TIGER/Line Shapefile, 2009, state, Mississippi, Current Block State-based

Type   Shapefile

Tags   28, boundaries, State or Equivalent Entity, Mississippi, Census Block, State or equivalent entity, U.S., United States, MS, Block, Polygon

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 Shapefiles are an extract of selected geographic and cartographic information from the Census MAF/TIGER database. The Census MAF/TIGER database represents a seamless national file with no overlaps or gaps between parts. However, each TIGER/Line Shapefile is designed to stand alone as an independent data set or the shapefiles can be combined to cover the whole nation.

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   -91.737508   East   -88.095839

North 35.005536   South 30.139022

Scale Range

There is no scale range for this item.

Topics and Keywords ▶

Themes or categories of the resource   Boundaries

Content type   ⇔ Downloadable Data

Theme keywords   Census Block, State or equivalent entity, Block, Polygon

Theme keywords   boundaries

Thesaurus ▶
Title   ISO 19115 Topic Categories

Place keywords   28, State or Equivalent Entity, Mississippi, U.S., United States, MS

Thesaurus ▶
Title   INCITS.38-200x (R2004),INCITS.31-200x (R2007),INCITS.454-200x,INCITS 455-200x,INCITS 446-2008

Citation ▶
Title   TIGER/Line Shapefile, 2009, state, Mississippi, Current Block State-based
Publication date   2009-01-01

Edition   2009

Presentation formats   digital map
FGDC geospatial presentation format   vector digital data

Citation Contacts ▶
Responsible party - originator
 Organization's name   U.S. Department of Commerce, U.S. Census Bureau, Geography Division

Resource Details ▶
Dataset languages   English (UNITED STATES)

Status   completed
Spatial representation type   vector

Processing environment   ⇔ Version 6.2 (Build 9200) ; Esri ArcGIS 10.9.1.28388

ArcGIS item properties
Name   ⇔ MS_CENSUSBlocks_2010
Size   ⇔ 232.927
Location
⇔ file://\\10.10.17.25\data1\MARISdata\Census\MS_CENSUSBlocks_2010\MS_CENSUSBlocks_2010.shp
Access protocol   ⇔ Local Area Network

Extents ▶
Extent
Description
Publication Date

Temporal extent
Beginning date   2009-01-01

Ending date   2009-05-01

Extent
Geographic extent
Bounding rectangle
West longitude   -91.655009
East longitude   -88.097888
South latitude   30.146096
North latitude   34.996099

Extent
Geographic extent
Bounding rectangle
Extent type
Extent used for searching
West longitude   ⇔ -91.737508
East longitude   ⇔ -88.095839
North latitude   ⇔ 35.005536
South latitude   ⇔ 30.139022
Extent contains the resource   ⇔ Yes

Extent in the item's coordinate system
westBL   ⇔ 318558.009746
eastBL   ⇔ 650997.953624
southBL   ⇔ 1039767.637839
northBL   ⇔ 1577862.780447
exTypeCode   ⇔ Yes

Resource Points of Contact ▶

Point of contact - point of contact
Organization's name   U.S. Department of Commerce, U.S. Census Bureau, Geography Division, Geographic Products Branch

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

Resource Maintenance ▶

Resource maintenance

Resource Constraints ▶

Legal constraints

Limitations of use

No warranty, expressed or implied is made with regard to the accuracy of these data, and no liability is assumed by the U.S. Government in general or the U.S. Census Bureau in specific as to the spatial or attribute accuracy of the data. The act of distribution shall not constitute any such warranty and no responsibility is assumed by the U.S. government in the use of these files. The boundary information in the TIGER/Line Shapefiles is for statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes do not constitute a determination of jurisdictional authority or rights of ownership or entitlement and they are not legal land descriptions.

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.

Spatial Reference ▶

ArcGIS coordinate system

Type ⇔ Projected

Geographic coordinate reference ⇔ GCS_North_American_1983

Projection ⇔ mstm

Coordinate reference details ⇔

ProjectedCoordinateSystem

XOrigin -5122200

YOrigin -12297100

XYScale 450339697.45066422

ZOrigin -100000

ZScale 10000

MOrigin -100000

MScale 10000

XYTolerance 0.001

ZTolerance 0.001

MTolerance 0.001

HighPrecision true

WKT

PROJCS["mstm",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174

532925199433]],PROJECTION["Transverse_Mercator"],PARAMETER["False_Easting",500000.0],PARAMETER["False_Northing",1300000.0],PARAMETER["Central_Meridian",-89.75],PARAMETER["Scale_Factor",0.9998335],PARAMETER["Latitude_Of_Origin",32.5],UNIT["Meter",1.0]]

Reference system identifier

Value   ⇔ 0

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   MS_CENSUSBlocks_2010

Object type   ⇔ composite

Object count   ⇔ 170167

ArcGIS Feature Class Properties ▶

Feature class name   MS_CENSUSBlocks_2010

Feature type   ⇔ Simple

Geometry type   ⇔ Polygon

Has topology   ⇔ FALSE

Feature count   ⇔ 170167

Spatial index   ⇔ TRUE

Linear referencing   ⇔ FALSE

Data Quality ▶

Scope of quality information ▶

Resource level   dataset

Data quality report - Conceptual consistency   ▶

Data quality measure reference

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.

Data quality report - Completeness omission ▶

Data quality measure reference
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.

Data quality report - Quantitative attribute accuracy ▶

Data quality measure reference
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.

Lineage ▶

Process step ▶

When the process occurred   2009-01-01
Description
TIGER/Line Shapefiles are extracted from the Census MAF/TIGER database by nation, state, county, and entity. Census MAF/TIGER data for the nation, state, county, and entity are then distributed among 58 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

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 - originator
Organization's name   U.S. Department of Commerce, U.S. Census Bureau, Geography Division

    Extent of the source data
Description
Publication Date

Temporal extent
Beginning date   2009-01-01
Ending date   2009-05-01

Distribution ►

Distributor ►

Contact information - distributor
Organization's name   U.S. Department of Commerce, U.S. Census Bureau, Geography Division,
Geographic Products Branch

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
    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.

Transfer options
Online source
Online location (URL)   http://www.census.gov/geo/www/tiger

Transfer options
Medium of distribution
How data is written   iso9660 (CD-ROM)

Distribution format

Name   ⇔ Shapefile

Transfer options

Transfer size   ⇔ 232.927

Online source
Online location (URL)   http://www.census.gov/geo/www/tiger

Fields ▶

Details for
object MS_CENSUSBlocks_2010 ▶

Type   ⇔ Feature Class
Row count   ⇔ 170167
Definition
Current Block 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.

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 STATEFP ►

Alias ⇔ STATEFP
Data type ⇔ String
Width ⇔ 2
Precision ⇔ 0
Scale ⇔ 0

Field description

Current state Federal Information Processing Standards (FIPS) code

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 STATENS ►

Alias ⇔ STATENS
Data type ⇔ String
Width ⇔ 8
Precision ⇔ 0
Scale ⇔ 0

Field description

Current state ANSI code

Description source

U.S. Census Bureau

Coded values
Name of codelist   INCITS 446-2008, (GNIS) Identifying Attributes for Named Physical and Cultural Geographic Features (Except Roads and Highways) of the United States, Its Territories, Outlying Areas, and Freely Associated Areas, and the Waters of the Same to the Limit of the Twelve-Mile Statutory Zone
Source   U.S. Geological Survey (USGS)

Field COUNTYFP ▶

Alias   ⇔ COUNTYFP
Data type   ⇔ String
Width   ⇔ 3
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Current 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 STATEFP00 ▶

Alias   ⇔ STATEFP00
Data type   ⇔ String
Width   ⇔ 2
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Census 2000 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 COUNTYFP00 ▶

Alias   ⇔ COUNTYFP00
Data type   ⇔ String
Width   ⇔ 3

Precision   ⇔ 0
Scale   ⇔ 0

Field description
Census 2000 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 TRACTCE00 ▶

Alias   ⇔ TRACTCE00
Data type   ⇔ String
Width   ⇔ 6
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Census 2000 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 BLOCKCE00 ▶

Alias   ⇔ BLOCKCE00
Data type   ⇔ String
Width   ⇔ 4
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Census 2000 tabulation block number

Description source

U.S. Census Bureau

List of values
Value   0001 to 9999
Description   tabulation block number
Enumerated domain value definition source   U.S. Census Bureau

Field SUFFIX1CE ▶

Alias   ⇔ SUFFIX1CE
Data type   ⇔ String
Width   ⇔ 1
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Current census block suffix 1

Description source
U.S. Census Bureau

List of values
Value   A to Z
Description   Current census block suffix 1
Enumerated domain value definition source   U.S. Census Bureau

Field BLKIDFP ▶

Alias   ⇔ BLKIDFP
Data type   ⇔ String
Width   ⇔ 17
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Current block identifier; a concatenation of Census 2000 state Federal Information Processing Standards (FIPS) code, Census 2000 county FIPS code, Census 2000 census tract code, Census 2000 tabulation block number, and current block suffix 1.

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), the tract number that appears in TRACTCE00 and the tabulation block number that appears in BLOCKCE00
Source   U.S. Census Bureau

Field NAME ►

Alias ⇔ NAME
Data type ⇔ String
Width ⇔ 11
Precision ⇔ 0
Scale ⇔ 0

Field description
Current tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix 1

Description source
U.S. Census Bureau

Description of values
Refer to the tabulation block number that appears in BLOCKCE00, and the current block suffix that appears in SUFFIX1CE

Field MTFCC ►

Alias ⇔ MTFCC
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 G5040
Description Tabulation Block
Enumerated domain value definition source U.S. Census Bureau

Field UR ►

Alias ⇔ UR
Data type ⇔ String
Width ⇔ 1
Precision ⇔ 0
Scale ⇔ 0

Field description
Corrected Census 2000 urban/rural indicator

Description source

U.S. Census Bureau

List of values
Value   M
Description   Mixed - part of the land area is classified as urban and part is classified as rural
Enumerated domain value definition source   U.S. Census Bureau

Value   N
Description   Not Applicable (water-only and international areas)
Enumerated domain value definition source   U.S. Census Bureau

Value   R
Description   Area is classified as rural
Enumerated domain value definition source   U.S. Census Bureau

Value   U
Description   Area is classified as urban
Enumerated domain value definition source   U.S. Census Bureau

Field UACE ▶

Alias   ⇔ UACE
Data type   ⇔ String
Width   ⇔ 5
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Corrected Census 2000 urban area code

Description source
U.S. Census Bureau

List of values
Value   00001 to 98999
Description   Urban Area Code
Enumerated domain value definition source   U.S. Census Bureau

Field FUNCSTAT ▶

Alias   ⇔ FUNCSTAT
Data type   ⇔ String
Width   ⇔ 1
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Current 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

Field ALAND ▶

Alias   ⇔ ALAND
Data type   ⇔ Double
Width   ⇔ 14
Precision   ⇔ 14
Scale   ⇔ 0

Field description
Current land area

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

Field AWATER ▶

Alias   ⇔ AWATER
Data type   ⇔ Double
Width   ⇔ 14
Precision   ⇔ 14
Scale   ⇔ 0

Field description
Current water area

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

Field INTPTLAT ▶

Alias   ⇔ INTPTLAT
Data type   ⇔ String
Width   ⇔ 11
Precision   ⇔ 0

Scale   ⇔ 0

Field description
Current 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

Field INTPTLON ▶

Alias   ⇔ INTPTLON
Data type   ⇔ String
Width   ⇔ 12
Precision   ⇔ 0
Scale   ⇔ 0

Field description
Current 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

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   ⇔ 2022-06-03

ArcGIS metadata properties
Metadata format   ArcGIS 1.0

Created in ArcGIS for the item   2010-07-14   14:04:34

Last modified in ArcGIS for the item   2022-06-03   08:25:13

Automatic updates
Have been performed   Yes
Last update   2022-06-03   08:25:13

Metadata Contacts ▶

Metadata contact - point of contact

Organization's name   U.S. Department of Commerce, U.S. Census Bureau, Geography Division, Geographic Products Branch

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

Thumbnail and Enclosures ▶

Enclosure

Enclosure type
File
    Description of enclosure   original metadata
    Original metadata document, which was translated   yes
    Source metadata format   fgdc