

Data Management Plan (DMP) for Air Travel Consumer Report (ATCR) Datasets

U.S. Department of Transportation (USDOT)

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2021-07-08: Initial DMP written

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0. Dataset and Contact Information

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U.S. Department of Transportation, Bureau of Transportation Statistics, National Transportation Library

Title of Dataset: Air Travel Consumer Report (ATCR) Datasets

URL: <https://doi.org/10.21949/1530604>

This is an initial DMP or a revised DMP.

Organizational Contact Information

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1. Data Description:

The Air Travel Consumer Report is a monthly product of the Department of Transportation's Office of Aviation Consumer Protection. The report is designed to assist consumers with information on the quality of services provided by the airlines.

2. Standards Employed:

The data files collected here are saved in the ubiquitous and common .csv file format as well as the Excel .xlsx file format. These data tables have been extracted from the original reports using ABBYY FineReader PDF Software. This data was exported and cleaned by the NTL Data Services Team. Documentation will include this data management plan, a metadata file, and a readme file. A DCAT-US v1.1 .json metadata file will be created

to describe the archival location of this data, and that .json file will be uploaded to data.gov and transportation.data.gov

The .xlsx and .xls file types are Microsoft Excel files, which can be opened with Excel, and other free available spreadsheet software, such as OpenRefine. The .csv, Comma Separated Value, file is a simple format that is designed for a database table and supported by many applications. The .csv file is often used for moving tabular data between two different computer programs, due to its open format. The most common software used to open .csv files are Microsoft Excel and RecordEditor, (for more information on .csv files and software, please visit <https://www.file-extensions.org/csv-file-extension>). The file extension .md is among others related to texts and source codes in Markdown markup language. Markdown is a lightweight markup language, to write using an easy-to-read, easy-to-write plain text format, then convert it to structurally valid XHTML (or HTML) (for more information on .md files and software, please visit <https://www.file-extensions.org/md-file-extension>). File extension .json is associated to JavaScript Object Notation file format, a lightweight, text-based, language-independent data interchange format. JSON defines a small set of formatting rules for the portable representation of structured data. It is used by various applications as alternative option to XML file format. The data in a json file are stored in simple text file format and the content is viewable in any simple text editor (for more information on .json files and software, please visit <https://www.file-extensions.org/json-file-extension>).

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 National Transportation Library. 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 Transportation. Air Travel Consumer Report (ATCR) [datasets].
<https://doi.org/10.21949/1530604>

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/10.21949/1530604>

The assigned DOI resolves to the repository landing page for the “for Air Travel Consumer Report (ATCR)” datasets, 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 data management plan 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 April 3, 2024.