

Cellular Service Areas

Identification Information:

Citation:

Citation Information:

Title: Cellular Service Areas

Geospatial Data Presentation Form: vector digital data

Online Linkage: http://wireless.fcc.gov/services/cellular/A_Block_CGSA.geojson

Online Linkage: <https://www.fcc.gov/general/cellular-geographic-service-areas>

Online Linkage: http://wireless.fcc.gov/services/cellular/B_Block_CGSA.geojson

Online Linkage: HIFLD Open Data (<https://gii.dhs.gov/hifld/data/open>)

Description:

Abstract: This dataset represents Cellular Service Area Boundaries aggregated by callsign.

Purpose: This dataset serves as base information for use in GIS systems for general planning, analytical, and research purposes. It is not intended for engineering work or to legally define FCC licensee data or FCC market boundaries. The material in these data and text files are provided as-is. The FCC disclaims all warranties with regard to the contents of these files, including their fitness. In no event shall the FCC be liable for any special, indirect, or consequential damages whatsoever resulting from loss or use, data, or profits, whether in connection with the use or performance of the contents of these files, action of contract, negligence, or other action arising out of, or in connection with the use of the contents of these files. It is known that there are some errors in the licensing information - Latitude, Longitude and Ground Elevation data as well as frequency assignment data from which these files were generated. This dataset represents cellular service areas aggregated by callsign.

Supplemental Information: If you are using this dataset as a shapefile, please be aware that it was converted from a Geodatabase. As a result, this shapefile may have attribution and metadata errors resulting from the conversion process. The following are known issues: null values may have been changed to 0s (zeros) or to blank values, numbers (including latitude and longitude) may have been rounded up or down, there may be issues with Unicode character strings, and time cannot be stored in a date field. Field names may have been truncated to no longer than 10 characters or completely changed, lengthy string attributes may have been truncated to 254 characters, and attribute columns may have been deleted. Shapefiles do not support coded domains and subtypes therefore the original file geodatabase attribution and metadata information for coded domains and subtypes could be incorrect or missing in the shapefile version. Please visit the following ESRI website

for more information: [caution-http://pro.arcgis.com/en/pro-app/tool-reference/appendices/geoprocessing-considerations-for-Shapefile-output.htm](http://pro.arcgis.com/en/pro-app/tool-reference/appendices/geoprocessing-considerations-for-Shapefile-output.htm)

Status:

Progress: Complete

Maintenance and Update Frequency: Daily

Keywords:

Theme:

Theme Keyword Thesaurus: None

Theme Keyword: Boundaries

Theme Keyword: Wireless

Theme Keyword: Service areas

Theme Keyword: Cellular

Theme Keyword: Callsign

Theme Keyword: Federal Communications Commission

Theme Keyword: FCC

Theme:

Theme Keyword Thesaurus: ISO 19115 Topic Categories

Theme Keyword: boundaries

Theme Keyword: utilitiesCommunication

Place:

Place Keyword Thesaurus: None

Place Keyword: Northern Marianas

Place Keyword: Puerto Rico

Place Keyword: Hawaii

Place Keyword: Guam

Place Keyword: Alaska

Place Keyword: CONUS

Place Keyword: Continental United States

Place Keyword: U.S. Virgin Islands

Place Keyword: American Samoa

Access Constraints: Access Constraint: None (Public Domain Information)

Use Constraints: Use Constraint: None (Public Use)

Point of Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Federal Communications Commission (FCC)

Contact Position: Senior Engineer

Data Quality Information:

Lineage:

Process Step:

Process Description:

The letter casing and abbreviations have been standardized in the LICENSEE attribute column.

Process Contact:**Contact Information:****Contact Organization Primary:**

Contact Organization: HIFLD Support Team

Spatial Data Organization Information:**Point and Vector Object Information:****SDTS Terms Description:**

Point and Vector Object Count: 1725

Entity and Attribute Information:**Detailed Description:****Entity Type:**

Entity Type Label: CellularServiceAreas

Entity Type Definition Source: FCC

Attribute:

Attribute Label: ULS_ID

Attribute Definition: Universal Licensing System ID

Attribute Definition Source: FCC

Attribute:

Attribute Label: OBJECTID

Attribute Definition: Internal feature number.

Attribute Definition Source: ESRI

Attribute Domain Values:

Unrepresentable Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute Label: Shape_Area

Attribute Definition: Area of feature in internal units squared.

Attribute Definition Source: ESRI

Attribute Domain Values:

Unrepresentable Domain: Positive real numbers that are automatically generated.

Attribute:

Attribute Label: Shape

Attribute Definition: Feature geometry.

Attribute Definition Source: ESRI

Attribute Domain Values:

Unrepresentable Domain: Coordinates defining the features.

Attribute:

Attribute Label: CALL

Attribute Definition: Callsign

Attribute Definition Source: FCC

Attribute Domain Values:

Unrepresentable Domain: This field is unrepresentable.

Attribute:

Attribute Label: Shape_Length

Attribute Definition: Length of feature in internal units.

Attribute Definition Source: ESRI

Attribute Domain Values:

Unrepresentable Domain: Positive real numbers that are automatically generated.

Attribute:

Attribute Label: LICENSEE

Attribute Definition: Licensee

Attribute Definition Source: FCC

Attribute Domain Values:

Unrepresentable Domain: This field is unrepresentable.

Distribution Information:

Distribution Liability: See access and use constraints information.

Metadata Reference Information:

Metadata Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Federal Communications Commission (FCC)

Contact Position: Senior Engineer

Metadata Standard Name: FGDC Content Standard for Digital Geospatial Metadata

Metadata Standard Version: FGDC-STD-001-1998

Metadata Time Convention: local time