

October 2009

U.S. CENSUS BUREAU
2010 Census New Construction Program 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 2010 Census New Construction Program ESRI Shapefiles created from the Census Bureau's TIGER (Topologically Integrated Geographic Encoding and Referencing) 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 2010 Census LUCA 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?

Below is the list of Geographic files included in the 2010 Census LUCA ESRI Shapefiles product for shapefile participants and participants using the MAF/TIGER Partnership Software (MTPS): (Note: In the File names <ST> stands for the two digit FIPS State code and <COU>stands for the three digit FIPS County Code.)

****Note - Not all shapefiles are clipped to the county. The following six (6) shapefiles are not clipped at the county level:****

1. Alaska Native Regional Corporations (ANRC)
2. American Indian Areas (AIA)
3. American Indian Tribal Subdivision Legal (AITSL)
4. American Indian Tribal Subdivision Statistical (AITSS)
5. Hawaiian Home Lands(HHL)
12. Incorporated Places(Place)

DATA DICTIONARY

1. Alaska Native Regional Corporations (ANRC) Shapefile: The shapefile name is luca_2010_anrc_<ST><COU>.shp. The following is the Alaska Native Regional Corporations attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current Federal Information Processing Standards(FIPS)State code
COUNTYFP	3	String	Current county FIPS code
ANRCFP	5	String	Current ANRC FIPS code

ANRCCE	2	String	Current Census ANRC code
NAMELSAD	100	String	ANRC Name with translated legal/statistical

area description
(LSAD)

LSAD	2	String	Legal/Statistical area description
AIANNHNS	8	String	ANSI numeric identifier for AIANNH Areas
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
PARTFLG	1	String	Part flag indicator
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
DOCU	120	String	Supporting documentation (filled by participant)
FORM_ID	4	String	Record ID for any boundary update - calculated &

populated by MAF/TIGER

Partnership Software (MTPS) - Used
for MTPS only.

Area	10	Number	Acreage of area update - calculated and populated by
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the MTPS; for MTPS
users only

Relate	120	String	Relationship description (filled by participant)
Name	100	String	ANRC name
Vintage	2	String	Vintage of the data
AIANNHFSR	1	String	Flag indicating level of recognition of an

American Indian,
Alaska Native, or Native Hawaiian
tribe or group

2. American Indian Areas (AIA) Shapefile: The shapefile name is
luca_2010_aial_<ST><COU>.shp. The following is the American Indian
Areas attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
AIANNHCE	4	String	Current American Indian (AIANNH) Area FIPS code
COMPTYP	1	String	Indicates if a reservation or equivalent ('R')

or off-reservation
trust land ('T') is present, or
both

AIANNHFSR	1	String	Flag indicates level of recognition of an American
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Indian, Alaska
Native, or Native Hawaiian tribe or
group

NAMELSAD	100	String	Name with translated LSAD
AIANNHNS	8	String	ANSI numeric identifier for AIANNH Areas
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
PARTFLG	1	String	Part flag indicator
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
DOCU	120	String	Supporting documentation (filled by participant)
FORM_ID	4	String	Record ID for any boundary update - calculated &

populated by MAF/TIGER

Partnership Software (MTPS) - Used for MTPS only.

Area	10	Number	Acreage of area update - calculated and populated by the MTPS; for MTPS users only
Relate	120	String	Relationship description (filled by participant)
Name	100	String	ANRC name
Vintage	2	String	Vintage of the data

3. American Indian Tribal Subdivision Legal (AITSL) Shapefile: The shapefile name is luca_2010_aitsl_<ST><COU>.shp. The following is the American Indian Tribal Subdivision (Legal) attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
AIANNHCE	4	String	Current American Indian (AIANNH) Area FIPS code
TRIBSUBCE	3	String	Census Tribal Subdivision code
NAMELSAD	100	String	Name with translated LSAD
AIANNHNS	8	String	ANSI numeric identifier for AIANNH Areas
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
PARTFLG	1	String	Part flag indicator
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
DOCU	120	String	Supporting documentation (filled by participant)
FORM_ID	4	String	Record ID for any boundary update - calculated &

populated by MAF/TIGER

Partnership Software (MTPS) - Used
for MTPS only.

Area	10	Number	Acreeage of area update - calculated and populated by the MTPS; for MTPS users only
Relate	120	String	Relationship description(filled by participant)
Name	100	String	ANRC name
Vintage	2	String	Vintage of the data
AIANNHFSR	1	String	Flag indicates level of recognition of an American Indian, Alaska Native, or Native Hawaiian tribe or group

4. American Indian Tribal Subdivision Statistical (AITSS) Shapefile:
The shapefile name is luca_2010_aitss_<ST><COU>.shp. The following is the American Indian Tribal Subdivision (Statistical) attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
AIANNHCE	4	String	Current American Indian(AIANNH) Area FIPS code
TRIBSUBCE	3	String	Census Tribal Subdivision code
NAMELSAD	100	String	Name with translated LSAD
AIANNHNS	8	String	ANSI numeric identifier for AIANNH Areas
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
PARTFLG	1	String	Part flag indicator
CHNG_TYPE	2	String	Type of area update(filled by participant)
EFF_DATE	8	String	Effective date or vintage(filled by participant)
Relate	120	String	Relationship description(filled by participant)
Name	100	String	American Indian Tribal Subdivision Statistical name
Vintage	2	String	Vintage of the data
AIANNHFSR	1	String	Flag indicates level of recognition of an American Indian, Alaska Native, or Native Hawaiian tribe or group

5. Hawaiian Home Lands(HHL) Shapefile: The shapefile name is luca_2010_hhl_<ST><COU>.shp. The following is the Hawaiian Home Lands attribute table layout:

Field	Length	Type	Description
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STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
AIANNHCE	4	String	Current American Indian(AIANNH) Area FIPS code
COMPTYP	1	String	Indicates if a reservation or equivalent ('R')
or off-reservation trust land ('T') is present, or both			
NAMELSAD	100	String	Name with translated LSAD
AIANNHNS	8	String	ANSI numeric identifier for AIANNH Areas
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
PARTFLG	1	String	Part flag indicator
CHNG_TYPE	2	String	Type of area update(filled by participant)
EFF_DATE	8	String	Effective date or vintage(filled by participant)
DOCU	120	String	Supporting documentation(filled by participant)
FORM_ID	4	String	Record ID for any boundary update - calculated &
populated by MAF/TIGER Partnership Software (MTPS) - Used for MTPS only.			
Area	10	Number	Acreage of area update - calculated and populated by
the MTPS; for MTPS users only			
Relate	120	String	Relationship description(filled by participant)
Vintage	2	String	Vintage of the data
AIANNHFSR	1	String	Flag indicates level of recognition of an American Indian, Alaska Native, or Native Hawaiian tribe or group
Name	100	String	Hawaiian Home Lands

6. Census Block Shapefile: The shapefile name is luca_2010_tabblock_<ST><COU>.shp. The following is the census block attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
STATEFP00	2	String	2000 FIPS state code
COUNTYFP00	3	String	2000 FIPS county code
TRACTCE00	6	String	Census tract code
BLOCKCE	4	String	2000 Tabulation block number
SUFFIX1CE	2	String	Census block suffix 1
SUFFIX2CE	2	String	Census block suffix 2
BLOCKID	19	String	FIPS State Code, FIPS County Code,

Census Tract

Code, Tabulation block
 number, Census block suffix 1,
 Census block suffix 2
 NCELIGIBLE 1 String 'Y'/'N' field indicating if the
 block is eligible for the New
 Construction Program
 BLOCK 5 String Current Block Number

7. Census Tract Shapefile: The shapefile name is
 luca_2010_curtract_<ST><COU>.shp. The following is the census tract
 attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
TRACTCE	6	String	Census tract code
NAME	100	String	Census tract name
TRACTID	11	String	FIPS State Code, FIPS County Code Census Tract Code
CHNG_TYPE	2	String	Type of area update(filled by participant)
EFF_DATE	8	String	Effective date or vintage(filled by participant)
TRACTTYP	1	String	Tract characteristic flag
Relate	120	String	Relationship description(filled by participant)
TRACTLABEL	7	String	TRACTCE plus decimal point, retaining trailing zeros, removing leading zeros.
Used for LUCA geocoding.			
Vintage	2	String	Vintage of the data

8. Consolidated Cities Shapefile: The shapefile name is
 luca_2010_concity_<ST><COU>.shp. The following is the consolidated
 city attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
CONCITYFP	5	String	FIPS Place code
NAMELSAD	100	String	Name with translated LSAD
PLACENS	8	String	ANSI feature code for the place
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
CHNG_TYPE	2	String	Type of area update(filled by participant)
EFF_DATE	8	String	Effective date or vintage(filled by participant)
DOCU	120	String	Supporting documentation(filled by participant)
FORM_ID	4	String	Record ID for any boundary update -

calculated &

populated by MAF/TIGER
 Partnership Software (MTPS) - Used
 for MTPS only.

Area	10	Number	Acreage of area update - calculated and populated by the MTPS; for MTPS users only
Relate	120	String	Relationship description (filled by participant)
Name	100	String	Consolidated City name
Vintage	2	String	Vintage of the data

9. Counties and equivalent areas Shapefile - county based: The shapefile name is luca_2010_county_<ST><COU>.shp. The following is the county based counties and equivalent areas attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
COUNTYNS	8	String	ANSI feature code for county or equivalent feature
NAMELSAD	100	String	Name with translated LSAD
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
DOCU	120	String	Supporting documentation (filled by participant)
FORM_ID	4	String	Record ID for any boundary update - calculated &

populated by MAF/TIGER
 Partnership Software (MTPS) - Used
 for MTPS only.

Area	10	Number	Acreage of area update - calculated and populated by the MTPS; for MTPS users only
Relate	120	String	Relationship description (filled by participant)
Name	100	String	County and equivalent area name
Vintage	2	String	Vintage of the data

10. Counties and equivalent areas Shapefile - State based: The shapefile name is luca_2010_county_<ST>.shp. The following is the State based counties and equivalent areas attribute table layout:

Field	Length	Type	Description
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STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
COUNTYNS	8	String	ANSI feature code for county or equivalent feature
NAMELSAD	100	String	Name with translated LSAD
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
DOCU	120	String	Supporting documentation (filled by participant)
FORM_ID	4	String	Record ID for any boundary update - calculated &
populated by MAF/TIGER Partnership Software (MTPS) - Used for MTPS only.			
Area	10	Number	Acreage of area update - calculated and populated by
the MTPS; for MTPS users only			
Relate	120	String	Relationship description (filled by participant)
Name	100	String	County and equivalent area name
Vintage	2	String	Vintage of the data

11. County Subdivisions shapefile: The shapefile name is luca_2010_mcd_<ST><COU>.shp. The following is the county subdivision attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
COUSUBFP	5	String	FIPS 55 county subdivision code
NAMELSAD	100	String	Name with translated LSAD
COUSUBNS	8	String	ANSI feature code for the county subdivision
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
DOCU	120	String	Supporting documentation (filled by participant)
FORM_ID	4	String	Record ID for any boundary update - calculated &

populated by MAF/TIGER Partnership Software (MTPS) - Used for MTPS only.

Area	10	Number	Acreage of area update - calculated and populated by the MTPS; for MTPS users only
Relate	120	String	Relationship description (filled by participant)
Name	100	String	County Subdivison name
Vintage	2	String	Vintage of the data

12. Incorporated Places(Place) shapefile: The shapefile name is luca_2010_place_<ST><COU>.shp. The following is the incorporated places attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
PLACEFP	5	String	FIPS 55 county subdivision code
NAMELSAD	100	String	Name with translated LSAD
PLACENS	8	String	ANSI feature code for the place
LSAD	2	String	Legal/Statistical area description
FUNCSTAT	1	String	Functional Status
CLASSFP	2	String	FIPS 55 class code describing an entity
PARTFLG	1	String	Part flag indicator - Indicates if only part of a feature is represented
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
DOCU	120	String	Supporting documentation (filled by participant)
FORM_ID	4	String	Record ID for any boundary update - calculated &

populated by MAF/TIGER

Partnership Software (MTPS) - Used for MTPS only.			
Area	10	Number	Acreage of area update - calculated and populated by the MTPS; for MTPS users only
Relate	120	String	Relationship description (filled by participant)
Name	100	String	Incorporated Place name
Vintage	2	String	Vintage of the data

13. States and Equivalent Areas shapefile: The shapefile name is luca_2010_state_<ST><COU>.shp. The following is the States and Equivalent Areas attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code

STATEUSPS	2	String	USPS State Abbreviation
Name	100	String	State name
LSAD	2	String	Legal/Statistical area description
STATENS	8	String	ANSI feature code for the State

14. Subbarrios shapefile: The shapefile name is luca_2010_submcd_<ST><COU>.shp. The following is the Subbarrio attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
COUSUBFP	5	String	FIPS 55 county subdivision code
SUBMCDFP	5	String	FIPS sub-minor civil division code
NAMELSAD	100	String	Name with translated LSAD
SUBMCDNS	8	String	ANSI feature code for the sub-minor civil division
LSAD	2	String	Legal/Statistical area description
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
AREA	10	Number	Acreage of area update - calculated and populated by the MTPS; for MTPS users only
RELATE	120	String	Relationship description (filled by participant)
FORM_ID	4	String	Record ID for any boundary update
NAME	100	String	Subbarrio name
VINTAGE	2	String	Vintage of the data
FUNCSTAT	1	String	Functional Status

15. Tribal Block Groups shapefile: The shapefile name is luca_2010_tbg_<ST><COU>.shp. The following is the Tribal Block Groups attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
TTRACTCE	6	String	Tribal census tract code
TBLKGRPCE	1	String	Tribal census block group code
TBLKGRPID	11	String	Tribal block group ID
NEW_CODE	6	String	New Census Tract Code (filed by participant)
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
AREA	10	Number	Acreage of area update - calculated and populated by the MTPS; for MTPS

	users only		
RELATE	120	String	Relationship description (filled by participant)
AIANNHCE	4	String	Current American Indian(AIANNH) Area FIPS code
Vintage	2	String	Vintage of the data

16. Tribal Census Tracts shapefile: The shapefile name is luca_2010_tct_<ST><COU>.shp. The following is the Tribal Census Tracts attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
TTRACTCE	6	String	Tribal census tract code
NAME	100	String	Tribal census tract name
NEW_CODE	6	String	New Tribal tract Code
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
Relate	120	String	Relationship description (filled by participant)
AIANNHCE	4	String	Current American Indian(AIANNH) Area FIPS code
TRACTLABEL	7	String	TRACTCE plus decimal point, retaining trailing zeros, removing leading zeros.
Vintage	2	String	Vintage of the data

17. Edges shapefile: The shapefile name is luca_2010_edges_<ST><COU>.shp. The following is the All Lines attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
TLID	10	Integer	Permanent edge ID
TFIDL	10	Integer	Permanent face ID, Left
TFIDR	10	Integer	Permanent face ID, Right
MTFCC	5	String	MAF/TIGER feature class code
FIDELITY	1	String	Indicates when a boundary has been changed through
spatial enhancement			
FULLNAME	40	String	Feature name
SMID	22	Integer	Spatial Tmeta ID
BSPFLG	1	String	For the redistricting data project
CBBFLAG	1	String	For the redistricting data project
2010_BBSP	1	String	For the redistricting data project
CHNG_TYPE	2	String	Type of linear feature update (filled by participant)
LTOADD	10	String	Left to address (filled by participant)
RTOADD	10	String	Right to address (filled by participant)

LFROMADD	10	String	Left from address (filled by participant)
RFROMADD	10	String	Right from address (filled by participant)
ZIPL	5	String	Left side ZIP code
ZIPR	5	String	Right side ZIP code

17. Area Landmark shapefile: The shapefile name is luca_2010_arealm_<ST><COU>.shp. The following is the Area Landmark attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
MTFCC	5	String	MAF/TIGER feature class code
FULLNAME	120	String	Feature name
AREAID	22	Integer	Object ID
ANSICODE	8	String	Official code used by federal agencies for data transfer and dissemination
CHNG_TYPE	2	String	Type of area update (filled by participant)
EFF_DATE	8	String	Effective date or vintage (filled by participant)
RELATE	120	String	Relationship description (filled by participant)
BAG	3	String	Block area grouping

17. Hydrography Area shapefile: The shapefile name is luca_2010_water_<ST><COU>.shp. The following is the Hydrography Area attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
ANSICODE	8	String	Official code used by federal agencies for data transfer and dissemination
MTFCC	5	String	MAF/TIGER feature class code
FULLNAME	120	String	Feature name
CHNG_TYPE	2	String	Type of area update (filled by participant)
HYDROID	22	String	Object ID
RELATE	120	String	Relationship description (filled by participant)

17. Point Landmarks shapefile: The shapefile name is luca_2010_pointlm_<ST><COU>.shp. The following is the Point Landmarks attribute table layout:

Field	Length	Type	Description
STATEFP	2	String	Current FIPS state code

COUNTYFP	3	String	Current FIPS county code
POINTID	22	Integer	Object ID
MTFCC	5	String	MAF/TIGER feature class code
FULLNAME	120	String	Feature name
CHNG_TYPE	2	String	Type of point update (filled by participant)

Relationship Tables:

1. Topological Faces table (2-cells with all geocodes): The table name is luca_2010_faces_<ST><COU>.dbf. The following is the Topological Faces relationship table layout:

Field	Length	Type	Description
TFID	20	Integer	Permanent face ID
STATEFP	2	String	Current FIPS state code
COUNTYFP	3	String	Current FIPS county code
TRIBSUBCE	3	String	Census Tribal Subdivision code
TTRACTCE	6	String	Tribal census tract code
TBLKGRPCE	1	String	Tribal census block group code
AIANNHCE	4	String	Current American Indian(AIANNH) Area FIPS code
COMPTYP	1	String	Indicates if a reservation or equivalent ('R')
or off-reservation trust land ('T') is present, or both			
ANRCCE	5	String	FIPS ANRC code
SLDUST	3	String	State legislative district upper chamber code
SLDLST	3	String	State legislative district lower chamber code
ELSD	5	String	Current Elementary School District (ELSD) Local
Education Agency (LEA) code			
SCSD	5	String	Current Secondary School District (SCSD) Local
Education Agency (LEA) code			
UNSD	5	String	Current Unified School District (UNSD) Local
Education Agency (LEA) code			
CDFP	2	String	Congressional district code
TRACTCE	6	String	Census Tract Code
UACE	5	String	Census urban area code
BLKGRPCE	1	String	Census block group code
BLOCKCE	4	String	Tabulation block number
SUFFIX1CE	2	String	Census block suffix 1
SUFFIX2CE	2	String	Census block suffix 2
TAZCE	6	String	Traffic Analysis Zone code
SUBMCDFP	5	String	FIPS 55 sub-minor civil division code
UGACE	5	String	Urban growth area code
VTDST00	6	String	Voting district code

STATEFP00	2	String	2000 FIPS state code
COUNTYFP00	3	String	2000 FIPS county code
TRACTCE00	6	String	Census tract code
PLACEFP	5	String	FIPS 55 county subdivision code
COUSUBFP	5	String	FIPS 55 county subdivision code
CONCITYFP	5	String	FIPS Place code
LWFLG	1	String	Land/Water flag - "G"-Glacier, "I"- Intermittent

water, "L"-Land, "P"-
Perennial Water, "S"-Marsh/Swamp

2. Topological Faces-Area Landmark relationship table: The table name is luca_2010_facesal_<ST><COU>.dbf. The following is the Topological Faces-Area Landmark relationship table layout:

Field	Length	Type	Description
TFID	20	Integer	Permanent face ID
AREAID	22	Integer	Object ID

3. Topological Faces-Area Hydrography relationship table: The table name is luca_2010_facesah_<ST><COU>.dbf. The following is the Topological Faces-Area Hydrography relationship table layout:

Field	Length	Type	Description
TFID	20	Integer	Permanent face ID
HYDROID	22	Integer	Object ID

4. Address Ranges relationship table: The table name is luca_2010_addr_<ST><COU>.dbf. The following is the Address Ranges relationship table layout:

Field	Length	Type	Description
TLID	22	Integer	Permanent edge ID
STATEFP	2	String	Current Federal Information Processing Standards(FIPS)State code
COUNTYFP	3	String	Current county FIPS code
FROMHN	12	String	From house number
TOHN	12	String	To house number
SIDE	1	String	Side indicator flag ("L" for left, "R" for right)
ZIP	5	String	5-digit ZIP code
PLUS4	4	String	ZIP+4 code

5. Linear Feature Names relationship table: The table name is luca_2010_allnames_<ST><COU>.dbf. The following is the Linear Feature Names relationship table layout:

Field	Length	Type	Description
OID	22	Integer	Object ID
STATEFP	2	String	Current Federal Information Processing Standards(FIPS)State

			code
COUNTYFP	3	String	Current county FIPS code
NAME	100	String	Base name
PREDIR	2	String	Prefix direction
PRETYP	3	String	Prefix type
PREQUAL	2	String	Prefix qualifier
SUFDIR	2	String	Suffix direction
SUFTYP	3	String	Suffix type
SUFQUAL	2	String	Suffix qualifier
CFCC	5	String	MAF/TIGER Class Code (MTFCC code)
PAFLG	1	String	Primary/alternate flag

FEATURE CLASSIFICATION CODES

The Census Bureau has adopted a new coding scheme to identify feature types. The MAF/TIGER Feature Classification Code (MTFCC) replaced the Census Feature Classification Code (CFCC). Below is a list of the MTFCC's codes and their definitions:

ROAD FEATURES

MTFCC FEATURE NAME

- S1100 Interstate Highway or Primary Road with limited access
- S1200 Primary Road without limited access, US Highway, State Highway, or County Highway, Secondary and Connecting roads
- S1400 Local Neighborhood Road, Rural, Road, City Street
- S1500 Vehicular Trail (4WD)
- S1630 Ramp
- S1640 Service Drive usually along a limited access highway
- S1710 Walkway/Pedestrian Trail
- S1720 Stairway
- S1730 Alley
- S1740 Private Road for service vehicles (logging, oil fields, ranches, etc.)
- S1750 Private Driveway

Water Features

MTFCC FEATURE NAME

- H3010 Stream/River
- H3013 Braided Stream
- H3020 Canal, Ditch or Aqueduct

Railroad

MTFCC FEATURE NAME

- R1011 Railroad Feature (Main, Spur, or Yard)
- R1051 Carline, Streetcar Track, Monorail, Other Mass Transit Rail
- R1052 Cog Rail Line, Incline Rail Line, Tram

Miscellaneous Features

MTFCC FEATURE NAME

- P0001 Nonvisible Legal/Statistical Boundary
- L4010 Pipeline

L4020 Power Transmission Line
L4110 Fence Line
L4121 Ridge Line
L4031 Aerial Tramway/Ski Lift
K2451 Airport or Airfield
L4140 Property/Parcel Line
L4165 Ferry Crossing