

# CENSUS\_TRACTS\_2010

## Shapefile



## Tags

San Diego County, boundaries, Census Tract, TIGER

## Summary

Polygons representing 2010 US Census Bureau census tracts for San Diego County derived the CENSUS\_BLOCK layer.

## Description

This dataset comprises polygons of census tracts for San Diego County. A census tract is a geographic region defined for the purpose of taking a census. Usually these coincide with the limits of cities, towns or other administrative areas and several tracts commonly exist within a county. In unincorporated areas, these are often arbitrary, except for coinciding with political lines. Census tracts are subdivided into block groups and census blocks.

The TIGER/Line Files are shapefiles and related database files (.dbf) that 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 File is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. Census Blocks are statistical areas bounded on all sides by visible features, such as streets, roads, streams, and railroad tracks, and/or by nonvisible boundaries such as city, town, township, and county limits, and short line-of-sight extensions of streets and roads. Census blocks are relatively small in area; for example, a block in a city bounded by streets. However, census blocks in remote areas are often large and irregular and may even be many square miles in area. A common misunderstanding is that data users think census blocks are used geographically to build all other census geographic areas, rather all other census geographic areas are updated and then used as the primary constraints, along with roads and water features, to delineate the tabulation blocks. As a result, all 2010 Census blocks nest within every other 2010 Census geographic area, so that Census Bureau statistical data can be tabulated at the block level and aggregated up to the appropriate geographic areas. Census blocks cover all territory in the United States, Puerto Rico, and the Island Areas (American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands). Blocks are the smallest geographic areas for which the Census Bureau publishes data from the decennial census. A block may consist of one or more faces.

The Census Tracts dataset is based on the TIGER dataset and may be edited by SANDAG and further edited by SanGIS to reflect local boundary datasets. However, SanGIS edits the CENSUS\_BLOCK layer and then derives the CENSUS\_TRACT layer from the blocks.

## Credits

SANDAG and SANGIS using data provided by the United States Census Bureau (TIGER).

## Use limitations

The TIGER/Line Shapefile products are not copyrighted however TIGER/Line and Census TIGER are registered trademarks of the U.S. Census Bureau. These products are free to use in a product or

publication, however acknowledgement must be given to the U.S. Census Bureau as the source. The boundary information in the TIGER/Line Shapefiles are 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. Coordinates in the TIGER/Line shapefiles have six implied decimal places, but the positional accuracy of these coordinates is not as great as the six decimal places suggest.

Please refer to SanGIS GIS data end user use agreement and disclaimer which is available at the following: [http://www.sangis.org/Legal\\_Notice.htm](http://www.sangis.org/Legal_Notice.htm).

### Extent

**West** -117.597986    **East** -116.080156  
**North** 33.511553    **South** 32.530161

### 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, planningCadastre, society

**\* CONTENT TYPE** Downloadable Data

**PLACE KEYWORDS** California, County of San Diego, Carlsbad, Coronado, Chula Vista, Del Mar, El Cajon, Encinitas, Escondido, Imperial Beach, Lemon Grove, La Mesa, National City, Oceanside, Poway, San Diego, San Marcos, Solana Beach, Santee, Vista

#### THESAURUS ►

**TITLE** INCITS.38-200x (R2004),INCITS.31-200x (R2007),INCITS.454-200x,INCITS 455-200x,INCITS 446-2008

*Hide Thesaurus ▲*

**THEME KEYWORDS** Census Tract, TIGER, demographic boundaries, Census Blocks

*Hide Topics and Keywords ▲*

### Citation ►

**\* TITLE** CENSUS\_TRACTS\_2010  
**PUBLICATION DATE** 2014-01-01 00:00:00

**EDITION** 2010

**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)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed

SPATIAL REPRESENTATION TYPE vector

\* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.1.3143

### CREDITS

SANDAG and SANGIS using data provided by the United States Census Bureau (TIGER).

### ARCGIS ITEM PROPERTIES

\* NAME CENSUS\_TRACTS\_2010

\* SIZE 4.156

\* LOCATION file:///\\pala\home\share\Louise\Ad\_Hoc\_Updates\2015\January 2015  
\SanGIS\_AdHoc\_Metadata\CENSUS\_TRACTS\_2010.shp

\* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

### EXTENT

#### DESCRIPTION

Publication date

#### TEMPORAL EXTENT

BEGINNING DATE 2010-01-01 00:00:00

ENDING DATE 2010-07-01 00:00:00

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -117.597986

\* EAST LONGITUDE -116.080156

\* NORTH LATITUDE 33.511553

\* SOUTH LATITUDE 32.530161

\* EXTENT CONTAINS THE RESOURCE Yes

#### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 6150763.738000

\* EAST LONGITUDE 6613437.000000

\* SOUTH LATITUDE 1775304.094000

\* NORTH LATITUDE 2129760.000000

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)**Resource Points of Contact ►**

## POINT OF CONTACT

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

CONTACT'S ROLE point of contact

## 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](mailto:geo.tiger@census.gov)

[Hide Contact information ▲](#)

## POINT OF CONTACT

ORGANIZATION'S NAME SanGIS

INDIVIDUAL'S NAME Operations Manager

CONTACT'S POSITION Operations Manager

CONTACT'S ROLE point of contact

## CONTACT INFORMATION ►

## PHONE

VOICE (858) 874-7000

FAX (858) 874-7002

## ADDRESS

TYPE both

DELIVERY POINT 5510 Overland Avenue, Suite 230

CITY San Diego

ADMINISTRATIVE AREA California

POSTAL CODE 92123

COUNTRY US

E-MAIL ADDRESS [webmaster@sangis.org](mailto:webmaster@sangis.org)

HOURS OF SERVICE 8:00 AM - 4:00 PM Monday thru Friday

[Hide Contact information ▲](#)

## POINT OF CONTACT

ORGANIZATION'S NAME SANDAG

CONTACT'S POSITION GIS Analyst

CONTACT'S ROLE point of contact

## CONTACT INFORMATION ►

## ADDRESS

TYPE both  
 DELIVERY POINT 401 B Street  
 CITY San Diego  
 ADMINISTRATIVE AREA CA  
 POSTAL CODE 92101  
 COUNTRY US  
 E-MAIL ADDRESS [gismaster@sandag.org](mailto:gismaster@sandag.org)

*Hide Contact information ▲*

*Hide Resource Points of Contact ▲*

## Resource Maintenance ►

### RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

TIME PERIOD BETWEEN UPDATES

TIME DURATION Decennial (every 10 years) - last update 2010 (for TIGER data). SanGIS

*Hide Resource Maintenance ▲*

## Resource Constraints ►

### CONSTRAINTS

#### LIMITATIONS OF USE

The TIGER/Line Shapefile products are not copyrighted however TIGER/Line and Census TIGER are registered trademarks of the U.S. Census Bureau. These products are free to use in a product or publication, however acknowledgement must be given to the U.S. Census Bureau as the source. The boundary information in the TIGER/Line Shapefiles are 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. Coordinates in the TIGER/Line shapefiles have six implied decimal places, but the positional accuracy of these coordinates is not as great as the six decimal places suggest. Please refer to SanGIS GIS data end user use agreement and disclaimer which is available at the following: [http://www.sangis.org/Legal\\_Notice.htm](http://www.sangis.org/Legal_Notice.htm).

*Hide Resource Constraints ▲*

## Spatial Reference ►

### ARCGIS COORDINATE SYSTEM

\* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983

\* PROJECTION NAD\_1983\_StatePlane\_California\_VI\_FIPS\_0406\_Feet

\* COORDINATE REFERENCE DETAILS

#### PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102646

X ORIGIN -118608900

Y ORIGIN -91259500

XY SCALE 35979706.307677768

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.0032808333333333331

Z TOLERANCE 0.001  
 M TOLERANCE 0.001  
 HIGH PRECISION true  
 LATEST WELL-KNOWN IDENTIFIER 2230  
 WELL-KNOWN TEXT PROJCS["NAD\_1983\_StatePlane\_California\_VI\_FIPS\_0406\_Feet",GEOGCS  
 ["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID  
 ["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT  
 ["Degree",0.0174532925199433]],PROJECTION["Lambert\_Conformal\_Conic"],PARAMETER  
 ["False\_Easting",6561666.666666666],PARAMETER  
 ["False\_Northing",1640416.666666667],PARAMETER["Central\_Meridian",-  
 116.25],PARAMETER["Standard\_Parallel\_1",32.78333333333333],PARAMETER  
 ["Standard\_Parallel\_2",33.88333333333333],PARAMETER  
 ["Latitude\_Of\_Origin",32.16666666666666],UNIT  
 ["Foot\_US",0.3048006096012192],AUTHORITY["EPSG",2230]]

#### REFERENCE SYSTEM IDENTIFIER

\* VALUE 2230  
 \* CODESPACE EPSG  
 \* VERSION 7.11.2

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

#### INDIRECT SPATIAL REFERENCING

Federal Information Processing Standards (FIPS), ANSI, and feature names.

#### VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

FEATURE CLASS NAME CENSUS\_TRACTS\_2010  
 \* OBJECT TYPE composite  
 \* OBJECT COUNT 627

[Hide Vector ▲](#)

#### ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME CENSUS\_TRACTS\_2010  
 \* FEATURE TYPE Simple  
 \* GEOMETRY TYPE Polygon  
 \* HAS TOPOLOGY FALSE  
 \* FEATURE COUNT 627  
 \* SPATIAL INDEX FALSE  
 \* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[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 FIPS 55. 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 Federal Information Processing Standards (FIPS), FIPS Publication 6-4, and FIPS-55 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** 2010-01-01

**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.

#### SOURCE DATA ►

**RELATIONSHIP TO THE PROCESS STEP** used

#### SOURCE CITATION ►

**ALTERNATE TITLES** Census MAF/TIGER

[Hide Source citation ▲](#)[Hide Source data ▲](#)[Hide Process step ▲](#)**SOURCE DATA** ▶

**DESCRIPTION** The selected geographic and cartographic information (line segments) are derived from the U.S. Census Bureau's Master Address File Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) database.

**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** 2010-01-01

**ENDING DATE** 2010-07-01

[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](mailto: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 files 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://www.census.gov/geo/www/tiger>

*Hide Distributor ▲*

#### DISTRIBUTOR ►

##### CONTACT INFORMATION

ORGANIZATION'S NAME SanGIS  
 INDIVIDUAL'S NAME Data Librarian  
 CONTACT'S POSITION Data Librarian  
 CONTACT'S ROLE distributor

##### CONTACT INFORMATION ►

##### PHONE

VOICE (858) 874-7000  
 FAX (858) 874-7002

##### ADDRESS

TYPE both  
 DELIVERY POINT 5510 Overland Avenue, Suite 230  
 CITY San Diego  
 ADMINISTRATIVE AREA California  
 POSTAL CODE 92123  
 COUNTRY US  
 E-MAIL ADDRESS [webmaster@sangis.org](mailto:webmaster@sangis.org)

HOURS OF SERVICE 8:00 AM - 4:00 PM Monday thru Friday

*Hide Contact information ▲*

#### ORDERING PROCESS

##### INSTRUCTIONS

Refer to SanGIS website (<http://www.sangis.org/services/index.html>) to obtain further information on mapping and data extraction services available from SanGIS.

#### TRANSFER OPTIONS

##### ONLINE SOURCE

LOCATION <http://www.sangis.org/download/index.html>

DESCRIPTION For Census tracts edited to San Diego County by SanGIS go to <http://www.sangis.org/download/index.html>. Census tracts also on SanGIS interactive map available at <http://sdgis.sandag.org/>

*Hide Distributor ▲*

#### DISTRIBUTION FORMAT

\* NAME Shapefile

#### TRANSFER OPTIONS

\* TRANSFER SIZE 4.156

##### ONLINE SOURCE

LOCATION <http://www.census.gov/geo/www/tiger>

*Hide Distribution ▲*

## Fields ►

#### DETAILS FOR OBJECT CENSUS\_TRACTS\_2010 ►

\* TYPE Feature Class

\* ROW COUNT 627

##### DEFINITION

2010 Census Block for San Diego County

##### DEFINITION SOURCE

U.S. Census Bureau

#### FIELD FID ►

\* ALIAS FID

\* DATA TYPE OID

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Internal feature number.

\* DESCRIPTION SOURCE

Esri

\* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

*Hide Field FID ▲*

#### FIELD TRACT ►

\* ALIAS TRACT

\* DATA TYPE Double

\* WIDTH 11

\* PRECISION 10  
 \* SCALE 2  
 FIELD DESCRIPTION  
 2010 Census census tract code

DESCRIPTION SOURCE  
 U.S. Census Bureau

[Hide Field TRACT ▲](#)

#### FIELD Shape ►

\* ALIAS Shape  
 \* DATA TYPE Geometry  
 \* WIDTH 0  
 \* PRECISION 0  
 \* SCALE 0

FIELD DESCRIPTION  
 Feature geometry.

DESCRIPTION SOURCE  
 ESRI

DESCRIPTION OF VALUES Coordinates defining the features.

[Hide Field Shape ▲](#)

#### FIELD SHAPE\_Area ►

\* ALIAS SHAPE\_AREA  
 \* DATA TYPE Double  
 \* WIDTH 19  
 \* PRECISION 0  
 \* SCALE 0

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 ▲](#)

#### FIELD SHAPE\_LEN ►

\* ALIAS SHAPE\_LEN  
 \* DATA TYPE Double  
 \* WIDTH 19  
 \* PRECISION 0  
 \* SCALE 0

[Hide Field SHAPE\\_LEN ▲](#)

[Hide Details for object CENSUS\\_TRACTS\\_2010 ▲](#)

#### OVERVIEW DESCRIPTION ►

ENTITY AND ATTRIBUTE OVERVIEW The Census tracts dataset comprises the following fields: TRACT -

2010 Census census tract code

[Hide Overview Description ▲](#)

[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 2015-01-15

### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
 METADATA STYLE ISO 19139 Metadata Implementation Specification  
 STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2014-10-06 10:35:15  
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2015-01-15 15:12:48

### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
 LAST UPDATE 2015-01-15 15:12:48

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

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

### 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](mailto:geo.tiger@census.gov)

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Thumbnail and Enclosures ▶

THUMBNAIL

THUMBNAIL TYPE    JPG

*Hide Thumbnail and Enclosures ▲*

## FGDC Metadata (read-only) ▼