

Data Management Plan (DMP) for Military Bases 1995-Present Dataset

U.S. Department of Defense (DOD)

Office of the Assistant Secretary of Defense for Energy, Installations, and Environment (OASD(EI&E)),

U.S. Department of Transportation (USDOT)

Bureau of Transportation Statistics (BTS)

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Change log:

2021-03-12: Initial DMP written

2025-05-29: Document revised, including dataset description.

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0. Dataset and Contact Information

Title of Dataset: Military Bases 1995-Present Dataset

URL: <https://doi.org/10.21949/1520817>

This is an ☐ initial DMP or a ☒ revised DMP.

Organizational Contact Information

Institution: U.S. Department of Defense (DOD), Office of the Assistant Secretary of Defense for Energy, Installations, and Environment (OASD(EI&E))

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Data Distributor Contact Information

Name: National Transportation Atlas Database (NTAD)

Institution: U.S. Department of Transportation, Bureau of Transportation Statistics (BTS)

Address: 1200 New Jersey Ave. SE, Washington D.C. 20590

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1. Data Description:

The Military Bases 1995-Present dataset, formerly known as Military Installations, is from the Office of the Assistant Secretary of Defense for Energy, Installations, and Environment (OASD(EI&E)), and is part of the U.S. Department of Transportation (USDOT)/Bureau of Transportation Statistics' (BTS's) National Transportation Atlas Database (NTAD). The dataset depicts the authoritative locations of the most commonly known Department of Defense (DoD) sites, installations, ranges, and training areas world-wide. These sites encompass land which is federally owned or otherwise managed. This dataset was created from source data provided by the four Military Service Component headquarters and was compiled by the Defense Installation Spatial Data Infrastructure (DISDI) Program within the Office of the Assistant Secretary of Defense for Energy, Installations, and Environment. Only sites reported in the BSR or released in a map supplementing the Foreign Investment Risk Review Modernization Act of 2018 (FIRRMA) Real Estate Regulation (31 CFR Part 802) were considered for inclusion. This list does not necessarily represent a comprehensive collection of all Department of Defense facilities. For inventory purposes, installations are comprised of sites, where a site is defined as a specific geographic location of federally owned or managed land and is assigned to military installation. DoD installations are commonly referred to as a base, camp, post, station, yard, center, homeport facility for any ship, or other activity under the jurisdiction, custody, control of the DoD.

While every attempt has been made to provide the best available data quality, this data set is intended for use at mapping scales between 1:50,000 and 1:3,000,000. For this reason, boundaries in this data set may not perfectly align with DoD site boundaries depicted in other federal data sources. Maps produced at a scale of 1:50,000 or smaller which otherwise comply with National Map Accuracy Standards, will remain compliant when this data is incorporated. Boundary data is most suitable for larger scale maps; point locations are better suited for mapping scales between 1:250,000 and 1:3,000,000.

If a site is part of a Joint Base (effective/designated on 1 October, 2010) as established under the 2005 Base Realignment and Closure process, it is attributed with the name of the Joint Base. All sites comprising a Joint Base are also attributed to the responsible DoD Component, which is not necessarily the pre-2005 Component responsible for the site.

2. Standards Employed:

The data files collected here are saved in the ubiquitous and common geospatial shapefile (.shp) and file geodatabase (.gdb) formats.

As the files created for this ingest were migrations from the original format in a SQL geodatabase, each data file name includes a date stamp indicating when the data in the shapefile was from.

Documentation will include this data management plan, and the metadata and readme files created in 2021.

Documentation will also include the shapefiles, data dictionary, and relevant supporting files created alongside the data from 1995-Present.

A Project Open Data Version 1.1 .xml metadata file will be created to describe the archival location of this data, and that .xml file will be uploaded to data.gov and transportation.data.gov

Necessary software tools: The file formats found in the zip files include: .txt files which can be opened using any text editor; .dbf files, which can be opened with Microsoft Excel; shapefiles (.shp, .shx, and .dbf) which can be opened with any GIS software program; and .pdf files which can be opened with PDF readers.

3. Access Policies:

These data files are in the public domain, and can be shared without restriction. The data files contain no

sensitive information.

4. Re-Use, Redistribution, and Derivative Products Policies:

These data are managed by the Bureau of Transportation Statistics. The data are in the public domain, and may be re-used without restriction.

Citation of the data is appreciated. Please use the following recommended citation:

U.S. Department of Defense (DOD), Office of the Assistant Secretary of Defense for Energy, Installations, and Environment (OASD(EI&E)); U.S. Department of Transportation, Bureau of Transportation Statistics (BTS) [distributor]. Military Bases 1995-Present [datasets]. <https://doi.org/10.21949/1520817>

5. Archiving and Preservation Plans:

The dataset will be archived in the National Transportation Library Repository and Open Science Access Portal (ROSA P). Prior to archiving, the data are stored on the secured BTS networks and drives, which are backed up nightly. The US DOT systems are secured from outside users and backed up daily.

Files in ROSA P are backed up in NTL drives at US DOT, daily; at the Centers for Disease Control, the repository managing facility, daily; and in Amazon Web Service Cloud servers in Virginia and Oregon daily.

The dataset will be retained in perpetuity.

NTL staff will mint persistent Digital Object Identifiers (DOIs) for each dataset stored in ROSA P. These DOIs will be associated with dataset documentation as soon as they become available for use.

The DOIs associated with this dataset include: <https://doi.org/10.21949/1520817>

The assigned DOI resolves to the repository landing page for the “Military Bases 1995-Present” dataset, so that users may locate associated metadata and supporting files.

ROSA P meets all the criteria outlined on the “Guidelines for Evaluating Repositories for Conformance with the DOT Public Access Plan” page: <https://ntl.bts.gov/publicaccess/evaluatingrepositories.html>

6. Policies Affecting this Data Management Plan

This document was created to meet the requirements enumerated in the U.S. Department of Transportation's Plan to Increase Public Access to the Results of Federally-Funded Scientific Research' Version 1.1 << <https://doi.org/10.21949/1520559> >> and guidelines suggested by the DOT Public Access website << <https://doi.org/10.21949/1503647> >>, in effect and current as of December 03, 2020.