

TIGER/Line Shapefile, 2014, National Data Set, Current Census Tract State-based

File Geodatabase Feature Class



Tags

United States, State or Equivalent Entity, Census Tract, State or equivalent entity, Boundaries, U.S., Polygon

Summary

The purpose of the data is to be used in Wildlife Tracking and Reporting Actions for the Conservation of Species (TRACS) as a resource tool in TRACS Mapper. The U.S. Census Bureau provided the boundary shapefile to the U.S. Fish and Wildlife Service (USFWS) Wildlife and Sport Fish Restoration (WSFR) Wildlife Tracking and Reporting Actions for the Conservation of Species (TRACS) team to be used as a resource tool in TRACS Mapper. TRACS stands for Tracking and Reporting Actions for the Conservation of Species. Wildlife TRACS is the tracking and reporting system for conservation and related actions funded by the US Fish and Wildlife Services (USFWS), Wildlife and Sport Fish Restoration (WSFR) Program.

Description

The TIGER/Line shapefiles and related database files (.dbf) are an extract 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 (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line shapefile is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. Census tracts are small, relatively permanent statistical subdivisions of a county or equivalent entity, and were defined by local participants as part of the 2010 Census Participant Statistical Areas Program. The Census Bureau delineated the census tracts in situations where no local participant existed or where all the potential participants declined to participate. The primary purpose of census tracts is to provide a stable set of geographic units for the presentation of census data and comparison back to previous decennial censuses. Census tracts generally have a population size between 1,200 and 8,000 people, with an optimum size of 4,000 people. When first delineated, census tracts were 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. 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. In a few rare instances, a census tract may consist of noncontiguous areas. These noncontiguous areas may occur where the census tracts are

coextensive with all or parts of legal entities that are themselves noncontiguous. For the 2010 Census, the census tract code range of 9400 through 9499 was enforced for census tracts that include a majority American Indian population according to Census 2000 data and/or their area was primarily covered by federally recognized American Indian reservations and/or off-reservation trust lands; the code range 9800 through 9899 was enforced for those census tracts that contained little or no population and represented a relatively large special land use area such as a National Park, military installation, or a business/industrial park; and the code range 9900 through 9998 was enforced for those census tracts that contained only water area, no land area.

Credits

There are no credits for this item.

Use limitations

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Extent

West -179.231101 **East** 179.859666
North 71.441059 **South** -14.601806

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE boundaries

PLACE KEYWORDS 01, AL, United States, State or Equivalent Entity, U.S., Alabama

THESAURUS ►

TITLE ANSI INCITS 38:2009 (Formerly FIPS 5-2), ANSI INCITS 31:2009 (Formerly FIPS 6-4), ANSI INCITS 454:2009 (Formerly FIPS 8-6), ANSI INCITS 455:2009 (Formerly FIPS 9-1), ANSI INCITS 446:2008 (Geographic Names Information System (GNIS))

Hide Thesaurus ▲

THEME KEYWORDS Tract, Census Tract, State or equivalent entity, Polygon

THEME KEYWORDS Boundaries

THESAURUS ►
 TITLE ISO 19115 Topic Categories

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE TIGER/Line Shapefile, 2014, National Data Set, Current Census Tract State-based
 PUBLICATION DATE 2014-01-01

EDITION 2014

PRESENTATION FORMATS digital map
 FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY
 ORGANIZATION'S NAME U.S. Department of Commerce, U.S. Census Bureau, Geography Division
 CONTACT'S ROLE originator

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

STATUS completed
 SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.2.3552

[Hide Resource Details ▲](#)

Extents ►

EXTENT
 DESCRIPTION
 Publication Date

TEMPORAL EXTENT
 BEGINNING DATE 2013-06-01
 ENDING DATE 2014-05-01

EXTENT
 GEOGRAPHIC EXTENT
 BOUNDING RECTANGLE
 WEST LONGITUDE -88.473227
 EAST LONGITUDE -84.888246
 SOUTH LATITUDE 30.144425

NORTH LATITUDE 35.008028

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

WEST LONGITUDE -179.231101

EAST LONGITUDE 179.859666

NORTH LATITUDE 71.441059

SOUTH LATITUDE -14.601806

EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

ORGANIZATION'S NAME Wildlife and Sport Fish Restoration Program U.S. Fish and Wildlife Service
Headquarters

INDIVIDUAL'S NAME Alexander R. Miller

CONTACT'S POSITION Cartographer

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 303-275-2365

ADDRESS

TYPE postal

DELIVERY POINT 6550 Gateway Rd Trailer Z-80

CITY Commerce City

ADMINISTRATIVE AREA CO

POSTAL CODE 80022

COUNTRY US

E-MAIL ADDRESS alexander_miller@fws.gov

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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 U.S. Census Bureau in specific as to the spatial or attribute accuracy of the data. The act of distribution shall not constitute any such warranty and no responsibility is assumed by the U.S. government in the use of these files. The boundary information in the TIGER/Line Shapefiles is for statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes do not constitute a determination of jurisdictional authority or rights of ownership or entitlement and they are not legal land descriptions.

CONSTRAINTS

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

REFERENCE SYSTEM IDENTIFIER

VALUE 4326
 CODESPACE EPSG
 VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

INDIRECT SPATIAL REFERENCING

Federal Information Processing Series (FIPS), Geographic Names Information System (GNIS), and feature names.

VECTOR ►

LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

OBJECT TYPE composite
 OBJECT COUNT 75248

[Hide Vector ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ►

MEASURE DESCRIPTION

The Census Bureau performed automated tests to ensure logical consistency and limits of shapefiles. Segments making up the outer and inner boundaries of a polygon tie end-to-end to completely enclose the area. All polygons are tested for closure. The Census Bureau uses its internally developed geographic update system to enhance and modify spatial and attribute data in the Census MAF/TIGER database. Standard geographic codes, such as FIPS codes for states, counties, municipalities, county subdivisions, places, American Indian/Alaska Native/Native Hawaiian areas, and congressional districts are

used when encoding spatial entities. The Census Bureau performed spatial data tests for logical consistency of the codes during the compilation of the original Census MAF/TIGER database files. Most of the codes for geographic entities except states, counties, urban areas, Core Based Statistical Areas (CBSAs), American Indian Areas (AIAs), and congressional districts were provided to the Census Bureau by the USGS, the agency responsible for maintaining the Geographic Names Information System (GNIS). Feature attribute information has been examined but has not been fully tested for consistency. For the TIGER/Line Shapefiles, the Point and Vector Object Count for the G-polygon SDTS Point and Vector Object Type reflects the number of records in the shapefile attribute table. For multi-polygon features, only one attribute record exists for each multi-polygon rather than one attribute record per individual G-polygon component of the multi-polygon feature. TIGER/Line Shapefile multi-polygons are an exception to the G-polygon object type classification. Therefore, when multi-polygons exist in a shapefile, the object count will be less than the actual number of G-polygons.

[Hide Data quality report - Conceptual consistency ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ►

MEASURE DESCRIPTION

Data completeness of the TIGER/Line Shapefiles reflects the contents of the Census MAF/TIGER database at the time the TIGER/Line Shapefiles were created.

[Hide Data quality report - Completeness omission ▲](#)

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ►

MEASURE DESCRIPTION

Accurate against National Standard Codes, Federal Information Processing (FIPS) and the Geographic Names Information System (GNIS) at the 100% level for the codes and base names. The remaining attribute information has been examined but has not been fully tested for accuracy.

[Hide Data quality report - Quantitative attribute accuracy ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2014-01-01 00:00:00

DESCRIPTION

TIGER/Line Shapefiles are extracted from the Census MAF/TIGER database by nation, state, county, and entity. Census MAF/TIGER data for all of the aforementioned geographic entities are then distributed among the shapefiles each containing attributes for line, polygon, or landmark geographic data. FWS WSFR TRACS team received zipped shapefiles from geographic database of global administrative areas and upon unzipping the file, the shapefile was imported into a file geodatabase in order to run topology and generalize the data. The Check Geometry tool was used to determine if there were any geometry problems. No geometry problems were identified. Topology was created in ArcCatalog using the default rule Must Be Larger than

Cluster Tolerance. There were no topology errors. The validated layer was generalized using the Simplify Polygon tool with the bend simplification and resolve topology error options. The generalized layer was exported to GCS WGS 84 and topology was recreated to confirm no additional errors were introduced. Two double fields were added to the attribute table for the web mapper program: Area_sq_m and Len_m. The geometry for these two fields was calculated using the World_Cylindrical_Equal_Area projection. Two integer fields were added to the attribute table for the web mapper program: IS_ACTIVE and IS_DELETED. IS_ACTIVE is populated with 1 (True) and IS_DELETED with 0 (False). The layer was imported to the SDE Enterprise Oracle database using the SDO_GEOMETRY spatial type.

SOURCE DATA 

RELATIONSHIP TO THE PROCESS STEP used

SOURCE CITATION 

ALTERNATE TITLES MAF/TIGER

Hide Source citation 

Hide Source data 

Hide Process step 

SOURCE DATA 

DESCRIPTION

All line segments

SOURCE MEDIUM NAME online link

SOURCE CITATION 

TITLE Census MAF/TIGER database

ALTERNATE TITLES MAF/TIGER

PUBLICATION DATE

INDETERMINATE DATE inapplicable

RESPONSIBLE PARTY

ORGANIZATION'S NAME U.S. Department of Commerce, U.S. Census Bureau, Geography Division

CONTACT'S ROLE originator

Hide Source citation 

EXTENT OF THE SOURCE DATA

DESCRIPTION

Publication Date

TEMPORAL EXTENT

BEGINNING DATE 2013-06-01

ENDING DATE 2014-05-01

Hide Source data 

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME U.S. Department of Commerce, U.S. Census Bureau, Geography Division,
Geographic Products Branch
CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE 301-763-1128
FAX 301-763-4710

ADDRESS

TYPE postal
DELIVERY POINT 4600 Silver Hill Road, Stop 7400
CITY Washington
ADMINISTRATIVE AREA DC
POSTAL CODE 20233-7400
COUNTRY US
E-MAIL ADDRESS geo.tiger@census.gov

[Hide Contact information ▲](#)

AVAILABLE FORMAT

NAME TGRSHP (compressed)
FILE DECOMPRESSION TECHNIQUE PK-ZIP, version 1.93 A or higher
TECHNICAL PREREQUISITES The TIGER/Line shapefiles contain geographic data only and do not include display mapping software or statistical data. For information on how to use the TIGER/Line shapefile data with specific software package users shall contact the company that produced the software.

ORDERING PROCESS

TERMS AND FEES The online copy of the TIGER/Line Shapefiles may be accessed without charge.

INSTRUCTIONS

To obtain more information about ordering TIGER/Line Shapefiles visit
<http://www.census.gov/geo/www/tiger>

TRANSFER OPTIONS

ONLINE SOURCE

LOCATION http://www2.census.gov/geo/tiger/TIGER2014/TRACT/tl_2014_01_tract.zip

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

NAME File Geodatabase Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

LOCATION http://www2.census.gov/geo/tiger/TIGER2014/TRACT/tl_2014_01_tract.zip

[Hide Distribution ▲](#)**Fields ▶**DETAILS FOR OBJECT **US_CENSUS_TRACTS** ▶

DEFINITION

Current Census Tract State-based

DEFINITION SOURCE

U.S. Census Bureau

FIELD **OBJECTID** ▶

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field OBJECTID ▲](#)FIELD **Shape** ▶

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

[Hide Field Shape ▲](#)FIELD **STATEFP** ▶

FIELD DESCRIPTION

Current state Federal Information Processing Series (FIPS) codes

DESCRIPTION SOURCE

U.S. Census Bureau

CODED VALUES

NAME OF CODELIST National Standard Codes (ANSI INCITS 38-2009), Federal Information Processing Series (FIPS) - States/State Equivalents

SOURCE U.S. Census Bureau

[Hide Field STATEFP ▲](#)

FIELD COUNTYFP ▶

FIELD DESCRIPTION

Current county Federal Information Processing Series (FIPS) code

DESCRIPTION SOURCE

U.S. Census Bureau

CODED VALUES

NAME OF CODELIST National Standard Codes (ANSI INCITS 31-2009), Federal Information Processing Series (FIPS) - Counties/County Equivalents

SOURCE U.S. Census Bureau

Hide Field COUNTYFP ▲

FIELD TRACTCE ▶

FIELD DESCRIPTION

Current census tract code

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE 000100 to 998999

DESCRIPTION Census tract number

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

VALUE 990000 to 990099

DESCRIPTION Water tract (2010 and continuing)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

VALUE 990100 to 998999

DESCRIPTION Census tract number

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

Hide Field TRACTCE ▲

FIELD GEOID ▶

FIELD DESCRIPTION

Census tract identifier, a concatenation of Current state Federal Information Processing Series (FIPS) code, county FIPS code, and census tract code

DESCRIPTION SOURCE

U.S. Census Bureau

DESCRIPTION OF VALUES

The GEOID attribute is a concatenation of the state FIPS code, followed by the county FIPS code, followed by the census tract code. No spaces are allowed between the two codes. The State FIPS code is taken from "National Standard Codes (ANSI INCITS 38-2009), Federal Information Processing Series (FIPS) - States". The county FIPS code is taken from "National Standard Codes (ANSI INCITS 31-2009), Federal Information Processing Series (FIPS) - Counties/County Equivalents". The census tract code is taken from the "TRACTCE" attribute.

Hide Field GEOID ▲

FIELD NAME ►

FIELD DESCRIPTION

Current census tract name, this is the census tract code converted to an integer or integer plus two-digit decimal if the last two characters of the code are not both zeros.

DESCRIPTION SOURCE

U.S. Census Bureau

DESCRIPTION OF VALUES

Values for this attribute are composed of a set of census tract names. As such, they do not exist in a known, predefined set.

Hide Field NAME ▲

FIELD NAMELSAD ►

FIELD DESCRIPTION

Current translated legal/statistical area description and the census tract name

DESCRIPTION SOURCE

U.S. Census Bureau

DESCRIPTION OF VALUES

Refer to the name in the 'TRACTCE' field and the translated legal/statistical area description code for census tracts

Hide Field NAMELSAD ▲

FIELD MTFCC ►

FIELD DESCRIPTION

MAF/TIGER feature class code

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE G5020

DESCRIPTION Census Tract

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

Hide Field MTFCC ▲

FIELD FUNCSTAT ►

FIELD DESCRIPTION

Current functional status

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE S

DESCRIPTION Statistical entity

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

[Hide Field FUNCSTAT ▲](#)

FIELD **ALAND** ▶

FIELD DESCRIPTION

Current land area (square meters)

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE 0

MAXIMUM VALUE 9,999,999,999,999

[Hide Field ALAND ▲](#)

FIELD **AWATER** ▶

FIELD DESCRIPTION

Current water area (square meters)

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE 0

MAXIMUM VALUE 9,999,999,999,999

[Hide Field AWATER ▲](#)

FIELD **INTPTLAT** ▶

FIELD DESCRIPTION

Current latitude of the internal point

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE -90.000000

MAXIMUM VALUE 90.000000

[Hide Field INTPTLAT ▲](#)

FIELD **INTPTLON** ▶

FIELD DESCRIPTION

Current longitude of the internal point

DESCRIPTION SOURCE

U.S. Census Bureau

RANGE OF VALUES

MINIMUM VALUE -180.000000

MAXIMUM VALUE 180.000000

[Hide Field INTPTLON ▲](#)

FIELD Shape_Leng ▶

Hide Field Shape_Leng ▲

FIELD Area_sq_m ▶

Hide Field Area_sq_m ▲

FIELD Len_m ▶

Hide Field Len_m ▲

FIELD IS_ACTIVE ▶

Hide Field IS_ACTIVE ▲

FIELD IS_DELETED ▶

Hide Field IS_DELETED ▲

FIELD Shape_Length ▶

FIELD DESCRIPTION

Length of feature in internal units.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

Hide Field Shape_Length ▲

FIELD Shape_Area ▶

FIELD DESCRIPTION

Area of feature in internal units squared.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

[Hide Field Shape_Area ▲](#)[Hide Details for object US_CENSUS_TRACTS ▲](#)[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)
 METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
 SCOPE NAME dataset

LAST UPDATE 2015-09-09

ARCGIS METADATA PROPERTIES
 METADATA FORMAT ArcGIS 1.0
 STANDARD OR PROFILE USED TO EDIT METADATA FGDC

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT
 ORGANIZATION'S NAME Wildlife and Sport Fish Restoration Program, U.S. Fish and Wildlife Service
 Headquarters
 CONTACT'S ROLE distributor

[CONTACT INFORMATION ►](#)

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 ADMINISTRATIVE AREA VA
 POSTAL CODE 22041-3803

[Hide Contact information ▲](#)[Hide Metadata Contacts ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL
 THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼