National Broadband Fabric Data Dictionary

Filename FCC_Active_BSL_MMDDYYYY_rel_N_N

Column Name	Definition	Unit of Measure	Minimum Scope	Data Type
location_id	Unique ID for the Fabric location. Location_id remains persistent version to version when newer evidence indicates the position of the serviceable location or the presence of a serviceable location on a single location parcel is not significantly changed as compared to the prior version. A consistent location_id across versions does not mean that the latitude and longitude are unchanged. A location_id will remain consistent across versions when a different building is selected on a single parcel.	Unique Key	Fabric Location	int32
address_primary	Postal address (Street number, street name, directional. (street type, city, state and ZIP code excluded)	Indicator (see definition)	Fabric Location	VarChar (190)
city	Postal address city name	Indicator (see definition)	Fabric Location	VarChar (50)
state	Postal address 2-character state abbreviation. The State is assigned based on information from the assessor data. There can be circumstances where the State differs from the geographic assigned county and Census block.	Indicator (see definition)	Fabric Location	VarChar (2)
zip	Address USPS ZIP Code – A 5-digit code that geographically identifies individual Post Offices or metropolitan area delivery stations associated with every mailing address	Indicator (see definition)	Fabric Location	VarChar (5)
zip_suffix	Address USPS ZIP+4 ®	Indicator (see definition)	Fabric Location	VarChar (4)
unit_count	An estimate of the number of residential and non-residential units within the location. In case of Community Anchor Institutions and Group Quarters, the unit count is the count of CAI or Group Quarters units in the structure.	Count	Fabric Location	int32
bsl_flag	An indication of if the Fabric record is a broadband serviceable location (1) or not (0). All values are TRUE in this file.	TRUE/FALSE	Fabric Location	Bit
building_type_code	Indicates if the record is considered (R) residential, (B) non-residential, (X) mixed, (G) Group Quarters, (C) CAI, (E) enterprise or (O) other	Indicator (see definition)	Fabric Location	VarChar(1)
land_use_code	A modeled land use designation estimated from assembled county assessor information. - Value may be null. - Value must be one of the following codes, if not null: 1–Residential 2–Land 3–Business 4–Unknown 5–Agriculture 6–Community 7–Industrial 8–Recreation 9–Utility 10–Mixed Use 11–Transportation 12–Water 13–Communications 14–ROW 15–Wireless 0–Other	Enumerated	Fabric Location	int32
address_confidence_code	A code indicating the confidence in the association of the textual address with the BSL (1 = High, 2 = Medium, 3 = Low, 4 = successful address challenge)	Enumerated	Fabric Location	VarChar(6)
county_geoid	5-digit TIGER 2020 identifier for the county, based upon the latitude and longitude of the record.	Federal Information Processing Standard	County	VarChar (5)
block_geoid [1]	15-digit 2020 U.S. Census Bureau FIPS code for the census block, based upon the latitude and longitude of the record.	Federal Information Processing Standard	Census Block	VarChar (15)
h3_9 [1]	A reference to the H3 hex cell ID, level 9	Indicator (see definition)	Location	VarChar(20)
latitude	Latitude coordinate of the fabric location	Decimal degrees (WGS84)	5 digit precision WGS-84	Decimal (11,8)
longitude	Longitude coordinate of the fabric location	Decimal degrees (WGS84)	5 digit precision WGS-84	Decimal (11,8)
fcc_rel [2]	FCC Fabric Release Date	Date	Fabric Release	VarChar (8)

[1] There are circumstances where an assigned block_geoid or hex_9 will differ based on the hardware platform or GIS software implemented. This can happen when a location record intersects the boundary of multiple census blocks/hex cells or in software and system determinative cases where the location record is assigned a different block_geoid/hex cell ID due to software implementation or computing platform differences.

[2] This field is only present for tier 2,3,4 licensees.

Version 3.0.3