2008 Census Dress Rehearsal ESRI Shapefiles

A shapefile, as defined by the Environmental Systems Research Institute (ESRI), is a vector data storage format for storing the location, shape, and attributes of geographic features. A shapefile is stored in a set of related files and contains one feature class.

HOW WERE THESE SHAPEFILES CREATED?

The 2008 Census Dress Rehearsal ESRI Shapefiles were created from the Census Bureau's TIGER (Topologically Integrated Geographic Encoding and Referencing system) database of selected geographic and cartographic information. TIGER was developed at the Census Bureau to support the mapping and related geographic activities required by the decennial and economic censuses and sample survey programs. The 2008 Census Dress Rehearsal ESRI Shapefiles consist of the following four files for each data type:

   .shp - the file that stores the feature geometry
   .shx - the file that stores the index of the feature geometry
   .dbf - the dBASE, or database, file that stores the attribute information of
            features
   .prj - the file that stores the coordinate system information

WHAT IS IN THE SHAPEFILES?

The following is the list of Geographic files included 2008 Census Dress Rehearsal ESRI Shapefiles product. (Note: In the shapefile names, <ST> stands for the two-digit Federal Information Processing Standards (FIPS) State code, and <COU> stands for the three-digit FIPS County Code.)

The Shapefiles
1. County Boundary Shapefile
2. American Indian Areas (AIA) Shapefile
3. American Indian Tribal Subdivision (AITS) Shapefile
4. Consolidated City Shapefile
5. Minor Civil Division (MCD) Shapefile
6. Incorporated Place Shapefile
7. Area Landmark Shapefile
8. Census Tract Shapefile
9. Census Block Shapefile
10. Hydrography - area Shapefile
11. All Lines Shape-file

The Associated Database Files
1. Feature Names Table
2. Address Range Table

The SHAPEFILE *.PRJ

Shapefiles

1. County Boundary Shapefile

The shapefile name is: LUCA_<ST><COU>_County
The following is the county boundary attribute table layout:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
COU_NAME	30	String	Current county name
CHNG_TYPE	2	String	Type of area update (filled by participant for digital boundary updates)
EFF_DATE	8	String	Effective date for boundary change (filled by participant for digital boundary updates)
LEGAL_DOC	20	String	Legal document to support change (filled by participant for digital boundary updates)
OFFSET	10	String	Geographic corridor or offset distance (filled by participant for digital boundary updates)
AREA	10	Double	Acreage of annexation (filled by participant for digital boundary updates)

2. American Indian Areas (AIA) Shapefile
The shapefile name is: LUCA_<ST><COU>_AIA
The following is the American Indian Areas attribute table layout:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
AIA	5	String	Current American Indian Area FIPS code
AIACE	4	String	Current American Indian Area census code
AITLI	1	String	Current American Indian Trust Land Indicator
AIA_NAME	90	String	Current American Indian Area name
CHNG_TYPE	2	String	Type of area update (filled by participant for digital boundary updates)
EFF_DATE	8	String	Effective date for boundary change (filled by participant for digital boundary updates)
LEGAL_DOC	20	String	Legal document to support change (filled by participant for digital boundary updates)
OFFSET	10	String	Geographic corridor or offset distance (filled by participant for digital boundary updates)
AREA	10	Double	Acreage of boundary change (filled by participant for digital boundary updates)

3. American Indian Tribal Subdivision (AITS) Shapefile
The shapefile name is: LUCA_<ST><COU>_AITS
The following is the American Indian Tribal Subdivision attribute table layout:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
AIA	5	String	Current American Indian Area FIPS code
AIACE	4	String	Current American Indian Area census code
AITS	5	String	Current American Indian Tribal Subdivision FIPS
AITSCE	3	String	Current American Indian Tribal Subdivision Census code
AITS_NAME	90	String	Current American Indian Tribal Subdivision name
CHNG_TYPE	2	String	Type of area update (filled by participant for digital boundary updates)
EFF_DATE	8	String	Effective date for boundary change (filled by participant for digital boundary updates)
LEGAL_DOC	20	String	Legal document to support change (filled by participant for digital boundary updates)
OFFSET	10	String	Geographic corridor or offset distance (filled by participant for digital boundary updates)
AREA	10	Double	Acreage of boundary change (filled by participant for digital boundary updates)

4. Consolidated City Shapefile
The shapefile name is: LUCA_<ST><COU>_CCity
The following is consolidated city attribute table layout:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
CONCITY	5	String	Current consolidated city FIPS code
CC_Name	90	String	Current consolidated city name
CHNG_TYPE	2	String	Type of area update (filled by participant for digital boundary updates)
EFF_DATE	8	String	Effective date for boundary change (filled by participant for digital boundary updates)
LEGAL_DOC	20	String	Legal document to support change (filled by participant for digital boundary updates)
OFFSET	10	String	Geographic corridor or offset distance (filled by participant for digital boundary updates)
AREA	10	Double	Acreage of annexation (filled by participant for digital boundary updates)

5. Minor Civil Division (MCD) Shapefile
The shapefile name is: LUCA_<ST><COU>_MCD
The following is the MCD boundary attribute table layout:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
MCD	5	String	Current MCD FIPS
MCD_NAME	90	String	Current MCD name
CHNG_TYPE	2	String	Type of area update (filled by participant for digital boundary updates)
EFF_DATE	8	String	Effective date for boundary change (filled by participant for digital boundary updates)
LEGAL_DOC	20	String	Legal document to support change (filled by participant for digital boundary updates)
OFFSET	10	String	Geographic corridor or offset distance (filled by participant for digital boundary updates)
AREA	10	Double	Acreage of annexation (filled by participant for digital boundary updates)

6. Incorporated Place Shapefile

The shapefile name is: LUCA_<ST><COU>_Place
The following is the incorporated place boundary attribute table layout:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
PLACE	5	String	Current place FIPS
PLC_NAME	90	String	Current place name
CHNG_TYPE	2	String	Type of area update (filled by participant for digital boundary updates)
EFF_DATE	8	String	Effective date for boundary change (filled by participant for digital boundary updates)
LEGAL_DOC	20	String	Legal document to support change (filled by participant for digital boundary updates)
OFFSET	10	String	Geographic corridor or offset distance (filled by participant for digital boundary updates)
AREA	10	Double	Acreage of annexation (filled by participant for digital boundary updates)

7. Area Landmark Shapefile

The shapefile name is: LUCA_<ST><COU>_AreaLndk
The following is the area landmark attribute table layout:

Field	Length	Type	Description
LNDK_CFCC	3	String	Area landmark Census Feature Class Code (CFCC)
LNDK_CFCC 1	1	String	First character of area landmark CFCC
LNDK_NAME	90	String	Primary area landmark name

8. Census Tract Shapefile

The shapefile name is: LUCA_<ST><COU>_Tract
The following is the census tract attribute table layout:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
TRACT	6	String	Current census tract code
GEOID	11	String	Combined State, County, and Tract Codes

9. Census Block Shapefile
The shapefile is: LUCA_<ST><COU>_Block
The following is the census block attribute table layout:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
TRACT	6	String	Current census tract code
BLOCKCU	4	String	Current census block base code
BLOCKCUSUF	1	String	Current census block (suffix) code
GEOID	16	String	Combined State, County, and Tract Codes

10. Hydrography - area Shapefile
The shapefile name is: LUCA_<ST><COU>_HydroArea
The following is the hydrography area attribute table:

Field	Length	Type	Description
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
HYDRO_CFCC	3	String	Census Feature Classification Code
HYDRO_NAME	120	String	Current hydrography area name
CHNG_TYPE	2	String	Type of area update (filled by participant)
AREA	10	Double	Acreage of annexation (filled by participant for digital boundary updates)
RELATE	120	String	Relationship description (filled by participant for digital boundary updates)

11. All Lines Shapefile
The shapefile name is: LUCA_<ST><COU>_AllLines
The following is the all lines attribute table layout:

Field	Length	Type	Description
TLID	10	Integer	TIGER\Line ID
CFCC	3	String	Feature CFCC
CFCC1	1	String	First character of feature CFCC
FIDELITY	1	Integer	Shape Fidelity Flag
FENAME	90	String	Feature name
CHNG_TYPE	2	String	Type of Digital BAS linear update (filled by participant)

Associated Database Files

1. Feature Names Table
The file name is: LUCA_<ST><COU>_Roadnames.dbf
The following is the feature names table layout:

Field	Length	Type	Description
TLID	10	Integer	TIGER\Line ID
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
FEDIRP	2	String	Feature Direction, Prefix
FETYPP	2	String	Feature Type, Prefix
FENAME	30	String	Feature Name
FETYPS	4	String	Feature Type, Suffix
FEDIRS	2	String	Feature Direction, Suffix

2. Address Range Table
The file name is: LUCA_<ST><COU>_AddressRanges.dbf
The following is the address range table layout:

Field	Length	Type	Description
TLID	10	Integer	TIGER\Line ID
STATE	2	String	Current state FIPS code
COUNTY	3	String	Current county FIPS code
FRADDL	11	String	Start Address, Left
TOADDL	11	String	End Address, Left
FRADDR	11	String	Start Address, Right
TOADDR	11	String	End Address, Right
ZIPL	5	String	ZIP Code, left
ZIPR	5	String	ZIP Code, right
ZIP4L	4	String	ZIP+4 Code, Left
ZIP4R	4	String	ZIP+4 Code, Right

SHAPEFILE *.PRJ

Every shape-file produced contains an associated projected (PRJ) file. The PRJ
is a simple text file that stores coordinate system/projection information for each
shape-file enabling users to easily import the shape-files into their local
coordinate system.
GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SP
HEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0]
,UNIT["Degree",0.0174532925199433]]