tl_2010_08_bg10

Shapefile

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Thumbnail Not
Available
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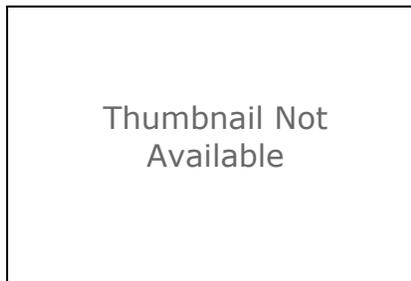## Tags
boundaries, State or equivalent entity, Polygon, Block Group, BG

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
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.

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
      The TIGER/Line Shapefile products are not copyrighted however TIGER/Line and Census

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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) ▼