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**

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<tbody>
<tr>
<td>East</td>
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<tr>
<td>North</td>
<td>41.003444</td>
</tr>
<tr>
<td>South</td>
<td>36.992424</td>
</tr>
</tbody>
</table>

**Scale Range**

There is no scale range for this item.

**ArcGIS Metadata**

**Topics and Keywords**

- *CONTENT TYPE*  Downloadable Data

**Citation**

- *TITLE*  tl_2010_08_bg10

**PRESENTATION FORMATS**

- *digital map*

**Resource Details**

**Extents**

**EXTENT**

**GEOGRAPHIC EXTENT**

**BOUNDING RECTANGLE**

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<tr>
<th>Extent Type</th>
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<tbody>
<tr>
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</tr>
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<td>Yes</td>
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</table>

**EXTENT IN THE ITEM’S COORDINATE SYSTEM**

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</table>

**Resource Constraints**

**CONSTRAINTS**

**LIMITATIONS OF USE**

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**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** -30000
  **Z SCALE** 10000
  **M ORIGIN** -10000
  **M SCALE** 10000
  **XY TOLERANCE** 8.9831528411952133e-009
  **Z TOLERANCE** 0.001
  **M TOLERANCE** 0.001
  **HIGH PRECISION** true
  **LEFT LONGITUDE** -180

**REFERENCE SYSTEM IDENTIFIER**
  **VALUE** 4269
  **CODESPACE** EPSG
  **VERSION** 7.11.2

**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
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.

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

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

FIELD TRACTCE10 ►
* ALIAS TRACTCE10
* DATA TYPE String
FIELD TRACTCE10

* 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

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

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

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

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

FIELD FUNCSTAT10

* ALIAS FUNCSTAT10
* DATA TYPE String
* WIDTH 1
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
2010 Census functional status
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 S
DESCRIPTION Statistical entity
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
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 INTPTLAT10

Hide Details for object tl_2010_08_bg10

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

FGDC_METADATA (read-only)