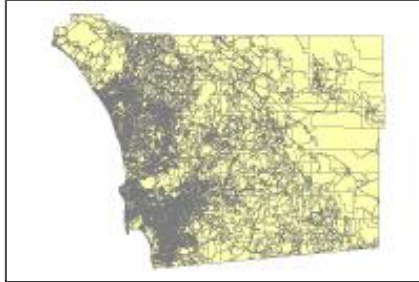# CENSUS_BLOCKS_2010

Tags
Census Blocks, TIGER, demographic boundaries, San Diego County

Summary:

Polygons representing 2010 US census blocks for the County of San Diego. Based on data provided by the US Census Bureau. This data may be edited by SANDAG and/or SanGIS to match local boundary datasets.

Feature Type: Polygon

Number of Records: 39931

Publication Date: 2014-01-01

Date of Data (Temporal Period Extent): 2010-01-01 to 2010-07-01

Extent: County of San Diego

Extent in Longitude Latitude

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

Extent in the item's coordinate system

North 2129760.000000
West 6150763.738000   **East** 6613437.000000
South 1775304.094000

Description:

This dataset comprises 2010 census blocks as polygons for the County of San Diego. A census block is the smallest geographic unit used by the United States Census Bureau for the tabulation of 100-percent data (data collected from all houses, rather than a sample of houses). Census blocks are grouped into block groups, which are grouped into census tracts. There are on average about 39 blocks per block group. Blocks are typically bounded by streets, roads or creeks. In cities, a census block may correspond to a city block, but in rural areas where there are fewer roads, blocks may be limited by other features. The population by census blocks varies greatly.

Topologically Integrated Geographic Encoding and Referencing (TIGER) is a format used by the US Census Bureau to describe land attributes such as roads, buildings, rivers, and lakes, as well as areas such as census tracts. TIGER was developed to support and improve the Census Bureau's process of taking the Decennial Census. 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.

TIGER data was used as the basis for this Census Blocks dataset, which was then edited by SANDAG, and then further edited by SanGIS. TIGER blocks were adjusted to match local GIS data including parcels, municipal boundaries, and roads. Some blocks were merged with adjacent blocks. The ocean blocks were removed.

Credits:

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

Use Limitation:

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.

Topics and Keywords

Topic Categories: Boundaries Planning Cadastral Society

Themes:

Census Blocks, TIGER, demographic boundaries

Places:

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

Resource Details:

Status: Completed
Type: Vector
Update Frequency: As Needed
Next Update: Not specified

Spatial Reference System:

Type: Projected
Reference: GCS_North_American_1983
Projection: NAD_1983_StatePlane_California_VI_FIPS_0406_Feet

Identifier: 2230
Codespace: EPSG
Version: 7.11.2

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Distribution Ordering 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.

Fields:

Overview:
This dataset comprises the following fields:
BLOCK - 2010 Census Block Number
TRACT - 2010 Census census tract code

Citation:
Refer to http://www.census.gov/geo/maps-data/data/tiger.html for TIGER data

which is the original data used as a basis for this dataset.

FID   (OID)
Internal feature number.

SHAPE   (Geometry)
Feature geometry.

BLOCK   (Integer)
Census Block Number as assigned by the US Census Bureau

TRACT   (Double)
Census Tract number as assigned by the US Census Bureau. The census tract that this block falls within.

SHAPE_Area   (Double)
Area of feature in internal units squared.

SHAPE_LEN   (Double)

Metadata Last Update: 2015-04-03
Regional GIS Data Warehouse (RGDW) Publication Stylesheet 1.4