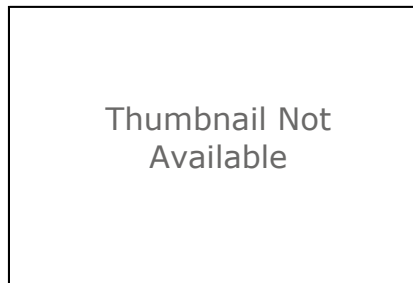


tl_2010_08_bg10

Shapefile



Tags

boundaries, State or equivalent entity, Polygon, Block Group, BG

Summary

In order for others to use the information in the Census MAF/TIGER database in a geographic information system (GIS) or for other geographic applications, the Census Bureau releases to the public extracts of the database in the form of TIGER/Line Shapefiles.

Description

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. Block Groups (BGs) are defined before tabulation block delineation and numbering, but are clusters of blocks within the same census tract that have the same first digit of their 4-digit census block number from the same decennial census. For example, Census 2000 tabulation blocks 3001, 3002, 3003,..., 3999 within Census 2000 tract 1210.02 are also within BG 3 within that census tract. Census 2000 BGs generally contained 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 (PSAP). The Census Bureau delineated BGs only where the PSAP participant declined to delineate BGs or where the Census Bureau could not identify any local PSAP 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 other geographic entities like county subdivisions, places, urban areas, voting districts, congressional districts, and American Indian / Alaska Native / Native Hawaiian areas. BGs have a valid code range of 0 through 9. BGs coded 0 were intended to only include water area, no land area, and they are generally in territorial seas, coastal water, and Great Lakes water areas. For Census 2000, rather than extending a census tract boundary into the Great Lakes or out to the U.S. nautical three-mile 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 these offshore, water-only areas not included in regularly numbered census tract areas.

Credits

There are no credits for this item.

Use limitations

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places, but the positional accuracy of these coordinates is not as great as the six decimal places suggest.

Extent

West -109.060256 **East** -102.040878
North 41.003444 **South** 36.992424

Scale Range

There is no scale range for this item.

ArcGIS Metadata ►

Topics and Keywords ►

* CONTENT TYPE Downloadable Data

Hide Topics and Keywords ▲

Citation ►

* TITLE tl_2010_08_bg10

PRESENTATION FORMATS * digital map

Hide Citation ▲

Resource Details ▼

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -109.060256

* EAST LONGITUDE -102.040878

* NORTH LATITUDE 41.003444

* SOUTH LATITUDE 36.992424

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -109.060256

* EAST LONGITUDE -102.040878

* SOUTH LATITUDE 36.992424

* NORTH LATITUDE 41.003444

* EXTENT CONTAINS THE RESOURCE Yes

Hide Extents ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Geographic
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * COORDINATE REFERENCE DETAILS
 - GEOGRAPHIC COORDINATE SYSTEM
 - WELL-KNOWN IDENTIFIER 4269
 - X ORIGIN -400
 - Y ORIGIN -400
 - XY SCALE 11258999068426.238
 - Z ORIGIN -100000
 - Z SCALE 10000
 - M ORIGIN -100000
 - M SCALE 10000
 - XY TOLERANCE 8.9831528411952133e-009
 - Z TOLERANCE 0.001
 - M TOLERANCE 0.001
 - HIGH PRECISION true
 - LEFT LONGITUDE -180
 - LATEST WELL-KNOWN IDENTIFIER 4269
 - WELL-KNOWN TEXT 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],AUTHORITY["EPSG",4269]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 4269
- * CODESPACE EPSG
- * VERSION 7.11.2

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME tl_2010_08_bg10
- * OBJECT TYPE composite
- * OBJECT COUNT 3532

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME tl_2010_08_bg10
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 3532
* SPATIAL INDEX FALSE
* LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Distribution ▶

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 19.924

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT tl_2010_08_bg10 ▶

* TYPE Feature Class
* ROW COUNT 3532

DEFINITION

2010 Census Block Group State-based

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 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 STATEFP10 ►

- * ALIAS STATEFP10
- * DATA TYPE String
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

2010 Census state Federal Information Processing Standards
(FIPS) codes

DESCRIPTION SOURCE

U.S. Census Bureau

CODED VALUES

NAME OF CODELIST INCITS.38-200x (R2004), Codes for the Identification of the States, the District of Columbia, Puerto Rico, and the Insular Areas of the United States (Formerly FIPS 5-2)
SOURCE U.S. Census Bureau

Hide Field STATEFP10 ▲

FIELD COUNTYFP10 ►

- * ALIAS COUNTYFP10
- * DATA TYPE String
- * WIDTH 3
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

2010 Census county Federal Information Processing Standards
(FIPS) code

DESCRIPTION SOURCE

U.S. Census Bureau

CODED VALUES

NAME OF CODELIST INCITS.31-200x (R2007), Codes for the Identification of the Counties and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas of the United States (Formerly FIPS 6-4)
SOURCE U.S. Census Bureau

Hide Field COUNTYFP10 ▲

FIELD TRACTCE10 ►

- * ALIAS TRACTCE10
- * DATA TYPE String

- * WIDTH 6
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

2010 Census census tract code

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE 000000

DESCRIPTION Water tract in some coastal and Great Lakes water and territorial sea

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census

VALUE 000100 to 998999

DESCRIPTION Census tract number

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

Hide Field TRACTCE10 ▲

FIELD BLKGRPCE10 ►

- * ALIAS BLKGRPCE10
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

2010 Census block group number

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE 0

DESCRIPTION Water block group

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

VALUE 1 to 9

DESCRIPTION Census 2000 block group code

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

Hide Field BLKGRPCE10 ▲

FIELD GEOID10 ►

- * ALIAS GEOID10
- * DATA TYPE String
- * WIDTH 12
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Census block group identifier; a concatenation of 2010 Census state Federal Information Processing Standards (FIPS) code, county FIPS code, census tract code, and block group number

DESCRIPTION SOURCE

U.S. Census Bureau

CODED VALUES

NAME OF CODELIST INCITS.38-200x (R2004), Codes for the Identification of the States, the District of Columbia, Puerto Rico, and the Insular Areas of the United States (Formerly FIPS 5-2), INCITS.31-200x (R2007), Codes for the Identification of the Counties and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas of the United States (Formerly FIPS 6-4) and the tract code that appears in TRACTCE10 and the census block group number that appears in BLKGRPCE10

SOURCE U.S. Census Bureau

Hide Field GEOID10 ▲

FIELD NAMELSAD10 ►

* **ALIAS** NAMELSAD10

* **DATA TYPE** String

* **WIDTH** 13

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

2010 Census translated legal/statistical area description and the block group number

DESCRIPTION SOURCE

U.S. Census Bureau

DESCRIPTION OF VALUES Refer to the block group number that appears in BLKGRPCE00 and translated legal/statistical area description code BG, Block Group

Hide Field NAMELSAD10 ▲

FIELD MTFCC10 ►

* **ALIAS** MTFCC10

* **DATA TYPE** String

* **WIDTH** 5

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

MAF/TIGER feature class code

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE G5030

DESCRIPTION Block Group

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

Hide Field MTFCC10 ▲

FIELD FUNCSTAT10 ►

* **ALIAS** FUNCSTAT10

* **DATA TYPE** String

* **WIDTH** 1

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

2010 Census 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 FUNCSTAT10 ▲*FIELD **ALAND10** ►

* ALIAS ALAND10

* DATA TYPE Double

* WIDTH 14

* PRECISION 14

* SCALE 0

FIELD DESCRIPTION

2010 Census land area (square meters)

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE 0 to 9,999,999,999,999

DESCRIPTION Blank

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

*Hide Field ALAND10 ▲*FIELD **AWATER10** ►

* ALIAS AWATER10

* DATA TYPE Double

* WIDTH 14

* PRECISION 14

* SCALE 0

FIELD DESCRIPTION

2010 Census water area (square meters)

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE 0 to 9,999,999,999,999

DESCRIPTION Blank

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

*Hide Field AWATER10 ▲*FIELD **INTPTLAT10** ►

* ALIAS INTPTLAT10

* DATA TYPE String

* WIDTH 11

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

2010 Census latitude of the internal point

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE 00

DESCRIPTION Blank

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

Hide Field INTPTLAT10 ▲

FIELD INTPTLON10 ►

* ALIAS INTPTLON10

* DATA TYPE String

* WIDTH 12

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

2010 Census longitude of the internal point

DESCRIPTION SOURCE

U.S. Census Bureau

LIST OF VALUES

VALUE 00

DESCRIPTION Blank

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Census Bureau

*Hide Field INTPTLON10 ▲**Hide Details for object tl_2010_08_bg10 ▲**Hide Fields ▲***Metadata Details ►**

* METADATA LANGUAGE English (UNITED STATES)

* METADATA CHARACTER SET 8859part1 - Latin alphabet No. 1

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2013-03-04

ARCGIS METADATA PROPERTIES

METADATA FORMAT ESRI-ISO

LAST MODIFIED IN ARCGIS FOR THE ITEM 2013-03-04 09:20:48

AUTOMATIC UPDATES

LAST UPDATE 2013-03-04 09:20:48

*Hide Metadata Details ▲***FGDC Metadata (read-only) ▼**