

Data Management Plan (DMP) for Vehicle Inventory and Use Survey (VIUS) 1997 Dataset

Bureau of Transportation Statistics (BTS),
U.S. Department of Transportation (USDOT)
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U.S. Department of Transportation, Bureau of Transportation Statistics. (1997). Vehicle Inventory and Use Survey (VIUS) 1997 [datasets]. <https://doi.org/10.21949/1521118>

Change log:

2021-03-24: Initial DMP written

CONTENTS

0. Dataset and Contact Information
1. Data Description
2. Standards Employed
3. Access Policies
4. Re-Use, Redistribution, and Derivative Products Policies
5. Archiving and Preservation Plans
6. Policies Affecting this Data Management Plan

0. Dataset and Contact Information

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

Title of Dataset: Vehicle Inventory and Use Survey (VIUS) 1997 Dataset

URL: <https://doi.org/10.21949/1521118>

This is an initial DMP or a revised DMP.

Organizational Contact Information

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1. Data Description:

The Vehicle Inventory and Use Survey (VIUS) provides data on the physical and operational characteristics of the Nation's truck population. The 1997 VIUS is a probability sample of private and commercial trucks registered (or licensed) in the United States as of July 1, 1997. This survey excludes vehicles owned by Federal, state, or local governments; ambulances; buses; motor homes; farm tractors; unpowered trailer units; and trucks reported to have been sold, junked, or wrecked prior to July 1, 1996. A sample of about 131,000 trucks was

surveyed to measure the characteristics of nearly 75 million trucks registered in the United States.

The VIUS was first conducted in 1963. It has since been conducted every 5 years as part of the economic census. Title 13 of the United States Code (Sections 131, 191, and 224) directs the U.S. Census Bureau to take the economic census every 5 years, covering years ending in 2 and 7.

2. Standards Employed:

The data files collected here are saved in the ubiquitous and common .csv file format.

As the files created for this ingest were migrations from the original format SAS, each data file name includes a date and time stamp indicating when the .csv was created.

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 1997.

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. (1997). Vehicle Inventory and Use Survey (VIUS) 1997 [datasets]. <https://doi.org/10.21949/1521118>

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/10.21949/1521118>

The assigned DOI resolves to the repository landing page for the “Vehicle Inventory and Use Survey (VIUS) 1997” 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.