

# **Data Management Plan (DMP) for Passenger Intermodal Facility (IPCD) 2013-Present Dataset**

U.S. Department of Transportation (USDOT)

Bureau of Transportation Statistics (BTS),

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**Persistent link: <https://doi.org/10.21949/1520845>**

## **Recommended Citation:**

U.S. Department of Transportation, Bureau of Transportation Statistics. (2020). Passenger Intermodal Facility (IPCD) 2013-Present [datasets]. <https://doi.org/10.21949/1520845>.

## **Change log:**

2021-03-29: Initial DMP written

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## **0. Dataset and Contact Information**

Title of Dataset: Passenger Intermodal Facility (IPCD) 2013-Present Dataset

URL: <https://doi.org/10.21949/1520845>

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

### **Organizational Contact Information**

Name: Passenger Intermodal Facility (IPCD) 2013-Present Dataset

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

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### **Data Distributor Contact Information**

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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 Intermodal Passenger Connectivity Database (IPCD) 2013-Present dataset is part of the U.S. Department of Transportation (USDOT)/Bureau of Transportation Statistics (BTS') National Transportation Atlas Database (NTAD). The IPCD is a nationwide database of passenger transportation terminals, with data on the availability

of connections among the various scheduled public transportation modes at each facility. The IPCD data covers the following types of passenger transportation terminals/stops: 1. Scheduled airline service airports. 2. Intercity bus stations (includes stations served by regular scheduled intercity bus service such as Greyhound, Trailways, code sharing buses such as Amtrak Thruway feeder buses, supplemental buses that provide additional frequencies along rail routes, and airport bus services from locations that are outside of the airport metropolitan area). 3. Intercity and transit ferry terminals. 4. Light-rail transit stations. 5. Heavy-rail transit stations. 6. Passenger-rail stations on the national rail network served by intercity rail and/or commuter rail services. 7. Bike-share stations belonging to bike-share systems that are open to the general public, IT-automated, and station based (contain hubs to which users can grab and return a bike) The data elements describe the location of the above types of terminals as well as the availability of intercity, commuter, and transit rail; scheduled air service; intercity and transit bus; intercity and transit ferry services; and bike-share availability. Transit bus service locations are not specifically included in the database. However, the status of transit bus as a connecting mode is included for each bike-share facility in the database.

## **2. Standards Employed:**

The data files collected here are saved in the ubiquitous and common geospatial shapefile (.shp) format. 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 2020. Documentation will also include the shapefiles, data dictionary, and relevant supporting files created alongside the data from 2013-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-use without restriction.

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

U.S. Department of Transportation, Bureau of Transportation Statistics. (2020). Passenger Intermodal Facility (IPCD) 2013-Present [datasets]. <https://doi.org/10.21949/1520845>

## **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/10.21949/1520845>

The assigned DOI resolves to the repository landing page for the “Passenger Intermodal Facility (IPCD) 2013-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 readme 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.