

2024 TIGER/Line 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.....	5
4.5	Tribal Block Group	5
5	Areal Hydrography National Geodatabase	6
5.1	Areal Hydrography.....	6
6	Census Blocks Geodatabase.....	6
6.1	Block20	6
7	Legislative Areas National Geodatabase	7
7.1	119 th Congressional Districts	7
7.2	State Legislative Districts – Upper	7
7.3	State Legislative Districts – Lower	8
8	Linear Hydrography National Geodatabase.....	8
8.1	Linear Hydrography	8
9	National Nation-Level Geography Geodatabase	9
9.1	State.....	9
9.2	Core Based Statistical Area.....	9
9.3	Combined Statistical Area	10
9.4	Metropolitan Division.....	10
9.5	Urban Area 2020	10
9.6	5-Digit ZCTA 2020.....	11
10	National Sub-State Geography Geodatabase	11
10.1	State	11
10.2	County.....	12
10.3	Incorporated Place	12
10.4	Census Designated Place.....	12
10.5	Consolidated City (selected states only).....	13
10.6	County Subdivision	13
10.7	Census Tract.....	13
10.8	Block Group	14
11	Rails National Geodatabase.....	14
11.1	Rails	14

12	Roads National Geodatabase.....	15
12.1	Roads	15
13	School Districts Geodatabase.....	16
13.1	School District – Administrative.....	16
13.2	School District – Elementary	16
13.3	School District – Secondary	17
13.4	School District – Unified	17
13.5	State	17
14	State-based Geodatabase.....	18
14.1	County.....	18
14.2	Incorporated Place	18
14.3	Census Designated Place.....	19
14.4	Consolidated City (selected states only).....	19
14.5	County Subdivision	19
14.6	Census Tract.....	20
14.7	Block Group	20
14.8	Block20	20
15	Edges (Lines) State Geodatabase.....	21
15.1	All Lines.....	21
16	Puerto Rico Geodatabase	22
16.1	County.....	22
16.2	Census Designated Place.....	23
16.3	County Subdivision	23
16.4	Subminor Civil Division	23
16.5	Census Tract.....	24
16.6	Block Group	24
16.7	Block20	24

1 Introduction

The 2024 TIGER/Line 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) System. The geodatabases include feature class layers of information for the fifty states, the District of Columbia (DC), 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 2024 TIGER/Line Geodatabases are for use with Esri's ArcGIS Pro geographic information system (GIS) software. However, other GIS software such as Quantum GIS (QGIS) also support the geodatabase format.

Please refer to the 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/Line 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/Line 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_2024_a_us_addr.gdb*

<i>Layers in Geodatabase</i>
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 will 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 will 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_2024_a_us_aiarelated.gdb*

<i>Layers in Geodatabase</i>
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 American National Standards Institute (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
GEOIDFQ	14	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated legal/statistical area description (LSAD) code for American Indian/Alaska Native/Native Hawaiian Area
CLASSFP	2	String	Current Federal Information Processing Series (FIPS) 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD 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
GEOIDFQ	19	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code 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
GEOIDFQ	20	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current translated LSAD 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_2024_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_2024_a_us_block.gdb*

Layers in Geodatabase
Block20

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

6.1 Block20

Field	Length	Type	Description
GEOID20	15	String	2020 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
GEOIDFQ20	24	String	2020 fully qualified GEOID; used to join data tables from data.census.gov
SUFFIX	1	String	2020 Census block suffix
NAME	11	String	2020 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix (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_2024_a_us_legislative.gdb*

<i>Layers in Geodatabase</i>
119 th Congressional Districts
State Legislative Districts – Upper
State Legislative Districts – Lower

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

7.1 119th Congressional Districts

Field	Length	Type	Description
GEOID	4	String	119 th congressional district identifier; a concatenation of current state FIPS code and the congressional district code
GEOIDFQ	13	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	41	String	119 th congressional district name and the translated LSAD code for congressional district
CDSESSN	3	String	119 th congressional session code
ALAND	14	Number	119 th congressional district land area
AWATER	14	Number	119 th congressional district water area
INTPTLAT	11	String	119 th congressional district latitude of the internal point
INTPTLON	12	String	119 th 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
GEOIDFQ	14	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code 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
GEOIDFQ	14	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Name and the translated LSAD code 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_2024_a_us_linearwater.gdb

<i>Layers in Geodatabase</i>
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_2024_a_us_nationgeo.gdb*

<i>Layers in Geodatabase</i>
State
Core Based Statistical Area
Combined Statistical Area
Metropolitan Division
Urban Area 2020
5-Digit ZIP Code Tabulation Area 2020

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

9.1 State

Field	Length	Type	Description
STATENS	8	String	Current state ANSI code
GEOID	2	String	State identifier; state FIPS code
GEOIDFQ	11	String	Current fully qualified GEOID; used to join data tables from data.census.gov
STUSPS	2	String	Current United States Postal Service (USPS) 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

9.2 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
GEOIDFQ	14	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD 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

9.3 Combined Statistical Area

Field	Length	Type	Description
GEOID	3	String	Combined statistical area identifier, combined statistical area code
GEOIDFQ	12	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code for combined statistical area
LSAD	2	String	Current LSAD 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

9.4 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
GEOIDFQ	19	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD 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

9.5 Urban Area 2020

Field	Length	Type	Description
GEOID20	5	String	2020 Urban Area identifier, Urban Area code
GEOIDFQ20	14	String	2020 fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Name and the translated LSAD code for urban 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

9.6 5-Digit ZCTA 2020

Field	Length	Type	Description
GEOID20	5	String	2020 5-digit ZIP Code Tabulation Area identifier
GEOIDFQ20	14	String	2020 fully qualified GEOID; used to join data tables from data.census.gov
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: tl gdb_2024_a_us_substategeo.gdb

<i>Layers in Geodatabase</i>
State
County
Incorporated Place
Census Designated Place
Consolidated City
County Subdivision
Census Tract
Block Group

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

10.1 State

Field	Length	Type	Description
STATENS	8	String	Current state ANSI code
GEOID	2	String	State identifier; state FIPS code
GEOIDFQ	11	String	Current fully qualified GEOID; used to join data tables from data.census.gov
STUSPS	2	String	Current USPS 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

10.2 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
GEOIDFQ	14	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code for county
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 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code 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

10.4 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD 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

10.5 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD 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

10.6 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.
GEOIDFQ	19	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code for county subdivision
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

10.7 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
GEOIDFQ	20	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	20	String	Current name and the translated LSAD 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

10.8 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
GEOIDFQ	21	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	13	String	Current translated LSAD code 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

11 Rails National Geodatabase

The geodatabase name is: tlgdb_2024_a_us_RAILS.gdb

<i>Layers in Geodatabase</i>
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_2024_a_us_roads.gdb*

<i>Layers in Geodatabase</i>
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_2024_a_us_school.gdb*

<i>Layers in Geodatabase</i>
School District - Administrative
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 - Administrative

Field	Length	Type	Description
GEOID	7	String	School district identifier; a concatenation of current state FIPS code and administrative school district local education agency code
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAME	100	String	Current administrative 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 - 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
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

13.3 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
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

13.4 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
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

13.5 State

Field	Length	Type	Description
STATENS	8	String	Current state ANSI code
GEOID	2	String	State identifier; state FIPS code
GEOIDFQ	11	String	Current fully qualified GEOID; used to join data tables from data.census.gov
STUSPS	2	String	Current USPS 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_2024_a_<xx>_<st>.gdb*
 Where *xx* = state FIPS code and *st* = state USPS abbreviation

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

These geodatabases contain multiple layers reflecting selected geographies for each state.

14.1 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
GEOIDFQ	14	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code for county
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

14.2 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code 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

14.3 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code 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

14.4 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD 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

14.5 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
GEOIDFQ	19	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code for county subdivision
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

14.6 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
GEOIDFQ	20	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	20	String	Current name and the translated LSAD 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

14.7 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
GEOIDFQ	21	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	13	String	Current translated LSAD code 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

14.8 Block20

Field	Length	Type	Description
GEOID20	15	String	2020 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
GEOIDFQ20	24	String	2020 fully qualified GEOID; used to join data tables from data.census.gov
SUFFIX	1	String	2020 Census block suffix
NAME	11	String	2020 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix (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

15 Edges (Lines) State Geodatabase

The geodatabase name is: *tlgdb_2024_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	Left offset flag
OFFSETR	1	String	Right offset 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_2024_a_72_pr.gdb*

<i>Layers in Geodatabase</i>
County
Census Designated Place
County Subdivision
Subminor Civil Division
Census Tract
Block Group
Block20

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

16.1 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
GEOIDFQ	14	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code for county
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

16.2 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
GEOIDFQ	16	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code 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

16.3 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
GEOIDFQ	19	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD code for county subdivision
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

16.4 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
GEOIDFQ	24	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	100	String	Current name and the translated LSAD 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

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
GEOIDFQ	20	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	20	String	Current name and the translated LSAD 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 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
GEOIDFQ	21	String	Current fully qualified GEOID; used to join data tables from data.census.gov
NAMELSAD	13	String	Current translated LSAD code 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

16.7 Block20

Field	Length	Type	Description
GEOID20	15	String	2020 Census nation-based block code; a concatenation of state FIPS code, county FIPS code, census tract code, and tabulation block number
GEOIDFQ20	24	String	2020 fully qualified GEOID; used to join data tables from data.census.gov
SUFFIX	1	String	2020 Census block suffix
NAME	11	String	2020 Census tabulation block name; a concatenation of 'Block', the current tabulation block number, and the block suffix (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