Prison Boundaries

Identification Information:

    Citation:

    Citation Information:

    Publication Date: 20160616

    Title: Prison Boundaries

    Geospatial Data Presentation Form: Vector Digital Data Set (Polygon)

    Online Linkage: https://hifld-dhs-gii.opendata.arcgis.com

    Larger Work Citation:

    Citation Information:

    Title: HIFLD Open and HIFLD Secure

    Description:

    Abstract: The prison boundaries shapefile contains secure detention facilities. These facilities range in jurisdiction from federal(excluding military) to local governments. Polygon geometry is used to describe the extent of where the incarcerated population is located (fence lines or building footprints). This shapefile's attribution describes many physical and social characteristics of detention facilities in the United States and some of its territories. The attribution for this shapefile was populated by open source search methodologies of authoritative sources.

    Purpose: This shapefile contains secure detention facilities for the Homeland Infrastructure Foundation-Level Data (HIFLD) database (https://gii.dhs.gov/HIFLD). This shapefile was manually converted from its original feature class format by the National Geospatial-Intelligence Agency (NGA) Homeland Security Infrastructure Program (HSIP) Team to mitigate automated conversion errors.

    Supplemental Information: None.

    Time Period of Content:

    Time Period Information:

    Range of Dates/Times:

    Beginning Date: 20081201

    Ending Date: 20160307

    Currentness Reference: Time period date range corresponds to the data range covered by the SOURCEDATE field.

    Status:

    Progress: Complete

    Maintenance and Update Frequency: Continually

    Spatial Domain:

    Bounding Coordinates:

    West Bounding Coordinate: -165.413344

East Bounding Coordinate: 145.707962
North Bounding Coordinate: 71.292441
South Bounding Coordinate: 13.448329
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Categories
Theme Keyword: boundaries
Theme:
Theme Keyword Thesaurus: None
Theme Keyword: facility characteristics
Theme Keyword: name
Theme Keyword: correctional
Theme Keyword: delinquents
Theme Keyword: institutions
Theme Keyword: police
Theme Keyword: government
Theme Keyword: homeland defense
Theme Keyword: juveniles
Theme Keyword: detention
Theme Keyword: status
Theme Keyword: type
Theme Keyword: emergency response
Theme Keyword: prison boundaries
Theme Keyword: population
Theme Keyword: homeland security
Theme Keyword: facilities
Theme Keyword: address
Theme Keyword: centers
Theme Keyword: facility
Theme Keyword: prisons
Place:
Place Keyword Thesaurus: None
Place Keyword: Northern Mariana Islands
Place Keyword: Continental United States
Place Keyword: USA
Place Keyword: Virgin Islands
Place Keyword: Guam
Place Keyword: Alaska
Place Keyword: District of Columbia
Place Keyword: Hawaii

Place Keyword: Puerto Rico

Access Constraints: None (Public Domain Information)

Use Constraints: Access Constraint: None (Public Domain Information)Use Constraint: None (Public Use)Users are advised to read the data set's metadata thoroughly to understand appropriate use and data limitations.

Point of Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Oak Ridge National Laboratory

Contact Address:

Address Type: mailing and physical

Address: One Bethel Valley Rd, MS-6017

City: Oak Ridge

State or Province: TN

Postal Code: 37831

Country: US

Contact Voice Telephone: 865-241-3976

Contact Facsimile Telephone: 865-241-6261

Data Set Credit: Oak Ridge National Laboratory (ORNL) Geographic Information Science and Technology (GIST) Group, National Geospatial-Intelligence Agency (NGA) Homeland Security Infrastructure Program (HSIP) Team

Native Data Set Environment: Microsoft Windows Server 2008 R2 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.1.4959

Data Quality Information:

Attribute Value Accuracy Information:

Attribute Accuracy Report: No formal attribute accuracy test was conducted. Data from the authoritative sources (as identified in other sections of this metadata) is assumed to be correct and accurate. See also "Overview Description" in the "Entities and Attributes" metadata section.

Logical Consistency Report: Data were extracted from sources (identified in the SOURCE field) and other open source websites to populate the attribute fields; NOT AVAILABLE values (for string and date data types) and -999 values (for numeric data types) denote missing data that was not present in the source data. During quality control, attributes were checked to ensure that they fell within the expected ranges or had expected/valid values. Text attribute values were checked for spelling and usage consistency. No topology tests were conducted. All records were verified to occur within the spatial domain of the shapefile.

Completeness Report: Data is complete as of the most recent date indicated in the Time Period section.

Positional Accuracy:

Horizontal Positional Accuracy:

Horizontal Positional Accuracy Report: None; all efforts are made to place the geographic representation of the facility on-entity using the best available imagery from a wide variety of sources. Users should read and understand the VAL_METHOD metadata as well as the Processing Steps.

Vertical Positional Accuracy:

Vertical Positional Accuracy Report: None; dataset contains no vertical data.

Lineage:

Source Information:

Source Citation:

Citation Information:

Title: see SOURCE field

Type of Source Media: None

Source Time Period of Content:

Time Period Information:

Range of Dates/Times:

Beginning Date: 20081201

Ending Date: 20160307

Source Currentness Reference: observed

Source Citation Abbreviation: see SOURCE field

Process Step:

Process Description:

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Authoritative data sources are identified through open source research.
That data is then acquired and transformed into a usable data format.
The properly formatted data then goes through preprocessing steps that
includes a geocoding operation to give spatial context to the data. The
data goes through further refinement using remote sensing techniques.
After preprocessing, every record goes through a review process and
each polygon is determined by the outer most fence or the obvious
footprint of the building based on interpretation of the best available
imagery and open source information. Polygons were used to represent
the idea of population containment. The polygon attempts to outline the
area where the incarnated population is most likely to be at any given
period of time. The VAL_DATE field indicates the date in which the
review step took place.
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Spatial Data Organization Information:

Direct Spatial Reference Method: Vector

Point and Vector Object Information:

SDTS Terms Description:

SDTS Point and Vector Object Type: Complete chain

Point and Vector Object Count: 6350

Entity and Attribute Information:

Detailed Description:

Entity Type:

Entity Type Label: PrisonBndrys

Entity Type Definition: Attribute fields were populated using sources identified in the SOURCE field for the period covered in the Time Period metadata and other open source data. NOT AVAILABLE values (for string and date data types) and -999 values (for numeric data types) denote missing data that was not present in the source data. However, the missing data may be present in other sources not yet discovered and used in the creation and/or maintenance of this dataset. These records may be populated with valid information in future update cycles.

Entity Type Definition Source: Oak Ridge National Laboratory, National Geospatial-Intelligence Agency (NGA) Homeland Security Infrastructure Program (HSIP) Team

Attribute:

Attribute Label: COUNTRY

Attribute Definition: Country Code (3 character).

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Codeset Domain:

Codeset Name: Geopolitical Entities, Names, and Codes (GENC) Standard

Codeset Source: National System for Geospatial Intelligence (NSG) Standards Registry (https://nsgreg.nga.mil/genc/discovery)

Attribute:

Attribute Label: POPULATION

Attribute Definition: "Current" incarcerated population at the feature. (-999 values denote missing data that was not present in the source data.)

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute Domain Values:

Range Domain:

Range Domain Minimum: 0

Range Domain Maximum: 9000

Attribute Units of Measure: person

Attribute:

Attribute Label: TYPE

Attribute Definition: Specific categorical breakdown for the feature (jurisdiction).

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: FEDERAL

Enumerated Domain Value Definition: A facility that is owned, operated, or contracted by the federal government.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: STATE

Enumerated Domain Value Definition: A facility that is owned, operated, or contracted by a state government.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: LOCAL

Enumerated Domain Value Definition: A facility that is owned, operated, or contracted by a local government.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: MULTI

Enumerated Domain Value Definition: A private facility with contracts to hold prisoners from more than one type of jurisdiction.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: NOT AVAILABLE

Enumerated Domain Value Definition: NOT AVAILABLE values (for string and date type fields) and -999 values (for numeric fields) fields denote missing data based strictly on the fact the information was not present in the source data (referenced in the source field) . However the missing information may be present in other sources which have not been used for creating this dataset.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: COUNTY

Enumerated Domain Value Definition: A facility that is owned, operated, or contracted by a county government.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute:

Attribute Label: SECURELVL

Attribute Definition: Security level of feature. Features with multiple levels of security are classified at the highest level of security the facility can maintain.

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: NOT AVAILABLE

Enumerated Domain Value Definition: NOT AVAILABLE values (for string and date type fields) and -999 values (for numeric fields) fields denote missing data based strictly on the fact the information was not present in the source data (referenced in the source field) . However the missing information may be present in other sources which have not been used for creating this dataset.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: MAXIMUM

Enumerated Domain Value Definition: Maximum security institutions have highly secured perimeters (featuring walls or reinforced fences), multiple and single occupant cell housing, the highest staff-to-inmate ratio, and close control of inmate movement.

Enumerated Domain Value Definition Source: The responsible organization as identified in the SOURCE field

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: MINIMUM

Enumerated Domain Value Definition: Minimum security facilities have double-fenced perimeters, mostly dormitory or cubicle housing, and strong work and program components. Minimum security facilities also include work camps, work release, etc. These types of facilities often feature dormitory housing, a relatively low staff-to-inmate ratio, limited or no perimeter fencing, and are work and program oriented.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory using a combined definition of Low and Minimum security facilities from BOP.(https://www.bop.gov/about/facilities/federal_prisons.jsp)

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: JUVENILE

Enumerated Domain Value Definition: Facilities that are in charge of housing and rehabilitation of inmates tried by a juvenile justice court.

Enumerated Domain Value Definition Source: The responsible organization as identified in the SOURCE field

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: CLOSE

Enumerated Domain Value Definition: The close security classification is a unique class of facilities used, and defined, by state and private organizations. This level of security can sometimes be higher than maximum depending on the organization, but these facilities are almost always higher security than medium.

Enumerated Domain Value Definition Source: The responsible organization as identified in the SOURCE field

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: MEDIUM

Enumerated Domain Value Definition: Medium security facilities have strengthened perimeters (often double fences with electronic detection systems), mostly cell-type housing, a wide variety of work and treatment programs, an even higher staff-to-inmate ratio than minimum security facilities, and even greater internal controls.

Enumerated Domain Value Definition Source: The responsible organization as identified in the SOURCE field

Attribute:

Attribute Label: WEBSITE

Attribute Definition: The feature specific website.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute:

Attribute Label: VAL_METHOD

Attribute Definition: Methodology used to validate geospatial location and/or attribution for the feature.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: INTERNET SOURCE ONLY

Enumerated Domain Value Definition: Internet Only.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: UNVERIFIED

Enumerated Domain Value Definition: Feature could not be located or the feature has not yet been validated.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: BOTH INTERNET OR MAP ONLY

Enumerated Domain Value Definition: Both Imagery and Internet.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: IMAGERY OR MAP ONLY

Enumerated Domain Value Definition: The best available imagery or map used to determine the location.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute:

Attribute Label: SHAPE

Attribute Definition: Feature geometry.

Attribute Definition Source: Esri

Attribute Domain Values:

Unrepresentable Domain: Coordinates defining the features.

Attribute:

Attribute Label: NAICS_DESC

Attribute Definition: The North American Industry Classification System (NAICS) definition is the standard used by Federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Codeset Domain:

Codeset Name: North American Industry Classification System, 2012

Codeset Source: US Census (http://www.census.gov/eos/www/naics/index.html)

Attribute:

Attribute Label: STATUS

Attribute Definition: Operational status of the feature.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: OPEN

Enumerated Domain Value Definition: Currently housing inmates and/or actively contracted to house inmates.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: NOT AVAILABLE

Enumerated Domain Value Definition: NOT AVAILABLE values (for string and date type fields) and -999 values (for numeric fields) fields denote missing data based strictly on the fact the information was not present in the source data (referenced in the source field) . However the missing information may be present in other sources which have not been used for creating this dataset.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: CLOSED

Enumerated Domain Value Definition: No current inmate population and no active contract to house inmates.

Enumerated Domain Value Definition Source: Oak Ridge National Laboratory

Attribute:

Attribute Label: VAL_DATE

Attribute Definition: Date when geospatial location and/or attribution were last validated for the feature.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Range Domain:

Range Domain Minimum: 0

Range Domain Maximum: 0

Attribute Units of Measure: Date

Attribute:

Attribute Label: SOURCEDATE

Attribute Definition: Date of the source, or, if not available, the date ORNL accessed the source.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Range Domain:

Range Domain Minimum: 0

Range Domain Maximum: 0

Attribute Units of Measure: Date

Attribute:

Attribute Label: FACILITYID

Attribute Definition: Unique ID for each feature.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute:

Attribute Label: TELEPHONE

Attribute Definition: General telephone number in the following format or reformatted to from the SOURCE to: (xxx) xxx-xxxx ext xxx.

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute:

Attribute Label: CITY

Attribute Definition: City name.

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute:

Attribute Label: NAICS_CODE

Attribute Definition: The North American Industry Classification System (NAICS) code is the standard used by Federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Codeset Domain:

Codeset Name: North American Industry Classification System, 2012

Codeset Source: US Census (http://www.census.gov/eos/www/naics/index.html)

Attribute:

Attribute Label: COUNTYFIPS

Attribute Definition: US County FIPS Code (5 digit).

Attribute Definition Source: Oak Ridge National Laboratory

Attribute Domain Values:

Codeset Domain:

Codeset Name: FIPS Code (5-Digit State and County ID)

Codeset Source: FIPS/Census (http://www.census.gov/geo/reference/codes/cou.html)

Attribute:

Attribute Label: COUNTY

Attribute Definition: United States and its Territories county name and legal/statistical area description (county, borough, parish, municipality, census area).

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute:

Attribute Label: CAPACITY

Attribute Definition: Maximum number of inmates that can be housed at the feature. (-999 values denote missing data that was not present in the source data.)

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute Domain Values:

Range Domain:

Range Domain Minimum: 0

Range Domain Maximum: 10000

Attribute Units of Measure: bed

Attribute:

Attribute Label: SOURCE

Attribute Definition: Original source used to identify geospatial location and/or attribution for the feature.

Attribute Definition Source: Oak Ridge National Laboratory

Attribute:

Attribute Label: FID

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: ZIP4

Attribute Definition: Extended Zip Code (4 digit).

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute Domain Values:

Codeset Domain:

Codeset Name: US Postal Extended Zip Codes (4 digit).

Codeset Source: United States Postal Service (https://www.usps.com)

Attribute:

Attribute Label: ZIP

Attribute Definition: Zip Code (5 digit).

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute Domain Values:

Codeset Domain:

Codeset Name: US Postal Zip Codes

Codeset Source: United States Postal Service (https://www.usps.com)

Attribute:

Attribute Label: STATE

Attribute Definition: State abbreviation.

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute Domain Values:

Codeset Domain:

Codeset Name: Two–Letter State and Possession Abbreviations

Codeset Source: United States Postal Service (https://www.usps.com)

Attribute:

Attribute Label: ADDRESS2

Attribute Definition: Supplemental street address (e.g., Apt, Suite, Floor).

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute:

Attribute Label: ADDRESS

Attribute Definition: Primary street address or PO Box.

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Attribute:

Attribute Label: NAME

Attribute Definition: Feature name.

Attribute Definition Source: The responsible organization as identified in the SOURCE field.

Overview Description:

Entity and Attribute Overview:

The entity and attribute information provided here describes the tabular data associated with the data set. Please review the detailed descriptions that are provided (the individual attribute descriptions) for information on the values that appear as fields/table entries of the data set. Please see the "Processing Steps" section for further methodology. Some features within this dataset were collected using image processing. NOT AVAILABLE values (for string and date data types) and -999 values (for numeric data types) denote missing data that was not present in the source data. However, the missing data may be present in other sources not yet discovered and used in the creation and/or maintenance of this dataset. These records may be populated with valid information in future update cycles.

Entity and Attribute Detail Citation: Oak Ridge National Laboratory, National Geospatial-Intelligence Agency (NGA) Homeland Security Infrastructure Program (HSIP) Team

Distribution Information:

Distributor:

Contact Information:

Contact Organization Primary:

Contact Organization: HIFLD Subcommittee

Contact Electronic Mail Address: hifld@hq.dhs.gov

Distribution Liability: Distributor assumes no liability for misuse of the data.

Standard Order Process:

Digital Form:

Digital Transfer Information:

Format Name: Vector Digital Data Set (Polygon)

Fees: None. No fees are applicable for obtaining the data set.

Metadata Reference Information:

Metadata Date: 20161116

Metadata Contact:

Contact Information:

Contact Organization Primary:

Contact Organization: Oak Ridge National Laboratory

Contact Address:

Address Type: mailing and physical

Address: One Bethel Valley Rd, MS-6017

City: Oak Ridge

State or Province: TN

Postal Code: 37831

Country: US

Contact Voice Telephone: 865-241-3976

Contact Facsimile Telephone: 865-241-6261

Metadata Standard Name: FGDC Content Standard for Digital Geospatial Metadata

Metadata Standard Version: FGDC-STD-001-1998

Metadata Time Convention: local time