

# NursingHomes

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## Identification Information:

**Citation:**

**Citation Information:**

**Publication Date:** 20160714

**Title:** NursingHomes

**Geospatial Data Presentation Form:** Vector Digital Data Set (Point)

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

**Larger Work Citation:**

**Citation Information:**

**Title:** HIFLD Open and HIFLD Secure

**Geospatial Data Presentation Form:** GIS Data Project/Collection

**Description:**

**Abstract:** The Nursing Home / Assisted Care shapefile contains facilities that house elderly adults. This shapefile's attribution contains physical and demographic information for facilities in the continental United States, Hawaii, Alaska, District of Columbia and Puerto Rico. The purpose of this shapefile is to provide accurate locations for high concentrations of elderly adults in the event of a disaster. The attribution within this shapefile was populated via open source methodologies of authoritative sources.

**Purpose:** This shapefile contains nursing and assisted care 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:** 20110820

**Ending Date:** 20160322

**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:** -161.766028

**East Bounding Coordinate:** -65.835341

**North Bounding Coordinate:** 71.299032

**South Bounding Coordinate:** 17.997109

**Keywords:**

**Theme:**

**Theme Keyword Thesaurus:** None

**Theme Keyword:** assisted living

**Theme Keyword:** convalescent

**Theme Keyword:** nursing home

**Theme Keyword:** alzheimer

**Theme Keyword:** homeland defense  
**Theme Keyword:** population  
**Theme Keyword:** retirement community  
**Theme Keyword:** name  
**Theme Keyword:** skilled nursing  
**Theme Keyword:** continuing care  
**Theme Keyword:** facility characteristics  
**Theme Keyword:** elderly care  
**Theme Keyword:** homeland security  
**Theme Keyword:** status  
**Theme Keyword:** type  
**Theme Keyword:** emergency response  
**Theme Keyword:** address  
**Theme Keyword:** rest home  
**Theme Keyword:** manor

**Place:**

**Place Keyword Thesaurus:** None  
**Place Keyword:** Continental United States  
**Place Keyword:** USA  
**Place Keyword:** Alaska  
**Place Keyword:** District of Columbia  
**Place Keyword:** Hawaii  
**Place Keyword:** Puerto Rico

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

**Use Constraints:** 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

**Geospatial Data Presentation Form:** Other

**Publication Information:**

**Publisher:** see SOURCE field

**Type of Source Media:** None

**Source Time Period of Content:**

**Time Period Information:**

**Range of Dates/Times:**

**Beginning Date:** 20110820

**Ending Date:** 20160322

**Source Currentness Reference:** observed

**Source Citation Abbreviation:** see SOURCE field

**Process Step:**

**Process Description:**

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 point is moved to a facility based on-entity location based on interpretation of the best available imagery and open source information. The VAL\_DATE field indicates the date in which the review step took place.

**Entity and Attribute Information:**

**Detailed Description:**

**Entity Type:**

**Entity Type Label:** NursingHomes

**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:** SHAPE

**Attribute Definition:** Feature geometry.

**Attribute Definition Source:** Esri

**Attribute Domain Values:**

**Unrepresentable Domain:** Coordinates defining the features.

**Attribute:**

**Attribute Label:** CITY

**Attribute Definition:** City name.

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

**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:** WEBSITE

**Attribute Definition:** The feature specific website.

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

**Attribute:**

**Attribute Label:** ID

**Attribute Definition:** Unique ID for each feature.

**Attribute Definition Source:** Oak Ridge National Laboratory

**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:** 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/>)

**Attribute:**

**Attribute Label:** STATE\_LIC

**Attribute Definition:** State issued license number of the feature.

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

**Attribute:**

**Attribute Label:** MEDICAREID

**Attribute Definition:** Identification number for Medicare associated with the feature.

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

**Attribute:**

**Attribute Label:** OWNERSHIP

**Attribute Definition:** Legal owner, operating company, or ownership type of feature.

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

**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:** 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

**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:** MEDICAIDID

**Attribute Definition:** Identification number for Medicaid associated with the feature.

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

**Attribute:**

**Attribute Label:** EXCESS\_BED

**Attribute:**

**Attribute Label:** TYPE

**Attribute Definition:** Specific categorical breakdown for the feature.

**Attribute Definition Source:** Oak Ridge National Laboratory

**Attribute Domain Values:**

**Enumerated Domain:**

**Enumerated Domain Value:** NURSING HOME

**Enumerated Domain Value Definition:** Skilled nursing facility with 24 hour nursing staff.

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Enumerated Domain:**

**Enumerated Domain Value:** NOT AVAILABLE

**Enumerated Domain Value Definition:** Please see "Entity Type Definition" section.

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Enumerated Domain:**

**Enumerated Domain Value:** ASSISTED CARE

**Enumerated Domain Value Definition:** Care facility that houses elderly adults that do not require 24 hour nursing staff.

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Enumerated Domain:**

**Enumerated Domain Value:** CONTINUING CARE RETIREMENT COMMUNITY

**Enumerated Domain Value Definition:** Community based living for elderly adults that have on-site nursing facilities.

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**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/>)

**Attribute:**

**Attribute Label:** COUNTYFIPS

**Attribute Definition:** US County Federal Information Processing Standards (FIPS) Code (5 digit).

**Attribute Definition Source:** Oak Ridge National Laboratory

**Attribute Domain Values:**

**Codeset Domain:**

**Codeset Name:** 2010 FIPS Codes for Counties and County Equivalent Entities.

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

**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:** TOT\_STAFF

**Attribute Definition:** Total staff of the feature.

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

**Attribute:**

**Attribute Label:** TOT\_RES

**Attribute Definition:** Total residents of the feature.

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

**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:** 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:** UNVERIFIED

**Enumerated Domain Value Definition:** Feature could not be located.

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Enumerated Domain:**

**Enumerated Domain Value:** GEOCODE

**Enumerated Domain Value Definition:** Street address geocoding used to determine the location but the location has not yet been validated.

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Enumerated Domain:**

**Enumerated Domain Value:** IMAGERY/OTHER

**Enumerated Domain Value Definition:** Imagery and supplemental open source information used to determine the location.

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Enumerated Domain:**

**Enumerated Domain Value:** IMAGERY

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

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Attribute:**

**Attribute Label:** SOURCETYPE

**Attribute Definition:** Supplied facility type of the feature.

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

**Attribute:**

**Attribute Label:** BEDS

**Attribute Definition:** Number of beds in the feature.

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

**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 Zip Codes

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

**Attribute:**

**Attribute Label:** LONGITUDE

**Attribute Definition:** The angular distance east or west from the prime meridian on the earth's surface.

**Attribute Definition Source:** Oak Ridge National Laboratory

**Attribute Domain Values:**

**Range Domain:**

**Range Domain Minimum:** -161.766028

**Range Domain Maximum:** -65.835341

**Attribute:**

**Attribute Label:** LATITUDE

**Attribute Definition:** The angular distance north or south from the equator on the earth's surface.

**Attribute Definition Source:** Oak Ridge National Laboratory

**Attribute Domain Values:**

**Range Domain:**

**Range Domain Minimum:** 17.997109

**Range Domain Maximum:** 71.299032

**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:** COUNTY

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

**Attribute Definition Source:** When the county name is available from a specific source, the contents are replicated from the SOURCE. Otherwise, ORNL assigns the value based on open source searches.

**Attribute:**

**Attribute Label:** POPULATION

**Attribute Definition:** Sum of TOT\_RES and TOT\_STAFF, when both available from source. Otherwise will equal TOT\_RES, if TOT\_RES and TOT\_STAFF are null then field will equal BEDS. In the event TOT\_RES, TOT\_STAFF, and BEDS are null, then POPULATION will be null.

**Attribute Definition Source:** Oak Ridge National Laboratory

**Attribute Domain Values:**

**Range Domain:**

**Range Domain Minimum:** 1

**Range Domain Maximum:** 1440

**Attribute Units of Measure:** person

**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:** NOT AVAILABLE

**Enumerated Domain Value Definition:** Please see "Entity Type Definition" section.

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Enumerated Domain:**

**Enumerated Domain Value:** OPEN

**Enumerated Domain Value Definition:** Facility is operational and contains residents

**Enumerated Domain Value Definition Source:** Oak Ridge National Laboratory

**Attribute:**

**Attribute Label:** STATE

**Attribute Definition:** State abbreviation(United States and its Territories).

**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

**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](mailto: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:** 20161012

**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