

TIGER/Line[®] Shapefiles

2009

Technical Documentation



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U.S. Department of Commerce
Geography Division
U.S. Census Bureau

Acknowledgments

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1 Introduction

1.1 What are TIGER/Line Shapefiles?

The TIGER/Line Shapefiles are extracts of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File/Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) database. Geographic base linear, area, and point features such as streets, railroads, rivers, lakes, and geographic area boundaries are represented in the files, as well as the polygons that make up the legal and statistical geographic areas for which the Census Bureau tabulates data. The files also contain attribute information about these features, such as names, the type of feature, address ranges for most streets, the geographic relationship to other features, and other related information. The shapefiles include information for the fifty states, the District of Columbia, Puerto Rico, and the Island areas (American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the United States Virgin Islands).

The TIGER/Line Shapefiles are an extract of all geographic areas for which the Census Bureau tabulates data and a selected set of attributes associated with each geographic feature. The shapefiles do not contain any sensitive data, areas used for administering censuses and surveys, or attributes used only in internal processing. The TIGER/Line Shapefiles are designed for use with geographic information system (GIS) software.

1.2 What is the MAF/TIGER database?

The MAF/TIGER database is the Census Bureau's set of digital geographic files that store all of the address and geographic base and area information needed to collect and tabulate data from censuses and surveys. The MAF/TIGER database contains a variety of geographic and flat tables to store this data with a greater number of areas and attributes than that produced in the TIGER/Line Shapefile products, many of which are used for internal processing to support mission operations such as field data collection, allocation of housing units to specific geographic areas, and maintenance of a national address file.

The Master Address File (MAF) portion of the database contains a record for each identified potential housing unit with detailed attributes to assist in allocating housing specific geographic areas, identifying units for inclusion in census operations, and required metadata. The geographic database, from which the TIGER/Line Shapefiles are extracted, contains all of the points, lines, and polygons that form the base for the identification of features, including point landmarks and node intersections, shape points, linear streets, streams, and geographic boundaries, and area representations of water bodies, landmarks and geographic areas for which the Census Bureau tabulates data. Generally, the network of points and lines create the polygons, which in turn are linked to geographic information stored as separate tables consisting of a table for each geographic or addressing feature. Associated with the MAF/TIGER database is a suite of software used to maintain the integrity and update the database for Census Bureau day-to-day operations.

From the MAF/TIGER database, the Census Bureau creates products and cartographic databases, both of which are further edited. The TIGER/Line Shapefiles are derived from the extracted and additionally edited product database.

1.3 Relationship of the TIGER/Line Shapefiles to Census Statistical Data

What makes the TIGER/Line Shapefiles particularly valuable in the GIS environment, and to the data user community, is the ability to create a direct linkage between data from Census 2000, the American Community Survey, the Economic Census, or other survey and population estimates data and the geographic areas in the TIGER/Line shapefiles. The TIGER/Line Shapefiles include Federal Information Processing Series (FIPS) codes and, for selected geographic entities, Census Bureau codes, or locally produced codes to uniquely identify geographic areas for the nation's legal and statistical entities. Many current geographic entity types also include the American National Standards Institute (ANSI) Geographic Names Information System (GNIS) codes. The inclusion of a set of unique key codes allows for geographic entities to be easily matched and linked with data from Census 2000 and subsequent programs and censuses.

Demographic data from surveys and censuses are not part of the TIGER/Line Shapefiles but can be joined by using the geographic entity codes found in both the shapefiles and the demographic data. Data from many of the Census Bureau's surveys and censuses, including the geographic codes needed to join to the TIGER/Line Shapefiles, can be obtained from American FactFinder (<http://factfinder.census.gov>).

1.4 History of TIGER/Line Files and Shapefiles

The TIGER/Line files were initially released in 1990 and provided the first nationwide street centerline coverage of the United States, Puerto Rico, and the Island Areas in a series of ASCII format fixed tables or record types. These ASCII TIGER/Line files can be converted to a GIS compatible format with the use of a translator. Periodic versions were released throughout the 1990s in ASCII format. A limited supply of the 1992 TIGER/Line files are available from the US Census Bureau by calling (301) 763-INFO. The 1992 version provides a link between 1980 and 1990 Census geography. Currently no other versions of the pre-2000 TIGER/Line files are available.

For Census 2000, several versions of TIGER/Line files were released from 2000 to 2002 in the ASCII TIGER/Line file format to support the Census 2000 data tabulations. From 2004 to 2006, additional versions were released in ASCII TIGER/Line file format. The Census 2000 versions, the 108th Congressional District version, and the 2006 second edition of the TIGER/Line files in ASCII format are available on the TIGER website at <http://www.census.gov/geo/www/tiger>.

Beginning with the 2007 version, the format of the TIGER/Line files changed from the ASCII TIGER/Line file format to shapefile. All versions of the shapefiles are available from the Census Bureau's website at <http://www.census.gov/geo/www/tiger>.

For copies of additional versions of TIGER/Line files that are no longer available from the Census Bureau, users should contact their local State Data Centers or university libraries.

1.5 New Features in 2009 TIGER/Line Shapefiles

In response to the needs of the data users, 2009 TIGER/Line Shapefiles have several new features:

- Conversion of the Topological Faces Relationship Files from the tabular form to shapefiles
- Name changes of the Public Use Microdata Areas:
 - *PUMA* (formerly identified as 5- or 10-percent PUMA)
 - *Super PUMA* (formerly identified as 1-percent PUMA)
- Addition of internal point coordinates
- Addition of area measurement
- New state-based shapefiles:
 - American Indian/Alaska Native/Native Hawaiian Areas (Census 2000 and current)
 - American Indian Tribal Subdivisions (Census 2000 and current)
 - Combined Statistical Areas (current)
 - Metropolitan Statistical Area and Micropolitan Statistical Areas (current)
 - Metropolitan Divisions (current)
 - Military Installations (current)
 - Combined New England City and Town Areas (current)
 - New England City and Town Areas (current)
 - New England City and Town Areas Division (current)
 - State and Equivalent Entities (Census 2000 and current)
 - 5-Digit ZIP Code Tabulation Areas (2002)*
 - 3-Digit ZIP Code Tabulation Areas (2002)*

*Users should note that, in some cases, the ZIP Code Tabulation Areas may extend beyond state boundaries, as they are not clipped at the state or equivalent entity boundary.

1.6 TIGER/Line Shapefile Legal Disclaimers

No warranty, expressed or implied, is made with regard to the accuracy of the data in the TIGER/Line Shapefiles, and no liability is assumed by the U.S. Government in general, or the Census Bureau specifically, as to the positional or attribute accuracy of the data. The boundary information in the TIGER/Line Shapefiles is for 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 and they are not legal land descriptions.

TIGER® and TIGER/Line® are registered trademarks of the Census Bureau and ZCTA™ is a trademark of the Census Bureau. As such, these names cannot be used as or within the proprietary product names of any commercial product including or otherwise relevant to Census Bureau data, and may only be used to refer to the nature of such product. The Census Bureau requests that any repackaging of the TIGER/Line Shapefile data, documentation, and other files accompanying it for distribution include a conspicuously placed statement to this effect on the product's cover, the first page of the website, or elsewhere of comparable visibility. Further, Census Bureau trademarks, when used in reference to the nature of the product, should be accompanied by the ® (registered) symbol or ™ symbol, where convenient.

1.7 Questions and Contact Information

Questions about TIGER/Line Shapefiles obtained from the Census Bureau can be directed to the Geographic Products Branch, Geography Division, U.S. Census Bureau. The TIGER/Line Shapefiles are offered to the public without any cost through the Census Bureau's website. If you obtain the TIGER/Line Shapefiles from a third party, we recommend you contact that vendor for assistance as it is possible that they made changes to the files that we are unaware of or unable to support.

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2 Structure and Format

The TIGER/Line Shapefiles and associated relationship files are offered in a compressed format. One zipped file is available for each layer, with a file extension of .zip. Each zipped shapefile consists of the following five files:

- .shp – the feature geometry
- .shx – the index of the feature geometry
- .dbf – the tabular attribute information
- .prj – the coordinate system information
- .shp.xml – the metadata

Each zipped relationship file consists of the following two files:

- .dbf – the tabular attribute information
- .dbf.xml – the metadata

2.1 Shapefile Vintages

The TIGER/Line Shapefiles are available in Current, Census 2000, and Economic Census vintages to enable data users to link geography of the appropriate vintage with the data of the same vintage. For example, if the user wanted to create a map of Census 2000 information, then the user would use the Census 2000 vintage shapefiles. The following is an explanation of the vintages available in the TIGER/Line Shapefiles. Table 3.1.1 shows the vintages available for each shapefile or relationship file.

2.1.1 *Current Census Geography*

Current geography is defined as the latest version of the geographic extent of legally defined geographic areas as reported, generally reflecting the boundaries of governmental units in effect as of January 1, 2009, or legal and statistical area boundaries that have been adjusted and/or corrected since Census 2000. This vintage enables users to see the most current boundaries of governmental units and they will match the data from the surveys that use 2009 geography, such as the 2009 Population Estimates.

2.1.2 *Census 2000 Geography*

Census 2000 geography is the geographic extent of legally defined geographic areas or statistical areas in effect on January 1, 2000. This vintage enables users to work with Census 2000 data using boundaries as they existed in 2000. Since 2000, the Census Bureau initiated significant operations to improve the coordinate accuracy of our geographic database—the MAF/TIGER Accuracy Improvement Project or MTAIP. The MTAIP modified the base coordinates of virtually all the features in the database, thus the representation of Census 2000 geography will not match the representation depicted in the Census 2000 TIGER/Line files. The inventory and attributes of the 2000 census geography is, however, unchanged.

2.1.3 *2007 Economic Census Geography*

2007 Economic Census geography is defined as the version of the geographic extent of legally defined geographic areas in effect on January 1, 2007. The Economic Census is the major economic statistical program of the United States, and it provides a detailed portrait of the nation's economy once every five years. The geographic entities used in an Economic Census can differ from those used in decennial censuses. The boundaries used for geographic entities for the 2007 Economic Census are those reported to the Census Bureau through the Boundary and Annexation Survey (BAS) to be legally in effect on January 1, 2007.

Table 1: 2009 TIGER/Line Shapefile Layers Availability by Vintage

Layer	2000	Current	Economic Census
108th Congressional District (Congress elected in 2002)	X		
111th Congressional District (Congress elected in 2008)		X	
3-Digit ZIP Code Tabulation Area	X	2002*	
5-Digit ZIP Code Tabulation Area	X	2002*	
Address Ranges Relationship File#		X	
Address Range-Feature Name Relationship File #		X	
Alaska Native Regional Corporation	X	X	
All Lines #		X	
American Indian/Alaska Native/Native Hawaiian Area	X	X	
American Indian Tribal Subdivision	X	X	
Area Hydrography #		X	
Area Landmark		X	
Block Group	X		
Census Block	X	X	
Census Tract	X		
Combined New England City and Town Area		X	
Combined Statistical Area		X	
Commercial Region			X
Consolidated City	X	X	**
County and Equivalent Entity	X	X	X
County Subdivision	X	X	
Elementary School District	X	X	
Feature Names Relationship File #		X	
Metropolitan Division		X	
Metropolitan/Micropolitan Statistical Area		X	
Military Installation #		X	
New England City and Town Area		X	
New England City and Town Area Division		X	
Other Identifiers Relationship File #		X	
Place	X	X	X
Point Landmark #		X	
Public Use Microdata Area	X		
Secondary School District	X	X	
State and Equivalent Entity	X	X	X
State Legislative District—Lower Chamber	X	X	
State Legislative District—Upper Chamber	X	X	
Subbarrio	X	X	
Super Public Use Microdata Area	X		
Topological Faces (Polygons With All Geocodes) Shapefile #		X	
Topological Faces-Area Hydrography Relationship File #		X	
Topological Faces-Area Landmark Relationship File #		X	
Traffic Analysis Zone	X		
Unified School District	X	X	
Urban Areas	X	CORRECTED 2000***	
Urban Growth Areas	X	X	
Voting District	X		

* An updated version of the ZCTAs reflecting a 2002 vintage is the most current file available.

** The Economic Census vintage shapefile for Consolidated Cities is unavailable for 2009; users needing this data should use the 2008 shapefiles.

*** This file contains corrections to the Census 2000 urbanized areas and urban clusters. These corrections were announced in 2002, and are the official urban areas for Census 2000. For more information, please see the "Urban Areas" section in Chapter 4.

The TIGER/Line Shapefiles and relationship files for base features always only shows the most current information in the MAF/TIGER database. These base features (including address range) are not stored as vintage data. Changes from the representation, inventory, and attributes of these features can only be determined by comparing the different annual TIGER/Line files and/or shapefiles.

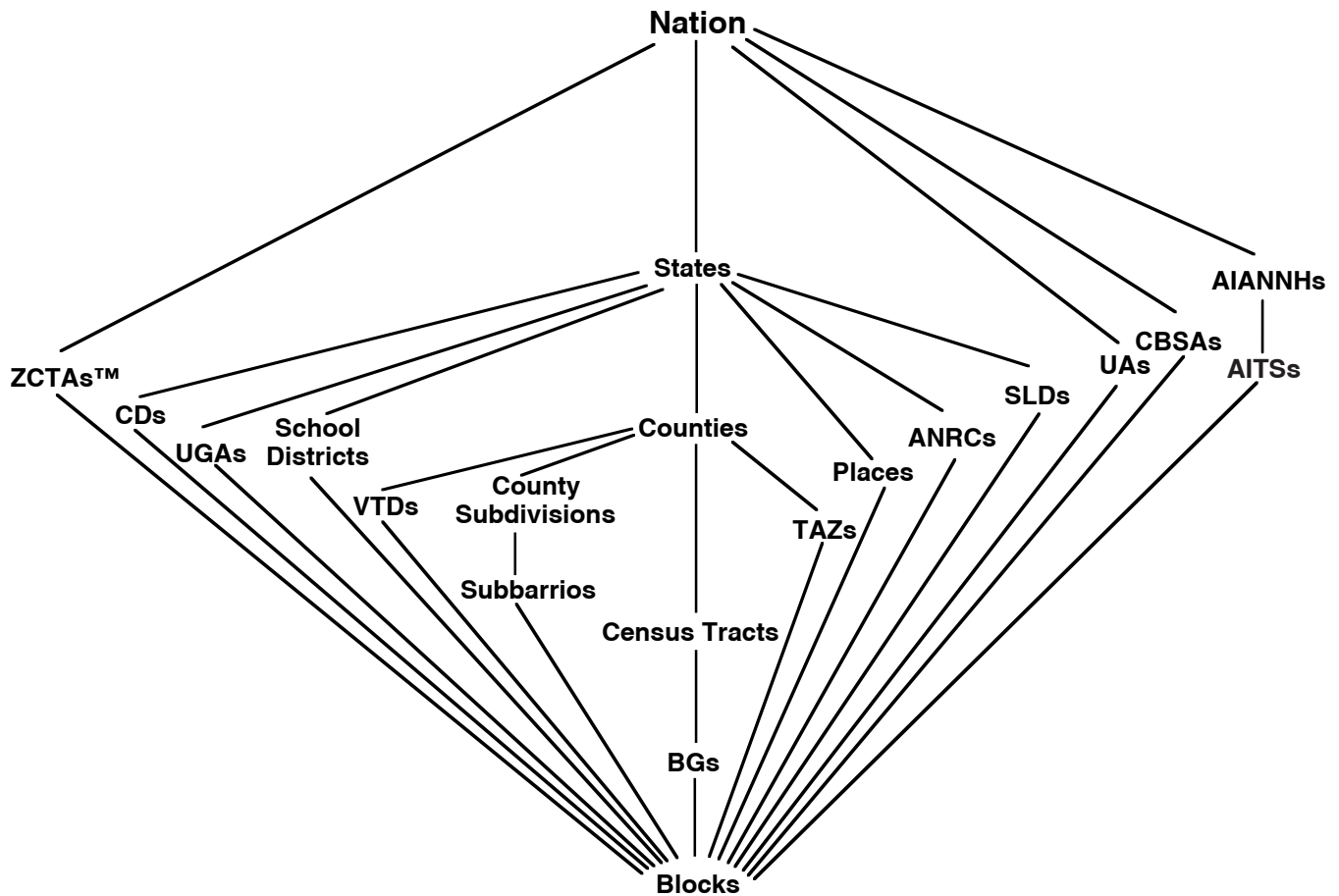
2.2 Organization of the Files

Geographic entities included in the Census Bureau's tabulations are generally hierarchical. The organizational structure of the TIGER/Line Shapefiles is based on this hierarchical framework. Figure 1 shows the progression of geographic areas from the nation to the block level.

Shapefiles are released in one of four types of hierarchical coverage—American Indian area-based, nation-based, state-based, or county-based. Some shapefiles are released in multiple coverages to enable flexibility in downloading files. Below are descriptions of each coverage. Table 2 provides an overview of which file types are available by each hierarchical coverage.

- **American Indian area-based files**—Entities that are defined within American Indian areas (AIA), are available in AIA-based shapefiles.
- **Nation-based files**—Entities that are defined independently of and can extend across the boundaries of states and counties, such as urban areas, are available in national shapefiles encompassing the United States, Puerto Rico and Island Areas. In addition, selected geographic entities that are defined by state, such as counties, are available as a nation-based coverage in addition to a state-based coverage.
- **State-based files**—Entities such as school districts and congressional districts that are defined within states and can cross county boundaries are represented in state-based shapefiles. In addition, many national files are available at the state-level. For example, a new state-based shapefile will contain all of the metropolitan and micropolitan statistical areas (generically referred to as core based statistical areas—CBSAs) that are wholly contained within the state or the portion of the CBSA contained within that state. In addition, selected geographic entities that are defined by county, such as census tract, are available as a state-based coverage in addition to a nation-based coverage.
- **County-based files**—Entities that are defined within counties and do not cross county or state lines such as census tracts and voting districts are represented in county-based shapefiles. In addition, the shapefiles that contain roads, railroads, and other linear features as well as the relationship files are available by county.

Figure 1 Hierarchical Relationship of Geographic Entities



- AIANNH: American Indian, Alaska Native, and Native Hawaiian area
- AITSS: American Indian Tribal Subdivision
- ANRC: Alaska Native Regional Corporation
- BG: Block Group
- CD: Congressional District
- CBSA: Core Based Statistical Area (Metropolitan and Micropolitan Statistical Areas)
- SLD: State Legislative District
- TAZ: Traffic Analysis Zone
- UA: Urban Area
- UGA: Urban Growth Area
- VTD: Voting District
- ZCTA™: ZIP Code Tabulation Area

Table 2: 2009 TIGER/Line Shapefile Layers Availability, by Parent Geography

Layer	Nation- Based Files	State-Based Files	County- Based Files	American Indian Area-Based Files
108th Congressional District (Congress elected in 2002)		X		
111th Congressional District (Congress elected in 2008)		X		
3-Digit ZIP Code Tabulation Area	X	X		
5-Digit ZIP Code Tabulation Area	X	X		
Address Ranges Relationship File			X	
Address Range-Feature Name Relationship File			X	
Alaska Native Regional Corporation		X		
All Lines			X	
American Indian/Alaska Native/Native Hawaiian Area	X	X		
American Indian Tribal Subdivision	X	X		X
Area Hydrography			X	
Area Landmark			X	
Census Block		X	X	
Block Group		X	X	
Census Tract		X	X	
Combined New England City and Town Area	X	X		
Combined Statistical Area	X	X		
Commercial Region		X		
Consolidated City		X		
County and Equivalent Entity	X	X		
County Subdivision		X	X	
Elementary School District		X		
Feature Names Relationship File			X	
Metropolitan Division	X	X		
Metropolitan/Micropolitan Statistical Area	X	X		
Military Installation	X	X		
New England City and Town Area	X	X		
New England City and Town Area Division	X	X		
Other Identifiers Relationship File			X	
Place		X		
Point Landmark			X	
Public Use Microdata Area		X		
Secondary School District		X		
State and Equivalent Entity	X	X		
State Legislative District-Lower Chamber		X		
State Legislative District-Upper Chamber		X		
Subbarrio (Sub-Minor Civil Division)			X	
Super Public Use Microdata Area		X		
Topological Faces (Polygons With All Geocodes) Shapefile			X	
Topological Faces-Area Hydrography Relationship File			X	
Topological Faces-Area Landmark Relationship File			X	
Traffic Analysis Zone			X	
Unified School District		X		
Urban Areas	X			
Urban Growth Area		X		
Voting District			X	

2.3 File Naming Conventions

The name of each file is:

File Name: tl_2009_<extent>_<layer>.<ext>

Where:

tl = TIGER/Line

2009 = the version of the files

<extent> = parent geography entity ID code (variable length of two to five characters)

The entity ID code identifies the geographic extent by specific entity for which the file contains data. It is of variable length depending on the type of file:

American Indian area-based:	4-digit American Indian area census code
Nation-based:	2 characters, "us"
State-based:	2-digit numeric state FIPS code
County-based:	5-digit numeric state-county FIPS code

<layer> = layer tag of variable length

The layer tag specifies the type of geography or feature the file contains. If "00" appears at the end of the layer tag, the file contains Census 2000 geography. If "ec" appears at the end of the layer tag, the file contains Economic Census geography. If neither "00" nor "ec" appears, the file contains current geography.

<ext> = the file extension

Examples:

American Indian area-based shapefile: Census 2000 American Indian Tribal Subdivision shapefile for Bois Forte Reservation

File Name: tl_2009_0335_aitsaia00.shp

National shapefile: Current New England City and Town Area (NECTA) shapefile

File Name: tl_2009_us_necta.shp

State-based shapefile: Economic Census County and Equivalent shapefile for Maryland

File Name: tl_2009_24_countyec.shp

County-based shapefile: Census 2000 Block shapefile for Worcester County, MA

File Name: tl_2009_25027_tabblock00.shp

2.4 Terminology

Edge—Refers to both visible and non-visible linear topological primitives. An edge extends from a designated start node and continues to its end node. The order of these nodes determines the from-to orientation and left/right sides of the edge.

Face—Refers to areal (polygon) topological primitive lines. A face is bounded by one or more edges; its boundary includes not only the edges that separate it from other faces, but also any interior edges contained within the area of the face.

MAF/TIGER Feature Class Code (MTFCC)—The MTFCC is a 5-digit code intended to classify and describe geographic objects or features. The MTFCC replaced the Census Feature Class Code (CFCC) used before 2007 and was expanded to include features that previously did not have codes. MTFCC definitions are available in the metadata files that accompany each shapefile and relationship file and in Appendix F of this document. A crosswalk between CFCC and MTFCC codes can be found on the TIGER/Line website (<http://www.census.gov/geo/www/tiger>).

Node—Refers to a point location representing a point in space defined by a coordinate pair. A node can be associated with one or more edges (a connected node), either as the end point of an edge in space or as the intersection point between one or more other edges. A node can also represent a point feature that is not connected to any edge (an isolated node).

Relationship file—The TIGER/Line relationship files are extracts of selected geographic information from the MAF/TIGER database. Each TIGER/Line relationship file can stand alone as an independent dataset but is designed to be used jointly with the shapefiles to join additional attributes and data to the spatial features.

Shapefile—A shapefile is a digital vector storage format for storing geometric location and associated attribute information.

2.5 Datum

Each shapefile contains a .prj file that contains the GIS industry standard well-known text (WKT) format to describe the coordinate system/projection/datum information for each shapefile. This enables users to easily import the shapefiles into their local coordinate system. All Census Bureau generated shapefiles are in Global Coordinate System North American Datum of 1983 (GCS NAD83). Each .prj file contains the following:

```
GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137,298.257222101]],PRIMEM["Greenwich",0],UNIT["Degree",0.017453292519943295]]
```

2.6 Metadata

Metadata are an organized data file used to capture the basic descriptive characteristics about data. For example, metadata will describe the quality, purpose, spatial extent, and history of a particular dataset.

A metadata file in XML (Extensible Markup Language) format is provided along with each shapefile and relationship file. Metadata files associated with shapefiles have the extension .shp.xml, and those associated with relationship files have the extension .dbf.xml. The metadata files comply with Federal Geographic Data Committee (FGDC) standards and can be read in any text editor. Please note that in order to see all the metadata element values, the 'FGDC Classic' stylesheet must be specified when using ESRI's ArcCatalog.

The TIGER/Line Shapefiles metadata contain an entity and attribute information section. The entity and attribute information provide a detailed description of the TIGER/Line Shapefiles and relationship files that include publication date, contact information, and all of the possible valid values for an attribute and each value's meaning. There will be one entity section for each shapefile and relationship file. Users should refer to the metadata files for extensive documentation about the contents of the shapefiles and relationship files.

In addition, the All Lines Shapefile also contains a Spatial Metadata Identifier (SMID), which identifies the source of the coordinates for each edge and provides the link between the TIGER/Line Shapefiles and the source and horizontal spatial accuracy information. Refer to the metadata for each county or equivalent entity for information on the source for each edge and the horizontal spatial accuracy, where known. Please note that the horizontal spatial accuracy, where reported, refers only to those edges identified as matched to the source with that accuracy. It is not the spatial accuracy of the TIGER/Line Shapefile as a whole. For more information regarding the All Lines Shapefile please refer to Section 4.4, All Lines, Spatial Accuracy of Linear Features (pg. 4-20).

TIGER/Line Shapefiles are a product of the U.S. Census Bureau and as such contain metadata that comply with two standards: the Census Bureau Geospatial Product Metadata Standard (GPMS), and the Federal Geographic Data Committee (FGDC) Content Standard for Digital Geospatial Metadata (CSDGM). The Census Bureau created the Geospatial Product Metadata Standard (GPMS) which includes metadata elements from the FGDC CSDGM and the International Organization for Standardization (ISO) metadata standard: ISO 19115.

3 Geography

3.1 Geographic Features and Boundaries Available in the 2009 TIGER/Line Shapefiles

The 2009 TIGER/Line Shapefiles contain the geographic extent and boundaries of both *legal* and *statistical* entities. A legal entity is a geographic entity whose boundaries, name, origin, and area description result from charters, laws, treaties, or other administrative or governmental action. A statistical entity is any geographic entity or combination of entities identified and defined solely for the tabulation and presentation of data. Statistical entity boundaries are not legally defined and the entities have no governmental standing.

The legal entities included in the files are:

- Alaska Native Regional Corporations
- American Indian off-reservation trust lands
- American Indian reservations (both federally and state-recognized)
- American Indian tribal subdivisions (within legal American Indian areas)
- Congressional districts
- Consolidated cities
- Counties and equivalent entities (except census areas in Alaska)
- Hawaiian home lands
- Incorporated places
- Minor civil divisions (MCDs, legal county subdivisions)
- Oregon urban growth areas
- School districts
- State legislative districts (upper and lower chambers)
- States and equivalent entities
- Subbarrios (Puerto Rico only)
- Voting districts

The statistical entities included in the files are:

- American Indian/Alaska Native statistical areas
 - Alaska Native village statistical areas
 - Tribal designated statistical areas
 - Oklahoma tribal statistical areas
 - State designated tribal statistical areas
- American Indian Tribal Subdivisions (within Oklahoma tribal statistical areas)
- Census areas (statistical county equivalents in Alaska)
- Census blocks
- Census block groups
- Census county divisions, census subareas, and unorganized territories (statistical county subdivisions)
- Census designated places (statistical place equivalents)
- Census tracts
- Commercial regions
- Core based statistical areas (CBSAs) and related statistical areas
 - Metropolitan and micropolitan statistical areas
 - Metropolitan divisions
 - Combined statistical areas
 - New England city and town areas
 - New England city and town area divisions
 - Combined New England city and town areas
- Public Use Microdata areas (PUMAs)
- Super public use microdata areas (Super PUMAs)
- Traffic analysis zones (TAZs)
- Urban areas
- ZIP code tabulation areas (ZCTAs)

3.2 Boundary and Area Changes

The boundaries identified as current for some legal areas are updated boundaries collected since Census 2000 as part of the Census Bureau's Boundary and Annexation Survey (BAS). The boundaries of all federally recognized American Indian Reservations and off-reservation trust lands, tribal subdivisions, states and equivalent entities, all counties and equivalent entities, all minor civil divisions (MCDs), all consolidated cities, and all incorporated places generally are those that were legally in effect as of January 1, 2009. Current geography for these entities reflects legal changes to boundaries, such as annexations or deannexations of territory. Current boundaries for elementary, secondary, and unified school districts are collected through a survey of state school authorities under the auspices of the U.S. Department of Education and are as of the 2007-2008 school year.

For all other legal entities, and nearly all statistical areas, the boundaries shown are those in effect at the time of Census 2000 whether the data are identified as Census 2000 or current. Because unorganized territories and census designated places (CDPs) occupy the same level of geography as legal MCDs and incorporated places, updates to the legal boundaries may affect the current boundaries for some of these entities, including the elimination of some of the statistical entities and, less commonly, additions to the inventory and changes to boundaries based on local requests. Current geography may differ from Census 2000 geography due to feature updates that cause boundary shifts. For example, if a street feature that acts as a census tract boundary is moved, then the census tract boundary will move as well.

Since the release of the Census 2000 versions of the TIGER/Line files, the Census Bureau has shifted and reshaped most linear features, including those that form legal or statistical area boundaries. The shape and area of the Census 2000 geographic entities portrayed in the 2009 TIGER/Line Shapefiles may differ from their portrayal in the Census 2000 versions of the TIGER/Line files, but the inventory of Census 2000 tabulation entities remains the same.

3.3 Codes for Entities

The Census Bureau is currently transitioning from the Federal Information Processing Standards (FIPS) codes issued by the National Institute of Standards and Technology (NIST) to codes issued by the American National Standards Institute (ANSI). The NIST publications that define FIPS codes for entities for which census data are presented have been withdrawn. Many of the former FIPS codes are being reissued, virtually unchanged, by the American National Standards Institute.

The Census Bureau, citing thirty years of common use, will continue to refer to many of the codes it publishes as FIPS codes with FIPS referring to Federal Information Processing Series. These codes appear in the TIGER/Line Shapefiles in fields such as "STATEFP", where "FP" indicates that the field contains a FIPS code. Federal Information Processing Series codes will continue to serve as the key matching and joining codes for Census Bureau products.

The United States Geological Survey's Geographic Names Information System (GNIS) feature identifier has also been issued as a code standard by the American National Standards Institute. This is a permanent numeric identifier of up to eight digits. The TIGER/Line Shapefiles refers to these eight-character numeric codes as National Standard ANSI codes, and they appear in the files in fields such as "STATENS", where "NS" (for National Standard) indicates that the field contains this type of code. The TIGER/Line documentation also refers to these codes as the ANSI code. The Census Bureau stores the ANSI code as a fixed-width string; the official code is a numeric value without leading zeroes. The ANSI code is only available for current vintage entities.

For more information about the FIPS to ANSI transition, please see <http://www.census.gov/geo/www/ansi/ansi.html>.

For more about the GNIS feature IDs please see <http://geonames.usgs.gov/domestic/index.html>.

4 Geographic Concept Overview and Associated Shapefiles

The following sections contain detailed explanations of the geographic concepts displayed in each shapefile or relationship file, as well as the record layout for each file. Each concept is listed in alphabetical order. The explanation of the concepts is preceded by a listing of all available shapefiles, including its vintage and geographic level (i.e. national, state, and county).

4.1 Address Ranges

Address range information is available by county in the following relationship file:

Address Ranges Relationship File

The Address Ranges Relationship File contains the attributes of each address range. Each address range applies to a single edge and has a unique address range identifier (ARID) value. The edge to which an address range applies can be determined by linking the address range to the All Lines shapefile using the permanent edge identifier (TLID) attribute. Multiple address ranges can apply to the same edge since an edge can have multiple address ranges. Note that the most inclusive address ranges associated with each side of a street edge appears in the All Lines shapefile.

This address range has the largest potential range of house number values of all address ranges associated with the side of an edge. It is *not* a composite of the available address ranges. The Census Bureau provides these address ranges for data users looking for data comparable to the address ranges supplied in the RT1 of the TIGER/Line data files.

The TIGER/Line Shapefiles contain potential address ranges, not individual addresses. The term “address range” refers to the collection of all possible structure numbers from the first structure number to the last structure number and all numbers of a specified parity in between, along an edge side relative to the direction in which the edge is coded. The address ranges in the TIGER/Line Shapefiles are potential ranges that include the full range of possible structure numbers even though the actual structures might not exist (see Figure 2).

The address numbers used to create the address ranges are commonly known as house number-street name style addresses (or city-style addresses). A house number-street name style address minimally consists of a structure number, street name, and a 5-digit ZIP Code; for example, 213 Main Street 90210. In the TIGER/Line Shapefiles, ZIP Codes are only associated to address ranges.

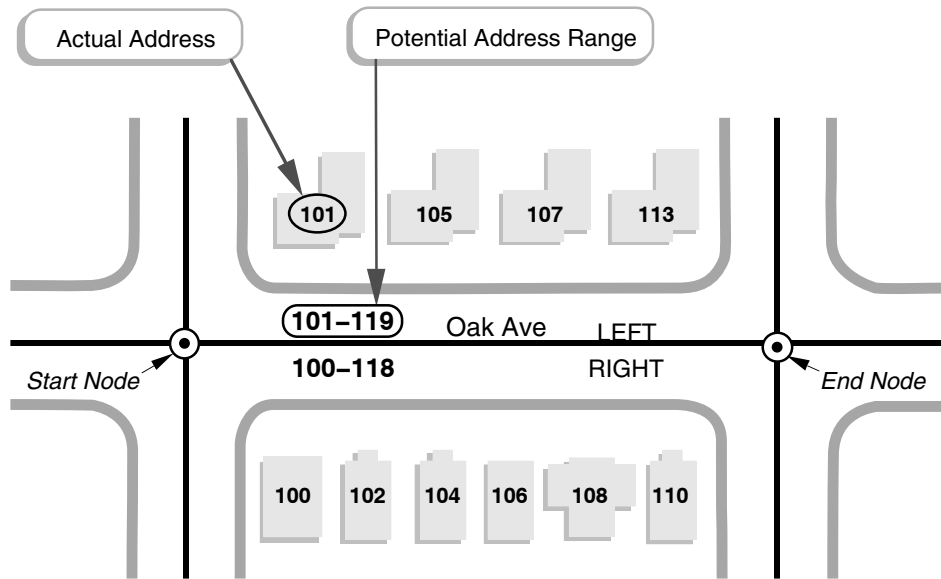
The ZIP Code is an attribute of the address ranges. The Address Ranges Relationship File has a five-character ZIP Code field containing a numeric code with leading zeros. Each address range belonging to an edge can have a different ZIP Code. Where ZIP Code boundaries follow a street, the edge may have different left- and right-side ZIP Codes or different ZIP Codes along its length. Nearly all address ranges will have a ZIP Code, but there are a few instances where the ZIP Code is not known and the ZIP Code will not have a null/blank value.

The U.S. Postal Service (USPS) offers an Address Information System (AIS) Viewer on compact disc, which can be used to get a list of valid 5-digit ZIP codes, and an on-line ZIP Code lookup search engine for addresses, as well as other data related to administrative postal areas (see www.usps.com for online information). The 2009 TIGER/Line Shapefiles may not contain all delivery ZIP Codes and may contain some non-delivery ZIP Codes. In some cases, ZIP Codes may be associated with house number-street name style addresses that are not used for mail delivery. The distribution of ZIP Codes in the TIGER/Line Shapefiles may not reflect the exact USPS ZIP Code service area. Likewise, the address range ZIP Codes may not match the ZIP Code Tabulation Area (ZCTA) for the area.

An address range also may have the full 9-digit ZIP Code, which includes the USPS's 4-digit ZIP+4 Add-On code. In the past, the Census Bureau has added the Postal Add-On code to the MAF/TIGER database using an automated match to the USPS's ZIP+4 file. These codes are not available in this release of the TIGER/Line Shapefiles.

Figure 2 TIGER/Line® Shapefiles Address Range Basics

The TIGER/Line Shapefiles contain potential address ranges for city-style addresses. The edge (between the start node and the end node) in the diagram below has two address ranges; the left side has odd-numbered addresses and the right side has the complementary even-numbered addresses. Potential address ranges along an edge have values that encompass the addresses of existing structures, as well as those not yet built.



Some basic characteristics of address ranges are as follows:

- The TIGER/Line Shapefiles generally contain address ranges only house number-street name style addresses. They do not show rural route and post office box addresses. They may contain structure numbers assigned in select areas for use by local emergency services, but not for mail delivery. The TIGER/Line Shapefiles do include address ranges and ZIP Codes in some small places where the USPS provides only post office box service. These address ranges represent the structure numbers collected during the 2000 census field operations, supplemented with addresses provided through local participant programs and intercensal Census Bureau activities and updates. These structure-number addresses may have ZIP Codes associated only with post office box addresses. The USPS does not recognize these street addresses as valid mailing addresses and does not assign a ZIP+4 Code to them or include them in the ZIP+4 file. The address ranges may be used to geocode a structure to the census block, but care should be used because of potential conflicts with similar or duplicate mailing street addresses.
- Gaps may exist between multiple ranges for a single edge. A gap may be significant because any numbers missing from one edge may actually appear on another edge. This situation occurs in cases where there are address anomalies such as out-of-parity or out-of-sequence addresses. The Census Bureau does not provide any single address-address ranges in the TIGER/Line Shapefiles, including out-of-parity and out-of-sequence address ranges that cover a single house number. For example, address 709 Main Street is in the middle of the even-side of the 700 block of Main Street and will be suppressed because it is a single address-address range. The following address ranges for the 700 block of Main Street will appear in the TIGER/Line Shapefiles: 700-798 Main Street, 701-707 Main Street, and 711- 799 Main Street. Based on the information provided, data users cannot tell where 709 Main Street is located. Suppression of single address-address ranges is to protect the confidentiality of individual addresses as specified by Title 13 of the U.S. Code.
- Address ranges can include numbers with alphabetic characters. These characters help uniquely identify addresses within a county. For instance, certain unincorporated areas of Genesee County, Michigan, add a letter G prefix to the address number. The characters are consistently placed within the address range field; for example, the letter G maintains a consistent column placement in the range G1 to G99.
- Some address systems use a hyphen to separate avenue numbers, private road designators, and grid cell numbers from the structure numbers; for example, 10-01 Reynolds St. uses a hyphen to separate the avenue number (i.e. Tenth Avenue) from the structure number. Depending on the locality, the hyphen may be unnecessary for address matching.
- Address ranges exist only for street features, and in some cases, geographic corridor and geographic offset boundary features adjacent to street features. When these boundaries exist, the address ranges moved from the street centerline to the boundary to ensure that addresses will geocode to the correct entity.
- Address ranges (consisting of a unique combination of structure number, ZIP Code, feature name, feature type, and directional) should not overlap; addresses should belong to only one address range. The Census Bureau edits the address ranges to locate possible overlaps, but cannot guarantee that all possible overlap situations have been identified and resolved.
- Address ranges in the TIGER/Line Shapefiles may be associated with one or more of the street names that belong to an edge. Caution: Address range overlap conflicts may occur if the address ranges are associated with some street names or route numbers that were not intended for use in locating addresses. A route number may traverse several streets with similar house numbers but different common names that are used for mail delivery.

Imputed Address Ranges—Imputed address ranges occur during the process of updating the MAF/TIGER database when a new edge intersects an existing edge with address ranges. The intersection splits the existing edge and produces two new edges connected by a new node located at the intersection point. The update program divides the old address ranges among the two new edges and *imputes* the address range ends at the new node.

The impute process allocates either all or part of each original address range to each of the new edges in proportion to their lengths (see Figures 3 and 4). For each side of the original edge, the process considers

Figure 3 TIGER/Line® Shapefile Address Range Imputes – Before Split

The MAF/TIGER database uses impute flags to indicate that the one or both ends of an address range are based on calculations rather than known values. Imputed address situations generally occur when an edge with existing address ranges becomes split by a new edge. The illustration below shows the address ranges on Chestnut Ave before a split.

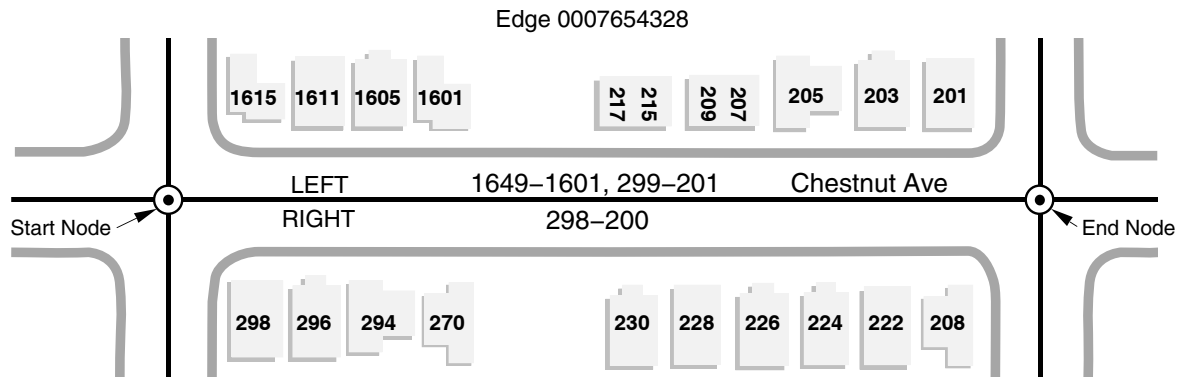
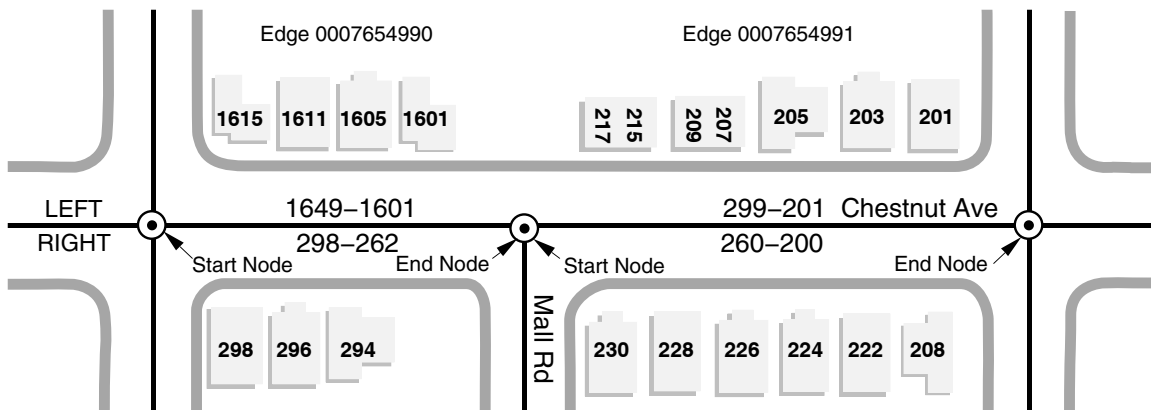


Figure 4 TIGER/Line® Shapefile Address Range Imputes – After Split

In the diagram below, Mall Rd has split the edge into two parts. Each part is assigned a new TIGER/Line identification number (TLID) and the old number is deleted. The overall address range for each edge side (1649 to 201 on the left side and 298 to 200 on the right side) and the split points for each of these address ranges (approximately 1088 on the left side and 261 on the right side) are determined by the MAF/TIGER System. Address ranges that fall entirely above or below the split point belong to one of the two new edges and do not get an impute flag. The MAF/TIGER System divides those address ranges that contain the split point and assigns a part to each of the edges.



all address ranges appearing on the side and determines the overall low and high addresses. The process assumes the addresses are evenly distributed along the length of the edge and applies the proportion of edge lengths to the overall address range to calculate a split-point address for each side. Address ranges that fall entirely above or below the split-point address are moved intact to one of the new edges. The process divides any address ranges that contain the split-point address and allocates each part to one of the new edges. The new address range ends created from the split are imputed values and have the from address range type (FROMTYP) or to address range type (TOTYP) set to imputed value. Some intermediate address range ends also may carry the impute flag. These address range ends fall between the overall high and low address for edge sides that have more than one address range. In current practice, the imputation process will assign the entire address range to one of the edges if the other is very small and would receive only a single address using the proportional division of address ranges.

Geocoding—To get the best match results, the Census Bureau advises data users to use all of the available address ranges to geo-reference/geocode addresses. A single pair of left- and right-side address ranges may not always provide complete address range coverage. This limitation is also true for the most inclusive address ranges as well. The address ranges in the TIGER/Line Shapefiles may be separated because of ZIP Code differences or to establish gaps created by out-of-sequence addresses located elsewhere. Some address ranges may include embedded alphanumeric characters or hyphens that make them distinct from the other address ranges.

Limitations—Users of the address ranges in the TIGER/Line Shapefiles should be aware that address range overlaps, gaps, odd/even reversals, and low-high orientation reversals may exist in the data. With the exception of overlaps, these may be valid. While the Census Bureau continues to edit for and correct for data errors, it is possible that some still exist.

4.1.1 Address Ranges Relationship File Record Layout

File Name: tl_2009_<state-county FIPS>_addr.dbf

Field	Length	Type	Description
TLID	10	Integer	Permanent edge Identifier
FROMHN	12	String	From house number
TOHN	12	String	To house number
SIDE	1	String	Side indicator flag
ZIP	5	String	5-digit ZIP code
PLUS4	4	String	ZIP +4 code
FROMTYP	1	String	From address range end type
TOTYP	1	String	To address range end type
FROMARMID	6	Integer	From house number source metadata ID number
TOARMID	6	Integer	To house number source metadata ID number
ARID	22	String	Address range identifier
MTFCC	5	String	MAF/TIGER feature class code

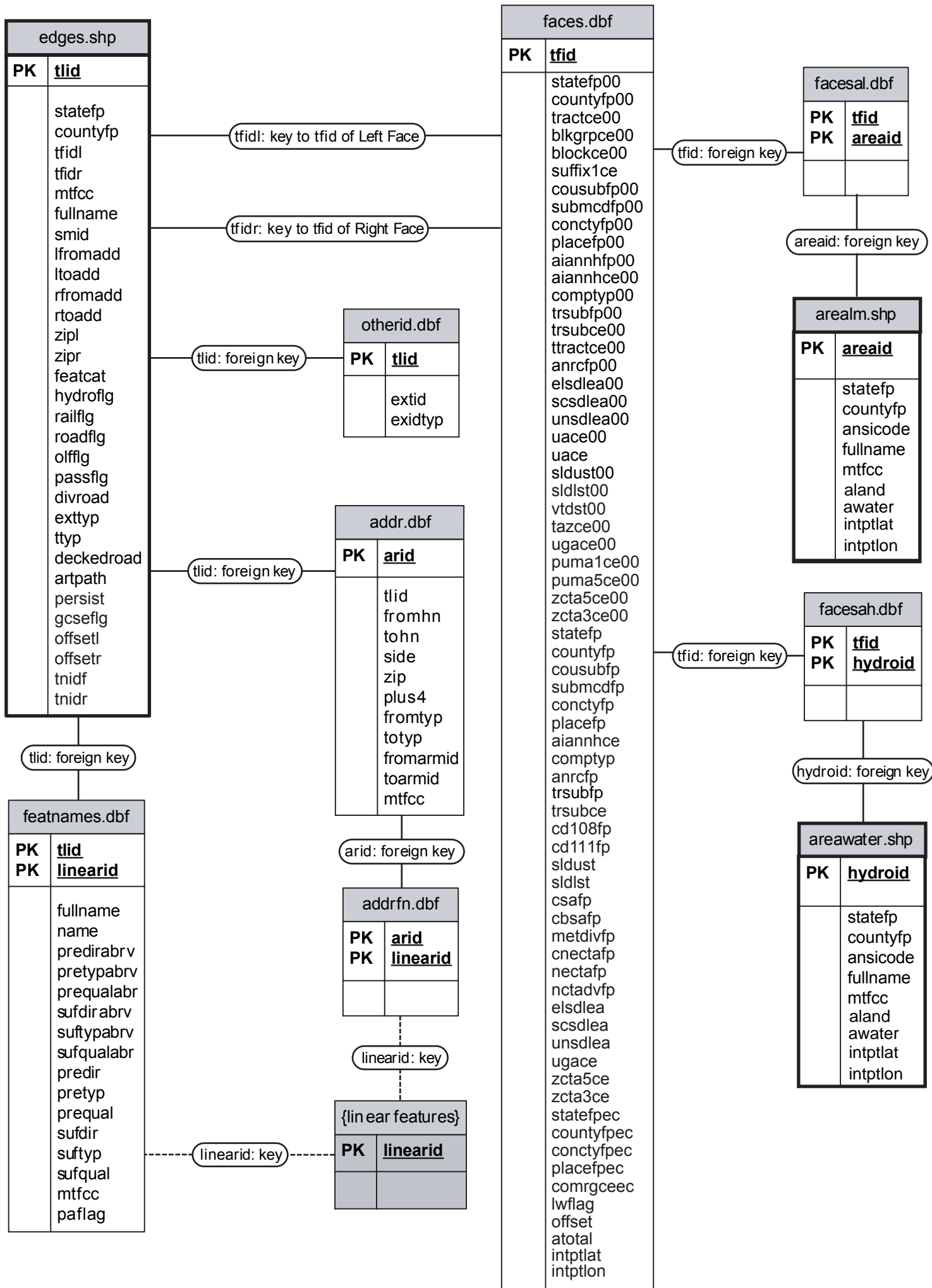
4.2 Address Range-Feature Name Relationships

Address range-to-feature name relationship information is available by county in the following relationship file:

Address Range-Feature Name Relationship File

The Address Range-Feature Name Relationship File contains a record for each address range-linear feature name relationship. The purpose of this relationship file is to identify all street names associated with each address range. An edge can have several feature names; an address range located on an edge can be associated with one or any combination of the available feature names (an address range can be linked to multiple feature names). The address range is identified by the address range identifier (ARID) attribute, which can be used to link to the Address Ranges Relationship File. The linear feature name is identified by the linear feature identifier (LINEARID) attribute that relates the address range back to the Feature Names Relationship File (see Figure 5).

Figure 5 TIGER/Line Shapefiles Relationship Tables



4.2.1 Address Range-Feature Name Relationship File Record Layout

File Name: tl_2009_<state-county FIPS>_addrfn.dbf

Field	Length	Type	Description
ARID	22	String	Address range identifier
LINEARID	22	String	Linear feature identifier

4.3 Alaska Native Regional Corporations

Alaska Native Regional Corporations are available by state for Alaska in the following shapefiles:

Alaska Native Regional Corporation (ANRC) Shapefile (Current)
Alaska Native Regional Corporation (ANRC) Shapefile (Census 2000)

Alaska Native Regional Corporations (ANRCs) are legally defined corporate entities organized to conduct both business and nonprofit affairs for Alaska Natives pursuant to the Alaska Native Claims Settlement Act of 1972 (Public Law 92-203). Twelve ANRCs exist as geographic entities that cover most of the State of Alaska (the Annette Islands Reserve, an American Indian reservation, is excluded from any ANRC). A thirteenth ANRC represents Alaska Natives who do not live in Alaska and do not identify with any of the twelve corporations. The Census Bureau does not provide data for this ANRC because it has no geographic extent and it does not appear in the TIGER/Line Shapefiles. The Census Bureau offers representatives of the twelve nonprofit ANRCs the opportunity to review and update the ANRC boundaries. ANRCs are represented by a 5-character numeric FIPS code and a National Standard ANSI code.

4.3.1 Alaska Native Regional Corporation (ANRC) Shapefile Record Layout (Current)

File Name: tl_2009_02_anrc.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
ANRCFP	5	String	Current Alaska Native Regional Corporation FIPS code
ANRCNS	8	String	Current Alaska Native Regional Corporation ANSI code
NAME	100	String	Current Alaska Native Regional Corporation name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for Alaska Native Regional Corporation
LSAD	2	String	Current legal/statistical area description code for Alaska Native Regional Corporation
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G2200)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.3.2 Alaska Native Regional Corporation (ANRC) Shapefile Record Layout (Census 2000)

File Name: tl_2009_02_anrc00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
ANRCFP00	5	String	Census 2000 Alaska Native Regional Corporation FIPS code
NAME00	100	String	Census 2000 Alaska Native Regional Corporation name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for Alaska Native Regional Corporation
LSAD00	2	String	Census 2000 legal/statistical area description code for Alaska Native Regional Corporation
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G2200)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.4 All Lines

Geometry and attributes of each topological primitive along with linear feature geography and its attributes are available by county in the following shapefile:

All Lines Shapefile

The All Lines shapefile contains visible linear features such as roads, railroads, and hydrography, as well as non-feature edges, non-visible Current boundaries, or superseded Census 2000 boundaries. Additional attribute data associated with the linear features found in the All Lines shapefiles are available in relationship files that users must download separately.

The All Lines shapefile contains the geometry and attributes of each topological primitive edge. Each edge has a unique TLID (permanent feature identifier) value. The left and right faces for an edge can be determined by linking the TFIDL (permanent face identifier on the left side of the edge) or TFIDR (permanent face identifier on the right side of the edge) attribute to the TFID (permanent face identifier) attribute in the Topological Faces Relationship File.

The left and right side of an edge is determined by the order of the points that form the edge. An edge is oriented from the start node to the end node. If one is standing on an edge at the start node facing the end node, data listed in the fields carrying a right qualifier would be found to the right of the edge. Data users can employ GIS software to plot the edges as directional vectors with arrows showing the orientation of edges.

In the MAF/TIGER database, edges may represent several types of features. The series of indicator flags (HYDROFLG, ROADFLG, RAILFLG, and OLFFLG) indicate the classes of features that share the edge. For example, a road may have embedded tracks; the corresponding edge will have both the ROADFLG (road feature indicator) and RAILFLG (rail feature indicator) set. Generally, certain feature types appear together on the same edge:

- Road and Rail—roads with adjacent tracks, tracks embedded in roadways, or tracks located in the median
- Rail and Other Linear Feature—rail features located on dams and levees
- Road and Other Linear Feature—road features located on dams and levees

The MAF/TIGER feature class code (MTFCC) identifies the specific code for the primary feature on the edge. For edges that represent roads in combination with other features, the MTFCC in the All Lines Shapefile will reflect the road feature.

Spatial Accuracy of Linear Features—The initial sources used to create the Census TIGER database, predecessor to the MAF/TIGER database, were the U.S. Geological Survey (USGS) 1:100,000-scale Digital Line Graph (DLG), USGS 1:24,000-scale quadrangles, the Census Bureau's 1980 geographic base files (GBF/DIME-Files), and a variety of miscellaneous maps for selected areas outside the contiguous 48 states. The DLG coverage is extensive, albeit of variable currency, and comprises most of the rural, small city, and suburban area of the TIGER/Line Shapefiles. GBF/DIME-File coverage areas were updated through 1987 with the manual translation of features from the most recent aerial photography available to the Census Bureau.

The Census Bureau added the enumerator updates compiled during the 1990 and Census 2000 census operations to the TIGER database. The updates came from map annotations made by enumerators as they attempted to locate living quarters by traversing every street feature in their assignment area. The Census Bureau digitized the enumerator updates directly into the TIGER database without geodetic controls or the use of aerial photography to confirm the features' locational accuracy.

The Census Bureau also made other corrections and updates to the Census TIGER database that were supplied by local participants in various Census Bureau programs. Local updates originated from map reviews by local government officials or their liaisons and local participants in Census Bureau programs. Maps were sent to participants for use in various census programs, and some maps were returned with update annotations and corrections. The Census Bureau generally added the updates to the Census TIGER database without extensive checks. Changes made by local officials did not have geodetic control.

In order to maintain a current geographic database from which to extract the TIGER/Line Shapefiles, the Census Bureau uses various internal and external processes to update the MAF/TIGER database. While it has made a reasonable and systematic attempt to gather the most recent information available about the features this file portrays, the Census Bureau cautions users that the files are no more complete than the source documents used in their compilation, the vintage of those source documents, and the translation of the information on those source documents.

The Census Bureau began a multi-year project called the MAF/TIGER Accuracy Improvement Project (MTAIP) in 2002 to realign and update street features in our geographic database. The project realigned and updated the street features by county (or equivalent entity). The MTAIP was completed in 2008. State, tribal, county, and local governments submitted over 2,000 files, which the Census Bureau used as sources to perform the realignment and feature update work. In other counties, contractors performed the work using recently obtained imagery and/or driving the counties with Global Positioning System (GPS) enhanced mapping equipment. Though all counties have been through the process, additional realignment and corrections will continue to take place for some counties.

As part of this project, the Census Bureau used GPS coordinates at street centerline intersections to test and report the Circular Error 95 (CE95) horizontal spatial accuracy of source files obtained realign street features in the MAF/TIGER database and test and report the horizontal spatial accuracy of the street features in the TIGER/Line Shapefiles. The test compared a survey-grade GPS coordinate to its associated street centerline intersection in the MAF/TIGER database. The test is based upon an independent collection of GPS coordinates for a random sample of right-angle street intersections from a centerline file that meet certain criteria. The points are referred to as the sample points and were gathered through a private contractor. Since the collection method used survey-quality GPS-based field techniques, the resulting control points were considered "ground truth" against which the MAF/TIGER street centerline file intersection coordinates were compared. The test verified that the spatial accuracy of the street network met the Census Bureau's horizontal spatial accuracy standard of CE95 at 7.6 meters (about twenty-five feet) or better. This accuracy standard requires that 95 percent of the time, the distance between the sample control points coordinates and their corresponding street centerline file intersection points not exceed 7.6 meters, i.e., a file point will fall within a radius of 7.6 meters of its corresponding control point.

The CE95 can be calculated from the mean and standard deviation by using the formula: mean of differences plus (2.65 times the standard deviation). The CE95 results reported for each file tested were determined using a spreadsheet with an embedded statistical formula. The use and applicability of the spreadsheet and its embedded formula were verified by Census Bureau statisticians. The basis of the calculation used the root mean square error (RSME). This is the method as stated in the U.S. Government's Federal Geographic Data Committee Standard FGDC-STD-007.3-1998, *Geospatial Positioning Accuracy*

Standards, Part 3: National Standard for Spatial Data Accuracy. The results of using this measure of accuracy are in compliance with Federal Spatial Data Accuracy requirements.

The Spatial Metadata Identifier (SMID) in the All Lines shapefile identifies the source of the coordinates for each edge and provides the link between the TIGER/Line Shapefiles and the source and horizontal spatial accuracy information. Refer to the metadata for each county or equivalent entity for information on the source for each edge and the horizontal spatial accuracy, where known. There are a few occurrences where the SMIDs are missing from some All Lines metadata files; hence the spatial metadata elements are also missing. Please note that the horizontal spatial accuracy, where reported, refers only to those edges identified as matched to the source with that accuracy. It is not the spatial accuracy of the TIGER/Line Shapefile as a whole.

Coordinates in the TIGER/Line Shapefiles have six decimal places, but the positional accuracy of these coordinates is not as great as the six decimal places suggest. The spatial accuracy varies with the source materials used. In areas where the Census Bureau has not realigned street features as part of MTAIP it meets, at best, the established National Map Accuracy standards (approximately ± 50 meters or 167 feet) where 1:100,000-scale maps from the USGS were the source. The Census Bureau cannot specify the spatial accuracy of feature changes added by its field staff or local updates or of features derived from the GBF/DIME-Files or other map or digital sources. Thus, the level of spatial accuracy in the TIGER/Line Shapefiles may not be suitable for high-precision measurement applications such as engineering problems, property transfers, or other uses that might require highly accurate measurements of the earth's surface. No warranty, expressed or implied, is made with regard to the accuracy of these data, and no liability is assumed by the U.S. Government in general or the Census Bureau specifically, as to the spatial or attributes accuracy of the data.

4.4.1 All Lines Shapefile Record Layout

File Name: tl_2009_<state-county FIPS>_edges.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
TLID	10	Integer	Permanent edge identifier
TFIDL	10	Integer	Permanent face identifier on the left of the edge
TFIDR	10	Integer	Permanent face identifier on the right of the edge
MTFCC	5	String	MAF/TIGER feature class code of the primary feature for the edge
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
SMID	22	String	Spatial metadata identifier
LFROMADD	12	String	From house number associated with the most inclusive address range on the left side of the edge
LTOADD	12	String	To house number associated with the most inclusive address range on the left side of the edge
RFROMADD	12	String	From house number associated with the most inclusive address range on the right side of the edge
RTOADD	12	String	To house number associated with the most inclusive address range on the right side of the edge
ZIPL	5	String	ZIP code associated with the most inclusive address range on the left side
ZIPR	5	String	ZIP code associated with the most inclusive address range on the right side
FEATCAT	1	String	General feature classification category
HYDROFLG	1	String	Hydrography feature indicator
RAILFLG	1	String	Rail feature indicator
ROADFLG	1	String	Road feature indicator
OLFFLG	1	String	Other linear feature indicator
PASSFLG	1	String	Special passage flag
DIVROAD	1	String	Divided road flag
EXTTYP	1	String	Extension type
TTYP	1	String	Track type
DECKEDROAD	1	String	Decked road indicator
ARTPATH	1	String	Artificial path indicator
PERSIST	1	String	Hydrographic persistence flag
GCSEFLG	1	String	Short lines flag for geographic corridors
OFFSETL	1	String	Left offset flag
OFFSETR	1	String	Right offset flag
TNIDF	10	Integer	From TIGER node identifier
TNIDT	10	Integer	To TIGER node identifier

4.5 American Indian, Alaska Native, and Native Hawaiian (AIANNH) Areas

American Indian, Alaska Native, and Native Hawaiian Area geography and attributes are available in the following shapefiles:

American Indian/Alaska Native/Native Hawaiian (AIANNH) Area National Shapefile (Current)
American Indian/Alaska Native/Native Hawaiian (AIANNH) Area National Shapefile (Census 2000)

American Indian/Alaska Native/Native Hawaiian (AIANNH) Area State-based Shapefile (Current)
American Indian/Alaska Native/Native Hawaiian (AIANNH) Area State-based Shapefile (Census 2000)

These shapefiles contain both legal and statistical American Indian, Alaska Native, and Native Hawaiian entities for which the Census Bureau publishes data. The legal entities consist of federally recognized American Indian reservations and off-reservation trust land areas, state-recognized American Indian reservations, and Hawaiian home lands (HHLs). American Indian tribal subdivisions and Alaska Native Regional Corporations (ANRCs) are additional types of legal entities, but are displayed in separate

shapefiles discussed in this chapter. The statistical entities displayed in these shapefiles are Alaska Native village statistical areas (ANVSAs), Oklahoma tribal statistical areas (OTSAs), tribal designated statistical areas (TDSAs), and state designated tribal statistical areas (SDTSAs).

In all cases, American Indian, Alaska Native, and Native Hawaiian areas cannot overlap another tribal entity. An exception is made for tribal subdivisions, which subdivide some American Indian entities, and Alaska Native village statistical areas (ANVSAs), which exist within Alaska Native Regional Corporations (ANRCs). In some cases where more than one tribe claims jurisdiction over an area, the Census Bureau creates a *joint-use area* as a separate entity to define this area of dual claims.

The American Indian/Alaska Native/Native Hawaiian (AIANNH) Area shapefiles contain a unique polygon record for each American Indian reservation, trust land or off-reservation trust land associated with a reservation, Hawaiian homeland, Alaska Native Village statistical area and American Indian statistical entity. For example, the Fort Peck Indian Reservation will have two records: one for the reservation portion and another for the off-reservation trust land area. Entities with only a single component will contain a single record. There is always a single record for a Hawaiian home land, Alaska Native Village statistical area, American Indian statistical entity plus those reservations without any associated off-reservation trust land or entities that consist only of trust land.

Legal Entities

American Indian Reservations—Federal (federal AIRs) are areas that have been set aside by the United States for the use of tribes, the exterior boundaries of which are more particularly defined in the final tribal treaties, agreements, executive orders, federal statutes, secretarial orders, or judicial determinations. The Census Bureau recognizes federal reservations as territory over which American Indian tribes have primary governmental authority. These entities are known as colonies, communities, Indian colonies, Indian communities, Indian Rancherias, Indian Reservations, Indian villages, pueblos, rancherias, ranches, reservations, reserves, settlements, villages, and other descriptions. The Bureau of Indian Affairs maintains a list of federally recognized tribal governments. The Census Bureau contacts representatives of American Indian tribal governments to identify the boundaries for federal reservations. Federal reservations may cross state, county, county subdivision, and place boundaries.

Each federal AIR and reservation equivalent joint-use area is assigned a four-digit census code ranging from 0001 through 4999. These census codes are assigned in alphabetical order of AIR names nationwide, except that joint-use areas appear at the end of the code range (4800 to 4999). Each federal AIR and reservation equivalent joint-use area also is assigned a five-digit Federal Information Processing Series (FIPS) code; because FIPS codes are assigned in alphabetical sequence within each state, the FIPS code is different in each state for reservations that include territory in more than one state. Federal AIRs and reservation equivalent joint-use areas are also assigned a National Standard (ANSI) code.

American Indian Reservations—State (state AIRs) are reservations established by some state governments for tribes recognized by the state. A governor-appointed state liaison provides the names and boundaries for state-recognized American Indian reservations to the Census Bureau. State reservations may cross county, county subdivision, and place boundaries. The Census Bureau has not surveyed and updated the inventory or boundaries of state reservations since 2000.

Each state American Indian reservation is assigned a four-digit census code ranging from 9000 through 9499. Each state AIR also is assigned a five-digit Federal Information Processing Series (FIPS) code and a National Standard feature identifier.

American Indian Trust Lands are areas for which the United States holds title in trust for the benefit of a tribe (tribal trust land) or for an individual American Indian (individual trust land). Trust lands can be alienated or encumbered only by the owner with the approval of the Secretary of the Interior or his/her authorized representative. Trust lands may be located on or off a reservation. The Census Bureau recognizes and tabulates data for reservations and off-reservation trust lands because American Indian tribes have primary governmental authority over these lands. Primary tribal governmental authority generally is not attached to tribal lands located off the reservation until the lands are placed in trust. In Census Bureau data tabulations, off-reservation trust lands always are associated with a specific federally recognized reservation and/or tribal government. A tribal government appointed liaison provides the name and boundaries of their trust lands. The Census Bureau does not identify fee land (or land in fee

simple status) or restricted fee lands as specific geographic categories and they are not identified in the TIGER/Line Shapefiles.

Hawaiian Home Lands (HHLs) are areas held in trust for Native Hawaiians by the state of Hawaii, pursuant to the Hawaiian Homes Commission Act of 1920, as amended. Based on a compact between the federal government and the new state of Hawaii in 1959, the Hawaii Admission Act vested land title and responsibility for the program with the state. However, a Hawaiian home land is not a governmental unit; rather, a home land is a tract of land with a legally defined boundary that is owned by the state, which, as authorized by the Act, it may lease to one or more Native Hawaiians for residential, agricultural, commercial, industrial, pastoral, and any other activities authorized by state law. The Census Bureau obtains the names and boundaries for Hawaiian home lands from state officials. The names of the home lands are based on the traditional ahupua'a names of the Crown and government lands of the Kingdom of Hawaii from which the lands were designated, or from the local name for an area. The Census Bureau has not surveyed and updated the inventory or boundaries of Hawaiian home lands since 2000.

Being lands held in trust, HHLs are treated as equivalent to off-reservation trust land areas with an AIANNHA trust land indicator coded as "H". Each HHL area is assigned a national four-digit census code ranging from 5000 through 5499 based on the alphabetical sequence of each HHL name. Each HHL is also assigned a five-digit Federal Information Processing Series (FIPS) code in alphabetical order within the state of Hawaii and a National Standard (ANSI) code.

Joint-Use Areas, as applied to any American Indian or Alaska Native area by the Census Bureau, means an area that is administered jointly and/or claimed by two or more American Indian tribes. The Census Bureau designates both legal and statistical joint-use areas as unique geographic entities for the purpose of presenting statistical data. The Census Bureau has not updated the inventory of statistical joint-use areas since 2000. Joint-use areas now only apply to overlapping federally recognized American Indian areas and overlapping Oklahoma tribal statistical areas. No other AIANNH types have joint-use areas.

Each is assigned a national four-digit census code ranging from 4800 through 4999, a five-digit Federal Information Processing Series (FIPS) code, and a National Standard (ANSI) code.

Statistical Entities

Alaska Native Village Statistical Areas (ANVSAs) represent the densely settled portion of Alaska Native villages (ANVs). The ANVs constitute associations, bands, clans, communities, groups, tribes, or villages recognized pursuant to the Alaska Native Claims Settlement Act of 1972 (Public Law 92-203). Because ANVs do not have boundaries that are easily locatable, the Census Bureau does not delimit ANVs for the purpose of presenting statistical data. Instead, the Census Bureau presents statistical data for ANVSAs which represent the settled portion of ANVs. ANVSAs are delineated or reviewed by officials of the ANV or, if no ANV official chose to participate in the delineation process, officials of the Alaska Native Regional Corporation (ANRC) in which the ANV is located. An ANVSA may not overlap the boundary of another ANVSA, an American Indian reservation, or a tribal designated statistical area (TDSA). Each ANVSA is assigned a national four-digit census code ranging from 6000 to 7999 based on the alphabetical sequence of each ANVSA's name. Each ANVSA also is assigned a five-digit Federal Information Processing Series (FIPS) code in alphabetical order and a National Standard (ANSI) code.

Joint-Use Areas, as applied to any American Indian or Alaska Native area by the Census Bureau, means an area is administered jointly and/or claimed by two or more American Indian tribes. The Census Bureau designates both legal and statistical joint-use areas as unique geographic entities for the purpose of presenting statistical data. Statistical joint-use areas only apply to overlapping Oklahoma tribal statistical areas.

Oklahoma Tribal Statistical Areas (OTSAs) are statistical entities identified and delineated by the Census Bureau in consultation with federally recognized American Indian tribes that do not currently have, but once had, a reservation in Oklahoma. The boundary of an OTSA will be that of the former reservation in Oklahoma, except where modified by agreements with neighboring tribes for statistical data presentation purposes. Tribal subdivisions can exist within the statistical Oklahoma tribal statistical areas. Each OTSA is assigned a national four-digit census code ranging from 5500 through 5999 based on the alphabetical sequence of each OTSA's name, except that the joint-use areas appear at the end of the code range. Each OTSA also is assigned a five-digit Federal Information Processing Series (FIPS) code in alphabetical order in Oklahoma and a National Standard (ANSI) code.

State Designated Tribal Statistical Areas (SDTSAs) are statistical entities for state-recognized American Indian tribes that do not have a state-recognized land base (reservation). SDTSAs are identified and delineated for the Census Bureau by a state liaison identified by the governor's office in each state. SDTSAs generally encompass a compact and contiguous area that contains a concentration of people who identify with a state-recognized American Indian tribe and in which there is structured or organized tribal activity. An SDTSA may not be located in more than one state unless the tribe is recognized by both states, and it may not include area within an American Indian reservation, off-reservation trust land, Alaska Native village statistical area (ANVSA), tribal designated statistical area (TDSA), or Oklahoma tribal statistical area (OTSA). Note that in 2000 these areas were termed State Designated American Indian Statistical Areas; the term was changed to bring consistency to tribal statistical area terms. Each SDTSA is assigned a four-digit census code ranging from 9500 through 9998 in alphabetical sequence of SDTSA names nationwide. Each SDTSA also is assigned a five-digit Federal Information Processing Series (FIPS) code in alphabetical order within state and a National Standard (ANSI) code.

Tribal Designated Statistical Areas (TDSAs) are statistical entities identified and delineated for the Census Bureau by federally recognized American Indian tribes that do not currently have a federally recognized land base (reservation or off-reservation trust land). A TDSA generally encompasses a compact and contiguous area that contains a concentration of individuals who identify with a federally recognized American Indian tribe and in which there is structured or organized tribal activity. A TDSA may be located in more than one state, but it may not include area within an American Indian reservation, off-reservation trust land, Alaska Native village statistical area (ANVSA), or Oklahoma tribal statistical area (OTSA).

Each TDSA is assigned a four-digit census code ranging from 8000 through 8999 in alphabetical sequence of TDSA names nationwide. Each TDSA also is assigned a five-digit Federal Information Processing Series (FIPS) code in alphabetical order within state; because FIPS codes are assigned within each state, the FIPS codes is different in each state for TDSAs that extend into more than one state. Each TDSA is also assigned a National Standard (ANSI) code.

Current Geography—The boundaries identified as current for federally recognized American Indian Reservations, off-reservation trust lands, legal joint-use areas, and tribal subdivisions are updated boundaries collected since Census 2000 as part of the Census Bureau's Boundary and Annexation Survey (BAS). For Hawaiian home lands, state AIRs, and all tribal statistical areas including OTSA joint-use areas, the boundaries shown are those in effect at the time of Census 2000 whether the data are identified as Census 2000 or current. Because OTSAs, SDTSAs, and TDSAs occupy the same level of geography as federally recognized American Indian reservations and off-reservation trust lands, updates to the legal boundaries may affect the current boundaries or inventory for some of these entities. Note that same statistical American Indian areas in 2000 have acquired reservation and/or trust lands, where this occurs; the legal area replaces the statistical area.

AIANNH Area Codes—The American Indian, Alaska Native, and Native Hawaiian areas (AIANNH areas) are represented in the TIGER/Line Shapefiles by a four-character numeric census code field, and a single alphabetic character American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator field, shown as COMPTYP (component type). The census codes are assigned in alphabetical order in assigned ranges by AIANNH area type nationwide, except that joint-use areas appear at the end of the code range. Trust lands are assigned the same code as the reservation with which they are associated. Trust lands associated with tribes that do not have a reservation are assigned codes based on tribal name. There is one TIGER/Line Shapefile record created for each unique combination of AIANNH code and component type. Each AIANNH area also is assigned a National Standard (ANSI) code.

The FIPS class code and census code associated with each entity identifies the type of AIANNH area. The metadata associated with the AIANNH area shapefiles provides a translation of these codes.

The type of AIANNH area also can be identified either by the census code, MAF/TIGER feature class code (MTFCC), or by the FIPS class code. The range of census codes allocated to each AIANNH area and the valid FIPS class code(s) associated with each are as follows:

Type	Census code Range	Valid FIPS Class Codes	MTFCC
Federal AIA	0001 to 4999	D1, D2, D3	G2100*, G2101, G2102
Hawaiian home land	5000 to 5499	F1	G2120
OTSA	5500 to 5999	D6	G2140
ANVSA	6000 to 7999	E1, E2, E6	G2130
TDSA	8000 to 8999	D6	G2160
State AIR	9000 to 9499	D4	G2100*
SDTSA	9500 to 9998	D9	G2150

*Note: G2100 can represent both federally and state-recognized areas; the recognition level can be determined using the federal/state recognition flag field. Joint-use areas are identified uniquely by MTFCC G2170. An "A" in the functional status field identifies federal AIA joint-use areas, while an "S" in the field represents joint-use OTSAs.

Type	Component Type (COMPTYP)
American Indian Trust Land	T
Reservation or Statistical Entity	R
Hawaiian Home Land	H
American Indian Reservation (including Off Reservation Trust Land)	M

4.5.1 American Indian/Alaska Native/Native Hawaiian (AIANNH) Area National Shapefile Record Layout (Current)

File Name: tl_2009_us_aiannh.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
AIANNHNS	8	String	Current American Indian/Alaska Native/Native Hawaiian area ANSI code
AIANNHID	5	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or trust land identifier; a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and reservation/statistical area or off-reservation trust land indicator
NAME	100	String	Current American Indian/Alaska Native/Native Hawaiian area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian area
LSAD	2	String	Current legal/statistical area description code for American Indian/Alaska Native/Native Hawaiian area
COMPTYP	1	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
CLASSFP	2	String	Current FIPS class code
AIANNHR	1	String	Current American Indian/Alaska Native/Native Hawaiian area federal/state recognition flag
MTFCC	5	String	MAF/TIGER feature class code*
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

* See table at top of page for list of valid MAF/TIGER feature class codes

4.5.2 American Indian/Alaska Native/Native Hawaiian Area (AIANNH) National Shapefile Record Layout (Census 2000)

File Name: tl_2009_us_aiannh00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
AIANNHID00	5	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or trust land identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area census code and reservation/statistical area or off-reservation trust land indicator
NAME00	100	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian area
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian/Alaska Native/Native Hawaiian area
CLASSFP00	2	String	Census 2000 FIPS class code
COMPTYP00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
AIANNHR00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area federal/state recognition flag
MTFCC00	5	String	MAF/TIGER feature class code*
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

* See table at top of page 4-27 for list of valid MAF/TIGER feature class codes

4.5.3 4.1.4.6 American Indian/Alaska Native/Native Hawaiian Area (AIANNH) State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_aiannh.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
AIANNHNS	8	String	Current American Indian/Alaska Native/Native Hawaiian area ANSI code
AIANNHID	5	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or trust land identifier; a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and reservation/statistical area or off-reservation trust land indicator
NAME	100	String	Current American Indian/Alaska Native/Native Hawaiian area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian area
LSAD	2	String	Current legal/statistical area description code for American Indian/Alaska Native/Native Hawaiian area
CLASSFP	2	String	Current FIPS class code
COMPTYP	1	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
AIANNHR	1	String	Current American Indian/Alaska Native/Native Hawaiian area federal/state recognition flag
MTFCC	5	String	MAF/TIGER feature class code (see below)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Latitude of the internal point
INTPTLON	12	String	Longitude of the internal point
STATEFP	2	String	Current state FIPS code
AIANNHFP	5	Number	Current American Indian/Alaska Native/Native Hawaiian area FIPS code
PARTFLG	1	String	Part Flag identifying if all or part of the Census 2000 entity is within the file

4.5.4 American Indian/Alaska Native/Native Hawaiian Area (AIANNH) State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_aiannh00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
AIANNHID00	5	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or trust land identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area census code and reservation/statistical area or off-reservation trust land indicator
NAME00	100	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian area
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian/Alaska Native/Native Hawaiian area
CLASSFP00	2	String	Census 2000 FIPS class code
COMPTYP00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
AIANNHR00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area federal/state recognition flag
MTFCC00	5	String	MAF/TIGER feature class code (see below)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point
STATEFP00	2	String	Census 2000 state FIPS code
AIANNHF00	5	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area FIPS code
PARTFLG00	1	String	Part Flag identifying if all or part of the Census 2000 entity is within the file

4.6 American Indian Tribal Subdivisions

American Indian Tribal Subdivision geography and attributes are available in the following shapefiles:

American Indian Tribal Subdivision (AITS) AIA-based Shapefile (Current)
American Indian Tribal Subdivision (AITS) AIA-based Shapefile (Census 2000)

American Indian Tribal Subdivision (AITS) National Shapefile (Current)
American Indian Tribal Subdivision (AITS) National Shapefile (Census 2000)

American Indian Tribal Subdivision (AITS) State-based Shapefile (Current)
American Indian Tribal Subdivision (AITS) State-based Shapefile (Census 2000)

American Indian Tribal Subdivisions (AITS) are legally defined administrative subdivisions of federally recognized American Indian reservations and/or off-reservation trust land, or statistical areas defined within Oklahoma tribal statistical areas (OTSAs). Tribal subdivisions are known as additions, administrative areas, areas, chapters, county districts, districts or segments. These entities are internal units of self-government or administration that serve social, cultural, and/or economic purposes for the American Indians on the reservations, off-reservation trust lands, or OTSAs. The Census Bureau obtains the boundary and name information for tribal subdivisions from tribal governments.

Current Geography—The boundaries identified as current for tribal subdivisions within legal American Indian areas are updated boundaries collected since Census 2000 as part of the Census Bureau's Boundary and Annexation Survey. For tribal subdivisions in OTSAs, the boundaries shown are those in effect at the time of Census 2000 whether the data are identified as Census 2000 or current. Updates to the legal boundaries of American Indian reservations may affect the current boundaries for some of these entities.

American Indian Tribal Subdivision Codes—AITS are represented in the TIGER/Line Shapefiles by a 3-character numeric census code. The Census Bureau assigns the 3-character American Indian tribal subdivision code alphabetically in order and uniquely within each American Indian reservation and/or associated off-reservation trust land, and Oklahoma tribal statistical area (OTSA). Each AITS is also assigned a National Standard (ANSI) code.

4.6.1 American Indian Tribal Subdivision (AITS) AIA-based Shapefile Record Layout (Current)

File Name: tl_2009_<AIA code>_aitsaia.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE	3	String	Current tribal subdivision code
TRSUBNS	8	String	Current American Indian tribal subdivision ANSI code
TRSUBID	7	String	Current tribal subdivision identifier: a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME	100	String	Current American Indian tribal subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD	2	String	Current legal/statistical area description code for American Indian tribal subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.6.2 American Indian Tribal Subdivision (AITS) AIA-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<AIA code>_aitsaia00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE00	3	String	Census 2000 tribal subdivision code
TRSUBID00	7	String	Census 2000 tribal subdivision identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area code and tribal subdivision code
NAME00	100	String	Census 2000 American Indian tribal subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian tribal subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.6.3 American Indian Tribal Subdivision (AITS) National Shapefile Record Layout (Current)

File Name: tl_2009_us_aitn.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE	3	String	Current tribal subdivision census code
TRSUBNS	8	String	Current American Indian tribal subdivision ANSI code
TRSUBID	7	String	Current tribal subdivision identifier; a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME	100	String	Current American Indian tribal subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD	2	String	Current legal/statistical area description code for American Indian tribal subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.6.4 American Indian Tribal Subdivision (AITS) National Shapefile Record Layout (Census 2000)

File Name: tl_2009_us_aitn00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE00	3	String	Census 2000 tribal subdivision census code
TRSUBID00	7	String	Census 2000 tribal subdivision identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME00	100	String	Census 2000 American Indian tribal subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian tribal subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.6.5 American Indian Tribal Subdivision (AITS) State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_aits.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE	3	String	Current tribal subdivision code
TRSUBNS	8	String	Current American Indian tribal subdivision ANSI code
TRSUBID	7	String	Current tribal subdivision identifier: a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME	100	String	Current American Indian tribal subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD	2	String	Current legal/statistical area description code for American Indian tribal subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
STATEFP	2	String	Current state FIPS code
TRSUBFP	5	Number	Current American Indian Tribal Subdivision FIPS code
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

4.6.6 American Indian Tribal Subdivision (AITS) State-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_aits00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE00	3	String	Census 2000 tribal subdivision census code
TRSUBID00	7	String	Census 2000 tribal subdivision identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME00	100	String	Census 2000 American Indian tribal subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian tribal subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point
STATEFP00	2	String	Census 2000 state FIPS code
TRSUBFP00	5	Number	Census 2000 American Indian Tribal Subdivision FIPS code
PARTFLG00	1	String	Part Flag identifying if all or part of the Census 2000 entity is within the file

4.7 Blocks (Census Block)

Block geography and attributes are available in the following shapefiles:

Block State-based Shapefile (Current)
Block State-based Shapefile (Census 2000)

Block County-based Shapefile (Current)
Block County-based Shapefile (Census 2000)

Census Blocks are statistical areas bounded on all sides by visible features, such as streets, roads, streams, and railroad tracks, and by non-visible boundaries such as city, town, township, and county limits, and short line-of-sight extensions of streets and roads. Generally, census blocks are small in area; for example, a block in a city bounded by streets. However, census blocks in remote areas may be large and irregular and contain hundreds of square miles. Census blocks cover all territory in the United States, Puerto Rico, and the Island areas. A block may consist of one or more faces.

Tabulation blocks used in Census 2000 data products never cross county or census tract boundaries. They do not cross the boundaries of any entity for which the Census Bureau tabulated 2000 data, including American Indian, Alaska Native, and Native Hawaiian areas, congressional districts, county subdivisions, places, state legislative districts, urbanized areas, urban clusters, school districts, voting districts, or ZIP Code Tabulation Areas (ZCTAs) or some special administrative areas such as military installations, and national parks and monuments.

Census Block Numbers—Census 2000 tabulation blocks are numbered uniquely within the 2000 boundaries of each state/county/census tract with a 4-digit census block number. The Census Bureau created the tabulation block numbers immediately before beginning its Census 2000 data tabulation process. The first digit of the tabulation block number identifies the block group.

Current Geography—To accommodate changes in legal entity boundaries occurring after January 1, 2000, the Census Bureau assigns a current alphabetic suffix for a Census 2000 block number. The current suffixes for Census 2000 block numbers are not permanent and will change with each annual cycle of current block suffixing. Data users are cautioned that the current state and county codes, when combined with the Census 2000 census tract and block numbers, can create nonexistent geographic areas. To avoid nonexistent geographic areas, it is important not to mix Census 2000 geographic codes with current geographic codes.

Water Blocks—For Census 2000, water area located completely within the boundary of a single land block has the same block number as that land block. Water area that touches more than one land block is assigned a unique block number not associated with any adjacent land block. The Census Bureau assigned water block numbers beginning with the block group number followed by "999" and proceeding in descending order. For example, in block group 3, the block numbers assigned to water areas that border multiple land blocks are 3999, 3998, 3997, and so forth. In some block groups, the numbering of land blocks used enough of the available tabulation block numbers to reach beyond the 900 range within the block group. For this reason, and because some land blocks include water (ponds and small lakes), no conclusions about whether or not a block is all land or all water can be made by looking at the Census 2000 block numbers.

Census Block Codes

Census 2000 Tabulation Blocks

- Block group number 0 to 9—First numeric character
- 000 to 999—Second, third, and fourth numeric characters

Current Suffix for Census 2000 Block Number

- A to Z—Codes for current suffix for Census 2000 block numbers

Figure 6 Geographic Relationships—Small Area Statistical Entities
 County-Census Tract-Block Group-Block

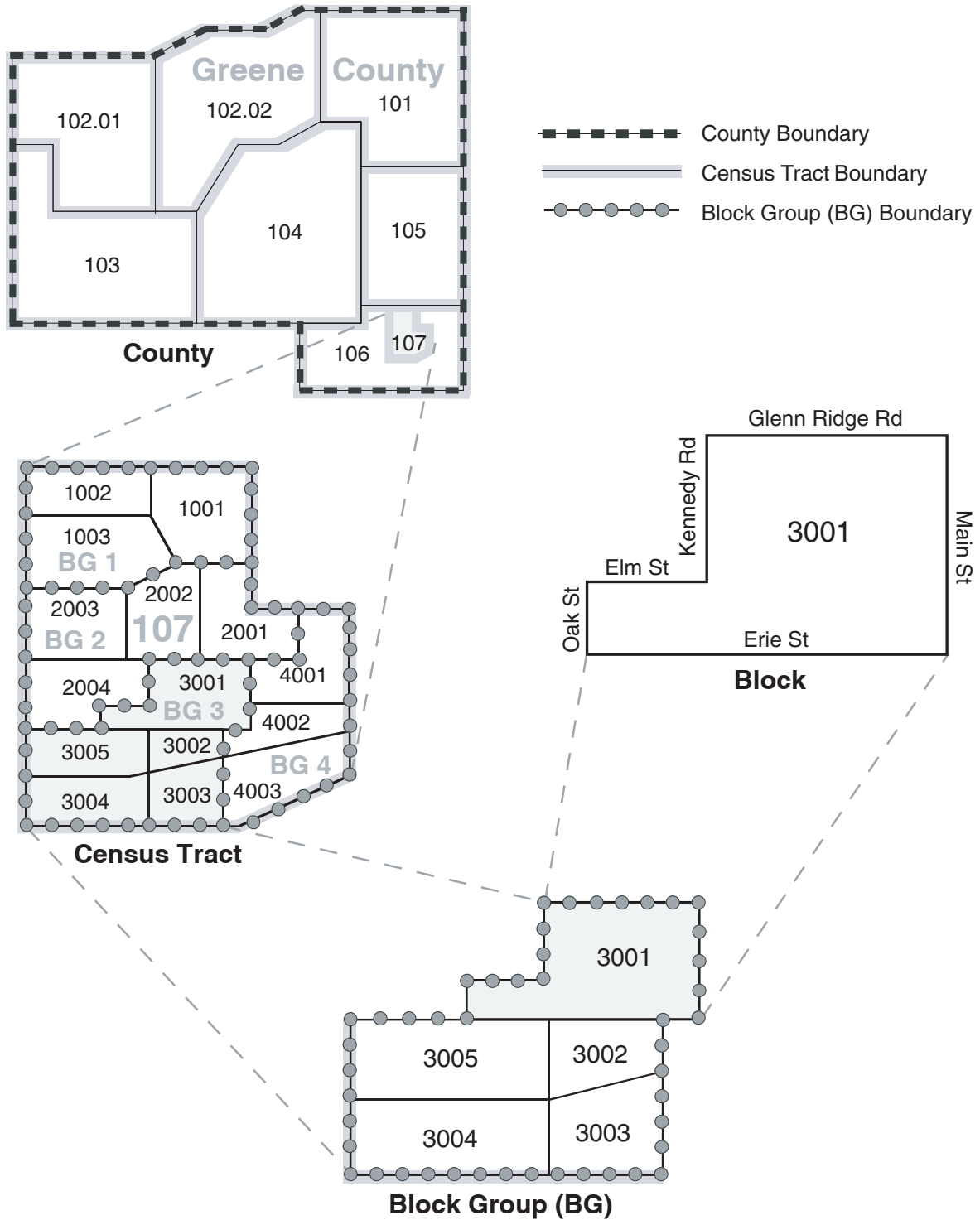
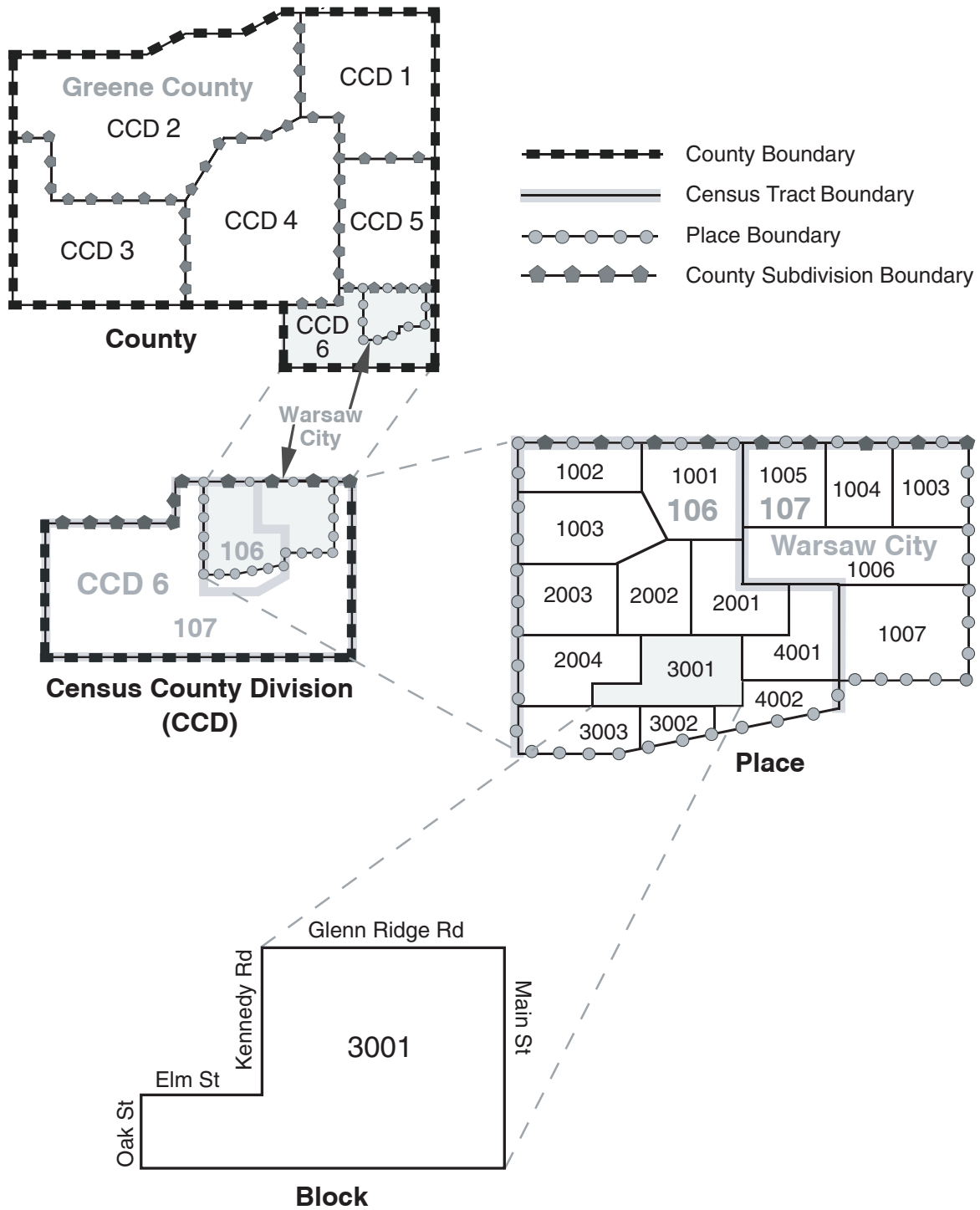


Figure 7 Geographic Relationships—Legal and Statistical Entities
County-County Subdivision-Place-Block



4.7.1 Block State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_tabblock.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
COUNTYFP	3	String	Current county FIPS code
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLOCKCE00	4	String	Census 2000 tabulation block number
SUFFIX1CE	1	String	Current census block suffix 1
BLKIDFP	16	String	Current block identifier; a concatenation of Census 2000 state FIPS code, Census 2000 county FIPS code, Census 2000 census tract code, Census 2000 tabulation block number, and current block suffix 1.
NAME	11	String	Current tabulation block name; a concatenation of "Block", the current tabulation block number, and the block suffix 1
MTFCC	5	String	MAF/TIGER feature class code (G5040)
UR	1	String	Corrected Census 2000 urban/rural indicator
UACE	5	String	Corrected Census 2000 urban area code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.7.2 Block State-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_tabblock00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLOCKCE00	4	String	Census 2000 tabulation block number
BLKIDFP00	15	String	Census 2000 block identifier; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
NAME00	10	String	Census 2000 tabulation block name; a concatenation of "Block" and the Census 2000 tabulation block number
MTFCC00	5	String	MAF/TIGER feature class code (G5040)
UR00	1	String	Census 2000 urban/rural indicator
UACE00	5	String	Census 2000 urban area code
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.7.3 Block County-based Shapefile Record Layout (Current)

File Name: tl_2009_<state-county FIPS>_tabblock.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUNTYNS	8	String	Current county ANSI code
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLOCKCE00	4	String	Census 2000 tabulation block number
SUFFIX1CE	1	String	Current census block suffix 1
BLKIDFP	16	String	Current block identifier; a concatenation of Census 2000 state FIPS code, Census 2000 county FIPS code, Census 2000 census tract code, Census 2000 tabulation block number, and current block suffix 1.
NAME	11	String	Current tabulation block name; a concatenation of "Block", the current tabulation block number, and the block suffix 1
MTFCC	5	String	MAF/TIGER feature class code (G5040)
UR	1	String	Corrected Census 2000 urban/rural indicator
UACE	5	String	Corrected Census 2000 urban area code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.7.4 Block County-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state-county FIPS>_tabblock00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLOCKCE00	4	String	Census 2000 tabulation block number
BLKIDFP00	15	String	Census 2000 block identifier; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
NAME00	10	String	Census 2000 tabulation block name; a concatenation of "Block" and the Census 2000 tabulation block number
MTFCC00	5	String	MAF/TIGER feature class code (G5040)
UR00	1	String	Census 2000 urban/rural indicator
UACE00	5	String	Census 2000 urban area code
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.8 Block Groups

Block group geography and attributes are available in the following shapefiles:

Block Group State-based Shapefile (Census 2000)

Block Group County-based Shapefile (Census 2000)

Block Groups (BGs) are clusters of blocks within the same census tract that have the same first digit of their 4-digit census block number. For example, blocks 3001, 3002, 3003, ..., 3999 in census tract

1210.02 belong to BG 3. Census 2000 BGs generally contain between 600 and 3,000 people, with an optimum size of 1,500 people. Most BGs were delineated by local participants in the Census Bureau's Participant Statistical Areas Program. The Census Bureau delineated BGs only where a local or tribal government declined to participate or where the Census Bureau could not identify a potential local participant.

A BG usually covers a contiguous area. Each census tract contains at least one BG and BGs are uniquely numbered within census tract. Within the standard census geographic hierarchy, BGs never cross county or census tract boundaries, but may cross the boundaries of county subdivisions, places, urban areas, voting districts, congressional districts, and American Indian, Alaska Native, and Native Hawaiian areas. Under an alternative Census 2000 AIANNH area census geographic hierarchy, census tracts and BGs are defined within American Indian entities and can cross state and county boundaries. These are commonly referred to as tribal BGs.

BGs have a valid range of 0 through 9. BGs beginning with a 0 generally are in coastal and Great Lakes water and territorial seas. Rather than extending a census tract boundary into the Great Lakes or out to the three-mile territorial sea limit, the Census Bureau delineated some census tract boundaries along the shoreline or just offshore. The Census Bureau assigned a default census tract number of 0 and BG of 0 to the offshore areas not included in regularly numbered census tract areas. Because of updates since 2000, there are 0 block groups that now contain land.

4.8.1 Block Group State-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_bg00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLKGRPC00	1	String	Census 2000 block group number
BKGPIDFP00	12	String	Census 2000 census block group identifier; a concatenation of state FIPS code, county FIPS code, census tract code, and block group number
NAMLSAD00	13	String	Census 2000 translated legal/statistical area description and the block group number
MTFCC00	5	String	MAF/TIGER feature class code (G5030)
FUNCSAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.8.2 Block Group County-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state-county FIPS>_bg00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLKGRPC00	1	String	Census 2000 block group number
BKGPIDFP00	12	String	Census 2000 census block group identifier; a concatenation of state FIPS code, county FIPS code, census tract code, and block group number
NAMLSAD00	13	String	Census 2000 translated legal/statistical area description and the block group number
MTFCC00	5	String	MAF/TIGER feature class code (G5030)
FUNCSAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.9 Census Tracts

Census tract geography and attributes are available in the following shapefiles:

Census Tract State-based Shapefile (Census 2000)

Census Tract County-based Shapefile (Census 2000)

Census Tracts are small, relatively permanent statistical subdivisions of a county or equivalent entity, and were defined by local participants as part of the Census Bureau's 2000 Participant Statistical Areas Program. The Census Bureau delineated the census tracts in situations where no local participant existed or where local or tribal governments declined to participate. The primary purpose of census tracts is to provide a stable set of geographic units for the presentation of decennial census data.

Census tracts generally have a population size between 1,500 and 8,000 people, with an optimum size of 4,000 people. When first delineated, census tracts are designed to be homogeneous with respect to population characteristics, economic status, and living conditions. The spatial size of census tracts varies widely depending on the density of settlement. Census tract boundaries are delineated with the intention of being maintained over a long time so that statistical comparisons can be made from census to census. However, physical changes in street patterns caused by highway construction, new development, and so forth, may require boundary revisions. In addition, census tracts occasionally are split due to population growth, or combined as a result of substantial population decline.

Census tract boundaries generally follow visible and identifiable features. They may follow legal boundaries such as minor civil division (MCD) or incorporated place boundaries in some states and situations to allow for census tract-to-governmental unit relationships where the governmental boundaries tend to remain unchanged between censuses. State and county boundaries always are census tract boundaries in the standard census geographic hierarchy. Under the Census 2000 American Indian, Alaska Native, and Native Hawaiian area census geographic hierarchy, tribal census tracts are defined within American Indian entities and can cross state and county boundaries.

In a few rare instances, a census tract may consist of discontinuous areas. These discontinuous areas may occur where the census tracts are coextensive with all or parts of legal entities that are themselves discontinuous.

Census Tract Codes and Numbers—Census tract numbers have up to a 4-digit basic number and may have an optional 2-digit suffix; for example, 1457.02. The census tract numbers (used as names) eliminate any leading zeroes and append a suffix only if required. The 6-character numeric census tract codes, however, include leading zeroes and have an implied decimal point for the suffix. Census tract codes range from 000100 to 998998 and are unique within a county or equivalent area. The Census Bureau reserved the census tract numbering range of 9400 to 9499 for use by American Indian area participants in situations where an American Indian entity crosses county or state lines. See the section “Census Tracts in American Indian Areas” below for further information. The Census Bureau assigned a default census tract code of 000000 to some coastal and Great Lakes water and territorial sea, rather than extend the census tract boundary into the Great Lakes or out to the three-mile limit. By closing off some census tracts along the shoreline or just offshore and assigning the default census tract to the offshore Current water areas, the Census Bureau provides complete census tract coverage of Current water areas in territorial seas and the Great Lakes. Because of updates since 2000, there are census tracts with code 000000 that now contain land. Census tract suffixes may range from .01 to .98. For Census 2000, the Census Bureau did not identify separate crews-of-vessels census tracts; the crews-of-vessels population is part of the Census 2000 census tract identified as associated with the home port of the vessel.

The Census Bureau uses suffixes to help identify census tract changes for comparison purposes. Local participants have an opportunity to review the existing census tracts before each census. If local participants split a census tract, the split parts usually retain the basic number, but receive different suffixes. In a few counties, local participants request major changes to, and renumbering of, the census tracts. Changes to individual census tract boundaries usually do not result in census tract numbering changes.

Census Tract Names—The Census 2000 Census Tract shapefiles contain the census tract codes in three formats. The TRACTCE00 field contains the 6-digit format, complete with leading and trailing zeros. The NAME00 field contains the census tract name as displayed in Census Bureau printed reports and on mapping products. That is, in the census tract name the leading and trailing zeros in the census tract number are omitted and the decimal point appears in those census tract numbers with a suffix. For example, census tract code 000302 has a census tract name of 3.02 and the name for census tract code 020800 is 208. The NAMELSAD00 field includes both the translated legal/statistical area description and the census tract name, as in, “Census Tract 1”.

Census Tracts in American Indian Areas—The Census Bureau reserved the census tract numbering range of 9400 to 9499 for use by American Indian area participants in situations where an American Indian entity crosses county or state boundaries. Under the Census 2000 American Indian, Alaska Native, and Native Hawaiian areas geographic hierarchy, the Census Bureau tabulates census tract data within federally recognized American Indian reservations and off-reservation trust lands, ignoring state and county boundaries. These are commonly referred to as tribal census tracts. Not all tribal census tracts are numbered in the 9400 to 9499 census tract numbering range. Under the Census 2000 American Indian, Alaska Native, and Native Hawaiian areas geographic hierarchy, the Census Bureau identifies all census tracts on federally recognized American Indian reservations and off-reservation trust lands as tribal census tracts. The 2000 tribal census tracts nest within the 2000 boundaries of American Indian and Native Hawaiian areas.

Relationship to Other Geographic Entities—Within the standard census geographic hierarchy, census tracts never cross state or county boundaries, but may cross the boundaries of county subdivisions, places, urban areas, voting districts, congressional districts, and American Indian, Alaska Native, and Native Hawaiian areas. Under the Census 2000 American Indian, Alaska Native, and Native Hawaiian areas census geographic hierarchy, tribal census tracts are defined within American Indian entities and can cross state and county boundaries.

Census Tract Numbers and Codes

- 0001 to 9989—Basic number range for census tracts
- 0000—Default basic number for census tracts
- 01 to 98—Suffix codes for census tracts
- 00—Suffix code for census tracts without a suffix

4.9.1 Census Tract State-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_tract00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
CTIDFP00	11	String	Census 2000 census tract identifier; a concatenation of state FIPS code, county FIPS code, and census tract code
NAME00	7	String	Census 2000 census tract name, including the decimal point and decimal digits if a non-zero census tract suffix exists, excluding trailing zeros unless the zeros are part of a non-zero census tract suffix, and excluding any leading zeros
NAMELSAD00	20	String	Census 2000 translated legal/statistical area description and the census tract name
MTFCC00	5	String	MAF/TIGER feature class code (G5020)
FUNCCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.9.2 Census Tract County-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state-county FIPS>_tract00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
CTIDFP00	11	String	Census 2000 census tract identifier; a concatenation of state FIPS code, county FIPS code, and census tract code
NAME00	7	String	Census 2000 census tract name, including the decimal point and decimal digits if a non-zero census tract suffix exists, excluding trailing zeros unless the zeros are part of a non-zero census tract suffix, and excluding any leading zeros
NAMELSAD00	20	String	Census 2000 translated legal/statistical area description and the census tract name
MTFCC00	5	String	MAF/TIGER feature class code (G5020)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.10 Commercial Regions

Commercial region geography and attributes are available for Puerto Rico in the following shapefile:

Commercial Region Shapefile (Economic Census)

Economic Census Commercial Regions—For purposes of Economic Census data presentations, the municipios in Puerto Rico are grouped into nine commercial regions. The following are the codes and names for the commercial regions:

<i>Commercial Region Code</i>	<i>Name</i>
1	Aguadilla, PR Commercial Region
2	Arecibo, PR Commercial Region
3	Bayamón, PR Commercial Region
4	Caguas, PR Commercial Region
5	Fajardo, PR Commercial Region
6	Guayama, PR Commercial Region
7	Mayagüez, PR Commercial Region
8	Ponce, PR Commercial Region
9	San Juan, PR Commercial Region

4.10.1 Commercial Region Shapefile Record Layout (Economic Census)

File Name: tl_2009_72_comrgec.shp

Field	Length	Type	Description
STATEFPEC	2	String	2007 Economic Census state FIPS code
COMRGCEEC	1	String	2007 Economic Census commercial region code
COMREGIDEC	3	String	2007 Economic Census commercial region identifier; a concatenation of Economic Census state FIPS code and Economic Census commercial region census code
NAMEEC	100	String	2007 Economic Census commercial region name
NAMELSADEC	100	String	2007 Economic Census commercial region name and the translated legal/statistical area description for commercial region
LSADEC	2	String	2007 Economic Census legal/statistical area description code for commercial region
MTFCCEC	5	String	MAF/TIGER feature class code
FUNCSTATEC	1	String	2007 Economic Census functional status
ALANDEC	14	Number	2007 Economic Census land area
AWATEREC	14	Number	2007 Economic Census water area
INTPTLATEC	11	String	2007 Economic Census latitude of the internal point
INTPTLONEC	12	String	2007 Economic Census longitude of the internal point

4.11 Congressional Districts

Congressional district geography and attributes are available by state in the following shapefiles:

111th Congressional District State-based Shapefile

108th Congressional District State-based Shapefile

Congressional Districts are the 435 areas from which people are elected to the U.S. House of Representatives. After the apportionment of congressional seats among the states based on census population counts, each state is responsible for establishing congressional districts for the purpose of electing representatives. Each congressional district is to be as equal in population to all other congressional districts in a state as practicable.

The 2009 TIGER/Line Shapefiles contain the 111th and 108th Congressional Districts. All congressional districts appearing in the 2009 TIGER/Line Shapefiles reflect the information provided to the Census Bureau by the states. The 111th Congressional District shapefile contains the areas in effect January 2009 to 2011 and will be the tabulation congressional districts for the 2010 census. The congressional districts for the 108th Congress (January 2003 to 2005) were the first to reflect redistricting based on Census 2000.

Each state has a minimum of one representative in the U.S. House of Representatives. The District of Columbia, Puerto Rico, American Samoa, Guam, and the U.S. Virgin Islands have a non-voting delegate in the Congress. The Commonwealth of the Northern Mariana Islands had no representative in the 108th Congress, but was granted a non-voting delegate during the 111th Congress. This change occurred too late for inclusion in the 2009 TIGER/Line Shapefiles.

Congressional District Codes—Congressional districts are identified by a 2-character numeric FIPS code. Congressional districts are numbered uniquely within state. The District of Columbia, Puerto Rico, and the Island areas have codes 98 and 99 assigned, as appropriate, identifying their status with respect to representation in Congress:

- 01 to 53—Congressional district codes
- 00—At large (single district for state)
- 98—Nonvoting delegate
- 99—Area with no representative in Congress

4.11.1 111th Congressional District Shapefile Record Layout

File Name: tl_2009_<state FIPS>_cd111.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
CD111FP	2	String	111th Congressional District FIPS code
CD111IDFP	7	String	111th Congressional District identifier; a concatenation of current state FIPS code, the 111 th congressional session code, and the 111th Congressional District FIPS code
NAMELSAD	41	String	Current name and the translated legal/statistical area description for congressional district
LSAD	2	String	Current legal/statistical area description code for congressional district
CDESSN	3	String	111th congressional session code
MTFCC	5	String	MAF/TIGER feature class code (G5200)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.11.2 108th Congressional District Shapefile Record Layout

File Name: tl_2009_<state FIPS>_cd108.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
CD108FP	2	String	108 th congressional district FIPS code
CD108IDFP	7	String	108 th congressional district identifier; a concatenation of Census 2000 state FIPS code, the 108 th congressional session code, and the 108 th congressional district FIPS code
NAMELSAD00	41	String	Census 2000 name and the translated legal/statistical area description for congressional district
LSAD00	2	String	Census 2000 legal/statistical area description code for congressional district
CDESSN	3	String	108 th congressional session code
MTFCC00	5	String	MAF/TIGER feature class code (G5200)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.12 Consolidated Cities

Consolidated city geography and attributes are available in the following shapefiles:

Consolidated City State-based Shapefile (Current)
Consolidated City State-based Shapefile (Census 2000)

Consolidated City—A consolidated government is a unit of local government for which the functions of an incorporated place and its county or minor civil division (MCD) have merged. This action results in both the primary incorporated place and the county or MCD continuing to exist as legal entities, even though the county or MCD performs few or no governmental functions and has few or no elected officials. Where this occurs, and where one or more other incorporated places in the county or MCD continue to function as separate governments, even though they have been included in the consolidated government, the primary incorporated place is referred to as a consolidated city. The Census Bureau classifies the separately incorporated places within the consolidated city as place entities and creates a separate place (balance) record for the portion of the consolidated city not within any other place. Consolidated cities are represented in the TIGER/Line Shapefiles by a 5-character numeric FIPS code and a National Standard (ANSI) code.

Consolidated City (Balance) Portions refer to the areas of a consolidated city not included in another separately incorporated place. For example, Butte-Silver Bow, MT, is a consolidated city (former Butte city and Silver Bow County) that includes the separately incorporated municipality of Walkerville city. The area of the consolidated city that is not in Walkerville city is assigned to Butte-Silver Bow (balance). The name always includes the "(balance)" identifier. Balance portions of consolidated cities are included in the Place shapefiles.

4.12.1 Consolidated City Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_concity.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
CONCTYFP	5	String	Current consolidated city FIPS code
CONCTYNS	8	String	Current consolidated city ANSI code
CCTYIDFP	7	String	Current consolidated city identifier; a concatenation of current state FIPS code and consolidated city FIPS code
NAME	100	String	Current consolidated city name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for consolidated city
LSAD	2	String	Current legal/statistical area description code for consolidated city
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4120)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.12.2 Consolidated City Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_concity00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
CONCTYFP00	5	String	Census 2000 consolidated city FIPS code
CCTYIDFP00	7	String	Census 2000 consolidated city identifier; a concatenation of Census 2000 state FIPS code and consolidated city FIPS code
NAME00	100	String	Census 2000 consolidated city name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for consolidated city
LSAD00	2	String	Census 2000 legal/statistical area description code for consolidated city
CLASSFP00	2	String	Census 2000 FIPS class code
CPI00	1	String	Census 2000 urban area central place indicator
MTFCC00	5	String	MAF/TIGER feature class code (G4120)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.13 Counties and Equivalent Entities

County and equivalent entity geography and attributes are available in the following shapefiles:

County and Equivalent Entity National Shapefile (Current)
County and Equivalent Entity National Shapefile (Census 2000)

County and Equivalent Entity State-based Shapefile (Current)
County and Equivalent Entity State-based Shapefile (Census 2000)
County and Equivalent Entity State-based Shapefile (Economic Census)

Counties and Equivalent Entities—The primary legal divisions of most states are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the equivalent entities are the organized boroughs, city and boroughs, and municipalities, and for the unorganized area, census areas. The latter are delineated cooperatively for statistical purposes by the State of Alaska and the Census Bureau. In four states (Maryland, Missouri, Nevada, and Virginia), there are one or more incorporated places that are independent of any county organization and thus constitute primary divisions of their states. These incorporated places are known as independent cities and are treated as county equivalent entities for purposes of data presentation. The District of Columbia and Guam have no primary divisions and each area is considered a county equivalent entity for purposes of data presentation. The Census Bureau treats the following entities as equivalents of counties for purposes of data presentation: municipios in Puerto Rico, districts and islands in American Samoa, municipalities in the Commonwealth of the Northern Mariana Islands, and islands in the U.S. Virgin Islands. Each county or statistically equivalent entity is assigned a three-digit Federal Information Processing Series (FIPS) code that is unique within a state, as well as an eight-digit National Standard (ANSI) code.

Current Geography—Since Census 2000, there have been several changes to the universe of county or equivalent entities. In Colorado, Broomfield County was created from parts of Adams, Boulder, Jefferson, and Weld Counties. The independent city of Clifton Forge, Virginia, changed its status to become Clifton Forge town and is now part of Alleghany County, Virginia. In Alaska: 1) Skagway Municipality was created from part of Skagway-Hoonah-Angoon Census Area and the former Skagway-Hoonah-Angoon Census Area was renamed Hoonah-Angoon Census Area, 2) Wrangell City and Borough was created from part of Wrangell-Petersburg Census Area and the former Wrangell-Petersburg Census Area was renamed Petersburg Census Area, and 3) Ketchikan Gateway annexed the area of Outer Ketchikan from the Prince of Wales-Outer Ketchikan Census Area, which subsequently was renamed Prince of Wales-Hyder Census Area.

The 2009 TIGER/Line Shapefiles are based on the latest available governmental unit boundaries of the counties and equivalent entities.

Detailed information about changes in the inventory and codes for county and equivalent areas can be found at: <http://www.census.gov/geo/www/tiger/ctychg.html>.

Economic Census Geography—The boundaries used for counties and equivalent entities for the 2007 Economic Census are those reported to the Census Bureau to be legally in effect on January 1, 2007. For Economic Census data presentation purposes, the election districts (minor civil divisions) in Guam are recognized as county equivalents. The following are the legal values for the statistically equivalent entities for counties in Guam for the 2007 Economic Census:

Economic Census County and Equivalent Entities

State Code	County Code	Name and Description
66	020	Agana Heights District
66	030	Agat District
66	040	Asan District
66	050	Barrigada District
66	060	Chalan Pago-Ordot District
66	070	Dedeo District
66	075	Hagåtña District
66	080	Inarajan District
66	090	Mangilao District
66	100	Merizo District
66	110	Mongmong-Toto-Maite District
66	120	Piti District
66	130	Santa Rita District
66	140	Sinajana District
66	150	Talofofo District
66	160	Tamuning District
66	170	Umatac District
66	180	Yigo District
66	190	Yona District

In Hawaii, the Economic Census combined Kalawao County into Maui County for the presentation of data.

Core-based Statistical Area (CBSA) Codes – The current and economic census vintage county and equivalent entity shapefiles also contain fields with codes for Combined Statistical Area, Metropolitan or Micropolitan Statistical Area, and Metropolitan Division. These are delineated by whole county, thus county records can be merged to form these areas without having to acquire the individual CBSA shapefiles.

4.13.1 County and Equivalent Entity National Shapefile Record Layout (Current)

File Name: tl_2009_us_county.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUNTYNS	8	String	Current county ANSI code
CNTYIDFP	5	String	Current county identifier; a concatenation of current state FIPS code and county FIPS code
NAME	100	String	Current county name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for county
LSAD	2	String	Current legal/statistical area description code for county
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4020)
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.13.2 County and Equivalent Entity National Shapefile Record Layout (Census 2000)

File Name: tl_2009_us_county00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
CNTYIDFP00	5	String	Census 2000 county identifier; a concatenation of Census 2000 state FIPS code and county FIPS code
NAME00	100	String	Census 2000 county name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for county
LSAD00	2	String	Census 2000 legal/statistical area description code for county
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G4020)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.13.3 County and Equivalent Entity State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_county.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUNTYNS	8	String	Current county ANSI code
CNTYIDFP	5	String	Current county identifier; a concatenation of current state FIPS code and county FIPS code
NAME	100	String	Current county name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for county
LSAD	2	String	Current legal/statistical area description code for county
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4020)
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.13.4 County and Equivalent Entity State-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_county00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
CNTYIDFP00	5	String	Census 2000 county identifier; a concatenation of Census 2000 state FIPS code and county FIPS code
NAME00	100	String	Census 2000 county name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for county
LSAD00	2	String	Census 2000 legal/statistical area description code for county
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G4020)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.13.5 County and Equivalent Entity State-based Shapefile Record Layout (Economic Census)

File Name: tl_2009_<state FIPS>_countyec.shp

Field	Length	Type	Description
STATEFPEC	2	String	2007 Economic Census state FIPS code
COUNTYFPEC	3	String	2007 Economic Census county FIPS code
CNTYIDFPEC	5	String	2007 Economic Census county identifier; a concatenation of 2007 Economic Census state FIPS code and county FIPS code
NAMEEC	100	String	2007 Economic Census county name
NAMLSADEC	100	String	2007 Economic Census name and the translated legal/statistical area description for county
LSADEC	2	String	2007 Economic Census legal/statistical area description code for county
CLASSFPEC	2	String	2007 Economic Census FIPS class code
MTFCCEC	5	String	MAF/TIGER feature class code (G4020)
FUNCSATEC	1	String	2007 Economic Census functional status
ALANDEC	14	Number	2007 Economic Census land area
AWATEREC	14	Number	2007 Economic Census water area
INTPTLATEC	11	String	2007 Economic Census latitude of the internal point
INTPTLONEC	12	String	2007 Economic Census longitude of the internal point

4.14 County Subdivisions

County subdivision geography and attributes are available in the following shapefiles:

County Subdivision State-based Shapefile (Current)
County Subdivision State-based Shapefile (Census 2000)

County Subdivision County-based Shapefile (Current)
County Subdivision County-based Shapefile (Census 2000)

County Subdivisions—County subdivisions are the primary divisions of counties and their equivalent entities for the reporting of decennial census data. They include census county divisions, census subareas, minor civil divisions, and unorganized territories. The TIGER/Line Shapefiles contain a 5-character numeric FIPS code field for county subdivisions and an 8-character numeric National Standard (ANSI) code.

Legal Entities

Minor Civil Divisions (MCDs) are the primary governmental or administrative divisions of a county in many states. MCDs represent many different kinds of legal entities with a wide variety of governmental and/or administrative functions. MCDs include areas variously designated as American Indian reservations, assessment districts, barrios, barrios-pueblo, boroughs, census subdistricts, charter townships, commissioner districts, counties, election districts, election precincts, gores, grants, locations, magisterial districts, parish governing authority districts, plantations, precincts, purchases, supervisor's districts, towns, and townships. The Census Bureau recognizes MCDs in 29 states, Puerto Rico, and the Island areas. The District of Columbia has no primary divisions, and the incorporated place of Washington is treated as an equivalent to an MCD for statistical purposes (it is also considered a state equivalent and a county equivalent). In Guam, the Census Bureau recognizes the entire area as a single county equivalent; the areas in Guam called counties are MCDs.

Tennessee, a state with statistical census county divisions in 2000, requested a change to MCD commissioner districts for the 2010 census. The 2009 current county subdivision shapefiles show these districts.

In 23 states and the District of Columbia, all or some incorporated places are not part of any MCD. These places also serve as primary legal subdivisions and have a unique FIPS MCD code that is the same as the FIPS place code. The ANSI codes also match for those entities. In other states, incorporated places are

part of the MCDs in which they are located, or the pattern is mixed—some incorporated places are independent of MCDs and others are included within one or more MCDs.

The MCDs in 12 states (Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin) also serve as general-purpose local governments that generally can perform the same governmental functions as incorporated places. The Census Bureau presents data for these MCDs in all data products for which place data are provided.

In New York and Maine, American Indian reservations (AIRs) exist outside the jurisdiction of any town (MCD) and thus also serve as the equivalent of MCDs for purposes of data presentation.

Statistical Entities

Census County Divisions (CCDs) are areas delineated by the Census Bureau in cooperation with state officials and local officials for statistical purposes. CCDs have no legal function and are not governmental units. CCD boundaries usually follow visible features and, in most cases, coincide with census tract boundaries. The name of each CCD is based on a place, county, or well-known local name that identifies its location. CCDs exist where:

- 1) There are no legally established minor civil divisions (MCDs);
- 2) The legally established MCDs do not have governmental or administrative purposes;
- 3) The boundaries of the MCDs change frequently;
- 4) The MCDs are not generally known to the public

CCDs have been established for the following 21 states:

Alabama	Arizona	California	Colorado	Delaware	
Florida	Georgia	Hawaii	Idaho	Kentucky	
Montana	Nevada	New Mexico	Oklahoma	Oregon	
South Carolina	Tennessee*	Texas	Utah	Washington	Wyoming

*Tennessee has CCDs only for Census 2000 vintage; the state changed to MCD commissioner districts since 2000.

Census Subareas are statistical subdivisions of boroughs, city and boroughs, municipalities, and census areas, the latter of which are the statistical equivalent entities for counties in Alaska. The state of Alaska and the Census Bureau cooperatively delineate the census subareas to serve as the statistical equivalents of MCDs.

Unorganized Territories (UTs) have been defined by the Census Bureau in 11 minor civil division (MCD) states and American Samoa where portions of counties or equivalent entities are not included in any legally established MCD or incorporated place. The Census Bureau recognizes such separate pieces of territory as one or more separate county subdivisions for census purposes. It assigns each unorganized territory a descriptive name, followed by the designation “unorganized territory” and county subdivision FIPS and ANSI codes. The following states and equivalent entities had in Census 2000 or now have unorganized territories:

Arkansas	Indiana	Iowa	Louisiana*
Maine	Minnesota	New York ⁺	North Carolina
North Dakota	Ohio*	South Dakota	American Samoa ⁺

*Unorganized territories existed in Louisiana and Ohio in 2000, but do not exist there currently.

⁺Unorganized territories exist in New York and American Samoa currently, but did not exist there in 2000.

County Subdivisions Not Defined—In water bodies, primarily Great Lakes waters and territorial sea, legal county subdivisions do not extend to cover the entire county. For these areas, the Census Bureau created a county subdivision with a FIPS code of 00000 and ANSI code of 00000000 named “county subdivision not defined”. The following states and equivalent areas have these county subdivisions for both 2000 and current geography:

Connecticut	Illinois	Indiana	Maine
Massachusetts	Michigan	Minnesota	New Hampshire
New Jersey	New York	Ohio	Pennsylvania
Rhode Island	Wisconsin	Puerto Rico	U.S. Virgin Islands

Current Geography—The boundaries identified as current for MCDs are updated boundaries collected since Census 2000 as part of the Census Bureau's Boundary and Annexation Survey. Because unorganized territories occupy the same level of geography as legal MCDs, updates to the MCD boundaries may affect the current boundaries of the unorganized territories, including the elimination of some of the Census 2000 unorganized territories or the creation of new current unorganized territories. County subdivisions also must nest within county or equivalent entities so that any changes in the inventory or boundaries of counties affect county subdivisions. For all other statistical county subdivision entities, the boundaries shown are those in effect at the time of Census 2000 whether the data are identified as Census 2000 or current. In some cases, corrections to accommodate locally requested updates have caused changes to the CCD inventory and boundaries.

New England City and Town Area (NECTA) Codes — The current county subdivision shapefiles also contain fields with codes for Combined New England City and Town Area, New England City and Town Area, and New England City and Town Area Division. The NECTAs are delineated by whole county subdivision, thus county subdivision records can be merged to form these areas without having to acquire the individual NECTA shapefiles.

4.14.1 County Subdivision State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_cousub.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUSUBFP	5	String	Current county subdivision FIPS code
COUSUBNS	8	String	Current county subdivision ANSI code
COSBIDFP	10	String	Current county subdivision identifier; a concatenation of current state FIPS code, county FIPS code, and county subdivision FIPS code.
NAME	100	String	Current county subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for county subdivision
LSAD	2	String	Current legal/statistical area description code for county subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
CNECTAFP	3	String	Current combined New England city and town area code
NECTAFP	5	String	Current New England city and town area code
NCTADVFP	5	String	Current New England city and town area division code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.14.2 County Subdivision State-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_cousub00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
COUSUBFP00	5	String	Census 2000 county subdivision FIPS code
COSBIDFP00	10	String	Census 2000 county subdivision identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, and county subdivision FIPS code.
NAME00	100	String	Census 2000 county subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description code for county subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for county subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.14.3 County Subdivision County-based Shapefile Record Layout (Current)

File Name: File Name: tl_2009_<state-county FIPS>_cousub.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUSUBFP	5	String	Current county subdivision FIPS code
COUSUBNS	8	String	Current county subdivision ANSI code
COSBIDFP	10	String	Current county subdivision identifier; a concatenation of current state FIPS code, county FIPS code, and county subdivision FIPS code
NAME	100	String	Current county subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for county subdivision
LSAD	2	String	Current legal/statistical area description code for county subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4040)
CNECTAFP	3	String	Current combined New England city and town area code
NECTAFP	5	String	Current New England city and town area code
NCTADVFP	5	String	Current New England city and town area division code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.14.4 County Subdivision County-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state-county FIPS>_cousub00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
COUSUBFP00	5	String	Census 2000 county subdivision FIPS code
COSBIDFP00	10	String	Census 2000 county subdivision identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, and county subdivision FIPS code
NAME00	100	String	Census 2000 county subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for county subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for county subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G4040)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.15 Feature Names

Feature name information is available by county in the following relationship file:

Feature Names Relationship File

The Feature Names Relationship File contains a record for each feature name-edge combination, and includes the feature name attributes. The edge to which a Feature Names Relationship File record applies can be determined by linking to the All Lines shapefile on the permanent edge identifier (TLID) attribute. Multiple Feature Names relationship table records can link to the same edge. For example, a road edge could link to U.S. Hwy 22 and Rathburn Road. The linear feature to which the feature name applies is identified by the linear feature identifier (LINEARID) attribute. Multiple feature names may exist for the same edge. Linear features are not included in the data set, but could be constructed using the All Lines shapefile and the relationship tables.

Note that the MTFCC in this relationship file refers to the specific MAF/TIGER feature class code associated with this linear feature and feature name. If the edge is both a road and a rail feature, the name associated with the rail feature will carry a rail feature MTFCC. If there are any address ranges on the edge, they apply only to the designated street features.

Appendices C, D, and E of this document include additional information about feature name components.

4.15.1 Feature Names Relationship File Record Layout

File Name: tl_2009_<state-county FIPS>_featnames.dbf

Field	Length	Type	Description
TLID	10	Integer	Permanent edge identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
NAME	100	String	Base name portion of the standardized name
PREDIRABRV	15	String	Prefix direction description component of the feature name
PRETYPABRV	50	String	Prefix type description component of the feature name
PREQUALABR	15	String	Prefix qualifier description component of the feature name
SUFDIRABRV	15	String	Suffix direction description component of the feature name
SUFTYPABRV	50	String	Suffix type description component of the feature name
SUFQUALABR	15	String	Suffix qualifier description component of the feature name
PREDIR	2	String	Prefix direction code component of the feature name
PRETYP	3	String	Prefix type code description component of the feature name
PREQUAL	2	String	Prefix qualifier code component of the feature name
SUFDIR	2	String	Suffix direction code component of the feature name
SUFTYP	3	String	Suffix type code description component of the feature name
SUFQUAL	2	String	Suffix qualifier code component of the feature name
LINEARID	22	String	Linear feature identifier
MTFCC	5	String	MAF/TIGER feature class code
PAFLAG	1	String	Primary/alternate flag

4.16 Hydrography

Area hydrography features and attributes are available by county in the following shapefile:

Area Hydrography Shapefile

The Area Hydrography Shapefile contains the geometry and attributes of both perennial and intermittent area hydrography features, including ponds, lakes, oceans, swamps, glaciers, and the area covered by large streams represented as double-line drainage. Single-line drainage water features can be found in the All Lines Shapefile.

Single-line drainage water features include artificial path features that run through double-line drainage features such as rivers and streams, and serve as a linear representation of these features. The artificial path features may correspond to those in the USGS National Hydrographic Dataset (NHD). However, in many cases the features do not match NHD equivalent feature and will not carry the NHD metadata codes.

Shorelines for area hydrography can be found in the All Lines shapefiles with MTFCC set to either "P0002" (shoreline of perennial water feature) or "P0003" (shoreline of intermittent water feature).

4.16.1 Hydrography Shapefile Record Layout

File Name: tl_2009_<state-county FIPS>_areawater.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
ANSICODE	8	String	Current official code for the water body for use by federal agencies for data transfer and dissemination, if applicable
HYDROID	22	String	Area hydrography identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.17 Landmarks (Area and Point)

Landmark features and attributes are available by county in the following shapefiles:

Area Landmark Shapefile

Point Landmark Shapefile

The Census Bureau includes landmarks in the MAF/TIGER database for locating special features and to help enumerators during field operations. Some of the more common landmark types include area landmarks such as airports, cemeteries, parks, and educational facilities and point landmarks such as schools and churches.

The Census Bureau added landmark features to the database on an as-needed basis and made no attempt to ensure that all instances of a particular feature were included. The absence of a landmark such as a hospital or prison does not mean that the living quarters associated with that landmark were excluded from the Census 2000 enumeration. The address list used for the census was maintained apart from the landmark data.

In the last year, the Census Bureau has systematically added several types of point landmarks to the MAF/TIGER Database (MTDB) to provide additional locational reference points for census takers in the field. The landmarks include airports, cemeteries, locales, populated places, and pillars and summits from the Geographic Names Information System (GNIS). Landmarks from this source have a GNIS ANSI Code to identify them.

Landmark and water features can overlap. The most common situation is a park or other special land-use feature that includes a lake or pond. In this case, the polygon covered by the lake or pond belongs to a water feature and a park landmark feature. Other kinds of landmarks can overlap as well. Area landmarks can contain point landmarks; these are not linked in the TIGER/Line Shapefiles.

Landmarks may be identified by a MAF/TIGER feature class code only and may not have a name. Each landmark has a unique area landmark identifier (AREAID) or point landmark identifier (POINTID) value.

4.17.1 Area Landmark Shapefile Record Layout

File Name: tl_2009_<state-county FIPS>_arealm.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
ANSICODE	8	String	Current official code for the landmark for use by federal agencies for data transfer and dissemination
AREAID	22	String	Area landmark identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.17.2 Point Landmark Shapefile Record Layout

File Name: tl_2009_<state-county FIPS>_pointlm.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
ANSICODE	8	String	Current official code for the point landmark for use by federal agencies for data transfer and dissemination, if applicable
POINTID	22	String	Point landmark identifier
FULLNAME	100	String	Concatenation of expanded text for prefix type, base name, and suffix type with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code

4.18 Metropolitan and Micropolitan Statistical Areas and Related Statistical Areas

Metropolitan and micropolitan statistical area and related statistical area geography and attributes are available in the following shapefiles:

- Combined New England City and Town Area (CNECTA) National Shapefile (Current)*
- Combined Statistical Area (CSA) National Shapefile (Current)*
- Metropolitan Division National Shapefile (Current)*
- Metropolitan Statistical Area/Micropolitan Statistical Area (CBSA) National Shapefile (Current)*
- New England City and Town Area (NECTA) National Shapefile (Current)*
- New England City and Town Area (NECTA) Division National Shapefile (Current)*

- Combined New England City and Town Area (CNECTA) State-based Shapefile (Current)*
- Combined Statistical Area (CSA) State-based Shapefile (Current)*
- Metropolitan Division State-based Shapefile (Current)*
- Metropolitan Statistical Area/Micropolitan Statistical Area (CBSA) State-based Shapefile (Current)*
- New England City and Town Area (NECTA) State-based Shapefile (Current)*
- New England City and Town Area (NECTA) Division State-based Shapefile (Current)*

On June 6, 2003, the U.S. Office of Management and Budget (OMB) announced the definition of metropolitan statistical areas and micropolitan statistical areas based on the official standards that were published in the Federal Register on December 27, 2000. These standards were developed by the interagency Metropolitan Area Standards Review Committee to provide a nationally consistent set of geographic entities for the United States and Puerto Rico. No metropolitan or micropolitan areas are defined in the Island Areas.

The general concept of a metropolitan statistical area or micropolitan statistical area is that of a core area containing a substantial population nucleus, together with adjacent communities having a high degree of economic and social integration with that core. The term "core based statistical area" (CBSA) became effective in 2000 and refers collectively to metropolitan statistical areas and micropolitan statistical areas.

The 2000 standards provide that each CBSA must contain at least one urban area of 10,000 or more population. Each metropolitan statistical area must have at least one urbanized area of 50,000 or more inhabitants. Each micropolitan statistical area must have at least one urban cluster of at least 10,000 but less than 50,000 population. The categorization of CBSAs as either a metropolitan statistical area or a micropolitan statistical area is based on the population in the most populous (or dominant) core, not the total CBSA population or the total population of all (multiple) cores within the CBSA. If specified criteria are met, a metropolitan statistical area containing a single core with a population of 2.5 million or more may be subdivided to form smaller groupings of counties referred to as metropolitan divisions.

Under the standards, the county (or counties) or equivalent entity (or entities) in which at least 50 percent of the population resides within urban areas of 10,000 or more population, or that contain at least 5,000 people residing within a single urban area of 10,000 or more population, is identified as a central county (counties). Additional outlying counties are included in the CBSA if they meet specified requirements of commuting to or from the central counties. Counties or equivalent entities form the building blocks for metropolitan and micropolitan statistical areas throughout the United States and Puerto Rico.

In New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont), the OMB has defined an alternative county subdivision- (generally city- and town-) based definition of CBSAs known as New England city and town areas (NECTAs). NECTAs are defined using the same criteria as metropolitan statistical areas and micropolitan statistical areas and are identified as either metropolitan or micropolitan, based, respectively, on the presence of either an urbanized area of 50,000 or more population or an urban cluster of at least 10,000 and less than 50,000 population. A NECTA containing a single core with a population of at least 2.5 million may be subdivided to form smaller groupings of cities and towns referred to as NECTA divisions.

The metropolitan and micropolitan statistical area boundaries, names, and codes appearing in the 2009 TIGER/Line Shapefiles are the updates to metropolitan and micropolitan statistical areas as of November 2008, announced by the OMB on November 20, 2008.

Combined New England City and Town Areas (CNECTAs) consist of two or more adjacent New England city and town areas (NECTAs) that have significant employment interchanges. The NECTAs that combine to create a CNECTA retain separate identities within the larger combined statistical areas. Because CNECTAs represent groupings of NECTAs they should not be ranked or compared with individual NECTAs.

Combined Statistical Areas (CSAs) consist of two or more adjacent CBSAs that have significant employment interchanges. The CBSAs that combine to create a CSA retain separate identities within the larger CSAs. Because CSAs represent groupings of metropolitan and micropolitan statistical areas, they should not be ranked or compared with individual metropolitan and micropolitan statistical areas.

Core Based Statistical Areas (CBSAs) consist of the county or counties or equivalent entities associated with at least one core (urbanized area or urban cluster) of at least 10,000 population, plus adjacent counties having a high degree of social and economic integration with the core as measured through commuting ties with the counties containing the core. A CBSA receives a category based on the population of the largest urban area within the CBSA. Categories of CBSAs are: metropolitan statistical areas, based on urbanized areas of 50,000 or more population, and micropolitan statistical areas, based on urban clusters of at least 10,000 population but less than 50,000 population.

Metropolitan Divisions are created when metropolitan statistical area containing a single core with a population of at least 2.5 million is subdivided to form smaller groupings of counties or equivalent entities. Not all metropolitan statistical areas with urbanized areas of this size will contain metropolitan divisions. A metropolitan division consists of one or more main counties that represent an employment center or centers, plus adjacent counties associated with the main county or counties through commuting ties. Because metropolitan divisions represent subdivisions of larger metropolitan statistical areas, it is not appropriate to rank or compare metropolitan divisions with metropolitan and micropolitan statistical areas. It would be appropriate to rank and compare metropolitan divisions.

Metropolitan Statistical Areas are CBSAs associated with at least one urbanized area that has a population of at least 50,000. The metropolitan statistical area comprises the central county or counties or equivalent entities containing the core, plus adjacent outlying counties having a high degree of social and economic integration with the central county through commuting.

Micropolitan Statistical Areas are CBSAs associated with at least one urban cluster that has a population of at least 10,000, but less than 50,000. The micropolitan statistical area comprises the central county or counties or equivalent entities containing the core, plus adjacent outlying counties having a high degree of social and economic integration with the central county as measured through commuting.

New England City and Town Areas (NECTAs) are an alternative set of geographic entities, similar in concept to the county-based CBSAs, that OMB defines in New England based on county subdivisions—usually cities and towns. NECTAs receive a category in a manner similar to CBSAs and are referred to as metropolitan NECTAs or micropolitan NECTAs.

New England City and Town Area (NECTA) Divisions are created when a NECTA containing a single core with a population of at least 2.5 million is to form smaller groupings of cities and towns. A NECTA division consists of a main city or town that represents an employment center, plus adjacent cities and towns associated with the main city or town through commuting ties. Each NECTA division must contain a total population of 100,000 or more. Because NECTA divisions represent subdivisions of larger NECTAs, it is not appropriate to rank or compare NECTA divisions with NECTAs. It would be appropriate to rank and compare NECTA divisions.

Principal Cities of a CBSA (metropolitan statistical area, micropolitan statistical area, or NECTA) includes the largest incorporated place with a Census 2000 population of at least 10,000 in the CBSA or, if no incorporated place of at least 10,000 population is present in the CBSA, the largest incorporated place or census designated place (CDP) in the CBSA. Principal cities also include any additional incorporated place or CDP with a Census 2000 population of at least 250,000 or in which 100,000 or more persons work. The OMB also defines as principal cities any additional incorporated place or CDP with a Census 2000 population of at least 10,000, but less than 50,000, and one-third the population size of the largest place, and in which the number of jobs meets or exceeds the number of employed residents. Note that there are some places designated as principal cities of NECTAs that are not principal cities of a CBSA. All CBSAs have at least one principal city and there is one place—Holland City, MI—that is a principal city of two CBSAs (Allegan, MI and Holland-Grand Haven, MI).

Core Based Statistical Area Codes—The metropolitan statistical areas, micropolitan statistical areas, New England city and town areas (NECTAs), metropolitan divisions, and New England city and town area divisions are identified using a 5-digit numeric code. The codes for metropolitan and micropolitan statistical areas and metropolitan divisions are assigned in alphabetical order by area title and fall within the 10000 to 59999 range. Metropolitan divisions are distinguished by a 5-digit code ending in "4". NECTA and NECTA division codes fall within the 70000 to 79999 range and are assigned in alphabetical order by area title. NECTA divisions are distinguished by a 5-digit code ending in "4". The combined statistical areas and combined New England city and town areas are identified using a 3-digit numeric code. Combined statistical area codes fall within the 100 to 599 range. Combined NECTA codes fall within the 700 to 799 range. Since CBSA codes are defined nationally, no additional codes are required to provide a unique entity identifier. Since lower level divisions nest within CBSA and CBSAs nest within combined areas, the higher level codes exist in the record layouts for the subordinate entity types.

4.18.1 Combined New England City and Town Area (CNECTA) National Shapefile Record Layout (Current)

File Name: tl_2009_us_cnecta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code
NAME	100	String	Current combined New England city and town area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for combined New England city and town area
LSAD	2	String	Current legal/statistical area description code for combined New England city and town area
MTFCC	5	String	MAF/TIGER feature class code (G3200)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.18.2 Combined New England City and Town Area (CNECTA) State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_cnecta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code
NAME	100	String	Current combined New England city and town area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for combined New England city and town area
LSAD	2	String	Current legal/statistical area description code for combined New England city and town area
MTFCC	5	String	MAF/TIGER feature class code (G3200)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

4.18.3 Combined Statistical Area (CSA) National Shapefile Record Layout (Current)

File Name: tl_2009_us_csa.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code
NAME	100	String	Current combined statistical area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for combined statistical area
LSAD	2	String	Current legal/statistical area description code for combined statistical area
MTFCC	5	String	MAF/TIGER feature class code (G3100)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.18.4 Combined Statistical Area (CSA) State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_csa.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code
NAME	100	String	Current combined statistical area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for combined statistical area
LSAD	2	String	Current legal/statistical area description code for combined statistical area
MTFCC	5	String	MAF/TIGER feature class code (G3100)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

4.18.5 Metropolitan Division National Shapefile Record Layout (Current)

File Name: tl_2009_us_metdiv.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
NAME	100	String	Current metropolitan division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for metropolitan division
LSAD	2	String	Current legal/statistical area description code for metropolitan division
MTFCC	5	String	MAF/TIGER feature class code (G3120)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.18.6 Metropolitan Division State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_metdiv.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
NAME	100	String	Current metropolitan division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for metropolitan division
LSAD	2	String	Current legal/statistical area description code for metropolitan division
MTFCC	5	String	MAF/TIGER feature class code (G3120)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

4.18.7 Metropolitan Statistical Area/Micropolitan Statistical Area (CBSA) National Shapefile Record Layout (Current)

File Name: tl_2009_us_cbsa.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code, if applicable
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
NAME	100	String	Current metropolitan statistical area/micropolitan statistical area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for metropolitan statistical area/micropolitan statistical area
LSAD	2	String	Current legal/statistical area description code for metropolitan statistical area/micropolitan statistical area
MEMI	1	String	Current metropolitan/micropolitan status indicator
MTFCC	5	String	MAF/TIGER feature class code (G3110)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.18.8 Metropolitan/Micropolitan Statistical Area (CBSA) State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_cbsa.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code, if applicable
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
NAME	100	String	Current metropolitan statistical area/micropolitan statistical area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for metropolitan statistical area/micropolitan statistical area
LSAD	2	String	Current legal/statistical area description code for metropolitan statistical area/micropolitan statistical area
MEMI	1	String	Current metropolitan/micropolitan status indicator
MTFCC	5	String	MAF/TIGER feature class code (G3110)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within file

4.18.9 New England City and Town Area (NECTA) Shapefile National Record Layout (Current)

File Name: tl_2009_us_necta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code, if applicable
NECTAFP	5	String	Current New England city and town area code
NAME	100	String	Current New England city and town area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for New England city and town area
LSAD	2	String	Current legal/statistical area description code for New England city and town area
NMEMI	1	String	Current New England city and town area metropolitan/micropolitan status indicator
MTFCC	5	String	MAF/TIGER feature class code (G3210)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.18.10 New England City and Town Area (NECTA) State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_necta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code, if applicable
NECTAFP	5	String	Current New England city and town area code
NAME	100	String	Current New England city and town area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for New England city and town area
LSAD	2	String	Current legal/statistical area description code for New England city and town area
NMEMI	1	String	Current New England city and town area metropolitan/micropolitan status indicator
MTFCC	5	String	MAF/TIGER feature class code (G3210)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

4.18.11 New England City and Town Area (NECTA) Division Shapefile National Record Layout (Current)

File Name: tl_2009_us_nectadiv.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code, if applicable
NECTAFP	5	String	Current New England city and town area code
NCTADVFP	5	String	Current New England city and town area division code
NAME	100	String	Current New England city and town area division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for New England city and town area division
LSAD	2	String	Current legal/statistical area description code for New England city and town area division
MTFCC	5	String	MAF/TIGER feature class code (G3220)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.18.12 New England City and Town Area (NECTA) Division State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_nectadiv.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current Combined New England City and Town Area FIPS code.
NECTAFP	5	String	Current New England City and Town Area FIPS code
NCTADVFP	5	String	Current New England City and Town Area Division FIPS code
NAME	100	String	Current New England City and Town Area Division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for New England City and Town Area division
LSAD	2	String	Current legal/statistical area description code for New England City and Town Area division
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

4.19 Military Installations

Military installation geography and attributes are available in the following shapefiles:

- Military Installation National Shapefile*
- Military Installation State-based Shapefile*

The Census Bureau includes landmarks such as military installations in the MAF/TIGER database for locating special features and to help enumerators during field operations. The Census Bureau added landmark features to the database on an as-needed basis and made no attempt to ensure that all instances of a particular feature were included. For additional information about area landmarks, please see Section 4.17, Landmarks (Area and Point).

This file does not include the three point landmarks identified as military installation features in the MAF/TIGER database. These point landmarks are included in the Point Landmark Shapefile.

Although almost all military installations have assigned 8-character National Standard (ANSI) codes, the Census Bureau has not loaded any of this data into the MAF/TIGER database. The 2009 military shapefiles do not include this ANSICODE.

4.19.1 Military Installation National Shapefile Record Layout

File Name: tl_2009_us_mil.shp

Field	Length	Type	Description
ANSICODE	8	String	Current official code for the landmark for use by federal agencies for data transfer and dissemination
AREAID	22	String	Area landmark identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.19.2 Military Installation State-based Shapefile

File Name: tl_2009_<state FIPS>_mil.shp

Field	Length	Type	Description
ANSICODE	8	String	Current official code for the landmark for use by federal agencies for data transfer and dissemination
AREAID	22	String	Area landmark identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Latitude of the internal point
INTPTLON	12	String	Longitude of the internal point

4.20 Other Identifiers

Other identifier information is available by county in the following relationship file:

Other Identifiers Relationship File

The Other Identifiers Relationship File contains external identifier codes, such as National Hydrographic Dataset (NHD) codes and individual county identifiers. The edge to which an Other Identifiers Relationship File record applies can be determined by linking to the All Lines shapefile on the permanent edge identifier (TLID) attribute. Not every TLID has an external identifier associated with it and some TLIDs may have more than one.

4.20.1 Other Identifiers Relationship File Record Layout

File Name: tl_2009_<state-county FIPS>_otherid.dbf

Field	Length	Type	Description
TLID	10	Integer	Permanent edge identifier
EXTID	33	String	External identifier
EXIDTYP	1	String	External identifier type

4.21 Places

Place geography and attributes are available by state in the following shapefiles:

- Place Shapefile (Current)*
- Place Shapefile (Census 2000)*
- Place Shapefile (Economic Census)*

The TIGER/Line Shapefiles include both incorporated places (legal entities) and census designated places (statistical entities).

Incorporated Places are those reported to the Census Bureau as legally in existence as of the latest Boundary and Annexation Survey (BAS), under the laws of their respective states. An incorporated place is established to provide governmental functions for a concentration of people as opposed to a minor civil division (MCD), which generally is created to provide services or administer an area without regard, necessarily, to population. Places may extend across county and county subdivision boundaries. An incorporated place usually is a city, town, village, or borough, but can have other legal descriptions. For census purposes, incorporated places exclude:

- The boroughs in Alaska (treated as statistical equivalents of counties)
- Towns in the New England states, New York, and Wisconsin (treated as MCDs)
- The boroughs in New York (treated as MCDs)

The City and Borough of Yakutat, Alaska and Municipality of Skagway, Alaska (treated as statistical equivalents of counties)

Census Designated Places (CDPs) are delineated for the decennial census as the statistical counterparts of incorporated places. CDPs are delineated to provide data for settled concentrations of population that are identifiable by name, but are not legally incorporated under the laws of the state in which they are located. The boundaries usually are defined in cooperation with local or tribal officials. The boundaries of CDPs, which usually coincide with visible features or the boundary of an adjacent incorporated place or another legal entity boundary, have no legal status, nor do these places have officials elected to serve traditional municipal functions. CDP boundaries may change from one decennial census to the next with changes in the settlement pattern; a CDP with the same name as in an earlier census does not necessarily have the same boundary. There are no population size requirements for CDPs for Census 2000.

Hawaii is the only state that has no incorporated places recognized by the Census Bureau. All places shown in the Census 2000 data products for Hawaii are CDPs. By agreement with the State of Hawaii, the Census Bureau does not show data separately for the city of Honolulu, which is coextensive with Honolulu County. In Puerto Rico, which also does not have incorporated places, the Census Bureau recognizes only CDPs. The CDPs in Puerto Rico are called *comunidades* or *zonas urbanas*. Guam and the Commonwealth of the Northern Mariana Islands also have only CDPs.

Place Codes—The FIPS place code uniquely identifies a place within a state. If place names are duplicated within a state and they represent distinctly different areas, a separate code is assigned to each place name alphabetically by the primary county in which each place is located, or, if both places are in the same county, alphabetically by their legal descriptions (for example, "city" before "village"). All places also have eight-character National Standard (ANSI) code.

Dependent and Independent Places—Depending on the state, incorporated places are either dependent within, or independent of, county subdivisions, or there is a mixture of dependent and independent places in the state. Dependent places are part of the county subdivision; the county subdivision code of the place is the same as that of the underlying county subdivision(s), but is different from the FIPS place code. Independent places are not part of any minor civil division (MCD) and serve as primary county subdivisions. The independent place FIPS code usually is the same as that used for the MCD for the place. The only exception is if the place is independent of the MCDs in a state in which the FIPS MCD codes are in the 90000 range. Then, the FIPS MCD and FIPS place codes will differ. CDPs always are dependent within county subdivisions and all places are dependent within statistical county subdivisions.

Independent Cities- Baltimore City, MD; St. Louis City, MO; Carson City, NV; and all 39 cities (40 in 2000) in Virginia are not part of any surrounding county and are treated as both equivalent to a county and an MCD (in MCD states). The FIPS code for St. Louis City is the same as the FIPS county subdivision code. All the others have differing FIPS place and county subdivision codes. Carson, NV is unique being dependent with a statistical census county division of the same name. At the county level, independent cities have an 3-digit county code of 500 or higher.

Geographic Corridors and Offset Geographic Boundaries—A geographic corridor (formerly called corporate corridor) is a narrow, linear part of an incorporated place (or in a very few instances, another type of legal entity). The geographic corridor includes the street and/or right-of-way, or a portion of the street and/or right-of-way within the incorporated place. It excludes from the incorporated place those structures such as houses, apartments, or businesses that front along the street or road.

A geographic limit offset boundary (formerly called corporate limit offset boundary) exists where the incorporated place lies on only one side of the street, and may include all or part of the street and/or the right-of-way. It does not include the houses or land that adjoins the side of the street with the geographic limit offset boundary. It is possible to have two or more geographic limit offset boundaries in the same street or right-of-way. Geographic limit offset boundaries use the same map symbology as non-offset boundaries. Figures 8 and 9 depict geographic corridors and geographic offset limits.

Geographic corridor address ranges are related by using the All Lines Shapefile and Address Ranges Relationship File permanent feature identifier (TLID) to the corridor bounding edge adjacent to the road edge. The street names are related to the address ranges on the geographic corridor bounding edges through the Address Range-Feature Name Relationship File. By assigning the address range to the

Figure 8 Geographic Corridors—Overview

This diagram, using symbology typical of a census map, shows a geographic corridor linking the two larger areas of Place 38520 (shading has been added to highlight the actual area within the corporate limits). Part of the geographic limit along Orange St is an offset boundary. A geographic limit offset covers only one side of the street or right-of-way, not the entire street or right-of-way, as is the case with a geographic corridor.

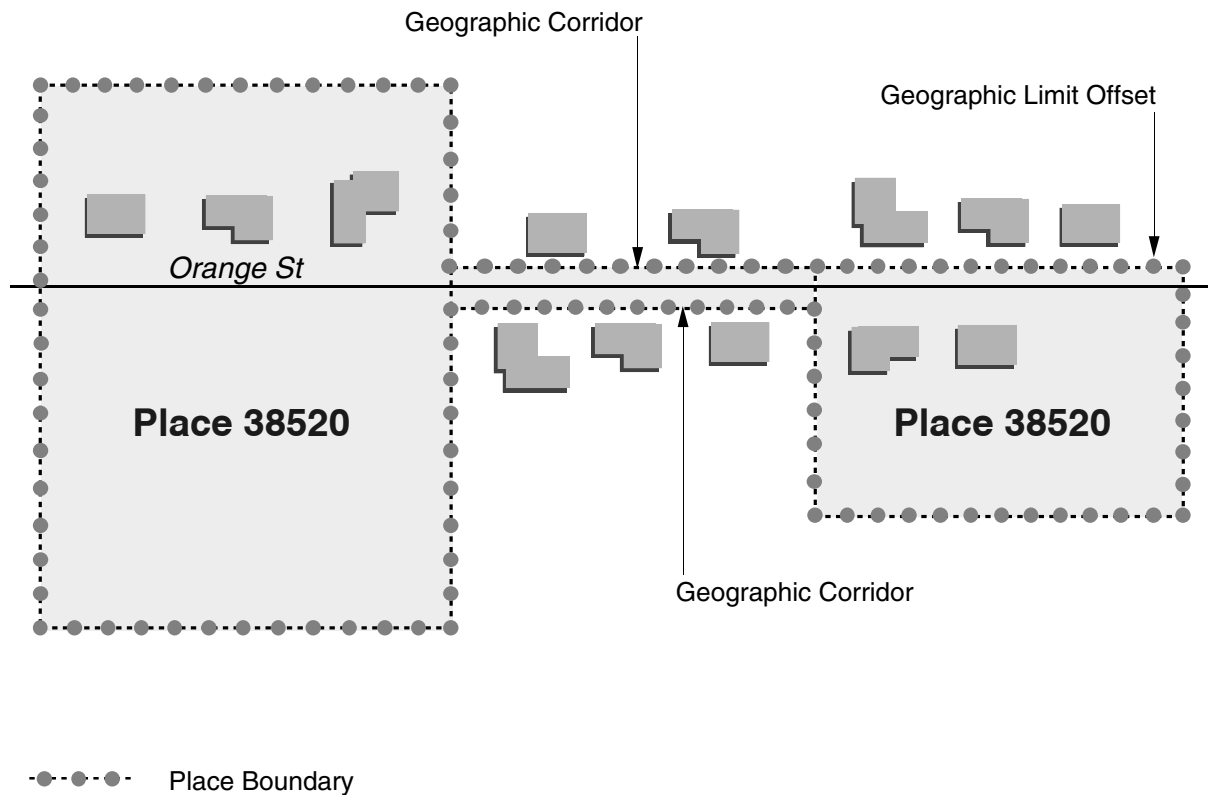
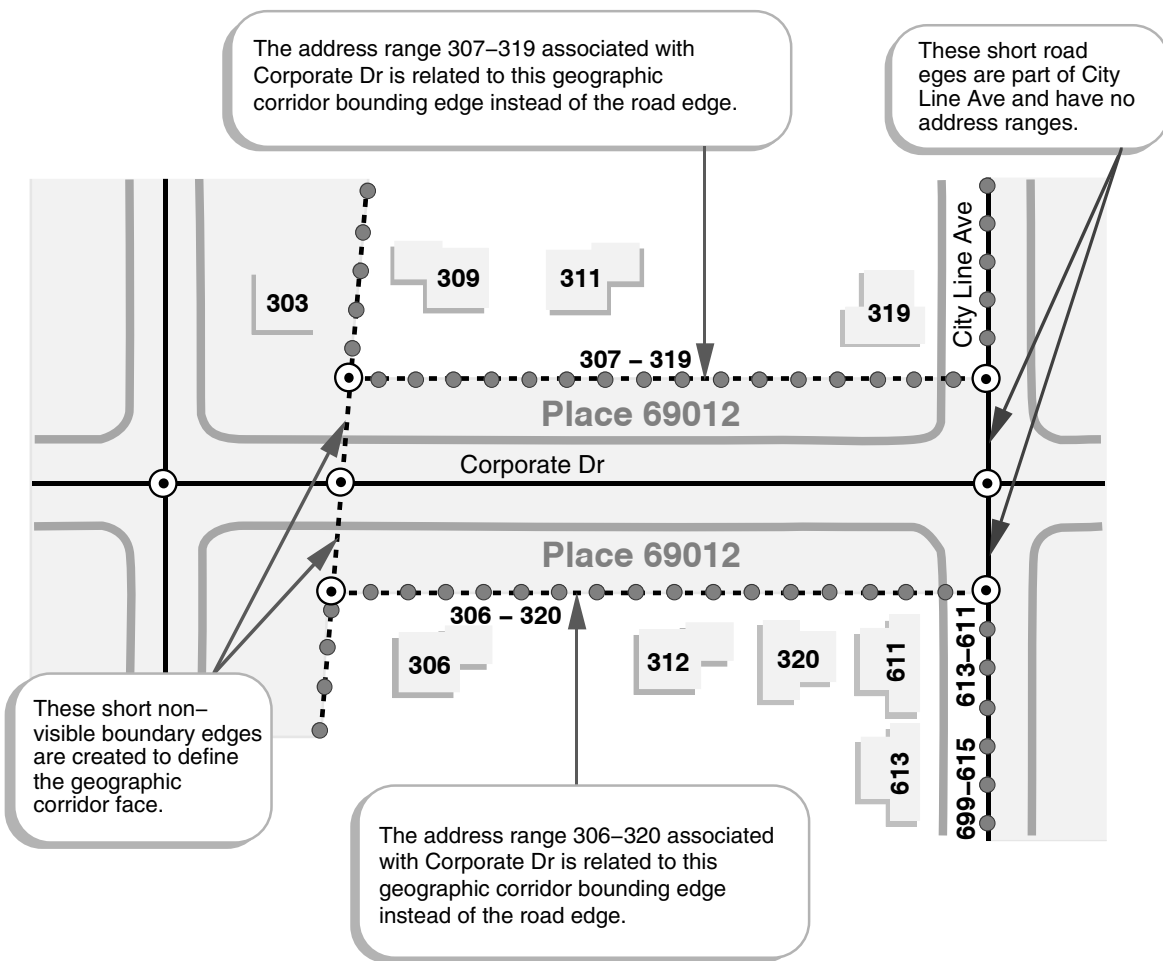


Figure 5 Geographic Corridors Address Ranges

This diagram shows the address ranges associated with a geographic corridor that runs along Corporate Dr. In order to correctly geocode structures outside the geographic corridor in the correct block and place, the address ranges associated with Corporate Dr are located on and related to the geographic corridor bounding edge instead of the road edge. For example, 311 Corporate Dr is located outside the geographic limits. Using address ranges on the road edge for Corporate Dr will incorrectly geocode the structure to Place 69012. Assigning the address ranges to the geographic corridor edge along side Corporate Dr. will correctly geocode the structure to the block outside of Place 69012. Note that the geographic corridor edge splits City Line Ave road edge at one end of the corridor. In this case, the road edge outside of the geographic corridor is assigned the address range and the road edge for City Line Ave inside the corridor does not have address ranges.



- Actual Street Curb Location
- ● - - Place Boundary
- ⊙ — ⊙ Edge with Start and End Nodes

geographic corridor edge rather than the road edge, structures will geocode correctly outside of the geographic corridor.

Consolidated City (Balance) Portions refer to the areas of a consolidated city not included in another separately incorporated place. For example, Butte-Silver Bow, MT, is a consolidated city (former Butte city and Silver Bow County) that includes the separately incorporated municipality of Walkerville city. The area of the consolidated city that is not in Walkerville city is assigned to Butte-Silver Bow (balance). The name always includes the "(balance)" identifier. Balance portions of consolidated cities are included in the Place shapefiles.

Current Geography—The boundaries identified as current for incorporated places are updated boundaries collected since Census 2000 as part of the Census Bureau's Boundary and Annexation Survey. Because CDPs occupy the same level of geography as legal incorporated places, updates to the incorporated place boundaries may affect the current boundaries of the CDPs, including the elimination of some of the Census 2000 CDPs. CDPs also may have changed as a result of local requests to correct errors or create CDPs for significant places that have disincorporated since 2000.

Economic Census Places—Qualification of Economic Census places is based on a population threshold of 5,000 or more inhabitants or 5,000 or more workers. The Economic Census Place Shapefile includes places for which the 2007 Economic Census publishes data. An incorporated place, CDP, MCD, or balance of MCD qualifies as an economic place if it contains:

- 5,000 or more people according to Census 2000 or the Census Bureau's July 1, 2007 population estimate, or
- 5,000 or more jobs according to Census 2000.

Territory within a county but outside qualifying economic census places is referred to as "balance of county" and treated as a place equivalent for data tabulation and publication purposes. Most counties or county equivalents will have a balance area. Balance of county includes those areas not recognized as places and place-equivalents under the above definitions. In Hawaii, the Island of Lana'i and Moloka'i are specially recognized as Economic Census places.

An MCD can only qualify as an economic census place in Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin. If an MCD contains one or more dependent incorporated places that qualify as economic census places, and after subtraction the remaining MCD still qualifies as an economic census place, the area is called a balance of MCD place. The name will include the text "(balance)", as in "Holly township (balance)".

New places reported to the U.S. Census Bureau and legally in effect on January 1, 2007, are recognized if they meet the minimum population requirement. Guam, the Commonwealth of the Northern Mariana Islands, American Samoa, and Puerto Rico do not have any Economic Census places.

Economic Census Consolidated City (Balance) Portions—For the Economic Census, the Census Bureau sometimes recognizes the "balance of consolidated city", which excludes the incorporated place(s) that are recognized separately as economic places. There is no "balance of a consolidated city" if none of the included places meet the minimum population or job threshold. The entire entity qualifies simply as a place-level entity rather than "balance of consolidated city." The seven consolidated cities and the qualifying economic places within their boundaries (if any) are:

Milford, CT—the consolidated city is coextensive with Milford town. There is no "balance of consolidated city" for the 2007 Economic Census.

Athens-Clarke County, GA—the consolidated city is coextensive with Clarke County. There is no "balance of consolidated city" for the 2007 Economic Census.

Augusta-Richmond County, GA—the consolidated city is coextensive with Richmond County. There is no "balance of consolidated city" for the 2007 Economic Census.

Indianapolis, IN—the consolidated city of Indianapolis does not contain all of the current land area of Marion County. Specifically excluded from the consolidated city area of the government are Beech

Grove, Lawrence, and Southport cities, and Speedway town. Although Southport city does not meet the minimum criteria, the economic census recognizes Southport city as an exceptional case since the balance of county record equates to a single government. The economic census place “Indianapolis city (balance)” contains the remainder of Marion County excluding the above four entities and Cumberland town (part of which is in Marion County), which meets the minimum criteria for recognition as an economic place.

Louisville/Jefferson County, KY—the consolidated city includes all of Jefferson County. The economic census place “Louisville/Jefferson County (balance)” will contain all of Jefferson County, except the cities of Douglass Hills, Jeffersontown, Lyndon, Middletown, St. Matthews, Shively, and Watterson Park, each of which meets the minimum criteria for recognition as an economic place.

Butte-Silver Bow, MT—the consolidated city is coextensive with Silver Bow County. There is no “balance of consolidated city” for the 2007 Economic Census.

Nashville-Davidson, TN—the consolidated city is coextensive with Davidson County. The economic census place “Nashville-Davidson (balance)” will contain all of Davidson County, except Berry Hill, Forest Hill, and Goodlettsville cities (the latter of which is also in Sumner County), each of which meets the minimum criteria for recognition as an economic place.

4.21.1 Place Shapefile Record Layout (Current)

File Name: *tl_2009_<state FIPS>_place.shp*

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
PLACEFP	5	String	Current place FIPS code
PLACENS	8	String	Current place ANSI code
PLCIDFP	7	String	Current place identifier; a concatenation of current state FIPS code and place FIPS code
NAME	100	String	Current place name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for place
LSAD	2	String	Current legal/statistical area description code for place
CLASSFP	2	String	Current FIPS class code
CPI	1	String	Current urban area central place indicator
PCICBSA	1	String	Current metropolitan or micropolitan statistical area principal city indicator
PCINECTA	1	String	Current New England city and town area principal city indicator
MTFCC	5	String	MAF/TIGER feature class code (see below)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

The MTFCC values are G4110 (incorporated place) and G4210 (census designated place).

4.21.2 Place Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_place00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
PLACEFP00	5	String	Census 2000 place FIPS code
PLCIDFP00	7	String	Census 2000 place identifier; a concatenation of Census 2000 state FIPS code and place FIPS code.
NAME00	100	String	Census 2000 place name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for place
LSAD00	2	String	Census 2000 legal/statistical area description code for place
CLASSFP00	2	String	Census 2000 FIPS class code
CPI00	1	String	Census 2000 urban area central place indicator
PCICBSA00	1	String	Census 2000 metropolitan or micropolitan statistical area principal city indicator.
PCINECTA00	1	String	Census 2000 New England city and town area principal city indicator.
MTFCC00	5	String	MAF/TIGER feature class code (see below)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

The MTFCC values are G4110 (incorporated place) and G4210 (census designated place).

4.21.3 Place Shapefile Record Layout (Economic Census)

File Name: tl_2009_<state FIPS>_placeec.shp

Field	Length	Type	Description
STATEFPEC	2	String	2007 Economic Census state FIPS code
PLACEFPEC	5	String	2007 Economic Census FIPS economic place code
PLCIDFPEC	7	String	2007 Economic Census place identifier; a concatenation of 2007 Economic Census state FIPS code and FIPS economic place code
NAMEEC	100	String	2007 Economic Census place name
NAMELSADEC	100	String	2007 Economic Census name and the translated legal/statistical area description for place
LSADEC	2	String	2007 Economic Census legal/statistical area description code for place
CLASSFPEC	2	String	2007 Economic Census FIPS class code
CPIEC	1	String	2007 Economic Census urban area central place indicator
PCICBSAEC	1	String	2007 Economic Census metropolitan or micropolitan statistical area principal city indicator
PCINECTAEC	1	String	2007 Economic Census New England city and town area principal city indicator
MTFCCEC	5	String	MAF/TIGER feature class code (G4300)
FUNCSTATEC	1	String	2007 Economic Census functional status
ALANDEC	14	Number	2007 Economic Census land area
AWATEREC	14	Number	2007 Economic Census water area
INTPTLATEC	11	String	2007 Economic Census latitude of the internal point
INTPTLONEC	12	String	2007 Economic Census longitude of the internal point

4.22 Public Use Microdata Areas (PUMA)

Public use microdata area geography and attributes are available by state in the following shapefiles:

Super Public Use Microdata Area (Super PUMA) Shapefile (Census 2000)
Public Use Microdata Area (PUMA) Shapefile (Census 2000)

Public Use Microdata Areas (PUMAs) are decennial census areas for which the Census Bureau provides selected extracts of raw data from a small sample of long-form census records that are screened to protect confidentiality. These extracts are referred to as public use microdata sample (PUMS) files.

For Census 2000, a participant for each state, District of Columbia, and the Commonwealth of Puerto Rico, following Census Bureau criteria, delineated two types of PUMAs within their state or statistically equivalent entity. PUMAs of one type comprise areas that contain at least 100,000 people. The PUMS files for these PUMAs contain a 5-percent sample of the long-form records. The other types of PUMAs, Super PUMAs, comprise areas of at least 400,000 people. The sample size is 1-percent for the PUMS files for Super PUMAs. PUMAs cannot be in more than one state or statistically equivalent entity. The larger 1-percent Super PUMAs are aggregations of the smaller 5-percent PUMAs. The 2009 TIGER/Line Shapefiles contain separate shapefiles for the PUMAs and Super PUMAs.

In Guam and the U.S. Virgin Islands, the Census Bureau has defined a single PUMA, which used a 10-percent sample of the records.

4.22.1 Super Public Use Microdata Area (Super PUMA) Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_puma100.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
PUMA1CE00	5	String	Census 2000 Super Public Use Microdata census code
PUMA1ID00	7	String	Census 2000 Super Public Use Microdata identifier; a concatenation of Census 2000 state FIPS code and Super Public Use Microdata census code
NAMELSAD00	11	String	Census 2000 translated legal/statistical area description and Super Public Use Microdata census code
MTFCC00	5	String	MAF/TIGER feature class code (G6100)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.22.2 Public Use Microdata Area (PUMA) Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_puma500.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
PUMA5CE00	5	String	Census 2000 Public Use Microdata Area census code
PUMA5ID00	7	String	Census 2000 Public Use Microdata Area identifier; a concatenation of Census 2000 state FIPS code and Super Public Use Microdata census code
NAMELSAD00	11	String	Census 2000 translated legal/statistical area description and Public Use Microdata Area census code
MTFCC00	5	String	MAF/TIGER feature class code (G6120)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.23 School Districts (Elementary, Secondary, and Unified)

School district geography and attributes are available by state in the following shapefiles:

Elementary School District Shapefile (Current)
Elementary School District Shapefile (Census 2000)
Secondary School District Shapefile (Current)
Secondary School District Shapefile (Census 2000)
Unified School District Shapefile (Current)
Unified School District Shapefile (Census 2000)

School Districts are single-purpose governmental units within which local officials provide public educational services for the area's residents. The Census Bureau obtains the boundaries, names, local education agency codes, and school district levels for school districts from state and local school officials for the primary purpose of providing the U.S. Department of Education with estimates of the number of children in poverty within each school district, county, and state bi-annually. This information serves as the basis for the Department of Education to determine the annual allocation of Title I funding to states and school districts.

The 2009 TIGER/Line Shapefiles include separate shapefiles for elementary, secondary, and unified school districts. The Census 2000 school district shapefiles contain school district information from the 1999-2000 school year, and the current shapefiles contain information from the 2007-2008 school year. The 2007-2008 school districts represent districts in operation as of January 1, 2008.

The elementary school districts provide education to the lower grade/age levels and the secondary school districts provide education to the upper grade/age levels. The unified school districts are districts that provide education to children of all school ages in their service areas. In general, where there is a unified school district, no elementary or secondary school district exists (see exceptions described below), and where there is an elementary school district the secondary school district may or may not exist (see explanation below). In addition to regular functioning school districts, the TIGER/Line Shapefiles contain pseudo- school districts (see the description below).

The Census Bureau's representation of school districts is based both on the grade range that a school district operates and also the grade range for which the school district is financially responsible. (The grade range that reflects financial responsibility is very important for the allocation of Title I funds). For example, a school district is defined as an elementary school district if its operational grade range is less than the full kindergarten-12 or pre-kindergarten-12 grade range. These elementary school districts do not provide direct educational services for grades 9 through 12, 7 through 12, or similar ranges. However, some of these elementary school districts are financially responsible for the education of all school-aged children within their service areas, and for Title I allocation purposes, all school-aged children in their jurisdiction are allocated to these types of elementary school districts. These financially

responsible elementary school districts rely on other school districts to provide service for those grade ranges that are not operated by these elementary school districts, and these elementary school districts pay tuition to those school districts that are providing these educational services to their students. In these situations, in order to allocate all school-aged children to these school districts the secondary school district field is blank. For all other elementary school districts where their operational grade range and financial responsible grade range are the same, the secondary school district field will contain a secondary school district code. All areas where a secondary school district exists also will be included in an elementary school district.

The following are exceptions to the above information:

Officially, the State of Hawaii is one unified school district and the five counties that represent the five boroughs of New York city are one school district, but for the 1999-2000 school year the Census Bureau included elementary and secondary school districts in Hawaii and elementary school districts in the five New York boroughs in order to provide additional statistics for administrative areas within these school districts. The Census Bureau removed these special administrative areas from its database in 2003 upon the request of Hawaii and New York City officials. However, the Census Bureau still represents these administrative areas for Hawaii and New York in Census 2000 school district shapefiles.

California, Kentucky, Massachusetts, South Carolina, Tennessee, and Texas contain pseudo-secondary school districts that represent regular unified school districts in areas where the unified school districts share financial responsibility service with elementary school districts. These pseudo-secondary school districts were created, and linked to real unified school districts in order for the Census Bureau to allocate the high school aged children to the unified school districts. (The Census Bureau could not assign the official unified school district codes, but had to create pseudo-school district codes to represent a service area where the unified school district is fiscally responsible for less than the entire kindergarten-12 grade range). In these areas, there were no regular functioning secondary school districts serving the area, and the elementary school districts in these areas were not paying tuition to the unified school districts (that is, the elementary school districts' financial responsibilities did not extend to grade 12).

Pseudo-secondary school districts were created in 12 Arizona counties to represent service areas where either a unified or a secondary school district can provide services to high school aged children from certain elementary school districts in the county. Each county school district superintendent is responsible for allocating Title I funding for these high school aged children, as the elementary school districts do not pay tuition to the unified or secondary school districts. A list of these pseudo-secondary school districts and their codes appears in Appendix B.

There are two pseudo-school districts (one elementary and one secondary) in Klamath County, Oregon, where two unified school districts provide services to different grade ranges within a joint-service area. A list of these pseudo-school districts and their codes appears in Appendix B.

School District Codes—The TIGER/Line Shapefiles contain 5-character numeric school district codes. The value 99998 is a pseudo-school district code which is used for some large bodies of water, and 99997 is a pseudo-school district code assigned to land where no official school district is defined by a state. The school district codes are the local education agency codes used by the U.S. Department of Education.

School District Names—The names of school districts include their description and no other field (NAMELSAD) is required. Sometimes school district names for Census 2000 vintage files are shown in all capital letters, which is different from names for all other geographic areas. The current school district name went through name standardization since the 2008 TIGER/Line shapefiles and now all names are in mixed case.

4.23.1 Elementary School District Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_elsd.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
ELSDLEA	5	String	Current elementary school district local education agency code
ELSDIDFP	7	String	Current school district identifier; a concatenation of current state FIPS code and elementary school district local education agency code
NAME	100	String	Current elementary school district name
LSAD	2	String	Current legal/statistical area description code for elementary school district
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
MTFCC	5	String	MAF/TIGER feature class code (G5400)
SDTYP	1	String	Current school district type
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.23.2 Elementary School District Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_elsd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
ELSDLEA00	5	String	Census 2000 elementary school district local education agency code
ELSDIDFP00	7	String	Census 2000 school district identifier: a concatenation of Census 2000 state FIPS code and elementary school district local education agency code
NAME00	100	String	Census 2000 elementary school district name
LSAD00	2	String	Census 2000 legal/statistical area description code for elementary school district
LOGRADE00	2	String	Census 2000 lowest grade covered by school district
HIGRADE00	2	String	Census 2000 highest grade covered by school district
MTFCC00	5	String	MAF/TIGER feature class code (G5400)
SDTYP00	1	String	Census 2000 school district type
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.23.3 Secondary School District Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_scsd.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
SCSDLEA	5	String	Current secondary school district local education agency code
SCSDIDFP	7	String	Current school district identifier; a concatenation of current state FIPS code and secondary school district local education agency code
NAME	100	String	Current secondary school district name
LSAD	2	String	Current legal/statistical area description code for secondary school district
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
MTFCC	5	String	MAF/TIGER feature class code (G5410)
SDTYP	1	String	Current school district type
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.23.4 Secondary School District Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_scsd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
SCSDLEA00	5	String	Census 2000 secondary school district local education agency code
SCSDIDFP00	7	String	Census 2000 school district identifier; a concatenation of Census 2000 state FIPS code and secondary school district local education agency code
NAME00	100	String	Census 2000 secondary school district name
LSAD00	2	String	Census 2000 legal/statistical area description code for secondary school district
LOGRADE00	2	String	Census 2000 lowest grade covered by school district
HIGRADE00	2	String	Census 2000 highest grade covered by school district
MTFCC00	5	String	MAF/TIGER feature class code (G5410)
SDTYP00	1	String	Census 2000 school district type
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.23.5 Unified School District Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_unsd.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
UNSDLEA	5	String	Current unified school district local education agency code
UNSDIDFP	7	String	Current school district identifier; a concatenation of current state FIPS code and unified school district local education agency code
NAME	100	String	Current unified school district name
LSAD	2	String	Current legal/statistical area description code for unified school district
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
MTFCC	5	String	MAF/TIGER feature class code (G5420)
SDTYP	1	String	Current school district type
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.23.6 Unified School District Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_unsd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
UNSDLEA00	5	String	Census 2000 unified school district local education agency code
UNSDIDFP00	7	String	Census 2000 school district identifier: a concatenation of Census 2000 state FIPS code and unified school district local education agency code
NAME00	100	String	Census 2000 unified school district name
LSAD00	2	String	Census 2000 legal/statistical area description code for unified school district
LOGRADE00	2	String	Census 2000 lowest grade covered by school district
HIGRADE00	2	String	Census 2000 highest grade covered by school district
MTFCC00	5	String	MAF/TIGER feature class code (G5420)
SDTYP00	1	String	Census 2000 school district type
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.24 States and Equivalent Entities

State and equivalent entity geography and attributes are available in the following shapefiles:

State and Equivalent Entity National Shapefile (Current)
State and Equivalent Entity National Shapefile (Census 2000)
State and Equivalent Entity National Shapefile (Economic Census)

State and Equivalent Entity State-based Shapefile (Current)
State and Equivalent Entity State-based Shapefile (Census 2000)

States and Equivalent Entities are the primary governmental divisions of the United States. In addition to the fifty states, the Census Bureau treats the District of Columbia, Puerto Rico, and the Island areas (American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands) as the statistical equivalents of states for the purpose of data presentation. Census regions and divisions consist of groupings of states and equivalent entities. The codes for these areas are included in the state shapefiles and the state records can be merged to form those areas.

4.24.1 State and Equivalent Entity National Shapefile Record Layout (Current)

File Name: tl_2009_us_state.shp

Field	Length	Type	Description
REGION	2	String	Current Census region code
DIVISION	2	String	Current Census division code
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
STUSPS	2	String	Current United States Postal Service state abbreviation
NAME	100	String	Current state name
LSAD	2	String	Current legal/statistical area description code for state
MTFCC	5	String	MAF/TIGER feature class code (G4000)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.24.2 State and Equivalent Entity National Shapefile Record Layout (Census 2000)

File Name: tl_2009_us_state00.shp

Field	Length	Type	Description
REGION00	2	String	Census 2000 region code
DIVISION00	2	String	Census 2000 division code
STATEFP00	2	String	Census 2000 state FIPS code
STUSPS00	2	String	Census 2000 United States Postal Service state abbreviation
NAME00	100	String	Census 2000 state name
LSAD00	2	String	Census 2000 legal/statistical area description code for state
MTFCC00	5	String	MAF/TIGER feature class code (G4000)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.24.3 State and Equivalent Entity National Shapefile Record Layout (Economic Census)

File Name: tl_2009_us_stateec.shp

Field	Length	Type	Description
REGIONEC	2	String	2007 Economic Census region code
DIVISIONEC	2	String	2007 Economic Census division code
STATEFPEC	2	String	2007 Economic Census state FIPS code
STUSPSEC	2	String	2007 Economic Census United States Postal Service state abbreviation
NAMEEC	100	String	2007 Economic Census state name
LSADEC	2	String	2007 Economic Census legal/statistical area description code for state
MTFCCEC	5	String	MAF/TIGER feature class code (G4000)
FUNCSTATEC	1	String	2007 Economic Census functional status
ALANDEC	14	Number	2007 Economic Census land area
AWATEREC	14	Number	2007 Economic Census water area
INTPTLATEC	11	String	2007 Economic Census latitude of the internal point
INTPTLONEC	12	String	2007 Economic Census longitude of the internal point

4.24.4 State and Equivalent Entity State-based Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_state.shp

Field	Length	Type	Description
REGION	2	String	Current census region code
DIVISION	2	String	Current census division code
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
STUSPS	2	String	Current United States Postal Service state abbreviation
NAME	100	String	Current state name
LSAD	2	String	Current legal/statistical area description code for state
MTFCC	5	String	MAF/TIGER feature class code (G4000)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.24.5 State and Equivalent Entity State-based Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_state00.shp

Field	Length	Type	Description
REGION00	2	String	Census 2000 census region code
DIVISION00	2	String	Census 2000 census division code
STATEFP00	2	String	Census 2000 state FIPS code
STUSPS00	2	String	Census 2000 United States Postal Service state abbreviation
NAME00	100	String	Census 2000 state name
LSAD00	2	String	Census 2000 legal/statistical area description code for state
MTFCC00	5	String	MAF/TIGER feature class code (G4000)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.25 State Legislative Districts (Upper and Lower Chambers)

State legislative district geography and attributes are available by state in the following shapefiles:

- State Legislative District Lower Chamber (SLDL) Shapefile (Current)*
- State Legislative District Lower Chamber (SLDL) Shapefile (Census 2000)*
- State Legislative District Upper Chamber (SLDU) Shapefile (Current)*
- State Legislative District Upper Chamber (SLDU) Shapefile (Census 2000)*

State Legislative Districts (SLDs) are the areas from which members are elected to state or equivalent entity legislatures. The Census Bureau first reported data for SLDs as part of the 2000 Public Law (P.L.) 94-171 Redistricting Data File.

Current SLDs (2006 Election Cycle)—States participating in Phase 1 of the 2010 Census Redistricting Data Program, as part of Public Law 94-171, provided the Census Bureau with the 2006 election cycle boundaries, codes, and in some cases names for their SLDs. All 50 states, plus the District of Columbia and Puerto Rico, participated in Phase 1, State Legislative District Project (SLDP), of the 2010 Census Redistricting Data Program. The Census Bureau will maintain SLDs in MAF/TIGER and accept updates required by law or redistricting from our liaisons on an on-going basis. Therefore, these areas may change prior to the release of the 2010 Census P.L. 94-171 Redistricting Data Files.

The SLDs embody the upper (senate—SLDU) and lower (house—SLDL) chambers of the state legislature. Nebraska has a unicameral legislature and the District of Columbia has a single council, both of which the Census Bureau treats as upper-chamber legislative areas for the purpose of data presentation. Therefore, there is no data by SLDL for either Nebraska or the District of Columbia. A unique 3-character census code, identified by state participants, is assigned to each SLD within a state. In Connecticut, Hawaii, Illinois, Louisiana, Maine, Maryland, Massachusetts, New Jersey, Ohio, and Puerto Rico, the states did not define the current SLDs to cover all of the state or equivalent area. In states other than Maryland, the code “ZZZ” has been assigned to areas with no SLDs defined. These unassigned areas are treated within state as a single SLD for purposes of data presentation. In Maryland, the code “Z**”, where “**” represents the last two digits of the county code, has been assigned to areas with no SLDs defined. These unassigned areas are treated within county as a single SLD for purposes of data presentation.

SLD Names—The Census Bureau first reported names for SLDs as part of Phase 1 of the 2010 Census Redistricting Data Program. The SLD names with their translated legal/statistical area descriptions are associated only with the current (2006) SLDs. Not all states provided names for their SLDs and the code (or number) serves as the name. There are no official or state-provided SLD names associated with Census 2000 SLDs. The name field in the Census 2000 shapefiles contains the SLD code; the name and translated legal/statistical area description field always show “State House (or Senate) District” before the name.

The Census Bureau will update boundaries every two years, as necessary, per state changes brought about by court ordered changes or additional redistricting.

Census 2000 SLDs—For states participating in the optional phase of the 2000 Public Law (P.L.) 94-171 Redistricting Data Program, the vintage of these legislative districts were those used in the 1998 election cycle. The following states did not submit SLDs as part of the Census 2000 Redistricting Data Program, therefore no Census 2000 SLD shapefiles exist for the following states:

Arkansas	California	District of Columbia
Florida	Hawaii	Kentucky
Maine	Maryland	Minnesota
Montana	Texas	Puerto Rico

In addition, New Hampshire only submitted SLDs for their upper chamber, therefore no Census 2000 SLDL shapefile exists for the state. Nebraska having only a single unicameral legislative only has SLDUs in 2000.

In Connecticut, Delaware, Illinois, Louisiana, Massachusetts, New Jersey, Pennsylvania, and Rhode Island, the states did not define the Census 2000 SLDLs to cover all of the state or state equivalent area. The same was true for Connecticut, Delaware, Illinois, Louisiana, Michigan, New Hampshire, New Jersey, and Rhode Island for Census 2000 SLDUs. In these areas, the code “ZZZ” has been assigned to areas with no SLDs defined. These unassigned areas are treated within state as a single SLD for purposes of data presentation.

4.25.1 State Legislative District Lower Chamber (SLDL) Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_sldl.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
SLDLST	3	String	Current state legislative district lower chamber code
SLDLIDFP	5	String	Current state legislative district lower chamber identifier; a concatenation of current state FIPS code and state legislative district lower chamber code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for state legislative district lower chamber
LSAD	2	String	Current legal/statistical area description code for state legislative district lower chamber
LSY	4	String	Legislative session year
MTFCC	5	String	MAF/TIGER feature class code (G5220)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.25.2 State Legislative District Lower Chamber (SLDL) Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_sldl00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
SLDLST00	3	String	Census 2000 state legislative district lower chamber code
SLDLIDFP00	5	String	Census 2000 state legislative district lower chamber identifier; a concatenation of Census 2000 state FIPS code and state legislative district lower chamber code
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for state legislative district lower chamber
LSAD00	2	String	Census 2000 legal/statistical area description code for state legislative district lower chamber
LSY	4	String	Legislative session year
MTFCC00	5	String	MAF/TIGER feature class code (G5220)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.25.3 State Legislative District Upper Chamber (SLDU) Shapefile Record Layout (Current)

File Name: tl_2009_<state FIPS>_sldu.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
SLDUST	3	String	Current state legislative district upper chamber code
SLDUIDFP	5	String	Current state legislative district upper chamber identifier; a concatenation of current state FIPS code and state legislative district upper chamber code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for state legislative district upper chamber
LSAD	2	String	Current legal/statistical area description code for state legislative district upper chamber
LSY	4	String	Legislative session year
MTFCC	5	String	MAF/TIGER feature class code (G5210)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.25.4 State Legislative District Upper Chamber (SLDU) Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state FIPS>_sldu00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
SLDUST00	3	String	Census 2000 state legislative district upper chamber code
SLDUIDFP00	5	String	Census 2000 state legislative district upper chamber identifier; a concatenation of Census 2000 state FIPS code and state legislative district upper chamber code
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for state legislative district upper chamber
LSAD00	2	String	Census 2000 legal/statistical area description code for state legislative district upper chamber
LSY	4	String	Legislative session year
MTFCC00	5	String	MAF/TIGER feature class code (G5210)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.26 Subbarrios (Sub-Minor Civil Divisions)

Subbarrio geography and attributes are available by municipio in Puerto Rico in the following shapefiles:

Subbarrio Shapefile (Current)
Subbarrio Shapefile (Census 2000)

Subbarrio—Subbarrios are legally defined subdivisions of the minor civil division barrios-pueblo and barrios in Puerto Rico. The TIGER/Line Shapefiles contain the 5-character FIPS codes for subbarrios as well as 8-character National Standard (ANSI) codes. Subbarrios do not exist within every MCD in Puerto Rico nor do they necessarily cover the entire area of an MCD where they do exist.

4.26.1 Subbarrio Shapefile Record Layout (Current)

File Name: tl_2009_<state (72)-county FIPS>_submcd.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUSUBFP	5	String	Current county subdivision FIPS code
SUBMCDFP	5	String	Current subbarrio FIPS code
SUBMCDNS	8	String	Current subbarrio ANSI code
SMCDIDFP	15	String	Current subbarrio identifier; a concatenation of current state FIPS code, county FIPS code, county subdivision FIPS code, and subbarrio FIPS code
NAME	100	String	Current subbarrio name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for subbarrio
LSAD	2	String	Current legal/statistical area description code for subbarrio
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4060)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.26.2 Subbarrio Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state (72)-county FIPS>_submcd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
COUSUBFP00	5	String	Census 2000 county subdivision FIPS code
SUBMCDFP00	5	String	Census 2000 subbarrio FIPS code
SMCDIDFP00	15	String	Census 2000 subbarrio identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, county subdivision FIPS code, and subbarrio FIPS code
NAME00	100	String	Census 2000 subbarrio name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for subbarrio
LSAD00	2	String	Census 2000 legal/statistical area description code for subbarrio
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G4060)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.27 Topological Faces (Polygons With All Geocodes)

Topological face information is available in the following shapefile:

Topological Faces (Polygons With All Geocodes) Shapefile

The Topological Faces shapefile contains the attributes of each topological primitive face. In 2007 and 2008 TIGER/Line products, the topological face file was a relationship file. For the 2009 TIGER/Line product, topological faces with geocodes is a shapefile. The face geometries in 2007 and 2008 could only be built from the All Lines shapefile using the edges' left and right face permanent face identifier (TFID) relationships. With the 2009 Topological Faces (Polygons with All Geocodes) Shapefile, any geographic entity filled code fields can be built by merging faces with a common code key.

4.27.1 Topological Faces (Polygons With All Geocodes) Shapefile Record Layout

File Name: tl_2009_<state-county FIPS>_faces.shp

Field	Length	Type	Description
TFID	10	Integer	Permanent face identifier
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLKGRPC00	1	String	Census 2000 block group number
BLOCKCE00	4	String	Census 2000 tabulation block number
SUFFIX1CE	1	String	Current census block suffix 1
COUSUBFP00	5	String	Census 2000 county subdivision FIPS code
SUBMCDFP00	5	String	Census 2000 subbarrio FIPS code in Puerto Rico
CONCTYFP00	5	String	Census 2000 consolidated area FIPS code
PLACEFP00	5	String	Census 2000 place FIPS code
AIANNHF00	5	Number	Census 2000 American Indian/Alaska Native/Native Hawaiian area FIPS code
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
COMPTYP00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
TRSUBFP00	5	Number	Census 2000 American Indian tribal subdivision FIPS code
TRSUBCE00	3	String	Census 2000 tribal subdivision code
ANRCFP00	5	String	Census 2000 Alaska Native Regional Corporation FIPS code
ELSDLEA00	5	String	Census 2000 elementary school district local education agency code
SCSDLEA00	5	String	Census 2000 secondary school district local education agency code
UNSDLEA00	5	String	Census 2000 unified school district local education agency code
UACE00	5	String	Census 2000 urban area code
UACE	5	String	Corrected Census 2000 urban area code
SLDUST00	3	String	Census 2000 state legislative district upper chamber code
SLDLST00	3	String	Census 2000 state legislative district lower chamber code
VTDST00	6	String	Census 2000 voting district code
TAZCE00	6	String	Census 2000 traffic analysis zone code
UGACE00	5	String	Census 2000 urban growth area code
PUMA1CE00	5	String	Census 2000 public use microdata area code
PUMA5CE00	5	String	Census 2000 super public use microdata area code
ZCTA5CE00*	5	String	Census 2000 5-digit ZIP Code Tabulation Area code
ZCTA3CE00*	3	String	Census 2000 3-digit ZIP Code Tabulation Area code
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUSUBFP	5	String	Current county subdivision FIPS code
SUBMCDFP	5	String	Current subbarrio FIPS code in Puerto Rico
CONCTYFP	5	String	Current consolidated area FIPS code
PLACEFP	5	String	Current place FIPS code
AIANNHF	5	Number	Current American Indian/Alaska Native/Native Hawaiian area FIPS code
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
COMPTYP	1	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator

Topological Faces (Polygons With All Geocodes) Shapefile Record Layout, cont.

Field	Length	Type	Description
ANRCFP	5	String	Current Alaska Native Regional Corporation FIPS code
TRSUBFP	5	Number	Current American Indian tribal subdivision FIPS code
TRSUBCE	3	String	Current tribal subdivision code
CD108FP†	2	String	108 th congressional district code (2000)
CD111FP	2	String	111 th congressional district code (Current)
SLDUST	3	String	Current state legislative district upper chamber code
SLDLST	3	String	Current state legislative district lower chamber code
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan or micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
CNECTAFP	3	String	Current combined New England city and town area code (New England states only)
NECTAFP	5	String	Current New England city and town area code (New England states only)
NCTADVFP	5	String	Current New England city and town area division code (New England states only)
ELSDLEA	5	String	Current elementary school district local education agency code
SCSDLEA	5	String	Current secondary school district local education agency code
UNSDLEA	5	String	Current unified school district local education agency code
UGACE	5	String	Current urban growth area code
ZCTA5CE	5	String	Current 5-digit ZIP Code tabulation area code#
ZCTA3CE	3	String	Current 3-digit ZIP Code tabulation area code#
STATEFPEC	2	String	2007 Economic Census state FIPS code
COUNTYFPEC	3	String	2007 Economic Census county FIPS code
CONCTYFPEC	5	String	2007 Economic Census consolidated city FIPS code
PLACEFPEC	5	String	2007 Economic Census FIPS economic place code
COMRGCEEC	1	String	2007 Economic Census commercial region code
LWFLAG	1	String	Current land/water flag
OFFSET	1	String	Current geographic corridor/offset flag
ATOTAL	14	Number	Current total Area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

*Unavailable in the 2009 Topological Faces Shapefile.

† The 108th Congressional District code affects geographic vintage 2000 entities.

The current 5-digit and 3-digit ZIP Code tabulation area codes reflect updates to 2002.

4.28 Topological Faces-Area Landmark Relationships

Topological faces-to-area landmark relationship information is available by county in the following relationship file:

Topological Faces-Area Landmark Relationship File

The Topological Faces-Area Landmark Relationship file contains a record for each face-area landmark relationship. The face to which a Topological Faces-Area Landmark Relationship File record applies can be determined by linking to the Topological Faces Shapefile on the permanent face identifier (TFID) attribute. The area landmark to which a Topological Faces-Area Landmark relationship table record applies can be determined by linking to the Area Landmark shapefile on the area landmark identifier (AREAID) attribute. A face may be part of multiple area landmarks. An area landmark may consist of multiple faces.

Arkansas	Minnesota	Tennessee
California	Mississippi	Texas
Colorado	Missouri	Utah
Florida	Nevada	Vermont
Georgia	New Jersey	Virginia
Idaho	New Mexico	Washington
Illinois	New York	Wisconsin
Indiana	North Carolina	Wyoming
Iowa	North Dakota	
Kansas	Ohio	

4.30.1 Traffic Analysis Zone (TAZ) Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state-county FIPS>_taz00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TAZCE00	6	String	Census 2000 traffic analysis zone code
TAZIDFP00	11	String	Census 2000 traffic analysis zone identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, and traffic analysis zone code
MTFCC00	5	String	MAF/TIGER feature class code
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.31 Urban Areas

Urban area geography and attributes are available in the following shapefiles:

Urban Area National Shapefile (Corrected Census 2000)

Urban Area National Shapefile (Census 2000)

Urban areas are delineated only as the result of a decennial or contracted inter-decennial census. For each census, the Census Bureau establishes criteria for the delineation of urban areas. For Census 2000, the Census Bureau classified as urban all territory, population, and housing units located within urbanized areas (UAs) and urban clusters (UCs). It delineated UA and UC boundaries to encompass densely settled territory, which generally consisted of:

- A cluster of one or more block groups or census blocks, each of which has a population density of at least 1,000 people per square mile at the time, and
- Surrounding block groups and census blocks, each of which has a population density of at least 500 people per square mile at the time, and
- Less densely settled blocks that form enclaves or indentations, or are used to connect discontinuous areas with qualifying densities.

Rural consists of all territory, population, and housing units located outside of UAs and UCs.

For Census 2000 this urban and rural classification applied to the 50 states, the District of Columbia, Puerto Rico, American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the United States Virgin Islands.

Urbanized Areas (UAs)—An urbanized area consists of densely settled territory that contains 50,000 or more people. The Census Bureau delineates UAs to provide a better separation of urban and rural territory, population, and housing in the vicinity of large places. For Census 2000, the UA criteria were extensively revised and the delineations were performed using a zero-based approach. Because of more stringent density requirements, some territory that was classified as urbanized for the 1990 census has

been reclassified as rural. Areas that were part of a 1990 UA have not been automatically grandfathered into the 2000 UA.

Urban Clusters (UCs)—An urban cluster consists of densely settled territory that has at least 2,500 people but fewer than 50,000 people. The Census Bureau introduced the UC for Census 2000 to provide a more consistent and accurate measure of the population concentration in and around places. UCs are defined using the same criteria that are used to define UAs. UCs replace the provision in the 1990 and previous censuses that defined as urban only those places with 2,500 or more people located outside of urbanized areas. Note: All urban areas defined within Guam based on the results of Census 2000 are designated as urban clusters regardless of their total population.

Urban Area Titles and Codes—The title of each UA and UC may contain up to three incorporated place names, and will include the two-letter U.S. Postal Service abbreviation for each state into which the UA or UC extends. However, if the UA or UC does not contain an incorporated place, the urban area title will include the single name of a census designated place (CDP), minor civil division, or populated place recognized by the U.S. Geological Survey's Geographic Names Information System.

Each UC and UA is assigned a 5-digit numeric code, based on a national alphabetical sequence of all urban area names. A separate flag is included in data tabulation files to differentiate between UAs and UCs. In printed reports, this differentiation is included in the name.

Urban Area Central Places—The Census Bureau identifies one or more central places for each UA or UC that contains a place. Any incorporated place or census designated place (CDP) that is in the title of the urban area is a central place of that UA or UC. In addition, any other incorporated place or CDP that has an urban population of 50,000 or an urban population of at least 2,500 people and is at least two-thirds the size of the largest place within the urban area also is a central place.

Relationship to Other Geographic Entities—Geographic entities, such as metropolitan areas, counties, minor civil divisions (MCDs), places, and census tracts often contain both urban and rural territory, population, and housing units. Some shapefiles include an Urban/Rural Indicator field that indicates whether the areas contained within the shapefile are urban, rural, or mixed.

Corrected Census 2000 Urban Areas—On August 23, 2002, the U.S. Census Bureau announced corrections to the Census 2000 urbanized areas and urban clusters. These corrections included changes in classification and inventory of urbanized areas and urban clusters, combining some areas that were erroneously designated separately, and corrections affecting boundaries. The U.S. Census Bureau has integrated those corrections into its current MAF/TIGER database. The current urban areas, including the corrections, appear in the Corrected Census 2000 Urban Areas shapefile. The corrected urban areas are the official areas for Census 2000. The Census 2000 representation of urban areas, minus all corrections, is available in the Census 2000 Urban Areas shapefile.

Urban areas can be updated between censuses at the request of a locality contracting for a special census, however, no areas requested to do this during the 2000 decade.

4.31.1 Urban Area National Shapefile Record Layout (Corrected Census 2000)

File Name: tl_2009_us_uac.shp

Field	Length	Type	Description
UACE	5	String	Corrected Census 2000 urban area code
NAME	100	String	Corrected Census 2000 urban area name
NAMELSAD	100	String	Corrected Census 2000 name and the translated legal/statistical area description for urban area
LSAD	2	String	Corrected Census 2000 legal/statistical area description code for urban area
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Corrected Census 2000 functional status
UATYP	1	String	Corrected Census 2000 urban type
ALAND	14	Number	Corrected Census 2000 land area
AWATER	14	Number	Corrected Census 2000 water area
INTPTLAT	11	String	Corrected Census 2000 latitude of the internal point
INTPTLON	12	String	Corrected Census 2000 longitude of the internal point

4.31.2 Urban Area National Shapefile Record Layout (Census 2000)

File Name: tl_2009_us_uac00.shp

Field	Length	Type	Description
UACE00	5	String	Census 2000 urban area code
NAME00	100	String	Census 2000 urban area name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for urban area
LSAD00	2	String	Census 2000 legal/statistical area description code for urban area
MTFCC00	5	String	MAF/TIGER feature class code
FUNCSTAT00	1	String	Census 2000 functional status
UATYP00	1	String	Census 2000 urban area type
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.32 Urban Growth Areas

Urban growth area geography and attributes are only available for Oregon in the following shapefiles:

- Urban Growth Area (UGA) Shapefile (Current)*
- Urban Growth Area (UGA) Shapefile (Census 2000)*

Urban Growth Areas (UGAs) are legally defined entities in Oregon that the Census Bureau includes in the MAF/TIGER database in agreement with the state. UGAs, which are defined around incorporated places, are used to regulate urban growth. UGA boundaries, which need not follow visible features, are delineated cooperatively by state and local officials in Oregon and then confirmed in state law. UGAs were a pilot project and a new geographic entity for Census 2000. Each UGA is identified by a 5-digit numeric census code, usually associated with the incorporated place for which the UGA is named. There has been no update to UGAs; the current UGAs match 2000 UGAs except for some minor changes to maintain consistency of data.

4.32.1 Urban Growth Area (UGA) Shapefile Record Layout (Current)

File Name: tl_2009_41_uga.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
UGACE	5	String	Current urban growth area code
UGATYP	1	String	Current urban growth area type
NAME	100	String	Current urban growth area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for urban growth area
LSAD	2	String	Current legal/statistical area description code for urban growth area
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.32.2 Urban Growth Area (UGA) Shapefile Record Layout (Census 2000)

File Name: tl_2009_41_uga00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
UGACE00	5	String	Census 2000 urban growth area census code
UGATYP00	1	String	Census 2000 urban growth area type
NAME00	100	String	Census 2000 urban growth area name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for urban growth area
LSAD00	2	String	Census 2000 legal/statistical area description code for urban growth area
MTFCC00	5	String	MAF/TIGER feature class code (G6330)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.33 Voting Districts

Voting district geography and attributes are available by county in the following shapefile:

Voting District (VTD) Shapefile (Census 2000)

Voting Districts (VTDs)—“Voting district” is the generic name for geographic entities such as precincts, wards, and election districts established by state and local governments for the purpose of conducting elections. States participating in the Census 2000 Redistricting Data Program as part of Public Law 94-171 (1975) provided the Census Bureau with boundaries, codes, and names for their VTDs.

Each VTD is identified by a 1- to 6-character alphanumeric census code that is unique within county. The code "ZZZZZ" identifies a portion of a county (usually bodies of water) for which no VTDs were identified. No voting district shapefile exists for states or counties that did not participate in Phase 2 (the Voting District Project) of the Census 2000 Redistricting Data Program. Because the Census Bureau required that VTDs follow boundaries of tabulation census blocks, participating states often show the boundaries of the VTDs they submit as conforming to tabulation census block boundaries. If requested by the participating state, the Census Bureau identified the VTDs that represent an actual voting district with an “A” in the voting district indicator field (VTDI00). Where a participating state indicated that the VTD has been modified to follow visible block boundaries, the VTD is a pseudo-VTD, and the VTDI00 field contains a “P”. Where a participating state did not indicate to the Census Bureau whether or not the VTD followed the actual boundaries of the VTD or is a pseudo-VTD, the VTDI00 field is blank.

The following states did not participate in Phase 2 (the Voting District Project) of the Census 2000 Redistricting Data Program or participated but did not provide voting districts and no VTD shapefile exists for these states:

California	Florida	Kentucky	Montana
North Dakota	Ohio	Oregon	Wisconsin
Arizona did not submit VTDs in all counties.			

The Census 2000 Redistricting Data Program was not offered to American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, or the U.S. Virgin Islands.

4.33.1 Voting District (VTD) Shapefile Record Layout (Census 2000)

File Name: tl_2009_<state-county FIPS>_vtd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
VTDST00	6	String	Census 2000 voting district code
VTDIDFP00	11	String	Census 2000 voting district identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, and voting district code
VTDI00	1	String	Census 2000 voting district indicator
NAME00	100	String	Census 2000 voting district name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for voting district
LSAD00	2	String	Census 2000 legal/statistical area description code for voting district
MTFCC00	5	String	MAF/TIGER feature class code (G5240)
FUNCCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.34 ZIP Code Tabulation Areas (3-Digit and 5-Digit)

ZIP Code tabulation area geography and attributes are available in the following shapefiles:

3-Digit ZIP Code Tabulation Area (ZCTA3) National Shapefile (2002)
3-Digit ZIP Code Tabulation Area (ZCTA3) National Shapefile (Census 2000)
5-Digit ZIP Code Tabulation Area (ZCTA5) National Shapefile (2002)
5-Digit ZIP Code Tabulation Area (ZCTA5) National Shapefile (Census 2000)

3-Digit ZIP Code Tabulation Area (ZCTA3) State-based Shapefile (2002)
5-Digit ZIP Code Tabulation Area (ZCTA5) State-based Shapefile (2002)

ZIP Code Tabulation Areas (ZCTAs) are approximate area representations of USPS ZIP Code service areas that the Census Bureau created for statistical purposes for Census 2000. The Census Bureau did not create ZCTAs for American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, or the U.S. Virgin Islands. Data users should not use ZCTAs to identify the official USPS ZIP Code for mail delivery. The U.S. Postal Service (USPS) makes periodic changes to ZIP Codes to support more efficient mail delivery. As a result, the original Census 2000 and 2002 ZCTAs may no longer match current ZIP Codes.

Except in the Island Areas, each Census 2000 tabulation block will have a single ZCTA code that reflects the majority ZIP Code for addresses within that tabulation block. As a result, ZIP Codes associated with address ranges found in the Address Ranges relationship file may not exactly match the ZCTA. Because addresses and ZIP Codes did not exist within all Census 2000 census tabulation blocks, the Census Bureau used automated extension algorithms to close coverage gaps and assigned either a 5- or 3-digit ZCTA code to each Census 2000 tabulation block. The ZCTA delineation process attempted to assign a 5-digit

ZCTA code to areas with no ZIP Code or address data. Where reliable data were unavailable for extensive areas, the 5-digit ZCTA code may represent the more general 3-digit ZIP Code. A ZCTA may not exist for every USPS ZIP Code. The delineation process excluded all ZIP Codes for specific firms and organizations that have their own 5-digit ZIP Code, as well as nearly all P.O. Box delivery ZIP Codes in areas otherwise served by ZIP Codes with city-style mail delivery. For more information about ZCTAs, go to URL: <http://www.census.gov/geo/ZCTA/zcta.html>.

ZIP Code Tabulation Area Codes—The Census Bureau identifies 3-digit ZCTAs using a three-character numeric code that represents the first three digits of the related 5-digit ZCTA.

The Census Bureau identifies 5-digit ZCTAs using a five-character numeric code. The first three characters will represent the 3-digit ZIP Code and may contain leading zeros. For ZCTA codes that reflect the 5-digit ZIP Code, the last two characters of the ZCTA code will be numeric. For example, the ZCTA code "00601" represents the 5-digit ZIP Code 00601. The ZCTA delineation process did not recognize ZIP codes ending in "00", such as "29000", as valid 5-digit ZCTA codes.

Previous versions of TIGER/Line Files and the 2007 TIGER/Line Shapefiles included 5-digit ZCTAs that could not be assigned to a specific ZIP Code. For current vintage the Census 2000 land areas (including some inland water) where a specific 5-digit ZIP Code was unavailable, the Census Bureau used the 3-digit ZIP Code from the surrounding area and defined the last two characters of the 5-digit ZCTA code as "XX." For example, 5-digit ZCTA code "290XX" represented the generic 3-digit ZIP Code 290 where no 5-digit ZIP Code was available. In current water areas such as coastal areas, rivers, and large lakes where no address and ZIP Code data were available, the water features have a 5-digit ZCTA code representing the predominant 3-digit ZIP code from an adjoining land area followed by "HH", for example "290HH".

Starting in 2008, TIGER/Line shapefiles no longer contain the generic land and water 5-digit ZCTAs ending in either "XX" or "HH".

2002 ZIP Code Tabulation Areas—The U.S. Census Bureau adjusted ZCTA boundaries in 2002 to account for new growth, ZIP Code delivery changes, and more precise ZIP Code information. There will be no further updates of ZCTAs until the 2010 Census.

4.34.1 3-Digit ZIP Code Tabulation Area (ZCTA3) National Shapefile Record Layout (2002)

File Name: tl_2009_us_zcta3.shp

Field	Length	Type	Description
ZCTA3CE	3	String	Current 3-digit ZIP Code Tabulation Area code
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.34.2 3-Digit ZIP Code Tabulation Area (ZCTA3) National Shapefile Record Layout (Census 2000)

File Name: tl_2009_us_zcta300.shp

Field	Length	Type	Description
ZCTA3CE00	3	String	Census 2000 3-digit ZIP Code Tabulation Area code
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G6340)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.34.3 5-Digit ZIP Code Tabulation Area (ZCTA5) National Shapefile Record Layout (2002)

File Name: tl_2009_us_zcta5.shp

Field	Length	Type	Description
ZCTA5CE	5	String	Current 5-digit ZIP Code Tabulation Area code
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.34.4 5-Digit ZIP Code Tabulation Area (ZCTA5) National Shapefile Record Layout (Census 2000)

File Name: tl_2009_us_zcta500.shp

Field	Length	Type	Description
ZCTA5CE00	5	String	Census 2000 5-digit ZIP Code Tabulation Area code
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G6350)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

4.34.5 3-Digit ZIP Code Tabulation Area (ZCTA3) State-based Shapefile* (2002)

File Name: tl_2009_<state FIPS>_zcta3.shp

*This shapefile is limited to those areas wholly or partially within a state.

Field	Length	Type	Description
ZCTA3CE	5	String	Current 3-digit ZIP Code Tabulation Area code
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.34.6 5-Digit ZIP Code Tabulation Area (ZCTA5) State-based Shapefile* (2002)

File Name: tl_2009_<state FIPS>_zcta5.shp

*This shapefile is limited to those areas wholly or partially within a state.

Field	Length	Type	Description
ZCTA5CE	5	String	Current 5-digit ZIP Code Tabulation Area code
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

A. Complete Record Layout

The following tables are an alphabetical list of files included in the 2009 TIGER/Line Shapefiles and relationship files and their record layout.

Address Ranges Relationship File

File Name: tl_2009_<state-county FIPS>_addr.dbf

Field	Length	Type	Description
TLID	10	Integer	Permanent edge ID
FROMHN	12	String	From house number
TOHN	12	String	To house number
SIDE	1	String	Side indicator flag
ZIP	5	String	5-digit ZIP code
PLUS4	4	String	ZIP +4 code
FROMTYP	1	String	From address range end type
TOTYP	1	String	To address range end type
FROMARMID	6	Integer	From house number source metadata ID number
TOARMID	6	Integer	To house number source metadata ID number
ARID	22	String	Address range identifier
MTFCC	5	String	MAF/TIGER feature class code

Address Range-Feature Name Relationship File

File Name: tl_2009_<state-county FIPS>_addrfn.dbf

Field	Length	Type	Description
ARID	22	String	Address range identifier
LINEARID	22	String	Linear feature identifier

Alaska Native Regional Corporation (ANRC) Shapefile (Current)

File Name: tl_2009_02_anrc.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
ANRCFP	5	String	Current Alaska Native Regional Corporation FIPS code
ANRCNS	8	String	Current Alaska Native Regional Corporation ANSI code
NAME	100	String	Current Alaska Native Regional Corporation name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for Alaska Native Regional Corporation
LSAD	2	String	Current legal/statistical area description code for Alaska Native Regional Corporation
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G2200)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Alaska Native Regional Corporation (ANRC) Shapefile (Census 2000)

File Name: tl_2009_02_anrc00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
ANRCFP00	5	String	Census 2000 Alaska Native Regional Corporation FIPS code
NAME00	100	String	Census 2000 Alaska Native Regional Corporation name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for Alaska Native Regional Corporation
LSAD00	2	String	Census 2000 legal/statistical area description code for Alaska Native Regional Corporation
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G2200)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

All Lines Shapefile

File Name: tl_2009_<state-county FIPS>_edges.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
TLID	10	Integer	Permanent edge ID
TFIDL	10	Integer	Permanent face ID on the left of the edge
TFIDR	10	Integer	Permanent face ID on the right of the edge
MTFCC	5	String	MAF/TIGER feature class code of the primary feature for the edge
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
SMID	22	String	Spatial metadata identifier
LFROMADD	12	String	From house number associated with the most inclusive address range on the left side of the edge
LTOADD	12	String	To house number associated with the most inclusive address range on the left side of the edge
RFROMADD	12	String	From house number associated with the most inclusive address range on the right side of the edge
RTOADD	12	String	To house number associated with the most inclusive address range on the right side of the edge
ZIPL	5	String	ZIP code associated with the most inclusive address range on the left side
ZIPR	5	String	ZIP code associated with the most inclusive address range on the right side
FEATCAT	1	String	General feature classification category
HYDROFLG	1	String	Hydrography feature indicator
RAILFLG	1	String	Rail feature indicator
ROADFLG	1	String	Road feature indicator
OLFFLG	1	String	Other linear feature indicator
PASSFLG	1	String	Special passage flag
DIVROAD	1	String	Divided road flag
EXTTYP	1	String	Extension type
TTYP	1	String	Track type
DECKEDROAD	1	String	Decked road indicator
ARTPATH	1	String	Artificial path indicator
PERSIST	1	String	Hydrographic persistence flag
GCSEFLG	1	String	Short lines flag for geographic corridors
OFFSETL	1	String	Left offset flag
OFFSETR	1	String	Right offset flag
TNIDF	10	Integer	From TIGER node identifier
TNIDT	10	Integer	To TIGER node identifier

American Indian Tribal Subdivision (AITS) AIA-based Shapefile (Current)

File Name: tl_2009_<AIA code>_aitsaia.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE	3	String	Current tribal subdivision code
TRSUBNS	8	String	Current American Indian tribal subdivision ANSI code
TRSUBID	7	String	Current tribal subdivision identifier: a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME	100	String	Current American Indian tribal subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD	2	String	Current legal/statistical area description code for American Indian tribal subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

American Indian Tribal Subdivision (AITS) AIA-based Shapefile (Census 2000)

File Name: tl_2009_<AIA code>_aitsaia00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE00	3	String	Census 2000 tribal subdivision code
TRSUBID00	7	String	Census 2000 tribal subdivision identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area code and tribal subdivision code
NAME00	100	String	Census 2000 American Indian tribal subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian tribal subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

American Indian/Alaska Native/Native Hawaiian Area (AIANNH) National Shapefile (Current)

File Name: tl_2009_us_aiannh.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
AIANNHNS	8	String	Current American Indian/Alaska Native/Native Hawaiian area ANSI code
AIANNHID	5	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or trust land identifier; a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and reservation/statistical area or off-reservation trust land indicator
NAME	100	String	Current American Indian/Alaska Native/Native Hawaiian area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian area
LSAD	2	String	Current legal/statistical area description code for American Indian/Alaska Native/Native Hawaiian area
COMPTYP	1	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
CLASSFP	2	String	Current FIPS class code
AIANNHR	1	String	Current American Indian/Alaska Native/Native Hawaiian area federal/state recognition flag
MTFCC	5	String	MAF/TIGER feature class code (see below)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

The MTFCC values are:

- G2100 (legal American Indian area);
- G2101 (American Indian Area, reservation only);
- G2102 (American Indian Area, off-reservation trust land only);
- G2120 (Hawaiian home land);
- G2130 (Alaska Native village statistical area);
- G2140 (Oklahoma tribal statistical area);
- G2150 (state-designated tribal statistical area);
- G2160 (tribal designated statistical area);
- G2170 (joint-use area)

American Indian/Alaska Native/Native Hawaiian Area (AIANNH) National Shapefile (Census 2000)

File Name: tl_2009_us_aiannh00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
AIANNHID00	5	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or trust land identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area census code and reservation/statistical area or off-reservation trust land indicator
NAME00	100	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian area
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian/Alaska Native/Native Hawaiian area
CLASSFP00	2	String	Census 2000 FIPS class code
COMPTYP00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
AIANNHR00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area federal/state recognition flag
MTFCC00	5	String	MAF/TIGER feature class code (see below)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

The MTFCC values are:

- G2100 (legal American Indian area);
- G2101 (American Indian Area, reservation only);
- G2102 (American Indian Area, off-reservation trust land only);
- G2120 (Hawaiian home land);
- G2130 (Alaska Native village statistical area);
- G2140 (Oklahoma tribal statistical area);
- G2150 (state-designated tribal statistical area);
- G2160 (tribal designated statistical area);
- G2170 (joint-use area)

American Indian/Alaska Native/Native Hawaiian Area (AIANNH) State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_aiannh.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
AIANNHNS	8	String	Current American Indian/Alaska Native/Native Hawaiian area ANSI code
AIANNHID	5	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or trust land identifier; a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and reservation/statistical area or off-reservation trust land indicator
NAME	100	String	Current American Indian/Alaska Native/Native Hawaiian area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian area
LSAD	2	String	Current legal/statistical area description code for American Indian/Alaska Native/Native Hawaiian area
CLASSFP	2	String	Current FIPS class code
COMPTYP	1	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
AIANNHR	1	String	Current American Indian/Alaska Native/Native Hawaiian area federal/state recognition flag
MTFCC	5	String	MAF/TIGER feature class code (see below)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Latitude of the internal point
INTPTLON	12	String	Longitude of the internal point
STATEFP	2	String	Current state FIPS code
AIANNHFP	5	Number	Current American Indian/Alaska Native/Native Hawaiian area FIPS code
PARTFLG	1	String	Part Flag identifying if all or part of the Census 2000 entity is within the file

American Indian/Alaska Native/Native Hawaiian Area (AIANNH) State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_aiannh00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
AIANNHID00	5	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or trust land identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area census code and reservation/statistical area or off-reservation trust land indicator
NAME00	100	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian area
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian/Alaska Native/Native Hawaiian area
CLASSFP00	2	String	Census 2000 FIPS class code
COMPTYP00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
AIANNHR00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area federal/state recognition flag
MTFCC00	5	String	MAF/TIGER feature class code (see below)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point
STATEFP00	2	String	Census 2000 state FIPS code
AIANNHF00	5	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area FIPS code
PARTFLG00	1	String	Part Flag identifying if all or part of the Census 2000 entity is within the file

American Indian Tribal Subdivision (AITS) National Shapefile (Current)

File Name: tl_2009_us_aitns.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE	3	String	Current tribal subdivision census code
TRSUBNS	8	String	Current American Indian tribal subdivision ANSI code
TRSUBID	7	String	Current tribal subdivision identifier; a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME	100	String	Current American Indian tribal subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD	2	String	Current legal/statistical area description code for American Indian tribal subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

American Indian Tribal Subdivision (AITS) National Shapefile (Census 2000)

File Name: tl_2009_us_aitns00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE00	3	String	Census 2000 tribal subdivision census code
TRSUBID00	7	String	Census 2000 tribal subdivision identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME00	100	String	Census 2000 American Indian tribal subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian tribal subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

American Indian Tribal Subdivision (AITS) State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_aits.shp

Field	Length	Type	Description
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE	3	String	Current tribal subdivision code
TRSUBNS	8	String	Current American Indian tribal subdivision ANSI code
TRSUBID	7	String	Current tribal subdivision identifier: a concatenation of current American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME	100	String	Current American Indian tribal subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD	2	String	Current legal/statistical area description code for American Indian tribal subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
STATEFP	2	String	Current state FIPS code
TRSUBFP	5	Number	Current American Indian Tribal Subdivision FIPS code
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

American Indian Tribal Subdivision (AITS) State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_aits00.shp

Field	Length	Type	Description
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
TRSUBCE00	3	String	Census 2000 tribal subdivision census code
TRSUBID00	7	String	Census 2000 tribal subdivision identifier; a concatenation of Census 2000 American Indian/Alaska Native/Native Hawaiian area census code and tribal subdivision census code
NAME00	100	String	Census 2000 American Indian tribal subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for American Indian tribal subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for American Indian tribal subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G2300)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point
STATEFP00	2	String	Census 2000 state FIPS code
TRSUBFP00	5	Number	Census 2000 American Indian Tribal Subdivision FIPS code
PARTFLG00	1	String	Part Flag identifying if all or part of the Census 2000 entity is within the file

Area Hydrography Shapefile

File Name: tl_2009_<state-county FIPS>_areawater.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
ANSICODE	8	String	Current official code for the water body for use by federal agencies for data transfer and dissemination, if applicable
HYDROID	22	String	Area hydrography identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Block State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_tabblock.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
COUNTYFP	3	String	Current county FIPS code
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLOCKCE00	4	String	Census 2000 tabulation block number
SUFFIX1CE	1	String	Current census block suffix 1
BLKIDFP	16	String	Current block identifier; a concatenation of Census 2000 state FIPS code, Census 2000 county FIPS code, Census 2000 census tract code, Census 2000 tabulation block number, and current block suffix 1.
NAME	11	String	Current tabulation block name; a concatenation of "Block", the current tabulation block number, and the block suffix 1
MTFCC	5	String	MAF/TIGER feature class code (G5040)
UR	1	String	Corrected Census 2000 urban/rural indicator
UACE	5	String	Corrected Census 2000 urban area code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Block State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_tabblock00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLOCKCE00	4	String	Census 2000 tabulation block number
BLKIDFP00	15	String	Census 2000 block identifier; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
NAME00	10	String	Census 2000 tabulation block name; a concatenation of "Block" and the Census 2000 tabulation block number
MTFCC00	5	String	MAF/TIGER feature class code (G5040)
UR00	1	String	Census 2000 urban/rural indicator
UACE00	5	String	Census 2000 urban area code
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Block County-based Shapefile (Current)

File Name: tl_2009_<state-county FIPS>_tabblock.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUNTYNS	8	String	Current county ANSI code
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLOCKCE00	4	String	Census 2000 tabulation block number
SUFFIX1CE	1	String	Current census block suffix 1
BLKIDFP	16	String	Current block identifier; a concatenation of Census 2000 state FIPS code, Census 2000 county FIPS code, Census 2000 census tract code, Census 2000 tabulation block number, and current block suffix 1.
NAME	11	String	Current tabulation block name; a concatenation of "Block", the current tabulation block number, and the block suffix 1
MTFCC	5	String	MAF/TIGER feature class code (G5040)
UR	1	String	Corrected Census 2000 urban/rural indicator
UACE	5	String	Corrected Census 2000 urban area code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Block County-based Shapefile (Census 2000)

File Name: tl_2009_<state-county FIPS>_tabblock00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLOCKCE00	4	String	Census 2000 tabulation block number
BLKIDFP00	15	String	Census 2000 block identifier; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
NAME00	10	String	Census 2000 tabulation block name; a concatenation of "Block" and the Census 2000 tabulation block number
MTFCC00	5	String	MAF/TIGER feature class code (G5040)
UR00	1	String	Census 2000 urban/rural indicator
UACE00	5	String	Census 2000 urban area code
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Block Group State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_bg00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLKGRPCE00	1	String	Census 2000 block group number
BKGPIDFP00	12	String	Census 2000 census block group identifier; a concatenation of state FIPS code, county FIPS code, census tract code, and block group number
NAMELSAD00	13	String	Census 2000 translated legal/statistical area description and the block group number
MTFCC00	5	String	MAF/TIGER feature class code (G5030)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Block Group County-based Shapefile (Census 2000)

File Name: tl_2009_<state-county FIPS>_bg00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLKGRPCE00	1	String	Census 2000 block group number
BKGPIDFP00	12	String	Census 2000 census block group identifier; a concatenation of state FIPS code, county FIPS code, census tract code, and block group number
NAMELSAD00	13	String	Census 2000 translated legal/statistical area description and the block group number
MTFCC00	5	String	MAF/TIGER feature class code (G5030)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Census Tract State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_tract00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
CTIDFP00	11	String	Census 2000 census tract identifier; a concatenation of state FIPS code, county FIPS code, and census tract code
NAME00	7	String	Census 2000 census tract name, including the decimal point and decimal digits if a non-zero census tract suffix exists, excluding trailing zeros unless the zeros are part of a non-zero census tract suffix, and excluding any leading zeros
NAMELSAD00	20	String	Census 2000 translated legal/statistical area description and the census tract name
MTFCC00	5	String	MAF/TIGER feature class code (G5020)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Census Tract County-based Shapefile (Census 2000)

File Name: tl_2009_<state-county FIPS>_tract00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
CTIDFP00	11	String	Census 2000 census tract identifier; a concatenation of state FIPS code, county FIPS code, and census tract code
NAME00	7	String	Census 2000 census tract name, including the decimal point and decimal digits if a non-zero census tract suffix exists, excluding trailing zeros unless the zeros are part of a non-zero census tract suffix, and excluding any leading zeros
NAMELSAD00	20	String	Census 2000 translated legal/statistical area description and the census tract name
MTFCC00	5	String	MAF/TIGER feature class code (G5020)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Combined New England City and Town Area (CNECTA) National Shapefile (Current)

File Name: tl_2009_us_cnecta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code
NAME	100	String	Current combined New England city and town area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for combined New England city and town area
LSAD	2	String	Current legal/statistical area description code for combined New England city and town area
MTFCC	5	String	MAF/TIGER feature class code (G3200)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Combined New England City and Town Area (CNECTA) State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_cnecta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code
NAME	100	String	Current combined New England city and town area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for combined New England city and town area
LSAD	2	String	Current legal/statistical area description code for combined New England city and town area
MTFCC	5	String	MAF/TIGER feature class code (G3200)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

Combined Statistical Area (CSA) National Shapefile (Current)

File Name: tl_2009_us_csa.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code
NAME	100	String	Current combined statistical area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for combined statistical area
LSAD	2	String	Current legal/statistical area description code for combined statistical area
MTFCC	5	String	MAF/TIGER feature class code (G3100)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Combined Statistical Area (CSA) State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_csa.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code
NAME	100	String	Current combined statistical area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for combined statistical area
LSAD	2	String	Current legal/statistical area description code for combined statistical area
MTFCC	5	String	MAF/TIGER feature class code (G3100)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

Commercial Region Shapefile (Economic Census)

File Name: tl_2009_72_comrgec.shp

Field	Length	Type	Description
STATEFPEC	2	String	2007 Economic Census state FIPS code
COMRGCEEC	1	String	2007 Economic Census commercial region code
COMREGIDEC	3	String	2007 Economic Census commercial region identifier; a concatenation of Economic Census state FIPS code and Economic Census commercial region census code
NAMEEC	100	String	2007 Economic Census commercial region name
NAMELSADEC	100	String	2007 Economic Census commercial region name and the translated legal/statistical area description for commercial region
LSADEC	2	String	2007 Economic Census legal/statistical area description code for commercial region
MTFCCEC	5	String	MAF/TIGER feature class code
FUNCSTATEC	1	String	2007 Economic Census functional status
ALANDEC	14	Number	2007 Economic Census land area
AWATEREC	14	Number	2007 Economic Census water area
INTPTLATEC	11	String	2007 Economic Census latitude of the internal point
INTPTLONEC	12	String	2007 Economic Census longitude of the internal point

Congressional District-111th Shapefile

File Name: tl_2009_<state FIPS>_cd111.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
CD111FP	2	String	111th Congressional District FIPS code
CD111IDFP	7	String	111th Congressional District identifier; a concatenation of current state FIPS code, the 111 th congressional session code, and the 111th Congressional District FIPS code
NAMELSAD	41	String	Current name and the translated legal/statistical area description for congressional district
LSAD	2	String	Current legal/statistical area description code for congressional district
CDESSN	3	String	111th congressional session code
MTFCC	5	String	MAF/TIGER feature class code (G5200)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Congressional District-108th Shapefile

File Name: tl_2009_<state FIPS>_cd108.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
CD108FP	2	String	108 th congressional district FIPS code
CD108IDFP	7	String	108 th congressional district identifier; a concatenation of Census 2000 state FIPS code, the 108 th congressional session code, and the 108 th congressional district FIPS code
NAMELSAD00	41	String	Census 2000 name and the translated legal/statistical area description for congressional district
LSAD00	2	String	Census 2000 legal/statistical area description code for congressional district
CDESSN	3	String	108 th congressional session code
MTFCC00	5	String	MAF/TIGER feature class code (G5200)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Consolidated City Shapefile (Current)

File Name: tl_2009_<state FIPS>_concity.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
CONCTYFP	5	String	Current consolidated city FIPS code
CONCTYNS	8	String	Current consolidated city ANSI code
CCTYIDFP	7	String	Current consolidated city identifier; a concatenation of current state FIPS code and consolidated city FIPS code
NAME	100	String	Current consolidated city name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for consolidated city
LSAD	2	String	Current legal/statistical area description code for consolidated city
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4120)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Consolidated City Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_concity00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
CONCTYFP00	5	String	Census 2000 consolidated city FIPS code
CCTYIDFP00	7	String	Census 2000 consolidated city identifier; a concatenation of Census 2000 state FIPS code and consolidated city FIPS code
NAME00	100	String	Census 2000 consolidated city name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for consolidated city
LSAD00	2	String	Census 2000 legal/statistical area description code for consolidated city
CLASSFP00	2	String	Census 2000 FIPS class code
CPI00	1	String	Census 2000 urban area central place indicator
MTFCC00	5	String	MAF/TIGER feature class code (G4120)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

County and Equivalent National Shapefile (Current)

File Name: tl_2009_us_county.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUNTYNS	8	String	Current county ANSI code
CNTYIDFP	5	String	Current county identifier; a concatenation of current state FIPS code and county FIPS code
NAME	100	String	Current county name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for county
LSAD	2	String	Current legal/statistical area description code for county
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4020)
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

County and Equivalent National Shapefile (Census 2000)

File Name: tl_2009_us_county00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
CNTYIDFP00	5	String	Census 2000 county identifier; a concatenation of Census 2000 state FIPS code and county FIPS code
NAME00	100	String	Census 2000 county name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for county
LSAD00	2	String	Census 2000 legal/statistical area description code for county
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G4020)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

County and Equivalent State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_county.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUNTYNS	8	String	Current county ANSI code
CNTYIDFP	5	String	Current county identifier; a concatenation of current state FIPS code and county FIPS code
NAME	100	String	Current county name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for county
LSAD	2	String	Current legal/statistical area description code for county
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4020)
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

County and Equivalent State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_county00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
CNTYIDFP00	5	String	Census 2000 county identifier; a concatenation of Census 2000 state FIPS code and county FIPS code
NAME00	100	String	Census 2000 county name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for county
LSAD00	2	String	Census 2000 legal/statistical area description code for county
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G4020)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

County and Equivalent Shapefile (Economic Census)

File Name: tl_2009_<state FIPS>_countyec.shp

Field	Length	Type	Description
STATEFPEC	2	String	2007 Economic Census state FIPS code
COUNTYFPEC	3	String	2007 Economic Census county FIPS code
CNTYIDFPEC	5	String	2007 Economic Census county identifier; a concatenation of 2007 Economic Census state FIPS code and county FIPS code
NAMEEC	100	String	2007 Economic Census county name
NAMELSADEC	100	String	2007 Economic Census name and the translated legal/statistical area description for county
LSADEC	2	String	2007 Economic Census legal/statistical area description code for county
CLASSFPEC	2	String	2007 Economic Census FIPS class code
MTFCCEC	5	String	MAF/TIGER feature class code (G4020)
FUNCSTATEC	1	String	2007 Economic Census functional status
ALANDEC	14	Number	2007 Economic Census land area
AWATEREC	14	Number	2007 Economic Census water area
INTPTLATEC	11	String	2007 Economic Census latitude of the internal point
INTPTLONEC	12	String	2007 Economic Census longitude of the internal point

County Subdivision State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_cousub.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUSUBFP	5	String	Current county subdivision FIPS code
COUSUBNS	8	String	Current county subdivision ANSI code
COSBIDFP	10	String	Current county subdivision identifier; a concatenation of current state FIPS code, county FIPS code, and county subdivision FIPS code.
NAME	100	String	Current county subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for county subdivision
LSAD	2	String	Current legal/statistical area description code for county subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
CNECTAFP	3	String	Current combined New England city and town area code
NECTAFP	5	String	Current New England city and town area code
NCTADVFP	5	String	Current New England city and town area division code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

County Subdivision State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_cousub00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
COUSUBFP00	5	String	Census 2000 county subdivision FIPS code
COSBIDFP00	10	String	Census 2000 county subdivision identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, and county subdivision FIPS code.
NAME00	100	String	Census 2000 county subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description code for county subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for county subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

County Subdivision County-based Shapefile (Current)

File Name: tl_2009_<state-county FIPS>_cousub.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUSUBFP	5	String	Current county subdivision FIPS code
COUSUBNS	8	String	Current county subdivision ANSI code
COSBIDFP	10	String	Current county subdivision identifier; a concatenation of current state FIPS code, county FIPS code, and county subdivision FIPS code
NAME	100	String	Current county subdivision name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for county subdivision
LSAD	2	String	Current legal/statistical area description code for county subdivision
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4040)
CNECTAFP	3	String	Current combined New England city and town area code
NECTAFP	5	String	Current New England city and town area code
NCTADVFP	5	String	Current New England city and town area division code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

County Subdivision County-based Shapefile (Census 2000)

File Name: tl_2009_<state-county FIPS>_cousub00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
COUSUBFP00	5	String	Census 2000 county subdivision FIPS code
COSBIDFP00	10	String	Census 2000 county subdivision identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, and county subdivision FIPS code
NAME00	100	String	Census 2000 county subdivision name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for county subdivision
LSAD00	2	String	Census 2000 legal/statistical area description code for county subdivision
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G4040)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Elementary School District Shapefile (Current)

File Name: tl_2009_<state FIPS>_elsd.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
ELSDLEA	5	String	Current elementary school district local education agency code
ELSDIDFP	7	String	Current school district identifier; a concatenation of current state FIPS code and elementary school district local education agency code
NAME	100	String	Current elementary school district name
LSAD	2	String	Current legal/statistical area description code for elementary school district
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
MTFCC	5	String	MAF/TIGER feature class code (G5400)
SDTYP	1	String	Current school district type
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Elementary School District Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_elsd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
ELSDLEA00	5	String	Census 2000 elementary school district local education agency code
ELSDIDFP00	7	String	Census 2000 school district identifier: a concatenation of Census 2000 state FIPS code and elementary school district local education agency code
NAME00	100	String	Census 2000 elementary school district name
LSAD00	2	String	Census 2000 legal/statistical area description code for elementary school district
LOGRADE00	2	String	Census 2000 lowest grade covered by school district
HIGRADE00	2	String	Census 2000 highest grade covered by school district
MTFCC00	5	String	MAF/TIGER feature class code (G5400)
SDTYP00	1	String	Census 2000 school district type
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Feature Names Relationship File

File Name: tl_2009_<state-county FIPS>_featnames.dbf

Field	Length	Type	Description
TLID	10	Integer	Permanent edge ID
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
NAME	100	String	Base name portion of the standardized name
PREDIRABRV	15	String	Prefix direction description component of the feature name
PRETYPABRV	50	String	Prefix type description component of the feature name
PREQUALABR	15	String	Prefix qualifier description component of the feature name
SUFDIRABRV	15	String	Suffix direction description component of the feature name
SUFTYPABRV	50	String	Suffix type description component of the feature name
SUFQUALABR	15	String	Suffix qualifier description component of the feature name
PREDIR	2	String	Prefix direction code component of the feature name
PRETYP	3	String	Prefix type code description component of the feature name
PREQUAL	2	String	Prefix qualifier code component of the feature name
SUFDIR	2	String	Suffix direction code component of the feature name
SUFTYP	3	String	Suffix type code description component of the feature name
SUFQUAL	2	String	Suffix qualifier code component of the feature name
LINEARID	22	String	Linear feature identifier
MTFCC	5	String	MAF/TIGER feature class code
PAFLAG	1	String	Primary/alternate flag

Landmark (Area) Shapefile

File Name: tl_2009_<state-county FIPS>_arealm.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
ANSICODE	8	String	Current official code for the landmark for use by federal agencies for data transfer and dissemination
AREAID	22	String	Area landmark identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Landmark (Point) Shapefile

File Name: tl_2009_<state-county FIPS>_pointlm.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
ANSICODE	8	String	Current official code for the point landmark for use by federal agencies for data transfer and dissemination, if applicable
POINTID	22	String	Point landmark identifier
FULLNAME	100	String	Concatenation of expanded text for prefix type, base name, and suffix type with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code

Metropolitan Division National Shapefile (Current)

File Name: tl_2009_us_metdiv.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
NAME	100	String	Current metropolitan division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for metropolitan division
LSAD	2	String	Current legal/statistical area description code for metropolitan division
MTFCC	5	String	MAF/TIGER feature class code (G3120)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Metropolitan Division State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_metdiv.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
METDIVFP	5	String	Current metropolitan division code
NAME	100	String	Current metropolitan division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for metropolitan division
LSAD	2	String	Current legal/statistical area description code for metropolitan division
MTFCC	5	String	MAF/TIGER feature class code (G3120)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

Metropolitan Statistical Area/Micropolitan Statistical Area (CBSA) National Shapefile (Current)

File Name: tl_2009_us_cbsa.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code, if applicable
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
NAME	100	String	Current metropolitan statistical area/micropolitan statistical area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for metropolitan statistical area/micropolitan statistical area
LSAD	2	String	Current legal/statistical area description code for metropolitan statistical area/micropolitan statistical area
MEMI	1	String	Current metropolitan/micropolitan status indicator
MTFCC	5	String	MAF/TIGER feature class code (G3110)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Metropolitan/Micropolitan Statistical Area (CBSA) State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_cbsa.shp

Field	Length	Type	Description
CSAFP	3	String	Current combined statistical area code, if applicable
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
NAME	100	String	Current metropolitan statistical area/micropolitan statistical area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for metropolitan statistical area/micropolitan statistical area
LSAD	2	String	Current legal/statistical area description code for metropolitan statistical area/micropolitan statistical area
MEMI	1	String	Current metropolitan/micropolitan status indicator
MTFCC	5	String	MAF/TIGER feature class code (G3110)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within file

Military Installation National Shapefile

File Name: tl_2009_us_mil.shp

Field	Length	Type	Description
ANSICODE	8	String	Current official code for the landmark for use by federal agencies for data transfer and dissemination
AREAID	22	String	Area landmark identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Military Installation State-based Shapefile

File Name: tl_2009_<state FIPS>_mil.shp

Field	Length	Type	Description
ANSICODE	8	String	Current official code for the landmark for use by federal agencies for data transfer and dissemination
AREAID	22	String	Area landmark identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

New England City and Town Area (NECTA) National Shapefile (Current)

File Name: tl_2009_us_necta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code, if applicable
NECTAFP	5	String	Current New England city and town area code
NAME	100	String	Current New England city and town area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for New England city and town area
LSAD	2	String	Current legal/statistical area description code for New England city and town area
NMEMI	1	String	Current New England city and town area metropolitan/micropolitan status indicator
MTFCC	5	String	MAF/TIGER feature class code (G3210)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

New England City and Town Area (NECTA) Division State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_necta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current Combined New England City and Town Area FIPS code.
NECTAFP	5	String	Current New England City and Town Area FIPS code
NCTADVFP	5	String	Current New England City and Town Area Division FIPS code
NAME	100	String	Current New England City and Town Area Division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for New England City and Town Area division
LSAD	2	String	Current legal/statistical area description code for New England City and Town Area division
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

New England City and Town Area (NECTA) State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_necta.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code, if applicable
NECTAFP	5	String	Current New England city and town area code
NAME	100	String	Current New England city and town area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for New England city and town area
LSAD	2	String	Current legal/statistical area description code for New England city and town area
NMEMI	1	String	Current New England city and town area metropolitan/micropolitan status indicator
MTFCC	5	String	MAF/TIGER feature class code (G3210)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

New England City and Town Area (NECTA) Division National Shapefile

File Name: tl_2009_us_nectadiv.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current Combined New England City and Town Area FIPS code.
NECTAFP	5	String	Current New England City and Town Area FIPS code
NCTADVFP	5	String	Current New England City and Town Area Division FIPS code
NAME	100	String	Current New England City and Town Area Division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for New England City and Town Area division
LSAD	2	String	Current legal/statistical area description code for New England City and Town Area division
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

New England City and Town Area (NECTA) Division State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_nectadiv.shp

Field	Length	Type	Description
CNECTAFP	3	String	Current combined New England city and town area code, if applicable
NECTAFP	5	String	Current New England city and town area code
NCTADVFP	5	String	Current New England city and town area division code
NAME	100	String	Current New England city and town area division name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for New England city and town area division
LSAD	2	String	Current legal/statistical area description code for New England city and town area division
MTFCC	5	String	MAF/TIGER feature class code (G3220)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point
PARTFLG	1	String	Part Flag identifying if all or part of the Current entity is within the file

Other Identifiers Relationship File

File Name: tl_2009_<state-county FIPS>_otherid.dbf

Field	Length	Type	Description
TLID	10	Integer	Permanent edge ID
EXTID	33	String	External identifier
EXIDTYP	1	String	External identifier type

Place Shapefile (Current)

File Name: tl_2009_<state FIPS>_place.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
PLACEFP	5	String	Current place FIPS code
PLACENS	8	String	Current place ANSI code
PLCIDFP	7	String	Current place identifier; a concatenation of current state FIPS code and place FIPS code
NAME	100	String	Current place name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for place
LSAD	2	String	Current legal/statistical area description code for place
CLASSFP	2	String	Current FIPS class code
CPI	1	String	Current urban area central place indicator
PCICBSA	1	String	Current metropolitan or micropolitan statistical area principal city indicator
PCINECTA	1	String	Current New England city and town area principal city indicator
MTFCC	5	String	MAF/TIGER feature class code (see below)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

The MTFCC values are G4110 (incorporated place) and G4210 (census designated place).

Place Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_place00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
PLACFP00	5	String	Census 2000 place FIPS code
PLCIDFP00	7	String	Census 2000 place identifier; a concatenation of Census 2000 state FIPS code and place FIPS code.
NAM00	100	String	Census 2000 place name
NAMLSAD00	100	String	Census 2000 name and the translated legal/statistical area description for place
LSAD00	2	String	Census 2000 legal/statistical area description code for place
CLASSFP00	2	String	Census 2000 FIPS class code
CPI00	1	String	Census 2000 urban area central place indicator
PCICBSA00	1	String	Census 2000 metropolitan or micropolitan statistical area principal city indicator.
PCINECTA00	1	String	Census 2000 New England city and town area principal city indicator.
MTFCC00	5	String	MAF/TIGER feature class code (see below)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

The MTFCC values are G4110 (incorporated place) and G4210 (census designated place).

Place Shapefile (Economic Census)

File Name: tl_2009_<state FIPS>_placeec.shp

Field	Length	Type	Description
STATEFPEC	2	String	2007 Economic Census state FIPS code
PLACFPEC	5	String	2007 Economic Census FIPS economic place code
PLCIDFPEC	7	String	2007 Economic Census place identifier; a concatenation of 2007 Economic Census state FIPS code and FIPS economic place code
NAMEEC	100	String	2007 Economic Census place name
NAMLSADEC	100	String	2007 Economic Census name and the translated legal/statistical area description for place
LSADEC	2	String	2007 Economic Census legal/statistical area description code for place
CLASSFPEC	2	String	2007 Economic Census FIPS class code
CPIEC	1	String	2007 Economic Census urban area central place indicator
PCICBSAEC	1	String	2007 Economic Census metropolitan or micropolitan statistical area principal city indicator
PCINECTAEC	1	String	2007 Economic Census New England city and town area principal city indicator
MTFCCEC	5	String	MAF/TIGER feature class code (G4300)
FUNCSTATEC	1	String	2007 Economic Census functional status
ALANDEC	14	Number	2007 Economic Census land area
AWATEREC	14	Number	2007 Economic Census water area
INTPTLATEC	11	String	2007 Economic Census latitude of the internal point
INTPTLONEC	12	String	2007 Economic Census longitude of the internal point

Public Use Microdata Area (PUMA) Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_puma500.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
PUMA5CE00	5	String	Census 2000 Public Use Microdata Area census code
PUMA5ID00	7	String	Census 2000 Public Use Microdata Area identifier; a concatenation of Census 2000 state FIPS code and Super Public Use Microdata census code
NAMELSAD00	11	String	Census 2000 translated legal/statistical area description and Public Use Microdata Area census code
MTFCC00	5	String	MAF/TIGER feature class code (G6120)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Secondary School District Shapefile (Current)

File Name: tl_2009_<state FIPS>_scsd.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
SCSDLEA	5	String	Current secondary school district local education agency code
SCSDIDFP	7	String	Current school district identifier; a concatenation of current state FIPS code and secondary school district local education agency code
NAME	100	String	Current secondary school district name
LSAD	2	String	Current legal/statistical area description code for secondary school district
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
MTFCC	5	String	MAF/TIGER feature class code (G5410)
SDTYP	1	String	Current school district type
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Secondary School District Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_scsd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
SCSDLEA00	5	String	Census 2000 secondary school district local education agency code
SCSDIDFP00	7	String	Census 2000 school district identifier; a concatenation of Census 2000 state FIPS code and secondary school district local education agency code
NAME00	100	String	Census 2000 secondary school district name
LSAD00	2	String	Census 2000 legal/statistical area description code for secondary school district
LOGRADE00	2	String	Census 2000 lowest grade covered by school district
HIGRADE00	2	String	Census 2000 highest grade covered by school district
MTFCC00	5	String	MAF/TIGER feature class code (G5410)
SDTYP00	1	String	Census 2000 school district type
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

State and Equivalent National Shapefile (Current)

File Name: tl_2009_us_state.shp

Field	Length	Type	Description
REGION	2	String	Current Census region code
DIVISION	2	String	Current Census division code
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
STUSPS	2	String	Current United States Postal Service state abbreviation
NAME	100	String	Current state name
LSAD	2	String	Current legal/statistical area description code for state
MTFCC	5	String	MAF/TIGER feature class code (G4000)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

State and Equivalent National Shapefile (Census 2000)

File Name: tl_2009_us_state00.shp

Field	Length	Type	Description
REGION00	2	String	Census 2000 region code
DIVISION00	2	String	Census 2000 division code
STATEFP00	2	String	Census 2000 state FIPS code
STUSPS00	2	String	Census 2000 United States Postal Service state abbreviation
NAME00	100	String	Census 2000 state name
LSAD00	2	String	Census 2000 legal/statistical area description code for state
MTFCC00	5	String	MAF/TIGER feature class code (G4000)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

State and Equivalent National Shapefile (Economic Census)

File Name: tl_2009_us_stateec.shp

Field	Length	Type	Description
REGIONEC	2	String	2007 Economic Census region code
DIVISIONEC	2	String	2007 Economic Census division code
STATEFPEC	2	String	2007 Economic Census state FIPS code
STUSPSEC	2	String	2007 Economic Census United States Postal Service state abbreviation
NAMEEC	100	String	2007 Economic Census state name
LSADEC	2	String	2007 Economic Census legal/statistical area description code for state
MTFCCEC	5	String	MAF/TIGER feature class code (G4000)
FUNCSTATEC	1	String	2007 Economic Census functional status
ALANDEC	14	Number	2007 Economic land area
AWATEREC	14	Number	2007 Economic water area
INTPTLATEC	11	String	2007 Economic latitude of the internal point
INTPTLONEC	12	String	2007 Economic longitude of the internal point

State and Equivalent State-based Shapefile (Current)

File Name: tl_2009_<state FIPS>_state.shp

Field	Length	Type	Description
REGION	2	String	Current census region code
DIVISION	2	String	Current census division code
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
STUSPS	2	String	Current United States Postal Service state abbreviation
NAME	100	String	Current state name
LSAD	2	String	Current legal/statistical area description code for state
MTFCC	5	String	MAF/TIGER feature class code (G4000)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

State and Equivalent State-based Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_state00.shp

Field	Length	Type	Description
REGION00	2	String	Census 2000 census region code
DIVISION00	2	String	Census 2000 census division code
STATEFP00	2	String	Census 2000 state FIPS code
STUSPS00	2	String	Census 2000 United States Postal Service state abbreviation
NAME00	100	String	Census 2000 state name
LSAD00	2	String	Census 2000 legal/statistical area description code for state
MTFCC00	5	String	MAF/TIGER feature class code (G4000)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

State Legislative District Lower Chamber (SLDL) Shapefile (Current)

File Name: tl_2009_<state FIPS>_sldl.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
SLDLST	3	String	Current state legislative district lower chamber code
SLDLIDFP	5	String	Current state legislative district lower chamber identifier; a concatenation of current state FIPS code and state legislative district lower chamber code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for state legislative district lower chamber
LSAD	2	String	Current legal/statistical area description code for state legislative district lower chamber
LSY	4	String	Legislative session year
MTFCC	5	String	MAF/TIGER feature class code (G5220)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

State Legislative District Lower Chamber (SLDL) Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_sldl00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
SLDLST00	3	String	Census 2000 state legislative district lower chamber code
SLDLIDFP00	5	String	Census 2000 state legislative district lower chamber identifier; a concatenation of Census 2000 state FIPS code and state legislative district lower chamber code
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for state legislative district lower chamber
LSAD00	2	String	Census 2000 legal/statistical area description code for state legislative district lower chamber
LSY	4	String	Legislative session year
MTFCC00	5	String	MAF/TIGER feature class code (G5220)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

State Legislative District Upper Chamber (SLDU) Shapefile (Current)

File Name: tl_2009_<state FIPS>_sldu.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
SLDUST	3	String	Current state legislative district upper chamber code
SLDUIDFP	5	String	Current state legislative district upper chamber identifier; a concatenation of current state FIPS code and state legislative district upper chamber code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for state legislative district upper chamber
LSAD	2	String	Current legal/statistical area description code for state legislative district upper chamber
LSY	4	String	Legislative session year
MTFCC	5	String	MAF/TIGER feature class code (G5210)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

State Legislative District Upper Chamber (SLDU) Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_sldu00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
SLDUST00	3	String	Census 2000 state legislative district upper chamber code
SLDUIDFP00	5	String	Census 2000 state legislative district upper chamber identifier; a concatenation of Census 2000 state FIPS code and state legislative district upper chamber code
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for state legislative district upper chamber
LSAD00	2	String	Census 2000 legal/statistical area description code for state legislative district upper chamber
LSY	4	String	Legislative session year
MTFCC00	5	String	MAF/TIGER feature class code (G5210)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Subbarrio Shapefile (Current)

File Name: tl_2009_<state (72)-county FIPS>_submcd.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUSUBFP	5	String	Current county subdivision FIPS code
SUBMCDFP	5	String	Current subbarrio FIPS code
SUBMCDNS	8	String	Current subbarrio ANSI code
SMCDIDFP	15	String	Current subbarrio identifier; a concatenation of current state FIPS code, county FIPS code, county subdivision FIPS code, and subbarrio FIPS code
NAME	100	String	Current subbarrio name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for subbarrio
LSAD	2	String	Current legal/statistical area description code for subbarrio
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code (G4060)
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Subbarrio Shapefile (Census 2000)

File Name: tl_2009_<state (72)-county FIPS>_submcd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
COUSUBFP00	5	String	Census 2000 county subdivision FIPS code
SUBMCDFP00	5	String	Census 2000 subbarrio FIPS code
SMCDIDFP00	15	String	Census 2000 subbarrio identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, county subdivision FIPS code, and subbarrio FIPS code
NAME00	100	String	Census 2000 subbarrio name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for subbarrio
LSAD00	2	String	Census 2000 legal/statistical area description code for subbarrio
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G4060)
UR00	1	String	Census 2000 urban/rural indicator
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Super Public Use Microdata Area (Super PUMA) Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_puma100.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
PUMA1CE00	5	String	Census 2000 Super Public Use Microdata census code
PUMA1ID00	7	String	Census 2000 Super Public Use Microdata identifier; a concatenation of Census 2000 state FIPS code and Super Public Use Microdata census code
NAMELSAD00	11	String	Census 2000 translated legal/statistical area description and Super Public Use Microdata census code
MTFCC00	5	String	MAF/TIGER feature class code (G6100)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Topological Faces (Polygons With All Geocodes) Shapefile

File Name: tl_2009_<state-county FIPS>_faces.shp

Field	Length	Type	Description
TFID	10	Integer	Permanent face ID
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TRACTCE00	6	String	Census 2000 census tract code
BLKGRPCE00	1	String	Census 2000 block group number
BLOCKCE00	4	String	Census 2000 tabulation block number
SUFFIX1CE	1	String	Current census block suffix 1
COUSUBFP00	5	String	Census 2000 county subdivision FIPS code
SUBMCDFP00	5	String	Census 2000 subbarrio FIPS code in Puerto Rico
CONCTYFP00	5	String	Census 2000 consolidated city FIPS code
PLACEFP00	5	String	Census 2000 place FIPS code
AIANNHFP00	5	Number	Census 2000 American Indian/Alaska Native/Native Hawaiian area FIPS code
AIANNHCE00	4	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area census code
COMPTYP00	1	String	Census 2000 American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
TRSUBFP00	5	Number	Census 2000 American Indian tribal subdivision FIPS code
TRSUBCE00	3	String	Census 2000 tribal subdivision code
ANRCFP00	5	String	Census 2000 Alaska Native Regional Corporation FIPS code
ELSDLEA00	5	String	Census 2000 elementary school district local education agency code
SCSDLEA00	5	String	Census 2000 secondary school district local education agency code
UNSDLEA00	5	String	Census 2000 unified school district local education agency code
UACE00	5	String	Census 2000 urban area code
UACE	5	String	Corrected Census 2000 urban area code
SLDUST00	3	String	Census 2000 state legislative district upper chamber code
SLDLST00	3	String	Census 2000 state legislative district lower chamber code
VTDST00	6	String	Census 2000 voting district code
TAZCE00	6	String	Census 2000 traffic analysis zone code
UGACE00	5	String	Census 2000 urban growth area code
PUMA1CE00	5	String	Census 2000 Super Public Use Microdata code
PUMA5CE00	5	String	Census 2000 Public Use Microdata Area code
ZCTA5CE00	5	String	Census 2000 5-digit ZIP Code Tabulation Area code
ZCTA3CE00	3	String	Census 2000 3-digit ZIP Code Tabulation Area code
STATEFP	2	String	Current state FIPS code
COUNTYFP	3	String	Current county FIPS code
COUSUBFP	5	String	Current county subdivision FIPS code
SUBMCDFP	5	String	Current subbarrio FIPS code in Puerto Rico
CONCTYFP	5	String	Current consolidated city FIPS code
PLACEFP	5	String	Current place FIPS code
AIANNHFP	5	Number	Current American Indian/Alaska Native/Native Hawaiian area FIPS code
AIANNHCE	4	String	Current American Indian/Alaska Native/Native Hawaiian area census code
COMPTYP	1	String	Current American Indian/Alaska Native/Native Hawaiian area reservation/statistical area or off-reservation trust land indicator
ANRCFP	5	String	Current Alaska Native Regional Corporation FIPS code
TRSUBFP	5	Number	Current American Indian tribal subdivision FIPS code
TRSUBCE	3	String	Current tribal subdivision code
CD108FP	2	String	108 th congressional district code
CD111FP	2	String	111 th Congressional District code
SLDUST	3	String	Current state legislative district upper chamber code
SLDLST	3	String	Current state legislative district lower chamber code
CSAFP	3	String	Current combined statistical area code

Topological Faces (Polygons With All Geocodes) Shapefile (cont.)

Field	Length	Type	Description
METDIVFP	5	String	Current metropolitan division code
CNECTAFP	3	String	Current combined New England city and town area code (New England states only)
NECTAFP	5	String	Current New England city and town area code (New England states only)
NCTADVFP	5	String	Current New England city and town area division code (New England states only)
ELSDLEA	5	String	Current elementary school district local education agency code
SCSDLEA	5	String	Current secondary school district local education agency code
UNSDLEA	5	String	Current unified school district local education agency code
UGACE	5	String	Current urban growth area code
ZCTA5CE	5	String	Current 5-digit ZIP Code Tabulation Area code
ZCTA3CE	3	String	Current 3-digit ZIP Code Tabulation Area code
STATEFPEC	2	String	2007 Economic Census state FIPS code
COUNTYFPEC	3	String	2007 Economic Census county FIPS code
CONCTYFPEC	5	String	2007 Economic Census consolidated city FIPS code
PLACEFPEC	5	String	2007 Economic Census FIPS economic place code
COMRGCEEC	1	String	2007 Economic Census commercial region code
LWFLAG	1	String	Land/water flag
OFFSET	1	String	Geographic corridor/offset flag
ATOTAL	14	Number	Total Area
INTPTLAT	11	String	Latitude of the internal point
INTPTLON	12	String	Longitude of the internal point

Topological Faces-Area Landmark Relationship File

File Name: tl_2009_<state-county FIPS>_facesal.dbf

Field	Length	Type	Description
TFID	10	Integer	Permanent face ID
AREAID	22	String	Area landmark identifier

Topological Faces-Area Hydrography Relationship File

File Name: tl_2009_<state-county FIPS>_facesah.dbf

Field	Length	Type	Description
TFID	10	Integer	Permanent face ID
HYDROID	22	String	Area hydrography identifier

Traffic Analysis Zone (TAZ) Shapefile (Census 2000)

File Name: tl_2009_<state-county FIPS>_taz00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
TAZCE00	6	String	Census 2000 traffic analysis zone code
TAZIDFP00	11	String	Census 2000 traffic analysis zone identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, and traffic analysis zone code
MTFCC00	5	String	MAF/TIGER feature class code
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Unified School District Shapefile (Current)

File Name: tl_2009_<state FIPS>_unsd.shp

Field	Length	Type	Description
CBSAFP	5	String	Current metropolitan statistical area/micropolitan statistical area code
STATEFP	2	String	Current state FIPS code
STATENS	8	String	Current state ANSI code
UNSDLEA	5	String	Current unified school district local education agency code
UNSDIDFP	7	String	Current school district identifier; a concatenation of current state FIPS code and unified school district local education agency code
NAME	100	String	Current unified school district name
LSAD	2	String	Current legal/statistical area description code for unified school district
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
MTFCC	5	String	MAF/TIGER feature class code (G5420)
SDTYP	1	String	Current school district type
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Unified School District Shapefile (Census 2000)

File Name: tl_2009_<state FIPS>_unsd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
UNSDLEA00	5	String	Census 2000 unified school district local education agency code
UNSDIDFP00	7	String	Census 2000 school district identifier: a concatenation of Census 2000 state FIPS code and unified school district local education agency code
NAME00	100	String	Census 2000 unified school district name
LSAD00	2	String	Census 2000 legal/statistical area description code for unified school district
LOGRADE00	2	String	Census 2000 lowest grade covered by school district
HIGRADE00	2	String	Census 2000 highest grade covered by school district
MTFCC00	5	String	MAF/TIGER feature class code (G5420)
SDTYP00	1	String	Census 2000 school district type
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Urban Area Shapefile (Corrected Census 2000)

File Name: tl_2009_us_uac.shp

Field	Length	Type	Description
UACE	5	String	Corrected Census 2000 urban area code
NAME	100	String	Current urban area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for urban area
LSAD	2	String	Current legal/statistical area description code for urban area
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
UATYP	1	String	Current urban area type
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Urban Area Shapefile (Census 2000)

File Name: tl_2009_us_uac00.shp

Field	Length	Type	Description
UACE00	5	String	Census 2000 urban area code
NAME00	100	String	Census 2000 urban area name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for urban area
LSAD00	2	String	Census 2000 legal/statistical area description code for urban area
MTFCC00	5	String	MAF/TIGER feature class code
FUNCSTAT00	1	String	Census 2000 functional status
UATYP00	1	String	Census 2000 urban area type
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Urban Growth Area (UGA) Shapefile (Current)

File Name: tl_2009_41_uga.shp

Field	Length	Type	Description
STATEFP	2	String	Current state FIPS code
UGACE	5	String	Current urban growth area code
UGATYP	1	String	Current urban growth area type
NAME	100	String	Current urban growth area name
NAMELSAD	100	String	Current name and the translated legal/statistical area description for urban growth area
LSAD	2	String	Current legal/statistical area description code for urban growth area
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

Urban Growth Area (UGA) Shapefile (Census 2000)

File Name: tl_2009_41_uga00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
UGACE00	5	String	Census 2000 urban growth area census code
UGATYP00	1	String	Census 2000 urban growth area type
NAME00	100	String	Census 2000 urban growth area name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for urban growth area
LSAD00	2	String	Census 2000 legal/statistical area description code for urban growth area
MTFCC00	5	String	MAF/TIGER feature class code (G6330)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

Voting District (VTD) Shapefile (Census 2000)

File Name: tl_2009_<state-county FIPS>_vtd00.shp

Field	Length	Type	Description
STATEFP00	2	String	Census 2000 state FIPS code
COUNTYFP00	3	String	Census 2000 county FIPS code
VTDST00	6	String	Census 2000 voting district code
VTDIDFP00	11	String	Census 2000 voting district identifier; a concatenation of Census 2000 state FIPS code, county FIPS code, and voting district code
VTDI00	1	String	Census 2000 voting district indicator
NAME00	100	String	Census 2000 voting district name
NAMELSAD00	100	String	Census 2000 name and the translated legal/statistical area description for voting district
LSAD00	2	String	Census 2000 legal/statistical area description code for voting district
MTFCC00	5	String	MAF/TIGER feature class code (G5240)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

5-Digit ZIP Code Tabulation Area (ZCTA5) Shapefile (2002)

File Name: tl_2009_us_zcta5.shp

Field	Length	Type	Description
ZCTASCE	5	String	Current 5-digit ZIP Code Tabulation Area code
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

5-Digit ZIP Code Tabulation Area (ZCTA5) National Shapefile (Census 2000)

File Name: tl_2009_us_zcta500.shp

Field	Length	Type	Description
ZCTA5CE00	5	String	Census 2000 5-digit ZIP Code Tabulation Area code
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G6350)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

5-Digit ZIP Code Tabulation Area (ZCTA5) State-based Shapefile* (2002)

File Name: tl_2009_<state FIPS>_zcta5.shp

*This shapefile is limited to those areas wholly or partially within a state.

Field	Length	Type	Description
ZCTA5CE	5	String	Current 5-digit ZIP Code Tabulation Area code
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

3-Digit ZIP Code Tabulation Area (ZCTA3) National Shapefile (2002)

File Name: tl_2009_us_zcta3.shp

Field	Length	Type	Description
ZCTA3CE	3	String	Current 3-digit ZIP Code Tabulation Area code
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

3-Digit ZIP Code Tabulation Area (ZCTA3) National Shapefile (Census 2000)

File Name: tl_2009_us_zcta300.shp

Field	Length	Type	Description
ZCTA3CE00	3	String	Census 2000 3-digit ZIP Code Tabulation Area code
CLASSFP00	2	String	Census 2000 FIPS class code
MTFCC00	5	String	MAF/TIGER feature class code (G6340)
FUNCSTAT00	1	String	Census 2000 functional status
ALAND00	14	Number	Census 2000 land area
AWATER00	14	Number	Census 2000 water area
INTPTLAT00	11	String	Census 2000 latitude of the internal point
INTPTLON00	12	String	Census 2000 longitude of the internal point

3-Digit ZIP Code Tabulation Area (ZCTA3) State-based Shapefile* (2002)

File Name: tl_2009_<state FIPS>_zcta3.shp

*This shapefile is limited to those areas wholly or partially within a state.

Field	Length	Type	Description
ZCTA3CE	5	String	Current 3-digit ZIP Code Tabulation Area code
CLASSFP	2	String	Current FIPS class code
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

B. Pseudo-School Districts

Census 2000 Pseudo-School Districts (stored as Secondary School Districts)

Column Headers:

STATEFP00 Census 2000 State FIPS Codes
 SDLEA00 Census 2000 secondary school district local education agency code
 NAME00 Census 2000 secondary school district name

STATEFP00	SDLEA00	NAME00
25	22222	Mohawk Trail Reg. S.D. in Hawley Town and Charlemont Town
45	45013	Beaufort County School District within Beaufort Marine Corps Air Station
45	45079	Richland County School District
47	47001	Anderson County School District in Clinton
47	47029	Cocke County School
47	47031	Coffee County School District in Manchester
47	47033	Crockett County School District in Alamo
47	47034	Crockett County School District in Bells
47	47073	Hawkins County School District in Rogersville
47	47077	Henderson County School District in Lexington
47	47079	Henry County School District in Paris
47	47103	Lincoln County School District in Fayetteville
47	47107	McMinn County School District in Athens
47	47108	McMinn County School District in Etowah
47	47123	Monroe County School District in Sweetwater
47	47143	Rhea County School District in Dayton
47	47149	Rutherford County School District in Murfreesboro
47	47167	Tipton County School District in Covington
47	47187	Williamson County School District in Franklin
47	47189	Wilson County School District in Lebanon

Current Pseudo-School Districts (stored as Secondary School Districts), cont.

Column Headers:

STATEFP Current State FIPS Code
 SDLEA Current secondary school district local education agency code
 NAME Current secondary school district name

STATEFP	SDLEA	NAME
04	04001	Apache County High School District
04	04003	Cochise County High School District
04	04005	Coconino County High School District
04	04007	Gila County High School District
04	04009	Graham County High School District
04	04011	Greenlee County High School District
04	04013	Maricopa County High School District
04	04015	Mohave County High School District
04	04019	Pima County High School District
04	04021	Pinal County High School District
04	04023	Santa Cruz High School District
04	04025	Yavapai County High School
06	06053	Gonzales Unified (Grades 9-12)
06	06107	Porterville Unified (Grades 9-12)
21	21003	Elizabethotwn Independent School District for West Point ISD
21	21001	Laurel County School District for East Bernstadt ISD
21	21002	Pulaski County School District for Science Hill ISD
25	25008	Adams-Cheshire in Savoy (Grades 7-12)
25	25011	Ayer-Lunenberg in Shirley (Grades 9-12)
25	25010	Fairhaven-New Bedford in Acushnet (Grades 9-12)
25	25003	Gill-Montague in Erving (Grades 7-12)
25	22222	Mohawk Regional School District in Hawley Town and Charlemont Town
25	25007	Mohawk Trail in Rowe (Grades 7-12)
25	25013	Mount Greylock-New Lebanon NY in Hancock (Grades 7-12)
25	25012	Nauset-Provincetown in Truro (Grades 7-12)
25	25002	North Adams in Clarksburg (Grades 9-12)
25	25009	North Adams in Florida (Grades 9-12)
25	25014	North Adams in Monroe (Grades 9-12)
25	25006	Pittsfield in Richmond (Grades 9-12)

Current Pseudo-School Districts (stored as Secondary School Districts), cont.

Column Headers:

STATEFP Current State FIPS Code
 SDLEA Current secondary school district local education agency code
 NAME Current secondary school district name

STATEFP	SDLEA	NAME
25	25001	Somerset in Berkley (Grades 9-12)
25	25004	Southwick-Tolland in Granville (Grades 9-12)
25	25005	Swampscott in Nahant (Grades 7-12)
41	41035	Klamath County Overlap Area
41	41034	Klamath Falls City Overlap Area
45	45013	Beaufort County School District within Beaufort Marine Corps Air Station
45	45079	Richland County School District 02 within Fort Jackson
47	47001	Anderson County School District in Clinton
47	47029	Cocke County School District in Newport
47	47031	Coffee County School District in Manchester
47	47033	Crockett County School District in Alamo
47	47034	Crockett County School District in Bells
47	47073	Hawkins County School District in Rogersville
47	47077	Henderson County School District in Lexington
47	47079	Henry County School District in Paris
47	47103	Lincoln County School District in Fayetteville
47	47107	McMinn County School District in Athens
47	47108	McMinn County School District in Etowah
47	47123	Monroe County School District in Sweetwater
47	47143	Rhea County School District in Dayton
47	47149	Rutherford County School District in Murfreesboro
47	47187	Williamson County School District in Franklin
47	47189	Wilson County School District in Lebanon
48	48285	Hallettsville ISD (Grades 9-12) in Vysehard
48	48143	Stephenville ISD (Grades 9-12) in Bluff Dale
48	48355	Tuloso-Midway ISD (Grades 9-12) in London
48	48483	Wheeler-Shamrock-Samnorwood ISD (Grades 9-12) in Kelton

C. Feature Name Directionals

Direction Code	Expanded Full Text	Directional Abbreviation	Spanish	Translation
11	North	N	-	-
12	South	S	-	-
13	East	E	-	-
14	West	W	-	-
15	Northeast	NE	-	-
16	Northwest	NW	-	-
17	Southeast	SE	-	-
18	Southwest	SW	-	-
19	Norte	N	Y	North
20	Sur	S	Y	South
21	Este	E	Y	East
22	Oeste	O	Y	West
23	Noreste	NE	Y	Northeast
24	Noroeste	NO	Y	Northwest
25	Sudeste	SE	Y	Southeast
26	Sudoeste	SO	Y	Southwest

D. Feature Name Qualifiers

Qualifier Code	Expanded Full Text	Display Name Abbreviation	Prefix Qualifier	Suffix Qualifier
11	Access	Acc	N	Y
12	Alternate	Alt	Y	Y
13	Business	Bus	Y	Y
14	Bypass	Byp	Y	Y
15	Connector	Con	N	Y
16	Extended	Exd	Y	Y
17	Extension	Exn	N	Y
18	Historic	Hst	Y	N
19	Loop	Lp	Y	Y
20	Old	Old	Y	N
21	Private	Pvt	Y	Y
22	Public	Pub	Y	Y
23	Scenic	Scn	N	Y
24	Spur	Spr	Y	Y
25	Ramp	Rmp	N	Y
26	Underpass	Unp	N	Y
27	Overpass	Ovp	N	Y

E. Feature Name Types

Type Code	Expanded Full Text	Display Name abbreviation	Spanish	Translation	Prefix Type	Suffix Type
103	Academy	Acmdy	-	-	Y	Y
104	Acueducto	Acueducto	Y	Aqueduct	Y	N
105	Aeropuerto	Aero	Y	Airport	Y	N
106	Air Force Base	AFB	-	-	N	Y
107	Airfield	Airfield	-	-	N	Y
108	Airpark	Airpark	-	-	N	Y
109	Airport	Arprt	-	-	N	Y
110	Airstrip	Airstrip	-	-	N	Y
112	Alley	Aly	-	-	N	Y
115	Apartment Building	Apt Bldg	-	-	N	Y
116	Apartment Complex	Apt Complex	-	-	N	Y
117	Apartments	Apts	-	-	N	Y
118	Aqueduct	Aqueduct	-	-	N	Y
119	Arcade	Arc	-	-	Y	Y
121	Arroyo	Arroyo	Y	Stream	Y	N
122	Assisted Living Center	Asstd Liv Ctr	-	-	N	Y
694	Assisted Living Facility	Asstd Liv Fac	-	-	N	Y
123	Autopista	Autopista	Y	Expressway/Freeway	Y	N
124	Avenida	Ave	Y	Avenue	Y	N
125	Avenue	Ave	-	-	Y	Y
126	Bahia	Bahia	Y	Bay	Y	N
127	Bank	Bk	-	-	Y	Y
704	Base	Base	-	-	N	Y
128	Basin	Basin	-	-	N	Y
129	Bay	Bay	-	-	Y	Y
130	Bayou	Byu	-	-	Y	Y
131	Beach	Bch	-	-	N	Y
132	Bed and Breakfast	B and B	-	-	N	Y
136	Beltway	Beltway	-	-	N	Y
137	Bend	Bnd	-	-	N	Y
138	Bluff	Blf	-	-	N	Y
139	Boarding House	Brdng Hse	-	-	N	Y
140	Bog	Bog	-	-	N	Y
141	Bosque	Bosque	Y	Forest	Y	N
142	Boulevard	Blvd	-	-	Y	Y
143	Boundary	Boundary	-	-	N	Y
146	Branch	Br	-	-	Y	Y
147	Bridge	Brg	-	-	N	Y
148	Brook	Brk	-	-	N	Y
149	Building	Bldg	-	-	Y	Y
150	Bulevar	Bulevar	Y	Boulevard	Y	N
151	Bureau of Indian Affairs Highway	BIA Hwy	-	-	Y	N
152	Bureau of Indian Affairs Road	BIA Rd	-	-	Y	N
153	Bureau of Indian Affairs Route	BIA Rte	-	-	Y	N
154	Bureau of Land Management Road	BLM Rd	-	-	Y	N
696	Bypass	Byp	-	-	Y	Y

Type Code	Expanded Full Text	Display Name Abbreviation	Spanish	Translation	Prefix Type	Suffix Type
156	Calle	Cll	Y	Street	Y	N
157	Calleja	Calleja	Y	Narrow Street	Y	N
158	Callejón	Callejón	Y	Alley	Y	N
159	Caminito	Cmt	Y	Little Road	Y	N
160	Camino	Cam	Y	Road/Way	Y	N
161	Camp	Cp	-	-	Y	Y
163	Campground	Cmpgrnd	-	-	N	Y
164	Campus	Cmps	-	-	N	Y
165	Canal	Cnl	-	-	Y	Y
172	Caño	Caño	Y	Drain/Sewer	Y	N
166	Cantera	Cantera	Y	Quarry/Gravel Pit	Y	N
167	Canyon	Cyn	-	-	Y	Y
168	Capilla	Capilla	Y	Chapel	Y	N
169	Carretera	Carr	Y	Road	Y	N
170	Causeway	Cswy	-	-	N	Y
171	Cayo	Cayo	Y	Key	Y	N
173	Cementerio	Cem	Y	Cemetery	Y	N
174	Cemetery	Cmtry	-	-	N	Y
175	Center	Ctr	-	-	Y	Y
176	Centro	Centro	Y	Center	Y	N
177	Cerrada	Cer	Y	Closed	Y	N
178	Chamber of Commerce	Cham of Com	-	-	N	Y
179	Channel	Chnl	-	-	N	Y
180	Chapel	Cpl	-	-	Y	Y
181	Childrens Home	Childrens Home	-	-	Y	Y
182	Church	Church	-	-	Y	Y
183	Circle	Cir	-	-	N	Y
234	Circulo	Cir	Y	Circle	Y	N
184	City Hall	City Hall	-	-	N	Y
185	City Park	City Park	-	-	N	Y
186	Cliff	Clf	-	-	N	Y
187	Club	Clb	-	-	Y	Y
188	Colegio	Colegio	Y	School	Y	N
189	College	Colg	-	-	Y	Y
190	Common	Cmn	-	-	N	Y
191	Commons	Cmns	-	-	Y	Y
192	Community Center	Community Ctr	-	-	N	Y
193	Community College	Community Clg	-	-	Y	Y
194	Community Park	Community Park	-	-	Y	Y
195	Complex	Complx	-	-	Y	Y
197	Condominios	Condios	Y	Condominiums	Y	N
198	Condominium	Condo	-	-	Y	Y
199	Condominiums	Condos	-	-	N	Y
201	Convent	Cnvnt	-	-	Y	Y
202	Convention Center	Convention Ctr	-	-	Y	Y
203	Corners	Cors	-	-	N	Y
204	Correctional Facility	Corr Factly	-	-	N	Y
205	Correctional Institute	Corr Inst	-	-	N	Y
207	Corte	Corte	Y	Court	Y	N
679	Cottage	Cottage	-	-	N	Y
208	Coulee	Coulee	-	-	N	Y
209	Country Club	Country Club	-	-	Y	Y
210	County Highway	Co Hwy	-	-	Y	N
211	County Home	Co Home	-	-	Y	Y
212	County Lane	Co Ln	-	-	Y	N
213	County Park	Co Park	-	-	N	Y
214	County Road	Co Rd	-	-	Y	N

Type Code	Expanded Full Text	Display Name Abbreviation	Spanish	Translation	Prefix Type	Suffix Type
215	County Route	Co Rte	-	-	Y	N
216	County State Aid Highway	Co St Aid Hwy	-	-	Y	N
217	County Trunk Highway	Co Trunk Hwy	-	-	Y	N
218	County Trunk Road	Co Trunk Rd	-	-	Y	N
219	Course	Crs	-	-	N	Y
220	Court	Ct	-	-	Y	Y
221	Courthouse	Courthouse	-	-	N	Y
222	Courts	Cts	-	-	N	Y
223	Cove	Cv	-	-	N	Y
225	Creek	Crk	-	-	N	Y
226	Crescent	Cres	-	-	N	Y
227	Crest	Crst	-	-	N	Y
228	Crossing	Xing	-	-	N	Y
229	Crossroads	Xroad	-	-	Y	Y
233	Cutoff	Cutoff	-	-	N	Y
235	Dam	Dm	-	-	N	Y
236	Delta Road	Delta Rd	-	-	Y	N
237	Department	Dept	-	-	Y	Y
238	Depot	Dep	-	-	N	Y
239	Detention Center	Detention Ctr	-	-	N	Y
240	District of Columbia Highway	DC Hwy	-	-	Y	N
241	Ditch	Ditch	-	-	Y	Y
242	Divide	Dv	-	-	N	Y
243	Dock	Dock	-	-	N	Y
244	Dormitory	Dormitory	-	-	N	Y
245	Drain	Drn	-	-	N	Y
246	Draw	Draw	-	-	N	Y
247	Drive	Dr	-	-	N	Y
248	Driveway	Driveway	-	-	Y	Y
249	Dump	Dump	-	-	N	Y
251	Edificio	Edif	Y	Building	Y	N
252	Elementary School	Elem School	-	-	N	Y
253	Ensenada	Ensenada	Y	Cove	Y	N
254	Entrada	Ent	Y	Entrance	Y	N
256	Escuela	Escuela	Y	School	Y	N
680	Esplanade	Esplanade	Y	Esplanade	Y	Y
257	Estates	Ests	-	-	N	Y
260	Estuary	Estuary	-	-	N	Y
261	Expreso	Expreso	Y	Expressway	Y	N
262	Expressway	Expy	-	-	Y	Y
263	Extension	Ext	-	-	Y	Y
264	Facility	Facilty	-	-	N	Y
265	Fairgrounds	Fairgrounds	-	-	N	Y
266	Falls	Fls	-	-	Y	Y
267	Farm	Frm	-	-	N	Y
268	Farm Road	Farm Rd	-	-	Y	N
269	Farm-to-Market	FM	-	-	Y	N
275	Fence Line	Fence Line	-	-	N	Y
276	Ferry Crossing	Ferry Crossing	-	-	Y	Y
277	Field	Fld	-	-	N	Y
278	Fire Control Road	Fire Cntrl Rd	-	-	Y	N
279	Fire Department	Fire Dept	-	-	N	Y
280	Fire District Road	Fire Dist Rd	-	-	Y	N
281	Fire Lane	Fire Ln	-	-	Y	N
282	Fire Road	Fire Rd	-	-	Y	N
283	Fire Route	Fire Rte	-	-	Y	N
284	Fire Station	Fire Sta	-	-	Y	Y
285	Fire Trail	Fire Trl	-	-	Y	N

Type Code	Expanded Full Text	Display Name Abbreviation	Spanish	Translation	Prefix Type	Suffix Type
286	Flowage	Flowage	-	-	N	Y
287	Flume	Flume	-	-	N	Y
288	Forest	Frst	-	-	N	Y
289	Forest Highway	Forest Hwy	-	-	Y	Y
290	Forest Road	Forest Rd	-	-	Y	N
291	Forest Route	Forest Rte	-	-	Y	N
292	Forest Service Road	FS Rd	-	-	Y	N
293	Fork	Frk	-	-	N	Y
294	Fort	Ft	-	-	Y	N
295	Four-Wheel Drive Trail	4WD Trl	-	-	Y	Y
296	Fraternity	Frtrnty	-	-	N	Y
297	Freeway	Fwy	-	-	N	Y
298	Garage	Grge	-	-	N	Y
299	Gardens	Gdns	-	-	N	Y
303	Glacier	Glacier	-	-	N	Y
304	Glen	Gln	-	-	N	Y
305	Golf Club	Golf Club	-	-	Y	Y
306	Golf Course	Golf Course	-	-	Y	Y
307	Grade	Grade	-	-	N	Y
309	Green	Grn	-	-	N	Y
310	Group Home	Group Home	-	-	N	Y
311	Gulch	Gulch	-	-	N	Y
312	Gulf	Gulf	-	-	Y	Y
313	Gully	Gully	-	-	N	Y
314	Halfway House	Halfway House	-	-	N	Y
315	Hall	Hall	-	-	N	Y
316	Harbor	Hbr	-	-	N	Y
317	Heights	Hts	-	-	N	Y
321	High School	High School	-	-	N	Y
322	Highway	Hwy	-	-	Y	Y
323	Hill	Hl	-	-	N	Y
324	Hollow	Holw	-	-	N	Y
325	Home	Home	-	-	Y	Y
326	Hospital	Hosp	-	-	Y	Y
327	Hostel	Hostel	-	-	N	Y
328	Hotel	Hotel	-	-	Y	Y
329	House	Hse	-	-	Y	Y
330	Housing	Hsng	-	-	Y	Y
332	Iglesia	Iglesia	Y	Church	Y	N
333	Indian Route	Indian Rte	-	-	Y	N
334	Indian Service Route	Indian Svc Rte	-	-	Y	N
336	Industrial Park	Indl Park	-	-	N	Y
337	Inlet	Inlt	-	-	N	Y
338	Inn	Inn	-	-	Y	Y
339	Institute	Inst	-	-	Y	Y
340	Institution	Instn	-	-	N	Y
341	Instituto	Instituto	Y	Institute	Y	N
342	Intermediate School	Inter School	-	-	N	Y
344	Interstate Highway	I-	-	-	Y	N
345	Isla	Isla	Y	Island	Y	N
346	Island	Is	-	-	N	Y
347	Islands	Iss	-	-	Y	Y
348	Isle	Isle	-	-	Y	Y
349	Jail	Jail	-	-	N	Y
351	Jeep Trail	Jeep Trl	-	-	Y	Y
352	Junction	Junction	-	-	N	Y
353	Junior High School	Jr HS	-	-	N	Y
356	Kill	Kill	-	-	Y	Y
357	Lago	Lago	Y	Lake	Y	N
358	Lagoon	Lagoon	-	-	N	Y

Type Code	Expanded Full Text	Display Name Abbreviation	Spanish	Translation	Prefix Type	Suffix Type
360	Laguna	Laguna	Y	Lagoon	Y	N
361	Lake	Lk	-	-	Y	Y
362	Lakes	Lks	-	-	N	Y
363	Landfill	Lndfil	-	-	N	Y
364	Landing	Lndg	-	-	Y	Y
365	Landing Area	Landing Area	-	-	Y	Y
366	Landing Field	Landing Fld	-	-	Y	Y
367	Landing Strip	Landing Strp	-	-	Y	Y
368	Lane	Ln	-	-	Y	Y
369	Lateral	Lateral	-	-	Y	Y
370	Levee	Levee	-	-	Y	Y
371	Library	Lbry	-	-	Y	Y
372	Lift	Lift	-	-	Y	Y
373	Lighthouse	Lighthouse	-	-	N	Y
374	Line	Line	-	-	Y	Y
376	Lodge	Ldg	-	-	N	Y
377	Logging Road	Logging Rd	-	-	Y	Y
378	Loop	Loop	-	-	Y	Y
379	Mall	Mall	-	-	Y	Y
380	Manor	Mnr	-	-	N	Y
381	Mar	Mar	Y	Sea	Y	N
382	Marginal	Marginal	Y	Service Road	Y	N
383	Marina	Marina	-	-	N	Y
384	Marsh	Marsh	-	-	N	Y
385	Meadows	Mdws	-	-	N	Y
386	Medical Building	Medical Bldg	-	-	N	Y
387	Medical Center	Medical Ctr	-	-	Y	Y
388	Memorial	Meml	-	-	N	Y
389	Memorial Gardens	Memorial Gn ds	-	-	N	Y
390	Memorial Park	Memorial Pk	-	-	N	Y
391	Mesa	Mesa	-	-	Y	Y
392	Middle School	Mid Schl	-	-	N	Y
393	Military Reservation	Mil Res	-	-	N	Y
394	Millpond	Millpond	-	-	N	Y
395	Mine	Mine	-	-	N	Y
396	Mission	Mssn	-	-	Y	Y
397	Mobile Home Community	Mobile Hm Cmty	-	-	Y	Y
398	Mobile Home Estates	Mobile Hm Est	-	-	Y	Y
399	Mobile Home Park	Mobile Hm Pk	-	-	Y	Y
400	Monastery	Monstry	-	-	Y	Y
401	Monument	Mnmt	-	-	N	Y
403	Mosque	Mosque	-	-	Y	Y
404	Motel	Mtl	-	-	Y	Y
405	Motor Lodge	Motor Lodge	-	-	N	Y
406	Motorway	Mtwy	-	-	N	Y
407	Mount	Mt	-	-	Y	Y
408	Mountain	Mtn	-	-	N	Y
411	Museum	Mus	-	-	Y	Y
412	National Battlefield	Natl Bfld	-	-	N	Y
413	National Battlefield Park	Natl Bfld Pk	-	-	N	Y
414	National Battlefield Site	Natl Bfld Site	-	-	N	Y
415	National Conservation Area	Natl Cnsv Area	-	-	N	Y
416	National Forest	Natl Forest	-	-	N	Y
417	National Forest Development Road	Nat For Dev Rd	-	-	Y	N
419	National Grasslands	Natl Grsslands	-	-	N	Y
420	National Historic Site	Natl Hist Site	-	-	N	Y
421	National Historical Park	Natl Hist Pk	-	-	N	Y
422	National Lakeshore	Natl Lkshr	-	-	N	Y

Type Code	Expanded Full Text	Display Name Abbreviation	Spa-nish	Trans-lation	Prefix Type	Suffix Type
423	National Memorial	Natl Meml	-	-	N	Y
424	National Military Park	Natl Mil Pk	-	-	N	Y
425	National Monument	Natl Mnmt	-	-	N	Y
426	National Park	Natl Pk	-	-	N	Y
427	National Preserve	Natl Prsv	-	-	N	Y
428	National Recreation Area	Natl Rec Area	-	-	N	Y
429	National Recreational River	Natl Rec Riv	-	-	N	Y
430	National Reserve	Natl Resv	-	-	N	Y
431	National River	Natl Riv	-	-	N	Y
432	National Scenic Area	Natl Sc Area	-	-	N	Y
433	National Scenic River	Natl Sc Riv	-	-	N	Y
435	National Scenic Riverways	Natl Sc Rvrwys	-	-	N	Y
436	National Scenic Trail	Natl Sc Trl	-	-	N	Y
437	National Seashore	Natl Shr	-	-	N	Y
438	National Wildlife Refuge	Natl Wld Rfg	-	-	N	Y
439	Navajo Service Route	Navajo Svc Rte	-	-	Y	N
440	Naval Air Station	Naval Air Sta	-	-	N	Y
442	Nursing Home	Nurse Home	-	-	N	Y
444	Ocean	Ocean	-	-	N	Y
445	Océano	Océano	Y	Ocean	Y	N
446	Office	Ofc	-	-	Y	Y
447	Office Building	Office Bldg	-	-	N	Y
449	Office Park	Office Park	-	-	N	Y
698	Orchard	Orchard	-	-	N	Y
451	Orchards	Orchrds	-	-	N	Y
452	Orphanage	Orphanage	-	-	N	Y
453	Outlet	Outlet	-	-	N	Y
454	Oval	Oval	-	-	N	Y
455	Overpass	Opas	-	-	N	Y
456	Parish Road	Parish Rd	-	-	Y	N
457	Park	Park	-	-	N	Y
458	Park and Ride	Park and Ride	-	-	N	Y
460	Parkway	Pkwy	-	-	N	Y
461	Parque	Parque	Y	Park	Y	N
462	Pasaje	Pasaje	Y	Passage	Y	N
463	Paseo	Pso	Y	Path	Y	N
464	Pass	Pass	-	-	Y	Y
465	Passage	Psge	-	-	Y	Y
466	Path	Path	-	-	N	Y
682	Pavilion	Pavilion	-	-	N	Y
467	Peak	Peak	-	-	N	Y
705	Penitentiary	Penitentiary	-	-	N	Y
468	Pier	Pier	-	-	Y	Y
469	Pike	Pike	-	-	N	Y
470	Pipeline	Pipeline	-	-	N	Y
472	Place	Pl	-	-	N	Y
473	Placita	Pla	Y	Little Plaza	Y	N
474	Plant	Plnt	-	-	N	Y
683	Plantation	Plantation	-	-	N	Y
475	Playa	Playa	Y	Beach	Y	N
476	Playground	Playground	-	-	N	Y
477	Plaza	Plz	-	-	Y	Y
478	Point	Pt	-	-	Y	Y
479	Pointe	Pointe	-	-	N	Y
480	Police Department	Police Dept	-	-	Y	Y
481	Police Station	Police Station	-	-	Y	Y
482	Pond	Pond	-	-	Y	Y
483	Ponds	Ponds	-	-	N	Y
485	Port	Prt	-	-	Y	Y
486	Post Office	Post Office	-	-	N	Y
487	Power Line	Power Line	-	-	N	Y

Type Code	Expanded Full Text	Display Name Abbreviation	Spanish	Translation	Prefix Type	Suffix Type
691	Power Plant	Power Plant	-	-	N	Y
488	Prairie	Prairie	-	-	N	Y
489	Preserve	Preserve	-	-	N	Y
491	Prison	Prison	-	-	N	Y
690	Prison Farm	Prison Farm	-	-	N	Y
685	Promenade	Promenade	-	-	N	Y
492	Prong	Prong	-	-	N	Y
494	Puente	Puente	Y	Bridge	Y	N
495	Quadrangle	Quadrangle	-	-	N	Y
496	Quarry	Quar	-	-	N	Y
686	Quarters	Quarters	-	-	N	Y
497	Quebrada	Qbda	Y	Creek	Y	N
499	Race	Race	-	-	N	Y
501	Rail	Rail	-	-	N	Y
502	Rail Link	Rail Link	-	-	Y	Y
504	Railnet	Railnet	-	-	N	Y
505	Railroad	RR	-	-	N	Y
506	Railway	Rlwy	-	-	N	Y
507	Ramal	Ramal	Y	Short Street	Y	N
508	Ramp	Ramp	-	-	N	Y
510	Ranch Road	Ranch Rd	-	-	Y	N
511	Ranch to Market Road	RM	-	-	Y	N
512	Rancho	Rch	Y	Ranch/Farm	Y	N
513	Ravine	Ravine	-	-	N	Y
514	Recreation Area	Rec Area	-	-	N	Y
515	Reformatory	Reformatory	-	-	N	Y
516	Refuge	Refuge	-	-	N	Y
518	Regional Park	Regional Pk	-	-	N	Y
519	Reservation	Reservation	-	-	N	Y
520	Reservation Highway	Resvn Hwy	-	-	Y	N
521	Reserve	Resv	-	-	N	Y
522	Reservoir	Reservoir	-	-	Y	Y
524	Residence Hall	Res Hall	-	-	N	Y
525	Residencial	Residencial	Y	Public Housing Project	Y	N
526	Resort	Resrt	-	-	N	Y
688	Rest Home	Rest Home	-	-	N	Y
527	Retirement Home	Retirement Home	-	-	N	Y
528	Retirement Village	Retirement Vlg	-	-	N	Y
529	Ridge	Rdg	-	-	N	Y
543	Rio	Rio	Y	River	Y	N
530	River	Riv	-	-	N	Y
531	Road	Rd	-	-	Y	Y
533	Roadway	Roadway	-	-	N	Y
535	Rock	Rock	-	-	Y	Y
536	Rooming House	Romming Hse	-	-	N	Y
537	Route	Rte	-	-	Y	Y
538	Row	Row	-	-	Y	Y
539	Rue	Rue	-	-	Y	Y
540	Run	Run	-	-	N	Y
541	Runway	Runway	-	-	Y	Y
542	Ruta	Ruta	Y	Route	Y	N
498	RV Park	RV Park	-	-	N	Y
545	Sanitarium	Sanitarium	-	-	N	Y
546	School	Schl	-	-	Y	Y
549	Sea	Sea	-	-	Y	Y
550	Seashore	Seashore	-	-	N	Y
552	Sector	Sec	Y	Sector	Y	N

Type Code	Expanded Full Text	Display Name Abbreviation	Spanish	Translation	Prefix Type	Suffix Type
553	Seminary	Smry	-	-	Y	Y
554	Sendero	Sendero	Y	Foot- Path	Y	N
555	Service Road	Svc Rd	-	-	Y	Y
556	Shelter	Shelter	-	-	N	Y
558	Shop	Shop	-	-	N	Y
699	Shopping Center	Shopping Ctr	-	-	N	Y
560	Shopping Mall	Shopping Mall	-	-	N	Y
700	Shopping Plaza	Shopping Plz	-	-	N	Y
703	Site	Site	-	-	N	Y
564	Skyway	Skwy	-	-	N	Y
565	Slough	Slough	-	-	Y	Y
566	Sonda	Sonda	Y	Sound	Y	N
567	Sorority	Sorority	-	-	Y	Y
568	Sound	Snd	-	-	Y	N
569	Spa	Spa	-	-	Y	Y
570	Speedway	Speedway	-	-	Y	Y
571	Spring	Spg	-	-	N	Y
572	Spur	Spur	-	-	Y	Y
573	Square	Sq	-	-	Y	Y
575	State Beach	State Beach	-	-	N	Y
577	State Forest	State Forest	-	-	N	Y
578	State Forest Service Road	St FS Rd	-	-	Y	N
579	State Highway	State Hwy	-	-	Y	N
580	State Hospital	State Hospital	-	-	Y	Y
581	State Loop	State Loop	-	-	Y	N
582	State Park	State Park	-	-	N	Y
584	State Prison	State Prison	-	-	N	Y
585	State Road	State Rd	-	-	Y	N
586	State Route	State Rte	-	-	Y	N
588	State Spur	State Spur	-	-	Y	N
589	State Trunk Highway	St Trunk Hwy	-	-	Y	N
591	Station	Sta	-	-	N	Y
592	Strait	Strait	-	-	Y	Y
593	Stravenue	Stra	-	-	N	Y
594	Stream	Strm	-	-	N	Y
595	Street	St	-	-	N	Y
596	Strip	Strip	-	-	Y	Y
599	Swamp	Swamp	-	-	N	Y
600	Synagogue	Synagogue	-	-	Y	Y
601	Tank	Tank	-	-	N	Y
603	Temple	Tmpl	-	-	Y	Y
604	Terminal	Trmnl	-	-	N	Y
605	Terrace	Ter	-	-	Y	Y
687	Thoroughfare	Thoroughfare	-	-	N	Y
607	Toll Booth	Toll Booth	-	-	Y	Y
701	Toll Road	Toll Rd	-	-	N	Y
610	Tollway	Tollway	-	-	N	Y
611	Tower	Twr	-	-	Y	Y
612	Town Center	Town Ctr	-	-	Y	Y
613	Town Hall	Town Hall	-	-	N	Y
614	Town Highway	Town Hwy	-	-	Y	N
615	Town Road	Town Rd	-	-	Y	N
616	Towne Center	Towne Ctr	-	-	Y	Y
617	Township Highway	Twp Hwy	-	-	Y	N
618	Township Road	Twp Rd	-	-	Y	N
619	Trace	Trce	-	-	N	Y
620	Track	Trak	-	-	Y	Y
621	Trafficway	Trfy	-	-	N	Y
622	Trail	Trl	-	-	Y	Y

Type Code	Expanded Full Text	Display Name Abbreviation	Spanish	Translation	Prefix Type	Suffix Type
623	Trailer Court	Trailer Ct	-	-	N	Y
624	Trailer Park	Trailer Park	-	-	N	Y
628	Transmission Line	Trans Ln	-	-	N	Y
702	Treatment Plant	Trmt Plant	-	-	Y	Y
630	Tribal Road	Tribal Rd	-	-	Y	N
632	Trolley	Trolley	-	-	Y	Y
633	Truck Trail	Truck Trl	-	-	Y	Y
636	Túnel	Túnel	Y	Tunnel	Y	N
634	Tunnel	Tunl	-	-	Y	Y
635	Turnpike	Tpke	-	-	N	Y
637	Underpass	Upas	-	-	Y	Y
642	Universidad	Universidad	Y	University/College	Y	N
643	University	Univ	-	-	Y	Y
638	US Forest Service Highway	USFS Hwy	-	-	Y	N
639	US Forest Service Road	USFS Rd	-	-	Y	N
640	US Highway	US Hwy	-	-	Y	Y
641	US Route	USFS Rte	-	-	Y	Y
644	Valley	Vly	-	-	N	Y
645	Vereda	Ver	Y	Path	Y	N
655	Via	Via	Y	Way	Y	N
646	Viaduct	Viaduct	-	-	N	Y
647	View	Vw	-	-	N	Y
648	Villa	Villa	-	-	Y	Y
649	Village	Vlg	-	-	Y	Y
650	Village Center	Village Ctr	-	-	Y	Y
697	Vineyard	Vineyard	-	-	N	Y
652	Vineyards	Vineyards	-	-	N	Y
654	Vista	Vis	-	-	Y	Y
656	Walk	Walk	-	-	N	Y
657	Walkway	Walkway	-	-	N	Y
659	Wash	Wash	-	-	N	Y
660	Waterway	Waterway	-	-	N	Y
661	Way	Way	-	-	N	Y
663	Wharf	Wharf	-	-	N	Y
665	Wild and Scenic River	Wld n Snc Riv	-	-	N	Y
664	Wild River	Wild River	-	-	N	Y
666	Wilderness	Wilderness	-	-	N	Y
667	Wilderness Park	Wilderness Pk	-	-	N	Y
668	Wildlife Management Area	Wldlf Mgt Area	-	-	N	Y
669	Winery	Winery	-	-	Y	Y
672	Yard	Yard	-	-	N	Y
673	Yards	Yards	-	-	Y	Y
670	YMCA	YMCA	-	-	Y	Y
671	YWCA	YWCA	-	-	Y	Y
675	Zanja	Zanja	Y	Ditch	Y	N
676	Zoo	Zoo	-	-	Y	Y

F. MAF/TIGER Feature Class Code (MTFCC) Definitions

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
C3022	Mountain Peak or Summit	Miscellaneous Topographic Features	Y	N	N	A prominent elevation rising above the surrounding level of the Earth's surface.
C3023	Island	Miscellaneous Topographic Features	Y	Y	Y	An area of dry or relatively dry land surrounded by water or low wetland. [including archipelago, atoll, cay, hammock, hummock, isla, isle, key, moku and rock]
C3024	Levee	Miscellaneous Topographic Features	N	Y	Y	An embankment flanking a stream or other flowing water feature to prevent overflow.
C3026	Quarry (not water-filled), Open Pit Mine or Mine	Miscellaneous Topographic Features	Y	N	Y	An area from which commercial minerals are or were removed from the Earth; not including an oilfield or gas field.
C3027	Dam	Miscellaneous Topographic Features	Y	Y	Y	A barrier built across the course of a stream to impound water and/or control water flow.
C3061	Cul-de-sac	Miscellaneous Topographic Features	Y	N	N	An expanded paved area at the end of a street used by vehicles for turning around. For mapping purposes, the U.S. Census Bureau maps it only as a point feature.
C3062	Traffic Circle	Miscellaneous Topographic Features	Y	N	N	A circular intersection allowing for continuous movement of traffic at the meeting of roadways.
C3066	Gate	Miscellaneous Topographic Features	Y	N	N	A movable barrier across a road.
C3067	Toll Booth	Miscellaneous Topographic Features	Y	N	N	A structure or barrier where a fee is collected for using a road.
C3070	Tower/Beacon	Miscellaneous Topographic Features	Y	N	Y	A manmade structure, higher than its diameter, generally used for observation, storage, or electronic transmission.
C3071	Lookout Tower	Tower/Beacon	Y	N	N	A manmade structure, higher than its diameter, used for observation.
C3072	Transmission Tower including cell, radio and TV	Tower/Beacon	Y	N	Y	A manmade structure, higher than its diameter, used for electronic transmission.
C3073	Water Tower	Tower/Beacon	Y	N	Y	A manmade structure, higher than its diameter, used for water storage.

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
C3074	Lighthouse Beacon	Tower/Beacon	Y	N	N	A manmade structure, higher than its diameter, used for transmission of light and possibly sound generally to aid in navigation.
C3075	Tank/Tank Farm	Miscellaneous Topographic Features	Y	N	Y	One or more manmade structures, each higher than its diameter, used for liquid (other than water) or gas storage or for distribution activities.
C3076	Windmill Farm	Miscellaneous Topographic Features	Y	N	Y	One or more manmade structures used to generate power from the wind.
C3077	Solar Farm	Miscellaneous Topographic Features	Y	N	Y	One or more manmade structures used to generate power from the sun.
C3078	Monument or Memorial	Miscellaneous Topographic Features	Y	N	N	A manmade structure to educate, commemorate, or memorialize an event, person, or feature.
C3079	Boundary Monument Point	Miscellaneous Topographic Features	Y	N	N	A material object placed on or near a boundary line to preserve and identify the location of the boundary line on the ground.
C3080	Survey Control Point	Miscellaneous Topographic Features	Y	N	N	A point on the ground whose position (horizontal or vertical) is known and can be used as a base for additional survey work.
C3081	Locality Point	Miscellaneous Topographic Features	Y	N	N	A point that identifies the location and name of an unbounded locality (e.g., crossroad, community, populated place or locale).
C3085	Alaska Native Village Official Point	Miscellaneous Topographic Features	Y	N	N	A point that serves as the core of an Alaska Native village and is used in defining Alaska Native village statistical areas.
C3088	Landfill	Miscellaneous Topographic Features	Y	N	Y	A disposal facility at which solid waste is placed on or in the land.
G2100	American Indian Area	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	A legally defined state- or federally recognized reservation and/or off-reservation trust land (excludes statistical American Indian areas).
G2101	American Indian Area (Reservation Only)	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	American Indian Area (Reservation Only)
G2102	American Indian Area (Off-Reservation Trust Land Only)	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	American Indian Area (Off-Reservation Trust Land Only)

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
G2120	Hawaiian Home Land	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	A legal area held in trust for the benefit of Native Hawaiians.
G2130	Alaska Native Village Statistical Area	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	A statistical geographic entity that represents the residences, permanent and/or seasonal, for Alaska Natives who are members of or receiving governmental services from the defining legal Alaska Native Village corporation.
G2140	Oklahoma Tribal Statistical Area	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	A statistical entity identified and delineated by the Census Bureau in consultation with federally recognized American Indian tribes that have no current reservation, but had a former reservation in Oklahoma.
G2150	State-designated Tribal Statistical Area	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	A statistical geographic entity identified and delineated for the Census Bureau by a state-appointed liaison for a state-recognized American Indian tribe that does not currently have a reservation and/or lands in trust.
G2160	Tribal Designated Statistical Area	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	A statistical geographic entity identified and delineated for the Census Bureau by a federally recognized American Indian tribe that does not currently have a reservation and/or off-reservation trust land.
G2170	American Indian Joint Use Area	American Indian, Alaska Native, Or Native Hawaiian Area	N	N	Y	An area administered jointly and/or claimed by two or more American Indian tribes.
G2200	Alaska Native Regional Corporation	Tabulation Area	N	N	Y	Corporate entities established to conduct both business and nonprofit affairs of Alaska Natives pursuant to the Alaska Native Claims Settlement Act of 1972 (Public Law 92-203). There are twelve geographically defined ANRCs and they are all within and cover most of the State of Alaska (the Annette Island Reserve-an American Indian reservation-is excluded from any ANRC). The boundaries of ANRCs have been legally established.
G2300	Tribal Subdivision	Tabulation Area	N	N	Y	Administrative subdivisions of federally recognized American Indian reservations, off-reservation trust lands, or Oklahoma tribal statistical areas (OTSAs). These entities are internal units of self-government or administration that serve social, cultural, and/or economic purposes for the American Indians on the reservations, off-reservation trust lands, or OTSAs.
G2400	Tribal Census Tract	Tabulation Area	N	N	Y	A relatively small and permanent statistical subdivision of a federally recognized American Indian reservation and/or off-reservation trust land, delineated by American Indian tribal participants or the Census Bureau for the purpose of presenting demographic data.

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
G2410	Tribal Block Group	Tabulation Area	N	N	Y	A cluster of census blocks within a single tribal census tract delineated by American Indian tribal participants or the Census Bureau for the purpose of presenting demographic data.
G3100	Combined Statistical Area	Tabulation Area	N	N	Y	A grouping of adjacent metropolitan and/or micropolitan statistical areas that have a degree of economic and social integration, as measured by commuting.
G3110	Metropolitan and Micropolitan Statistical Area	Tabulation Area	N	N	Y	An area containing a substantial population nucleus together with adjacent communities having a high degree of economic and social integration with that core, as measured by commuting. Defined using whole counties and equivalents.
G3120	Metropolitan Division	Tabulation Area	N	N	Y	A county or grouping of counties that is a subdivision of a Metropolitan Statistical Area containing an urbanized area with a population of 2.5 million or more.
G3200	Combined New England City and Town Area	Tabulation Area	N	N	Y	A grouping of adjacent New England city and town areas that have a degree of economic and social integration, as measured by commuting.
G3210	New England City and Town Metropolitan and Micropolitan Statistical Area	Tabulation Area	N	N	Y	An area containing a substantial population nucleus together with adjacent communities having a high degree of economic and social integration with that core, as measured by commuting. Defined using Minor Civil Divisions (MCDs) in New England.
G3220	New England City and Town Division	Tabulation Area	N	N	Y	A grouping of cities and towns in New England that is a subdivision of a New England City and Town Area containing an urbanized area with a population of 2.5 million or more.
G3500	Urban Area	Tabulation Area	N	N	Y	Densely settled territory that contains at least 2,500 people. The subtypes of this feature are Urbanized Area (UA), which consists of 50,000 + people and Urban Cluster, which ranges between 2,500 and 49,999 people.
G4000	State or Equivalent Feature	Tabulation Area	N	N	Y	The primary governmental divisions of the United States. The District of Columbia is treated as a statistical equivalent of a state for census purposes, as are Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands.
G4020	County or Equivalent Feature	Tabulation Area	N	N	Y	The primary division of a state or state equivalent area. The primary divisions of 48 states are termed County, but other terms are used such as Borough in Alaska, Parish in Louisiana, and Municipio in Puerto Rico. This feature includes independent cities, which are incorporated places that are not part of any county.

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
G4040	County Subdivision	Tabulation Area	N	N	Y	The primary divisions of counties and equivalent features for the reporting of Census Bureau data. The subtypes of this feature are Minor Civil Division, Census County Division/Census Subarea, and Unorganized Territory. This feature includes independent places, which are incorporated places that are not part of any county subdivision.
G4060	Sub-Minor Civil Division	Tabulation Area	N	N	Y	Legally defined divisions (subbarrios) of minor civil divisions (barrios-pueblo and barrios) in Puerto Rico.
G4110	Incorporated Place	Tabulation Area	N	N	Y	A legal entity incorporated under state law to provide general-purpose governmental services to a concentration of population. Incorporated places are generally designated as a city, borough, municipality, town, village, or, in a few instances, have no legal description.
G4120	Consolidated City	Tabulation Area	N	N	Y	An incorporated place that has merged governmentally with a county or minor civil division, but one or more of the incorporated places continues to function within the consolidation. It is a place that contains additional separately incorporated places.
G4210	Census Designated Place	Tabulation Area	N	N	Y	A statistical area defined for a named concentration of population and the statistical counterpart of an incorporated place.
G4300	Economic Census Place	Tabulation Area	N	N	Y	The lowest level of geographic area for presentation of some types of Economic Census data. It includes incorporated places, consolidated cities, census designated places (CDPs), minor civil divisions (MCDs) in selected states, and balances of MCDs or counties. An incorporated place, CDP, MCD, or balance of MCD qualifies as an economic census place if it contains 5,000 or more residents, or 5,000 or more jobs, according to the most current data available.
G5020	Census Tract	Tabulation Area	N	N	Y	Relatively permanent statistical subdivisions of a County or equivalent feature delineated by local participants as part of the Census Bureau's Participant Statistical Areas Program.
G5030	Block Group	Tabulation Area	N	N	Y	A cluster of census blocks having the same first digit of their four-digit identifying numbers within a Census Tract. For example, block group 3 (BG 3) within a Census Tract includes all blocks numbered from 3000 to 3999.
G5040	Tabulation Block	Tabulation Area	N	N	Y	The lowest-order census defined statistical area. It is an area, such as a city block, bounded primarily by physical features but sometimes by invisible city or property boundaries. A tabulation block boundary does not cross the boundary of any other geographic area for which the Census Bureau tabulates data. The subtypes of this feature are Count Question Resolution (CQR), current, and census.

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
G5200	Congressional District	Tabulation Area	N	N	Y	The 435 areas from which people are elected to the U.S. House of Representatives. Additional equivalent features exist for state equivalents with nonvoting delegates or no representative. The subtypes of this feature are 106th, 107th, 108th, 109th, and 110th Congressional Districts, plus subsequent Congresses.
G5210	State Legislative District (Upper Chamber)	Tabulation Area	N	N	Y	Areas established by a state or equivalent government from which members are elected to the upper or unicameral chamber of a state governing body. The upper chamber is the senate in a bicameral legislature, and the unicameral case is a single house legislature (Nebraska).
G5220	State Legislative District (Lower Chamber)	Tabulation Area	N	N	Y	Areas established by a state or equivalent government from which members are elected to the lower chamber of a state governing body. The lower chamber is the House of Representatives in a bicameral legislature.
G5240	Voting District	Tabulation Area	N	N	Y	The generic name for the geographic features, such as precincts, wards, and election districts, established by state, local, and tribal governments for the purpose of conducting elections.
G5400	Elementary School District	Tabulation Area	N	N	Y	A geographic area within which officials provide public elementary grade-level educational services for residents.
G5410	Secondary School District	Tabulation Area	N	N	Y	A geographic area within which officials provide public secondary grade-level educational services for residents.
G5420	Unified School District	Tabulation Area	N	N	Y	A geographic area within which officials provide public educational services for all grade levels for residents.
G6100	Public-Use Microdata Area (1% Area)	Tabulation Area	N	N	Y	A decennial census area with a population of at least 400,000 for which the Census Bureau provides selected extracts of household-level data from a 1% sample of long-form Census Bureau records that are screened to protect confidentiality.
G6120	Public-Use Microdata Area (5% or 10% Area)	Tabulation Area	N	N	Y	A decennial census area with a population of at least 100,000 for which the Census Bureau provides selected extracts of household-level data from a 5% sample of long-form Census Bureau records that are screened to protect confidentiality. In Guam and the U.S. Virgin Islands, the extracts are from a 10% sample.
G6320	Traffic Analysis Zone	Tabulation Area	N	N	Y	An area delineated by state and/or local transportation officials and Metropolitan Planning Organizations (MPOs) for tabulating journey-to-work and place-of-work data.
G6330	Urban Growth Area	Tabulation Area	N	N	Y	An area defined under state authority to manage urbanization that the U.S. Census Bureau includes in the MAF/TIGER Database in agreement with the state.
G6340	ZIP Code Tabulation Area (Three-Digit)	Tabulation Area	N	N	Y	An approximate statistical-area representation of a U.S. Postal Service (USPS) 3-digit ZIP Code service area.
G6350	Zip Code Tabulation Area (Five-Digit)	Tabulation Area	N	N	Y	An approximate statistical-area representation of a U.S. Postal Service (USPS) 5-digit ZIP Code service area.

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
G6400	Commercial Region	Tabulation Area	N	N	Y	For the purpose of presenting economic statistical data, municipios in Puerto Rico are grouped into commercial regions.
H1100	Connector	Hydrographic Features	N	Y	N	A known, but nonspecific, hydrographic connection between two nonadjacent water features.
H2025	Swamp/Marsh	Hydrographic Features	N	N	Y	A poorly drained wetland, fresh or saltwater, wooded or grassy, possibly covered with open water. [includes bog, cienega, marais and pocosin]
H2030	Lake/Pond	Hydrographic Features	N	N	Y	A standing body of water that is surrounded by land.
H2040	Reservoir	Hydrographic Features	N	N	Y	An artificially impounded body of water.
H2041	Treatment Pond	Hydrographic Features	N	N	Y	An artificial body of water built to treat fouled water.
H2051	Bay/Estuary/Gulf/ Sound	Hydrographic Features	N	N	Y	A body of water partly surrounded by land. [includes arm, bight, cove and inlet]
H2053	Ocean/Sea	Hydrographic Features	N	N	Y	The great body of salt water that covers much of the earth.
H2060	Gravel Pit/Quarry filled with water	Hydrographic Features	N	N	Y	A body of water in a place or area from which commercial minerals were removed from the Earth.
H2081	Glacier	Hydrographic Features	N	N	Y	A body of ice moving outward and down slope from an area of accumulation; an area of relatively permanent snow or ice on the top or side of a mountain or mountainous area. [includes ice field and ice patch]
H3010	Stream/River	Hydrographic Features	N	Y	Y	A natural flowing waterway. [includes anabranch, awawa, branch, brook, creek, distributary, fork, kill, pup, rio, and run]
H3013	Braided Stream	Hydrographic Features	N	Y	Y	A natural flowing waterway with an intricate network of interlacing channels.
H3020	Canal, Ditch or Aqueduct	Hydrographic Features	N	Y	Y	An artificial waterway constructed to transport water, to irrigate or drain land, to connect two or more bodies of water, or to serve as a waterway for watercraft. [includes lateral]
K1121	Apartment Building or Complex	Potential Living Quarters	N	N	Y	A building or group of buildings that contain multiple living quarters generally for which rent is paid.
K1223	Trailer Court or Mobile Home Park	Potential Living Quarters	N	N	Y	An area in which parking space for house trailers is rented, usually providing utilities and services.
K1225	Crew-of-Vessel Location	Potential Living Quarters	Y	N	Y	A point or area in which the population of military or merchant marine vessels at sea are assigned, usually being at or near the home port pier.
K1226	Housing Facility/Dormitory for Workers	Potential Living Quarters	N	N	Y	A structure providing housing for a number of persons employed as semi-permanent or seasonal laborers.

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K1227	Hotel, Motel, Resort, Spa, Hostel, YMCA, or YWCA	Potential Living Quarters	N	N	Y	A structure providing transient lodging or living quarters, generally for some payment.
K1228	Campground	Potential Living Quarters	N	N	Y	An area used for setting up mobile temporary living quarters (camp) or holding a camp meeting, sometimes providing utilities and other amenities.
K1229	Shelter or Mission	Potential Living Quarters	N	N	Y	A structure providing low-cost or free living quarters established by a welfare or educational organization for the needy people of a district.
K1231	Hospital/Hospice/Urgent Care Facility	Potential Living Quarters	Y	N	Y	One or more structures where the sick or injured may receive medical or surgical attention. [including infirmary]
K1233	Nursing Home, Retirement Home, or Home for the Aged	Potential Living Quarters	N	N	Y	A structure to house and provide care for the elderly.
K1234	County Home or Poor Farm	Potential Living Quarters	N	N	Y	One or more structures administered by a local government that serve as living quarters for the indigent.
K1235	Juvenile Institution	Potential Living Quarters	N	N	Y	A facility (correctional or non-correctional) where groups of juveniles reside; this includes training schools, detention centers, residential treatment centers and orphanages.
K1236	Local Jail or Detention Center	Potential Living Quarters	Y	N	Y	One or more structures that serve as a place for the confinement of adult persons in lawful detention, administered by a local (county, municipal, etc.) government.
K1237	Federal Penitentiary, State Prison, or Prison Farm	Potential Living Quarters	Y	N	Y	An institution that serves as a place for the confinement of adult persons in lawful detention, administered by the federal government or a state government.
K1238	Other Correctional Institution	Potential Living Quarters	Y	N	Y	One or more structures that serve as a place for the confinement of adult persons in lawful detention, not elsewhere classified or administered by a government of unknown jurisdiction.
K1239	Convent, Monastery, Rectory, Other Religious Group Quarters	Potential Living Quarters	Y	N	Y	One or more structures intended for use as a residence for those having a religious vocation.
K1241	Sorority, Fraternity, or College Dormitory	Potential Living Quarters	N	N	Y	One or more structures associated with a social or educational organization that serve as living quarters for college students.
K2100	Governmental	Workplaces	N	N	Y	A place where employees are employed in federal, state, local, or tribal government.
K2110	Military Installation	Governmental	Y	N	Y	An area owned and/or occupied by the Department of Defense for use by a branch of the armed forces (such as the Army, Navy, Air Force, Marines, or Coast Guard), or a state owned area for the use of the National Guard.
K2146	Community Center	Governmental	Y	N	Y	A meeting place used by members of a community for social, cultural, or recreational purposes.

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
K2165	Government Center	Governmental	Y	N	Y	A place used by members of government (either federal, state, local, or tribal) for administration and public business.
K2167	Convention Center	Governmental	Y	N	Y	An exhibition hall or conference center with enough open space to host public and private business and social events.
K2180	Park	Governmental	N	N	Y	Parkland defined and administered by federal, state, and local governments.
K2181	National Park Service Land	Park	Y	N	Y	Area—National parks, National Monuments, and so forth—under the jurisdiction of the National Park Service.
K2182	National Forest or Other Federal Land	Park	Y	N	Y	Land under the management and jurisdiction of the federal government, specifically including areas designated as National Forest, and excluding areas under the jurisdiction of the National Park Service.
K2183	Tribal Park, Forest, or Recreation Area	Park	Y	N	Y	A place or area set aside for recreation or preservation of a cultural or natural resource and under the administration of an American Indian tribe.
K2184	State Park, Forest, or Recreation Area	Park	Y	N	Y	A place or area set aside for recreation or preservation of a cultural or natural resource and under the administration of a state government.
K2185	Regional Park, Forest, or Recreation Area	Park	Y	N	Y	A place or area set aside for recreation or preservation of a cultural or natural resource and under the administration of a regional government.
K2186	County Park, Forest, or Recreation Area	Park	Y	N	Y	A place or area set aside for recreation or preservation of a cultural or natural resource and under the administration of a county government.
K2187	County Subdivision Park, Forest, or Recreation Area	Park	Y	N	Y	A place or area set aside for recreation or preservation of a cultural or natural resource and under the administration of a minor civil division (town/township) government.
K2188	Incorporated Place Park, Forest, or Recreation Area	Park	Y	N	Y	A place or area set aside for recreation or preservation of a cultural or natural resource and under the administration of a municipal government.
K2189	Private Park, Forest, or Recreation Area	Park	Y	N	Y	A privately owned place or area set aside for recreation or preservation of a cultural or natural resource.
K2190	Other Park, Forest, or Recreation Area (quasi-public, independent park, commission, etc.)	Park	Y	N	Y	A place or area set aside for recreation or preservation of a cultural or natural resource and under the administration of some other type of government or agency such as an independent park authority or commission.
K2191	Post Office	Governmental	Y	N	N	An official facility of the U.S. Postal Service used for processing and distributing mail and other postal material.
K2193	Fire Department	Governmental	Y	N	N	Fire Department.
K2194	Police Station	Governmental	Y	N	N	Police Station.
K2195	Library	Governmental	Y	N	N	Library.

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K2196	City/Town Hall	Governmental	Y	N	N	City/Town Hall.
K2300	Commercial Workplace	Workplaces	N	N	Y	A place of employment for wholesale, retail, or other trade.
K2361	Shopping Center or Major Retail Center	Commercial Workplace	N	N	Y	A group of retail establishments within a planned subdivision sharing a common parking area.
K2362	Industrial Building or Industrial Park	Commercial Workplace	N	N	Y	One or more manufacturing establishments within an area zoned for fabrication, construction, or other similar trades.
K2363	Office Building or Office Park	Commercial Workplace	N	N	Y	One or more structures housing employees performing business, clerical, or professional services.
K2364	Farm/Vineyard/Winery/Orchard	Commercial Workplace	N	N	Y	An agricultural establishment where crops are grown and/or animals are raised, usually for food.
K2366	Other Employment Center	Commercial Workplace	N	N	Y	A place of employment not elsewhere classified or of unknown type.
K2400	Transportation Terminal	Workplaces	Y	N	Y	A facility where one or more modes of transportation can be accessed by people or for the shipment of goods; examples of such a facility include marine terminal, bus station, train station, airport and truck warehouse.
K2424	Marina	Transportation Terminal	N	N	Y	A place where privately owned, light-craft are moored.
K2432	Pier/Dock	Transportation Terminal	N	Y	Y	A platform built out from the shore into the water and supported by piles. This platform may provide access to ships and boats, or it may be used for recreational purposes.
K2451	Airport or Airfield	Transportation Terminal	Y	Y	Y	A manmade facility maintained for the use of aircraft. [including airstrip, landing field and landing strip]
K2452	Train Station, Trolley or Mass Transit Rail Station	Transportation Terminal	Y	N	Y	A place where travelers can board and exit rail transit lines, including associated ticketing, freight, and other commercial offices.
K2453	Bus Terminal	Transportation Terminal	Y	N	Y	A place where travelers can board and exit mass motor vehicle transit, including associated ticketing, freight, and other commercial offices.
K2454	Marine Terminal	Transportation Terminal	Y	N	Y	A place where travelers can board and exit water transit or where cargo is handled, including associated ticketing, freight, and other commercial offices.
K2455	Seaplane Anchorage	Transportation Terminal	Y	N	Y	A place where an airplane equipped with floats for landing on or taking off from a body of water can debark and load.
K2456	Airport—Intermodal Transportation Hub/Terminal	Transportation Terminal	Y	N	Y	A major air transportation facility where travelers can board and exit airplanes and connect with other (i.e. non-air) modes of transportation.
K2457	Airport—Statistical Representation	Transportation Terminal	N	N	Y	The area of an airport adjusted to include whole 2000 census blocks used for the delineation of urban areas.
K2458	Park and Ride Facility/Parking Lot	Transportation Terminal	Y	N	Y	A place where motorists can park their cars and transfer to other modes of transportation.

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
K2459	Runway/Taxiway	Transportation Terminal	Y	Y	Y	A fairly level and usually paved expanse used by airplanes for taking off and landing at an airport.
K2460	Helicopter Landing Pad	Transportation Terminal	Y	N	Y	A fairly level and usually paved expanse used by helicopters for taking off and landing.
K2540	University or College	Other Workplace	Y	N	Y	A building or group of buildings used as an institution for post-secondary study, teaching, and learning. [including seminary]
K2543	School or Academy	Other Workplace	Y	N	Y	A building or group of buildings used as an institution for preschool, elementary or secondary study, teaching, and learning. [including elementary school and high school]
K2545	Museum, Visitor Center, Cultural Center, or Tourist Attraction	Other Workplace	Y	N	Y	An attraction of historical, cultural, educational or other interest that provides information or displays artifacts.
K2561	Golf Course	Other Workplace	Y	N	Y	A place designed for playing golf.
K2564	Amusement Center	Other Workplace	N	N	Y	A facility that offers entertainment, performances or sporting events. Examples include arena, auditorium, theater, stadium, coliseum, race course, theme park, fairgrounds and shooting range.
K2582	Cemetery	Other Workplace	Y	N	Y	A place or area for burying the dead. [including burying ground and memorial garden]
K2586	Zoo	Other Workplace	Y	N	Y	A facility in which terrestrial and/or marine animals are confined within enclosures and displayed to the public for educational, preservation, and research purposes.
K3544	Place of Worship	Other Workplace	Y	N	Y	A sanctified place or structure where people gather for religious worship; examples include church, synagogue, temple, and mosque.
L4010	Pipeline	Miscellaneous Linear Features	N	Y	N	A long tubular conduit or series of pipes, often underground, with pumps and valves for flow control, used to transport fluid (e.g., crude oil, natural gas), especially over great distances.
L4020	Powerline	Miscellaneous Linear Features	N	Y	N	One or more wires, often on elevated towers, used for conducting high-voltage electric power.
L4031	Aerial Tramway/Ski Lift	Miscellaneous Linear Features	N	Y	N	A conveyance that transports passengers or freight in carriers suspended from cables and supported by a series of towers.
L4040	Conveyor	Miscellaneous Linear Features	N	Y	N	A mechanical apparatus that uses a moving belt to transport items from one place to another.
L4110	Fence Line	Miscellaneous Linear Features	N	Y	N	A man-made barrier enclosing or bordering a field, yard, etc., usually made of posts and wire or wood, used to prevent entrance, to confine, or to mark a boundary.
L4121	Ridge Line	Miscellaneous Linear Features	N	Y	N	The line of highest elevation along a ridge.
L4125	Cliff/Escarpment	Miscellaneous Linear Features	N	Y	N	A very steep or vertical slope. [including bluff, crag, head, headland, nose, palisades, precipice, promontory, rim and rimrock]

MTFCC	FEATURE CLASS	SUPERCLASS	POINT	LINEAR	AREAL	FEATURE CLASS DESCRIPTION
L4130	Point-to-Point Line	Miscellaneous Linear Features	N	Y	N	A line defined as beginning at one location point and ending at another, both of which are in sight.
L4140	Property/Parcel Line (Including PLSS)	Miscellaneous Linear Features	N	Y	N	This feature class may denote a nonvisible boundary of either public or private lands (e.g., a park boundary) or it may denote a Public Land Survey System or equivalent survey line.
L4165	Ferry Crossing	Miscellaneous Linear Features	N	Y	N	The route used to carry or convey people or cargo back and forth over a waterbody in a boat.
R1011	Railroad Feature (Main, Spur, or Yard)	Rail Features	N	Y	N	A line of fixed rails or tracks that carries mainstream railroad traffic. Such a rail line can be a main line or spur line, or part of a rail yard.
R1051	Carline, Streetcar Track, Monorail, Other Mass Transit Rail	Rail Features	N	Y	N	Mass transit rail lines (including lines for rapid transit, monorails, streetcars, light rail, etc.) that are typically inaccessible to mainstream railroad traffic and whose tracks are not part of a road right-of-way.
R1052	Cog Rail Line, Incline Rail Line, Tram	Rail Features	N	Y	N	A special purpose rail line for climbing steep grades that is typically inaccessible to mainstream railroad traffic. Note that aerial tramways and streetcars (which may also be called "trams") are accounted for by other MTFCCs and do not belong in R1052.
S1100	Primary Road	Road/Path Features	N	Y	N	Primary roads are generally divided, limited-access highways within the interstate highway system or under state management, and are distinguished by the presence of interchanges. These highways are accessible by ramps and may include some toll highways.
S1200	Secondary Road	Road/Path Features	N	Y	N	Secondary roads are main arteries, usually in the U.S. Highway, State Highway or County Highway system. These roads have one or more lanes of traffic in each direction, may or may not be divided, and usually have at-grade intersections with many other roads and driveways. They often have both a local name and a route number.
S1400	Local Neighborhood Road, Rural Road, City Street	Road/Path Features	N	Y	N	Generally a paved non-arterial street, road, or byway that usually has a single lane of traffic in each direction. Roads in this feature class may be privately or publicly maintained. Scenic park roads would be included in this feature class, as would (depending on the region of the country) some unpaved roads.
S1500	Vehicular Trail (4WD)	Road/Path Features	N	Y	N	An unpaved dirt trail where a four-wheel drive vehicle is required. These vehicular trails are found almost exclusively in very rural areas. Minor, unpaved roads usable by ordinary cars and trucks belong in the S1400 category.
S1630	Ramp	Road/Path Features	N	Y	N	A road that allows controlled access from adjacent roads onto a limited access highway, often in the form of a cloverleaf interchange. These roads are unaddressable.

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S1640	Service Drive usually along a limited access highway	Road/Path Features	N	Y	N	A road, usually paralleling a limited access highway, that provides access to structures along the highway. These roads can be named and may intersect with other roads.
S1710	Walkway/Pedestrian Trail	Road/Path Features	N	Y	N	A path that is used for walking, being either too narrow for or legally restricted from vehicular traffic.
S1720	Stairway	Road/Path Features	N	Y	N	A pedestrian passageway from one level to another by a series of steps.
S1730	Alley	Road/Path Features	N	Y	N	A service road that does not generally have associated addressed structures and is usually unnamed. It is located at the rear of buildings and properties and is used for deliveries.
S1740	Private Road for service vehicles (logging, oil fields, ranches, etc.)	Road/Path Features	N	Y	N	A road within private property that is privately maintained for service, extractive, or other purposes. These roads are often unnamed.
S1750	Internal U.S. Census Bureau use	Road/Path Features	N	Y	N	Internal U.S. Census Bureau use.
S1780	Parking Lot Road	Road/Path Features	N	Y	N	The main travel route for vehicles through a paved parking area.
S1820	Bike Path or Trail	Road/Path Features	N	Y	N	A path that is used for manual or small, motorized bicycles, being either too narrow for or legally restricted from vehicular traffic.
S1830	Bridle Path	Road/Path Features	N	Y	N	A path that is used for horses, being either too narrow for or legally restricted from vehicular traffic.
S2000	Road Median	Road/Path Features	N	N	Y	The unpaved area or barrier between the-carriageways of a divided road.
P0001	Nonvisible Linear Legal/Statistical Boundary	Bounding Edges	N	Y	N	A legal/statistical boundary line that does not correspond to a shoreline or other visible feature on the ground.
P0002	Perennial Shoreline	Bounding Edges	N	Y	N	The more-or-less permanent boundary between land and water for a water feature that exists year-round.
P0003	Intermittent Shoreline	Bounding Edges	N	Y	N	The boundary between land and water (when water is present) for a water feature that does not exist year-round.
P0004	Other non-visible bounding Edge (e.g., Census water boundary, boundary of an areal feature)	Bounding Edges	N	Y	N	A bounding Edge that does not represent a legal/statistical boundary, and does not correspond to a shoreline or other visible feature on the ground. Many such Edges bound area landmarks, while many others separate water features from each other (e.g., where a bay meets the ocean).