

CLARITAS TELECOMMUNICATION BOUNDARIES 2019 FLAT FILE RELEASE NOTES

WHAT IT IS

The Claritas Telecommunications Boundaries data set presents information about wireless and wireline communications service area boundaries and descriptions of services provided.

DATA COMPONENTS

The Claritas Telecommunications Boundaries dataset consists of the following components:

- Boundaries
- Descriptive data

DATA COMPONENTS

Boundaries are available for wireline and wireless service areas.

Wireline Boundaries

Since wireline telecommunications services are not available through all of the United States, service area boundaries sometimes appear as non-contiguous territories. These territories may or may not have any correlation to county or state boundaries. In addition, there are instances where no service provider is tracked for a particular geography.

TomTom® North America Inc. (TomTom) defines a wire center as a location where the telephone company terminates the local lines, which is usually also the central office. A wire center boundary is a representation of the area served by all of the switching equipment housed at this physical location. In order to provide an integrated presentation of wireline service provider coverage, Claritas uses wire center as the base geography to which other levels are aggregated. For example, the Incumbent Local Exchange Carrier (ILEC) level is an aggregation of wire centers that have the same dominant ILEC assignment. Other levels are similarly aggregated.

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The table below provides a summary of wireline boundary levels:

Level	Aggregation	State Remainders
ILEC	Wire Center	No
LATA	Wire Center	No
WIRE CENTER	Wire Center	No

Wireless Boundaries

The Claritas Telecommunications Boundaries data set includes boundary information for PCS (Personal Communications Service) Basic Trading Areas (BTA) and Major Trading Areas (MTA), as well as metropolitan statistical areas (MSA) and rural service areas (RSA), which are also known as Cellular Market Areas (CMA). Please note that the two PCS boundaries are treated as separate geographies, while the two cellular boundaries are treated as a single combined geography (MSA/RSA).

DESCRIPTIVE DATA

Wireline Service Areas

Descriptive data is provided for select wireline service areas. A list of available descriptive data is provided in the “Current Listing” section. The table below includes a listing of the data available for wireline geographic levels:

LEVEL	BOUNDARIES	DESCRIPTIVE DATA
ILEC	Yes	No
LATA	Yes	No
WIRE CENTER	Yes	Yes

Wireless Service Areas

Descriptive data is not available for wireless service providers. The table below includes a listing of the data available for wireless geographic levels:

LEVEL	BOUNDARIES	DESCRIPTIVE DATA
BTA	Yes	No
MTA	Yes	No
MSA/RSA	Yes	No

DATA SOURCE

The wireline data in this release of the Claritas Telecommunications Boundaries data set is based on TomTom Telecommunications Suite 2017.12. The definitions for wireless boundaries are static.

CURRENT LISTING

Descriptive Data

The following descriptive data is available at the wire center level:

COLUMN NAME	DESCRIPTION
CTR_GCODE	Wire Center ID
CTR_CODE	Wire Center Code
DOMINANT_SWITCH	Dominant Switch Site (11-digit CLLI Code)
LEC_GCODE	Operating Company Number (LEC Code)
LEC_NAME	Operating Company Name (LEC Name)
LEC_CATEGORY	Operating Company Category (LEC Category)
LAT_GCODE LATA	(Local Access & Transport Area Code)
LATA_NAME	LATA Name
CITY_NAME	Locality (City Name)
ST_ABBRV	State Abbreviation
CLL_GCODE	Network Site (8-digit CLLI Code)
RATE_CENTER_ID	Rate Center ID
RATE_CENTER_NAME	Rate Center Name
RATE_CENTER_ABB_NAME	Rate Center Name Abbreviation
SWITCH_VERTICAL_POSITION	Dominant Switch Vertical Position
SWITCH_HORIZONTAL_POSITION	Dominant Switch Horizontal Position
LATITUDE	Switch Latitude
LONGITUDE	Switch Longitude