Data Management Plan (DMP) for Commodity Flow Survey (CFS) 2007 Dataset
Bureau of Transportation Statistics (BTS),
U.S. Department of Transportation (USDOT)
2021-02-10

Persistent link:

Recommended Citation:
U.S. Department of Transportation, Bureau of Transportation Statistics. (2007). Commodity Flow Survey (CFS) 2007 [datasets]. https://doi.org/10.21949/1520469

Change log:
2021-02-10: Initial DMP written

CONTENTS

0. Dataset and Contact Information

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U.S. Department of Transportation, Bureau of Transportation Statistics, National Transportation Library
Title of Dataset: Commodity Flow Survey (CFS) 2007 Dataset
URL: https://doi.org/10.21949/1520469
This is an ☒ initial DMP or a ☐ revised DMP.

Organizational Contact Information
Name: Commodity Flow Survey
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1. Data Description:

The 2007 Commodity Flow Survey (CFS) is undertaken through a partnership between the U.S. Census Bureau, U.S. Department of Commerce and the Research and Innovative Technology Administration (RITA), Bureau of Transportation Statistics (BTS), U.S. Department of Transportation. This survey produces data on the movement of goods in the United States. It provides information on commodities shipped, their value, weight, and mode of transportation, as well as the origin and destination of shipments of commodities from

manufacturing, mining, wholesale, and select retail and services establishments. The CFS data are used by policy makers and transportation planners in various federal, state, and local agencies for assessing the demand for transportation facilities and services, energy use, and safety risk and environmental concerns. Additionally, business owners, private researchers, and analysts use the CFS data for analyzing trends in the movement of goods, mapping spatial patterns of commodity and vehicle flows, forecasting demands for the movement of goods, and determining needs for associated infrastructure and equipment. The CFS was conducted previously in 2002, 1997, and 1993.

2. Standards Employed:

The data files collected here are saved in the ubiquitous and common .csv file format.
Documentation will include this data management plan, and the metadata and readme files created in 2021.
Documentation will also include the variable definitions, tables, data dictionary, and relevant supporting files created alongside the data from 2007.
A Project Open Data Version 1.1 .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
Necessary software tools: The file formats found in the zip files include: .txt files and .csv files, which can be opened using any text editor; .xls files, which can be opened with Microsoft Excel, and other free available software, such as OpenRefine; .json files, which can be opened in text editors or xml editors; 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. (2007). Commodity Flow Survey (CFS) 2007 [datasets]. https://doi.org/10.21949/1520469

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/10.21949/1520469

The assigned DOI resolves to the repository landing page for the “Commodity Flow Survey (CFS) 2007” 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 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 December 03, 2020.