2020 TIGER Geodatabase Record Layouts

Table of Contents

1 Introduction 1

2 Legal Disclaimer 1

3 Address Ranges National Geodatabase 2

3.1 Address Ranges 2

4 American Indian Area Related Geodatabase 3

4.1 American Indian/Alaska Native/Native Hawaiian Area 3

4.2 Alaska Native Regional Corporation 4

4.3 Tribal Subdivision 4

4.4 Tribal Census Tract 4

4.5 Tribal Block Group 5

5 Areal Hydrography National Geodatabase 5

5.1 Areal Hydrography 5

6 Census Blocks Geodatabase 6

6.1 Block10 6

6.2 Block20 7

7 Legislative Areas National Geodatabase 7

7.1 116th Congressional Districts 7

7.2 State Legislative Districts – Upper 7

7.3 State Legislative Districts – Lower 8

8 Linear Hydrography National Geodatabase 9

8.1 Linear Hydrography 9

9 National Nation-Level Geography Geodatabase 9

9.1 5-Digit ZCTA 2010 9

9.2 5-Digit ZCTA 2020 10

9.3 Combined New England City and Town Area 10

9.4 Combined Statistical Area 10

9.5 Core Based Statistical Area 10

9.6 Metropolitan Division 11

9.7 New England City and Town Area 11

9.8 New England City and Town Area Division 11

9.9 State 12

9.10 Urban Area 12

10 National Sub-State Geography Geodatabase 13

10.1 Block Group 13
10.2 Census Designated Place 13
10.3 Census Tract 14
10.4 Consolidated City (selected states only) 14
10.5 County 14
10.6 County Subdivision 15
10.7 Incorporated Place 15
10.8 State 15
11 Rails National Geodatabase 16
11.1 Rails 16
12 Roads National Geodatabase 16
12.1 Roads 16
13 School Districts Geodatabase 17
13.1 School District – Elementary 17
13.2 School District – Secondary 17
13.3 School District – Unified 18
13.4 State 18
14 State-based Geodatabase 19
14.1 Block10 19
14.2 Block20 19
14.3 Block Group 20
14.4 Census Designated Place 20
14.5 Census Tract 20
14.6 Consolidated City (selected states only) 21
14.7 County 21
14.8 County Subdivision 21
14.9 Incorporated Place 22
15 Edges (Lines) State Geodatabase 23
15.1 All Lines 23
16 Puerto Rico Geodatabase 25
16.1 Block10 25
16.2 Block20 25
16.3 Block Group 26
16.4 Census Designated Place 26
16.5 Census Tract 26
16.6 County 27
16.7 County Subdivision 27
16.8 Subminor Civil Division 27

1 Introduction

The 2020 TIGER Geodatabases are extracts of selected nation-based and state-based geographic and cartographic information from the U.S. Census Bureau's Master Address File/Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) database. The geodatabases include feature class layers of information for the fifty states, the District of Columbia, Puerto Rico, and the Island areas (American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the United States Virgin Islands). The geodatabases do not contain any sensitive data. The 2019 TIGER Geodatabases are designed for use with Esri's ArcGIS. However, other GIS software such as Quantum Geographic Information System (QGIS) also support the geodatabase format.

Please refer to the 2020 TIGER/Line Shapefile Technical Documentation for additional information including definitions and metadata.

Questions about these files please email Geo.geography@census.gov or call (301) 763-1128.

2 Legal Disclaimer

No warranty, expressed or implied, is made with regard to the accuracy of the data in the TIGER Geodatabases, and no liability is assumed by the United States Government in general, or the Census Bureau specifically, as to the positional or attribute accuracy of the data. The boundary information in the TIGER Geodatabases is 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.

3 Address Ranges National Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_addr.gdb

Layers in Geodatabase
Address Ranges

This geodatabase is a complete inventory of all official address ranges in the nation.

3.1 Address Ranges

Field	Length	Type	Description
TLID	10	Integer	Permanent edge ID
FROMHN	12	String	From House Number
TOHN	12	String	To House Number
SIDE	1	String	Side indicator flag
ZIP	5	String	5-digit ZIP code
PLUS4	4	String	ZIP +4 code
FROMTYP	1	String	From address range end type. This field will only be populated if the value is 'I' and the address range is an imputed value calculated by the Census Bureau at a split point. If the value is anything other than 'I', the field shall be left blank.
TOTYP	1	String	To address range end type. This field will only be populated if the value is 'I' and the address range is an imputed value calculated by the Census Bureau at a split point. If the value is anything other than 'I', the field shall be left blank.
ARID	22	String	Address range identifier
MTFCC	5	String	MAF/TIGER feature class code

4 American Indian Area Related Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_aiarelated.gdb

Layers in Geodatabase
American Indian/Alaska Native/Native Hawaiian Area
Alaska Native Regional Corporation
Tribal Subdivision
Tribal Census Tract
Tribal Block Group

This geodatabase contains multiple nation-based layers reflecting American Indian Area geography.

4.1 American Indian/Alaska Native/Native Hawaiian Area

Field	Length	Type	Description
AIANNHNS	8	String	Current American Indian/Alaska Native/Native Hawaiian Area ANSI code
GEOID	5	String	American Indian/Alaska Native/Native Hawaiian Area identifier; a concatenation of Current American Indian/Alaska Native/Native Hawaiian Area census code and American Indian/Alaska Native/Native Hawaiian Area reservation/statistical area or off-reservation trust land Hawaiian home land indicator
NAMELSAD	100	String	Current name and the translated legal/statistical area description for American Indian/Alaska Native/Native Hawaiian Area
CLASSFP	2	String	Current class code
COMPTYP	1	String	Current American Indian/Alaska Native/Native Hawaiian Area reservation/statistical area or off-reservation trust land Hawaiian home land indicator
AIANNHR	1	String	Current American Indian/Alaska Native/Native Hawaiian Area federal/state recognition flag
MTFCC	5	String	MAF/TIGER feature class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.2 Alaska Native Regional Corporation

Field	Length	Type	Description
ANRCNS	8	String	Current Alaska Native Regional Corporation ANSI code
GEOID	7	String	Alaska Native Regional Corporation identifier; a concatenation of Current state FIPS code and Alaska Native Regional Corporation code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for Alaska Native Regional Corporation
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.3 Tribal Subdivision

Field	Length	Type	Description
TRSUBNS	8	String	Current American Indian Tribal Subdivision ANSI code
GEOID	7	String	Current tribal subdivision code: a concatenation of current American Indian/Alaska Native/Native Hawaiian area code and tribal subdivision code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for American Indian Tribal Subdivision
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.4 Tribal Census Tract

Field	Length	Type	Description
GEOID	10	String	Tribal census tract identifier; a concatenation of the American Indian/Alaska Native/Native Hawaiian area census code and tribal census tract code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for tribal census tract
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

4.5 Tribal Block Group

Field	Length	Type	Description
GEOID	11	String	Current nation-based tribal census block group code; a concatenation of Current American Indian/Alaska Native/Native Hawaiian Area code, tribal census tract number, and tribal block group number
NAMELSAD	100	String	Current translated legal/statistical area description code and the tribal census block group number (e.g., 'Tribal Block Group 1')
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

5 Areal Hydrography National Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_areawater.gdb

Layers in Geodatabase
Areal Hydrography

This geodatabase contains all areal hydrography for the nation.

5.1 Areal Hydrography

Field	Length	Type	Description
ANSICODE	8	String	Official code for the water body for use by federal agencies for data transfer and dissemination, if applicable
HYDROID	22	String	Area hydrography identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier with a space between each expanded text field
MTFCC	5	String	MAF/TIGER Feature Class Code
ALAND	14	Number	Land area
AWATER	14	Number	Water area
INTPTLAT	11	String	Latitude of the internal point
INTPTLON	12	String	Longitude of the internal point

6 Census Blocks Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_block.gdb

Layers in Geodatabase
Block10
Block20

This geodatabase contains all census blocks for the nation from 2010 and 2020.

6.1 Block10

Field	Length	Type	Description
GEOID	16	String	2010 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
SUFFIX	1	String	2010 Census block suffix 1
NAME	11	String	2010 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix 1 (e.g. 'Block 1025A')
ALAND	14	Number	2010 Census land area
AWATER	14	Number	2010 Census water area
INTPTLAT	11	String	2010 Census latitude of the internal point
INTPTLON	12	String	2010 Census longitude of the internal point

6.2 Block20

Field	Length	Type	Description
GEOID	16	String	2020 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
SUFFIX	1	String	2020 Census block suffix 1
NAME	11	String	2020 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix 1 (e.g. 'Block 1025A')
ALAND	14	Number	2020 Census land area
AWATER	14	Number	2020 Census water area
INTPTLAT	11	String	2020 Census latitude of the internal point
INTPTLON	12	String	2020 Census longitude of the internal point

7 Legislative Areas National Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_legislative.gdb

Layers in Geodatabase
116th Congressional Districts
State Legislative Districts – Upper
State Legislative Districts – Lower

This geodatabase contains multiple nation-based layers reflecting legislative areas.

7.1 116th Congressional Districts

Field	Length	Type	Description
GEOID	4	String	116th congressional district identifier; a concatenation of current state FIPS code and the congressional district code
NAMELSAD	41	String	116th congressional district name and the translated legal/statistical area description for congressional district
CDSESSN	3	String	116th congressional session code
ALAND	14	Number	116th congressional district land area
AWATER	14	Number	116th congressional district water area
INTPTLAT	11	String	116th congressional district latitude of the internal point
INTPTLON	12	String	116th congressional district longitude of the internal point

7.2 State Legislative Districts – Upper

Field	Length	Type	Description
GEOID	5	String	State legislative district upper chamber identifier; a concatenation of current state FIPS code and state legislative district upper chamber code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for state legislative district (upper chamber)
LSY	4	String	Legislative session year

ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

7.3 State Legislative Districts – Lower

Field	Length	Type	Description
GEOID	5	String	State legislative district lower chamber identifier; a concatenation of the state FIPS code and state legislative district lower chamber code
NAMELSAD	100	String	Name and the translated legal/statistical area description for state legislative district lower chamber
LSY	4	String	Legislative session year
ALAND	14	Number	Land area
AWATER	14	Number	Water area
INTPTLAT	11	String	Latitude of the internal point
INTPTLON	12	String	Longitude of the internal point

8 Linear Hydrography National Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_linearwater.gdb

Layers in Geodatabase
Linear Hydrography

This geodatabase contains all linear hydrography for the nation.

8.1 Linear Hydrography

Field	Length	Type	Description
ANSICODE	8	String	Official code for use by federal agencies for data transfer and dissemination, if applicable
LINEARID	22	String	Linear hydrography identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
ARTPATH	1	String	Artificial path flag
MTFCC	5	String	MAF/TIGER feature class code

9 National Nation-Level Geography Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_nationgeo.gdb

Layers in Geodatabase
5-Digit ZIP Code Tabulation Area 2010
5-Digit ZIP Code Tabulation Area 2020
Combined New England City and Town Area
Combined Statistical Area
Core Based Statistical Area
Metropolitan Division
New England City and Town Area
New England City and Town Area Division
State
Urban Area

This geodatabase contains multiple nation-based layers reflecting the selected geography.

9.1 5-Digit ZCTA 2010

Field	Length	Type	Description
GEOID	5	String	5-digit ZIP Code Tabulation Area identifier
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.2 5-Digit ZCTA 2020

Field	Length	Type	Description
GEOID	5	String	5-digit ZIP Code Tabulation Area identifier
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.3 Combined New England City and Town Area

Field	Length	Type	Description
GEOID	3	String	Combined New England city and town area identifier, combined New England city and town area code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for combined New England city and town area
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.4 Combined Statistical Area

Field	Length	Type	Description
GEOID	3	String	Combined statistical area identifier, combined statistical area code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for combined statistical area
LSAD	2	String	Current legal/statistical area description code for combined statistical area
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.5 Core Based Statistical Area

Field	Length	Type	Description
GEOID	5	String	Metropolitan statistical area/micropolitan statistical area identifier; metropolitan statistical area/micropolitan statistical area code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for metropolitan statistical area/micropolitan statistical area

MEMI	1	String	Current metropolitan/micropolitan status indicator
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.6 Metropolitan Division

Field	Length	Type	Description
GEOID	10	String	Metropolitan division identifier; a concatenation of metropolitan statistical area/micropolitan statistical area code and metropolitan division code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for metropolitan division
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.7 New England City and Town Area

Field	Length	Type	Description
GEOID	5	String	New England city and town area identifier; New England city and town area code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for New England city and town area
NMEMI	1	String	Current New England City and town area metropolitan/micropolitan status indicator
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.8 New England City and Town Area Division

Field	Length	Type	Description
GEOID	10	String	New England city and town area division identifier; a concatenation of New England city and town area code and New England city and town area division code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for New England city and town area division

ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.9 State

Field	Length	Type	Description
STATENS	8	String	Current state ANSI code
GEOID	2	String	State identifier; state FIPS code
STUSPS	2	String	Current United States Postal Service state abbreviation
NAME	100	String	Current state name
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

9.10 Urban Area

Field	Length	Type	Description
GEOID	5	String	Urban Area identifier, Urban Area code
NAMELSAD	100	String	Name and the translated legal/statistical area description code for urban area
UATYP	1	String	Urban Area type
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

10 National Sub-State Geography Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_substategeo.gdb

Layers in Geodatabase
Block Group
Census Designated Place
Census Tract
Consolidated City
County
County Subdivision
Incorporated Place
State

This geodatabase contains multiple nation-based layers reflecting the selected geography.

10.1 Block Group

Field	Length	Type	Description
GEOID	12	String	Census block group identifier; a concatenation of the current state FIPS code, county FIPS code, census tract code, and block group number
NAMELSAD	13	String	Current translated legal/statistical area description and the block group number
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

10.2 Census Designated Place

Field	Length	Type	Description
PLACENS	8	String	Current place ANSI code
GEOID	7	String	Place identifier; a concatenation of current state FIPS code and place FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for place
CLASSFP	2	String	Current FIPS class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

10.3 Census Tract

Field	Length	Type	Description
GEOID	11	String	Current nation-based census tract identifier; a concatenation of current state FIPS code, county FIPS code, and census tract number
NAMELSAD	20	String	Current name and the translated legal/statistical area description code for census tract
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

10.4 Consolidated City (selected states only)

Field	Length	Type	Description
CONCTYNS	8	String	Current consolidated city ANSI code
GEOID	7	String	Consolidated city identifier; a concatenation of current state FIPS code and consolidated city FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for consolidated city
CLASSFP	2	String	Current FIPS class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

10.5 County

Field	Length	Type	Description
COUNTYNS	8	String	Current county ANSI code
GEOID	5	String	Current county identifier; a concatenation of current state FIPS code and county FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for county
CLASSFP	2	String	Current class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

10.6 County Subdivision

Field	Length	Type	Description
COUSUBNS	8	String	Current county subdivision ANSI code
GEOID	10	String	Current county subdivision identifier; a concatenation of current state FIPS code, county FIPS code, and county subdivision FIPS code.
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for county subdivision
CLASSFP	2	String	Current class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

10.7 Incorporated Place

Field	Length	Type	Description
PLACENS	8	String	Current place ANSI code
GEOID	7	String	Place identifier; a concatenation of current state FIPS code and place FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for place
CLASSFP	2	String	Current FIPS class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

10.8 State

Field	Length	Type	Description
STATENS	8	String	Current state ANSI code
GEOID	2	String	State identifier; state FIPS code
STUSPS	2	String	Current United States Postal Service state abbreviation
NAME	100	String	Current state name
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

11 Rails National Geodatabase

The Geodatabase name is: TLGDB_2020_a_us_RAILS.gdb

Layers in Geodatabase
Rails

This geodatabase contains all rails for the nation.

11.1 Rails

Field	Length	Type	Description
LINEARID	22	String	Linear feature identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
MTFCC	5	String	MAF/TIGER feature class code

12 Roads National Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_roads.gdb

Layers in Geodatabase
Roads

This geodatabase contains all roads for the nation.

12.1 Roads

Field	Length	Type	Description
LINEARID	22	String	Linear feature identifier
FULLNAME	100	String	Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field
RTTYP	1	String	Route type code
MTFCC	5	String	MAF/TIGER feature class code
PREQUAL	3	String	Expanded text for prefix qualifier (as available)
PREDIR	2	String	Expanded text for prefix direction (as available)
PRETYP	14	String	Expanded text for prefix type (as available)
NAME	100	String	Base name
SUFTYP	14	String	Expanded text for suffix type (as available)
SUFDIR	2	String	Expanded text for suffix direction (as available)
SUFQUAL	3	String	Expanded text for suffix qualifier (as available)

13 School Districts Geodatabase

The Geodatabase name is: tlgdb_2020_a_us_school.gdb

Layers in Geodatabase
School District – Elementary
School District – Secondary
School District – Unified
State

This geodatabase contains multiple nation-based layers reflecting school district boundaries.

13.1 School District – Elementary

Field	Length	Type	Description
GEOID	7	String	School district identifier; a concatenation of current state FIPS code and elementary school district local education agency code
NAME	100	String	Current elementary school district name
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
SDTYP	1	String	Current school district type
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

13.2 School District – Secondary

Field	Length	Type	Description
GEOID	7	String	School district identifier; a concatenation of current state FIPS code and secondary school district local education agency code
NAME	100	String	Current secondary school district name
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
SDTYP	1	String	Current school district type
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

13.3 School District – Unified

Field	Length	Type	Description
GEOID	7	String	School district identifier; a concatenation of current state FIPS code and unified school district local education agency code
NAME	100	String	Current unified school district name
LOGRADE	2	String	Current lowest grade covered by school district
HIGRADE	2	String	Current highest grade covered by school district
SDTYP	1	String	Current school district type
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

13.4 State

Field	Length	Type	Description
STATENS	8	String	Current state ANSI code
GEOID	2	String	State identifier; state FIPS code
STUSPS	2	String	Current United States Postal Service state abbreviation
NAME	100	String	Current state name
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

14 State-based Geodatabase

The Geodatabase name is: tlgdb_2020_a_<xx>_<st>.gdb
Where xx = state FIPS code and st = state USPS abbreviation

Layers in Geodatabase
Block10
Block20
Block Group
Census Designated Place
Census Tract
Consolidated City
County
County Subdivision
Incorporated Place

These geodatabases contain multiple layers reflecting the selected geography for each state.

14.1 Block10

Field	Length	Type	Description
GEOID	16	String	2010 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
SUFFIX	1	String	2010 Census block suffix 1
NAME	11	String	2010 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix 1 (e.g. 'Block 1025A')
ALAND	14	Number	2010 Census land area
AWATER	14	Number	2010 Census water area
INTPTLAT	11	String	2010 Census latitude of the internal point
INTPTLON	12	String	2010 Census longitude of the internal point

14.2 Block20

Field	Length	Type	Description
GEOID	16	String	2020 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
SUFFIX	1	String	2020 Census block suffix 1
NAME	11	String	2020 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix 1 (e.g. 'Block 1025A')
ALAND	14	Number	2020 Census land area
AWATER	14	Number	2020 Census water area
INTPTLAT	11	String	2020 Census latitude of the internal point
INTPTLON	12	String	2020 Census longitude of the internal point

14.3 Block Group

Field	Length	Type	Description
GEOID	12	String	Census block group identifier; a concatenation of the current state FIPS code, county FIPS code, census tract code, and block group number
NAMELSAD	13	String	Current translated legal/statistical area description and the block group number
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

14.4 Census Designated Place

Field	Length	Type	Description
PLACENS	8	String	Current place ANSI code
GEOID	7	String	Place identifier; a concatenation of current state FIPS code and place FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for place
CLASSFP	2	String	Current FIPS class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

14.5 Census Tract

Field	Length	Type	Description
GEOID	11	String	Current nation-based census tract identifier; a concatenation of current state FIPS code, county FIPS code, and census tract number
NAMELSAD	20	String	Current name and the translated legal/statistical area description code for census tract
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

14.6 Consolidated City (selected states only)

Field	Length	Type	Description
CONCTYNS	8	String	Current consolidated city ANSI code
GEOID	7	String	Consolidated city identifier; a concatenation of current state FIPS code and consolidated city FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for consolidated city
CLASSFP	2	String	Current FIPS class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

14.7 County

Field	Length	Type	Description
COUNTYNS	8	String	Current county ANSI code
GEOID	5	String	Current county identifier; a concatenation of current state FIPS code and county FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for county
CLASSFP	2	String	Current class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

14.8 County Subdivision

Field	Length	Type	Description
COUSUBNS	8	String	Current county subdivision ANSI code
GEOID	10	String	Current county subdivision identifier; a concatenation of current state FIPS code, county FIPS code, and county subdivision FIPS code.
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for county subdivision
CLASSFP	2	String	Current class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

14.9 Incorporated Place

Field	Length	Type	Description
PLACENS	8	String	Current place ANSI code
GEOID	7	String	Place identifier; a concatenation of current state FIPS code and place FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for place
CLASSFP	2	String	Current FIPS class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

15 Edges (Lines) State Geodatabase

The Geodatabase name is: tlgdb_2020_a_xx_st_edges.gdb
Where xx = state FIPS code and st = state USPS abbreviation

Layers in Geodatabase
All Lines

These are state-based geodatabases featuring all linear edges in a state for the US, DC, Puerto Rico, and the Island Areas

15.1 All Lines

Field	Length	Type	Description
TLID	10	Integer	Permanent edge ID
TFIDL	10	Integer	Permanent face ID on the left of the edge
TFIDR	10	Integer	Permanent face ID on the right of the edge
MTFCC	5	String	MAF/TIGER Feature Class Code of the primary feature for the edge
FULLNAME	100	String	Concatenation of expanded text for Prefix Qualifier, Prefix Direction, Prefix Type, Base Name, Suffix Type, Suffix Direction, and Suffix Qualifier (as available) with a space between each expanded text field; display name.
SMID	22	String	Spatial metadata identifier
LFROMADD	12	String	From House Number associated with the most inclusive address range on the left side of the edge; SIDE=L
LTOADD	12	String	To House Number associated with the most inclusive address range on the left side of the edge; SIDE=L
RFROMADD	12	String	From House Number associated with the most inclusive address range on the right side of the edge; SIDE=R
RTOADD	12	String	To House Number associated with the most inclusive address range on the right side of the edge; SIDE=R
ZIPL	5	String	ZIP code associated with the most inclusive address range on the left side
ZIPR	5	String	ZIP code associated with the most inclusive address range on the right side
FEATCAT	1	String	General feature classification category
HYDROFLG	1	String	Hydrography feature indicator
RAILFLG	1	String	Rail feature indicator
ROADFLG	1	String	Road feature indicator
OLFFLG	1	String	Other linear feature indicator
PASSFLG	1	String	Special passage flag
DIVROAD	1	String	Divided road flag
EXTTYP	1	String	Extension type
TTYP	1	String	Track type
DECKEDROAD	1	String	Decked road indicator
ARTPATH	1	String	Artificial path indicator
PERSIST	1	String	Hydrographic persistence flag
GCSEFLG	1	String	Short lines flag for geographic corridors
OFFSETL	1	String	Leftoffset flag
OFFSETR	1	String	Rightoffset flag
TNIDF	10	Integer	From TIGER node identifier
TNIDT	10	Integer	To TIGER node identifier

Field	Length	Type	Description
PREQUAL	3	String	Expanded text for prefix qualifier (as available)
PREDIR	2	String	Expanded text for prefix direction (as available)
PRETYP	14	String	Expanded text for prefix type (as available)
NAME	100	String	Base name
SUFTYP	14	String	Expanded text for suffix type (as available)
SUFDIR	2	String	Expanded text for suffix direction (as available)
SUFQUAL	3	String	Expanded text for suffix qualifier (as available)

16 Puerto Rico Geodatabase

The Geodatabase name is: tlgdb_2020_a_72_pr.gdb

Layers in Geodatabase
Block10
Block20
Block Group
Census Designated Place
Census Tract
County
County Subdivision
Subminor Civil Division

This geodatabase contains multiple layers reflecting the selected geography for Puerto Rico.

16.1 Block10

Field	Length	Type	Description
GEOID	16	String	2010 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
SUFFIX	1	String	2010 Census block suffix 1
NAME	11	String	2010 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix 1 (e.g. 'Block 1025A')
ALAND	14	Number	2010 Census land area
AWATER	14	Number	2010 Census water area
INTPTLAT	11	String	2010 Census latitude of the internal point
INTPTLON	12	String	2010 Census longitude of the internal point

16.2 Block20

Field	Length	Type	Description
GEOID	16	String	2020 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
SUFFIX	1	String	2020 Census block suffix 1
NAME	11	String	2020 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix 1 (e.g. 'Block 1025A')
ALAND	14	Number	2020 Census land area
AWATER	14	Number	2020 Census water area
INTPTLAT	11	String	2020 Census latitude of the internal point
INTPTLON	12	String	2020 Census longitude of the internal point

16.3 Block Group

Field	Length	Type	Description
GEOID	12	String	Census block group identifier; a concatenation of the current state FIPS code, county FIPS code, census tract code, and block group number
NAMELSAD	13	String	Current translated legal/statistical area description and the block group number
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

16.4 Census Designated Place

Field	Length	Type	Description
PLACENS	8	String	Current place ANSI code
GEOID	7	String	Place identifier; a concatenation of current state FIPS code and place FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description for place
CLASSFP	2	String	Current FIPS class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

16.5 Census Tract

Field	Length	Type	Description
GEOID	11	String	Current nation-based census tract identifier; a concatenation of current state FIPS code, county FIPS code, and census tract number
NAMELSAD	20	String	Current name and the translated legal/statistical area description code for census tract
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

16.6 County

Field	Length	Type	Description
COUNTYNS	8	String	Current county ANSI code
GEOID	5	String	Current county identifier; a concatenation of current state FIPS code and county FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for county
CLASSFP	2	String	Current class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

16.7 County Subdivision

Field	Length	Type	Description
COUSUBNS	8	String	Current county subdivision ANSI code
GEOID	10	String	Current county subdivision identifier; a concatenation of current state FIPS code, county FIPS code, and county subdivision FIPS code.
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for county subdivision
CLASSFP	2	String	Current class code
FUNCSTAT	1	String	Current functional status
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point

16.8 Subminor Civil Division

Field	Length	Type	Description
SUBMCDNS	8	String	Current subminor civil division ANSI code
GEOID	15	String	SubMinor civil division identifier; a concatenation of current state FIPS code, county FIPS code, county subdivision FIPS code, and subminor civil division FIPS code
NAMELSAD	100	String	Current name and the translated legal/statistical area description code for subminor civil division
ALAND	14	Number	Current land area
AWATER	14	Number	Current water area
INTPTLAT	11	String	Current latitude of the internal point
INTPTLON	12	String	Current longitude of the internal point