

README for “Commodity Flow Survey (CFS) 2007” dataset.

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

2021-02-10

LINKS TO DATASET

A. Dataset archive link:

<https://doi.org/10.21949/1520469>

SUMMARY OF DATASET

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.

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A. GENERAL INFORMATION

0. Title of Dataset:

Commodity Flow Survey (CFS) 2007 [dataset]

1. Description of Dataset:

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. Dataset archive link:

<https://doi.org/10.21949/1520469>

3. Authorship Information:

Principal Data Creator or Data Manager Contact Information

Institution: Bureau of Transportation Statistics, U.S.

Department of Transportation

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Associate Data Creator or Data Manager Contact Information

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

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

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4. Date of data collection and update interval:

2007

5. Geographic location of data collection:

United States of America

6. Information about funding sources that supported the collection of the data:

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

B. SHARING/ACCESS & POLICIES INFORMATION

0. Recommended citation for the data:

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

1. Licenses/restrictions placed on the data:

These data are in the Public Domain.

2. Was data derived from another source?:

No.

3. This dataset and its documentation was created and shared to meet the requirements enumerated in the U.S. 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.

C. DATA & RELATED FILE OVERVIEW

1. File List for the `bts_Commodity_Flow_Survey_2007_DATA_and_Documentation.zip` collection. The data files are divided into 5 folders under the categories: exports, hazardous materials, metropolitan areas, states, united states, and origin-destination.

A. Filename: Exports Folder

1. `bts_commodity_flow_survey_exports_2007_table_01a.csv`
2. `bts_commodity_flow_survey_exports_2007_table_01b.csv`
3. `bts_commodity_flow_survey_exports_2007_table_01c.csv`
4. `bts_commodity_flow_survey_exports_2007_table_02a.csv`
5. `bts_commodity_flow_survey_exports_2007_table_02b.csv`
6. `bts_commodity_flow_survey_exports_2007_table_02c.csv`
7. `bts_commodity_flow_survey_exports_2007_table_03a.csv`
8. `bts_commodity_flow_survey_exports_2007_table_03b.csv`
9. `bts_commodity_flow_survey_exports_2007_table_03c.csv`
10. `bts_commodity_flow_survey_exports_2007_table_04a.csv`
11. `bts_commodity_flow_survey_exports_2007_table_04b.csv`
12. `bts_commodity_flow_survey_exports_2007_table_04c.csv`
13. `bts_commodity_flow_survey_exports_2007_table_05a.csv`
14. `bts_commodity_flow_survey_exports_2007_table_05b.csv`
15. `bts_commodity_flow_survey_exports_2007_table_05c.csv`
16. `bts_commodity_flow_survey_exports_2007_table_06.csv`
17. `bts_commodity_flow_survey_exports_2007_table_07a.csv`
18. `bts_commodity_flow_survey_exports_2007_table_07b.csv`
19. `bts_commodity_flow_survey_exports_2007_table_07c.csv`
20. `bts_commodity_flow_survey_exports_2007_table_08.csv`
21. `bts_commodity_flow_survey_exports_2007_table_list.pdf`

Short description:

CSV files that contains the survey data that was collected for 2007, focused on the exports report and the associated tables.

B. Filename: Hazardous Materials Folder

1. `bts_commodity_flow_survey_hazardous_2007_table_01a.csv`
2. `bts_commodity_flow_survey_hazardous_2007_table_01b.csv`
3. `bts_commodity_flow_survey_hazardous_2007_table_01c.csv`
4. `bts_commodity_flow_survey_hazardous_2007_table_02a.csv`
5. `bts_commodity_flow_survey_hazardous_2007_table_02b.csv`
6. `bts_commodity_flow_survey_hazardous_2007_table_02c.csv`
7. `bts_commodity_flow_survey_hazardous_2007_table_03a.csv`
8. `bts_commodity_flow_survey_hazardous_2007_table_03b.csv`
9. `bts_commodity_flow_survey_hazardous_2007_table_04.csv`
10. `bts_commodity_flow_survey_hazardous_2007_table_05a.csv`
11. `bts_commodity_flow_survey_hazardous_2007_table_05b.csv`
12. `bts_commodity_flow_survey_hazardous_2007_table_06a.csv`
13. `bts_commodity_flow_survey_hazardous_2007_table_06b.csv`

14. bts_commodity_flow_survey_hazardous_2007_table_06c.csv
15. bts_commodity_flow_survey_hazardous_2007_table_07a.csv
16. bts_commodity_flow_survey_hazardous_2007_table_07b.csv
17. bts_commodity_flow_survey_hazardous_2007_table_07c.csv
18. bts_commodity_flow_survey_hazardous_2007_table_08.csv
19. bts_commodity_flow_survey_hazardous_2007_table_09a.csv
20. bts_commodity_flow_survey_hazardous_2007_table_09b.csv
21. bts_commodity_flow_survey_hazardous_2007_table_09c.csv
22. bts_commodity_flow_survey_hazardous_2007_table_09d.csv
23. bts_commodity_flow_survey_hazardous_2007_table_09e.csv
24. bts_commodity_flow_survey_hazardous_2007_table_09f.csv
25. bts_commodity_flow_survey_hazardous_2007_table_10.csv
26. bts_commodity_flow_survey_hazardous_2007_table_11a.csv
27. bts_commodity_flow_survey_hazardous_2007_table_11b.csv
28. bts_commodity_flow_survey_hazardous_2007_table_11c.csv
29. bts_commodity_flow_survey_hazardous_2007_table_12a.csv
30. bts_commodity_flow_survey_hazardous_2007_table_12b.csv
31. bts_commodity_flow_survey_hazardous_2007_table_12c.csv
32. bts_commodity_flow_survey_hazardous_2007_table_13a.csv
33. bts_commodity_flow_survey_hazardous_2007_table_13b.csv
34. bts_commodity_flow_survey_hazardous_2007_table_13c.csv
35. bts_commodity_flow_survey_hazardous_2007_table_14a.csv
36. bts_commodity_flow_survey_hazardous_2007_table_14b.csv
37. bts_commodity_flow_survey_hazardous_2007_table_15a.csv
38. bts_commodity_flow_survey_hazardous_2007_table_15b.csv
39. bts_commodity_flow_survey_hazardous_2007_table_16a.csv
40. bts_commodity_flow_survey_hazardous_2007_table_16b.csv
41. bts_commodity_flow_survey_hazardous_2007_table_16c.csv
42. bts_commodity_flow_survey_hazardous_2007_table_17.csv
43. bts_commodity_flow_survey_hazardous_2007_table_18.csv
44. bts_commodity_flow_survey_hazardous_2007_table_19.csv
45. bts_commodity_flow_survey_hazardous_2007_table_list.pdf

Short description:

CSV files that contains the survey data that was collected for 2007, focused on the hazardous materials report and the associated tables.

C. Filename: Metropolitan Areas Folder

1. bts_commodity_flow_survey_metropolitan_2007_table_01.csv
2. bts_commodity_flow_survey_metropolitan_2007_table_02.csv
3. bts_commodity_flow_survey_metropolitan_2007_table_03.csv
4. bts_commodity_flow_survey_metropolitan_2007_table_04.csv
5. bts_commodity_flow_survey_metropolitan_2007_table_05.csv
6. bts_commodity_flow_survey_metropolitan_2007_table_06.csv
7. bts_commodity_flow_survey_metropolitan_2007_table_07.csv
8. bts_commodity_flow_survey_metropolitan_2007_table_08.csv
9. bts_commodity_flow_survey_metropolitan_2007_table_09.csv
10. bts_commodity_flow_survey_metropolitan_2007_table_10.csv
11. bts_commodity_flow_survey_metropolitan_2007_table_11.csv

12. bts_commodity_flow_survey_metropolitian_2007_table_12.csv
13. bts_commodity_flow_survey_metropolitian_2007_table_13.csv
14. bts_commodity_flow_survey_metropolitian_2007_table_14.csv
15. bts_commodity_flow_survey_metropolitian_2007_table_list.pdf

Short description:

CSV files that contains the survey data that was collected for 2007, focused on metropolitan area data on an individualized basis.

D. Filename: States Folder

1. bts_commodity_flow_survey_states_2007_table_01a.csv
2. bts_commodity_flow_survey_states_2007_table_01b.csv
3. bts_commodity_flow_survey_states_2007_table_02.csv
4. bts_commodity_flow_survey_states_2007_table_03.csv
5. bts_commodity_flow_survey_states_2007_table_04.csv
6. bts_commodity_flow_survey_states_2007_table_05a.csv
7. bts_commodity_flow_survey_states_2007_table_05b.csv
8. bts_commodity_flow_survey_states_2007_table_06.csv
9. bts_commodity_flow_survey_states_2007_table_07.csv
10. bts_commodity_flow_survey_states_2007_table_08.csv
11. bts_commodity_flow_survey_states_2007_table_09.csv
12. bts_commodity_flow_survey_states_2007_table_list.pdf

Short description:

CSV files that contains the survey data that was collected for 2007, focused on state data on an individualized basis.

E. Filename: United States

1. bts_commodity_flow_survey_US_2007_table_01a.csv
2. bts_commodity_flow_survey_US_2007_table_01b.csv
3. bts_commodity_flow_survey_US_2007_table_02a.csv
4. bts_commodity_flow_survey_US_2007_table_02b.csv
5. bts_commodity_flow_survey_US_2007_table_02c.csv
6. bts_commodity_flow_survey_US_2007_table_03a.csv
7. bts_commodity_flow_survey_US_2007_table_03b.csv
8. bts_commodity_flow_survey_US_2007_table_03c.csv
9. bts_commodity_flow_survey_US_2007_table_04a.csv
10. bts_commodity_flow_survey_US_2007_table_04b.csv
11. bts_commodity_flow_survey_US_2007_table_04c.csv
12. bts_commodity_flow_survey_US_2007_table_05.csv
13. bts_commodity_flow_survey_US_2007_table_06a.csv
14. bts_commodity_flow_survey_US_2007_table_06b.csv
15. bts_commodity_flow_survey_US_2007_table_07.csv
16. bts_commodity_flow_survey_US_2007_table_08.csv
17. bts_commodity_flow_survey_US_2007_table_09.csv
18. bts_commodity_flow_survey_US_2007_table_10a.csv
19. bts_commodity_flow_survey_US_2007_table_10b.csv
20. bts_commodity_flow_survey_US_2007_table_10c.csv
21. bts_commodity_flow_survey_US_2007_table_11.csv
22. bts_commodity_flow_survey_US_2007_table_12.csv

23. bts_commodity_flow_survey_US_2007_table_13.csv
24. bts_commodity_flow_survey_US_2007_table_14.csv
25. bts_commodity_flow_survey_US_2007_table_15.csv
26. bts_commodity_flow_survey_US_2007_table_16.csv
27. bts_commodity_flow_survey_US_2007_table_17.csv
28. bts_commodity_flow_survey_US_2007_table_list.pdf

Short description:

CSV files that contains the survey data that was collected for 2007, focused on the national level report and the associated tables.

F. Filename: Origin-Destination Files

1. O-D Geography by Commodity_final version as of 10_14_11.xlsx
2. O-D Geography by Mode_final version as of 10_14_11.xlsx

Short description:

XLSX files that contains the survey data that was collected for 2007, which allows you to view commodity and mode data for all CFS-measured geographies.

G. Filename:

bts_commodity_flow_survey_2007_DMP.pdf

Short description:

A PDF file containing the Data Management Plan that was created for current and future management of the data and associated files.

H. Filename:

bts_commodity_flow_survey_2007_README.txt

Short description:

The README.txt file that includes human-readable information about the data, variable definitions, contact information, and other contextual information. The file you are reading now.

I. Filename:

bts_commodity_flow_survey_2007_Metadata.json

Short description:

The machine-readable .json metadata file based on Project Open Data metadata schema v1.1.

J. Filename:

bts_commodity_flow_survey_2007_Methodology.pdf

Short description:

This PDF file includes the description of methods used for collection/generation of data and other associated information.

D. METHODOLOGICAL INFORMATION

1. Description of methods used for collection/generation of data:

This information can be found in the file `bts_commodity_flow_survey_2007_Methodology.pdf`, which is included within the `bts_Commodity_Flow_Survey_2007_DATA_and_Documentation.zip` collection.

2. Instrument- or software-specific information needed to interpret the data:

The data and documentation files can be opened with any text reader. Some versions of the documentation files may be opened with PDF reading software.

E. DATA-SPECIFIC INFORMATION

Varies depending on the data table.

F. UPDATE LOG

This `bts_commodity_flow_survey_2007_README.txt` file was originally created on 2021-02-10 by Jesse A. Long <https://orcid.org/0000-0002-4962-1380> NTL Data Management and Data Curation Fellow, jesse.long.ctr@dot.gov

[Note changes or update to the `readme.txt` file, e.g.:]

2021-02-10: Original file created