

README text file for “National Census of Ferry Operators (NCFO): 2014” dataset.
Office of Survey Programs (OSP), Bureau of Transportation Statistics (BTS),
U.S. Department of Transportation (USDOT)
2021-09-08

LINKS TO DATASET

A. Dataset archive link:

<https://doi.org/10.21949/1506020>

SUMMARY OF DATASET

The National Census of Ferry Operators (NCFO) is a census of all known ferry boat operations within the United States and its territories, encompassing the 50 States, Puerto Rico, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands. In addition to ferry operations providing domestic service within the U.S. and its territories, operations providing services to or from at least one U.S. terminal are also included. Ferry operations included within the scope of the NCFO are those providing itinerant, fixed route, common carrier passenger and/or vehicle ferry service. Railroad car float operations are also included within the scope of the NCFO. Ferry operations that are exclusively non- itinerant, such as excursion services (e.g., whale watches, casino boats, day cruises, dinner cruises, etc.), passenger only water taxi services not operating on a fixed route, LoLo (Lift- on/Lift-off) freight/auto carrier services, or long distance passenger only cruise ship services are not included within the scope of the census.

This bts_osp_national_census_ferry_operators_2021_README_20210908.txt file was generated on 20210908 by Leighton Christiansen <https://orcid.org/0000-0002-0543-4268>, National Transportation Library Data Curator, leighton.christiansen@dot.gov.

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A. GENERAL INFORMATION

0. Title of Dataset: National Census of Ferry Operators (NCFO): 2014

1. Description of Dataset: The National Census of Ferry Operators (NCFO) is a census of all known ferry boat operations within the United States and its territories, encompassing the 50 States, Puerto Rico, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands. In addition to ferry operations providing domestic service within the U.S. and its territories, operations providing services to or from at least one U.S. terminal are also included. Ferry operations included within the scope of the NCFO are those providing itinerant, fixed route, common carrier passenger and/or vehicle ferry service. Railroad car float operations are also included within the scope of the NCFO. Ferry operations that are exclusively non- itinerant, such as excursion services (e.g., whale watches, casino boats, day cruises, dinner cruises, etc.), passenger only water taxi services not operating on a fixed route, LoLo (Lift- on/Lift-off) freight/auto carrier services, or long distance passenger only cruise ship services are not included within the scope of the census.

2. Dataset homepage link: <https://www.bts.gov/NCFO>

3. Authorship Information

Dataset Contact Information

Name: National Census of Ferry Operators

Institution: U.S. Department of Transportation, Bureau of Transportation Statistics, Office of Survey Programs

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Repository Contact Information

Name: National Transportation Library Data Curator

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

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

Email: ntldatacurator@dot.gov

4. Date of data collection: 2013 (biennial census)

5. Geographic location of data collection: United States, Puerto Rico, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands

B. SHARING/ACCESS INFORMATION

0. Recommended citation for the data:

U.S. Department of Transportation, Bureau of Transportation Statistics, Office of Survey Programs. (2016). National Census of Ferry Operators (NCFO): 2014 (Dataset). Repository & Open Science Access Portal (ROSA P). Accessed [date] from: <https://doi.org/10.21949/1506020>

1. Licenses/restrictions placed on the data:

None. BTS datasets are in the Public Domain: <http://www.usa.gov/publicdomain/label/1.0/> and <https://creativecommons.org/publicdomain/zero/1.0/>

2. This dataset and its documentation was created and shared 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 2021-09-08.

C. DATA FILE & RELATED FILES OVERVIEW

1. File List

A.1. Filename: `bts_osp_national_census_ferry_operators_2014_Summary_Tables.csv`

`bts_osp_national_census_ferry_operators_2014_Summary_Tables.xlsx`

Short description: The 2014 NCFO Summary Tables gives highlevel counts of responses that are analysed more deeply in the Operator, Vessel, Terminal, Segment and Operator Segment files.

The data file size is 16 kb for .csv and 16 kb for .xlsx

A.2. Filename: `bts_osp_national_census_ferry_operators_2014_Operator.csv`

`bts_osp_national_census_ferry_operators_2014_Operator.xlsx`

Short description: The Operator data table contains information about ferry operators and details about their operation.

The data file size is 32 kb for .csv and 32 kb for .xlsx

A.3. Filename: `bts_osp_national_census_ferry_operators_2014_OpSegPub.csv`

`bts_osp_national_census_ferry_operators_2014_OpSegPub.xlsx`

Short description: The Operator Segment data table contains information related to route segments such as ferry operators who provide service, segment length, average trip time, passenger volume, and season start and end dates.

The data file size is 103 kb for .csv and 103 kb for .xlsx

A.4. Filename: bts_osp_national_census_ferry_operators_2014_Segment.csv

bts_osp_national_census_ferry_operators_2014_Segment.xlsx

Short description: The Segment data table contains information about each route segment such as the terminals it connects, the type geographic area it serves, and whether it serves a National Park Service location.

The data file size is 49 kb for .csv and 49 kb for .xlsx

A.5. Filename: bts_osp_national_census_ferry_operators_2014_Terminal.csv

bts_osp_national_census_ferry_operators_2014_Terminal.xlsx

Short description: The Terminal data table contains information about ferry terminals, their location, and facilities.

The data file size is 54 kb for .csv and 54 kb for .xlsx

A.6. Filename: bts_osp_national_census_ferry_operators_2014_Vessel.csv

bts_osp_national_census_ferry_operators_2014_Vessel.xlsx

Short description: The Vessel data table contains information about ferry vessels such as the passenger and/or vehicle capacity, speed, and fuel type.

The data file size is 108 kb for .csv and 108 kb for .xlsx

B. Filename: bts_osp_national_census_ferry_operators_2014_README_20210908.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.

C. Filename: bts_osp_national_census_ferry_operators_2014_Metadata_20210908.json

Short description:

The machine-readable .json metadata file based on DCAT-US Schema v1.1 (Project Open Data) metadata.

D. Filename: bts_osp_national_census_ferry_operators_2014_DMP_20210908.txt

bts_osp_national_census_ferry_operators_2014_DMP_20210908.pdf

bts_osp_national_census_ferry_operators_2014_DMP_20210908.docx

Short description:

The human-readable data management plan associated with this dataset. Available in .txt, .pdf, and .docx formats

E. Filename: bts_osp_national_census_ferry_operators_2014_NCFO_Data_Dictionary.txt

bts_osp_national_census_ferry_operators_2014_NCFO_Data_Dictionary.pdf

bts_osp_national_census_ferry_operators_2014_NCFO_Data_Dictionary.docx

Short description:

The human-readable variations on the variables for the four (4) individual data tables (Operator, Vessel, Segment, and Operator Segment) sectioned by the individual data tables, to identify how they match with their general variable name and associated table. Available in .txt, .pdf, and .docx formats

F. Filename: bts_osp_national_census_ferry_operators_2014_NCFO_Errata.txt

bts_osp_national_census_ferry_operators_2014_NCFO_Errata.pdf

bts_osp_national_census_ferry_operators_2014_NCFO_Errata.docx

Short description: List of incorrectly published data in the 2014 National Census of Ferry Operator (NCFO) Flat File that appears in the updated Revised 2014 NCFO Flat File. Available in .txt, .pdf, and .docx formats

G. Filename: bts_osp_national_census_ferry_operators_2014_NCFO_Questionnaire.pdf

Short description: The PDF version of the survey questionnaire sent to respondents.

D. METHODOLOGICAL INFORMATION

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

The content of the questionnaire was originally established by the legislation requiring the data collection. The content was then reviewed and modified by the Office of Survey Programs using feedback from a number of DOT staff affiliated with the previous study. A draft of the questionnaire was reviewed by staff within the United States Maritime Administration (MARAD), the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the American Association of State Highway and Transportation Officials (AASHTO), and the Passenger Vessel Association (PVA). In addition to those efforts, BTS conducted on site interviews with four ferry operators to get feedback on the 2010 form. The goal of these interviews was to make sure that the wording and layout of the questionnaires is easy to understand and complete. Additional changes were made to the 2014 form to bring the data collection in line with MAP-21 legislation (i.e., the NCFO database had to be consistent with ferry data collected by the Federal Transit Administration as outlined on their National Transit Database).

All known ferry operations are encouraged to participate in the NCFO. Since it is a census of establishments, each ferry operation is asked to select the person or persons within the operation who is most knowledgeable about the operation to complete the questionnaire. Thus, it is up to the operator to decide who the individual respondent will be. The Bureau of Transportation Statistics sends an initial mailing via USPS Priority or FedEx to each operator to invite them to take part in the NCFO.

In 2010 the initial mailing included a paper questionnaire and a cover letter that contained a web link to an online version of the questionnaire. Both versions of the questionnaire had many key

fields pre-populated with data from the previous census since much of this data (e.g., vessel information, route information, etc.) may not change from year to year rather. BTS simply asked the operator to review the previous information for accuracy and either delete outdated information or add any new information that does not appear on their questionnaire.

A follow up reminder was sent out three weeks after the initial mailing that simply included a link to the web based questionnaire. A third and final mailing was sent three months later that included a second copy of the paper questionnaire. The remaining non-responders were then contacted by phone to ensure that they received their questionnaire and to determine if they need any assistance in completing the form. These phone calls were then followed up with actions specific to the operator to gain cooperation. In 2014 a paper questionnaire was mailed to ferry operators, followed by follow up phone calls to non-responders. In some cases PDF versions of the questionnaire were sent to operators via email upon request.

[The full 2011 "National Census of Ferry Operators: Statement of Methodology" document is available at <https://doi.org/10.21949/1503873>.]

2014 NCFO Questionnaire:

bts_osp_national_census_ferry_operators_2014_NCFO_Questionnaire.pdf (included in this data package)

2. Methods for processing the data: The submitted data was collected on paper and recorded in Microsoft Access. The data was then exported into 5 separate Microsoft Excel spreadsheets.

3. Instrument- or software-specific information needed to interpret the data: The data is available in Microsoft Excel spreadsheets or .csv files, readable with any spreadsheet program or text editor.

4. Describe any quality-assurance procedures performed on the data: The data was reviewed for anomalies, skips, and incompleteness. Follow-up with respondents was made to attempt the collection of additional information or check a response.

E. Data Dictionary & DATA-SPECIFIC INFORMATION FOR: Operator

0. Notes on table structure: The Operators data table contains information about ferry operators and details about their operation.

1. Number of variables: 31

2. Number of cases/rows: 128

3. Each row represents: A ferry operator and associated information.

4. Data Dictionary/Variable List

Field Name	Description	Format	Length	Value
OPERATOR_ID	A unique numeric identifier assigned to each ferry operator	NUMERIC	(4.0)	
	4 1 - 9999			
OPERATOR_NAME	The complete company name of the ferry operator	CHARACTER	120	Text
OP_STRCITY	City for the ferry operator mailing address	CHARACTER	40	Text
OP_STATE	State for the ferry operator mailing address	CHARACTER	20	Text
OP_STRZIP	Zip code for the ferry operator mailing address	CHARACTER	10	Text
URL	Company Web Site	CHARACTER	120	Text
OPERATORCOUNTRY	Country for the ferry operator street address	CHARACTER	40	Text
TICKET_REVENUE	Percentage of annual revenues from individual purchased tickets or fares (including fare cards)	NUMERIC	(5.2)	5 0.00 - 100.00
FEDERAL_STATE_LOCAL	Completing the census on behalf of a federal, state or local govt. agency.	NUMERIC	(1.0)	1 0 - No 1 - Yes
PRIVATE_CONTRACT_REVENUE	Percentage of annual revenues from private contracts payment	NUMERIC	(5.2)	5 0.00 - 100.00
ADVERTISING_REVENUE	Percentage of annual revenues from advertising contracts payment	NUMERIC	(5.2)	5 0.00 - 100.00
PUBLIC_CONTRACT_REVENUE	Percentage of annual revenues from contracts with public agencies	NUMERIC	(5.2)	5 0.00 - 100.00
FEDERAL_FUNDING_REVENUE	Percentage of annual revenues from direct public funding	NUMERIC	(5.2)	5 0.00 - 100.00
STATE_FUNDING_REVENUE	Percentage of annual revenues from direct public funding	NUMERIC	(5.2)	5 0.00 - 100.00
LOCAL_FUNDING_REVENUE	Percentage of annual revenues from direct public funding	NUMERIC	(5.2)	5 0.00 - 100.00
PUBLIC_FUNDING_TYPE_1	Public funding type 1			NUMERIC
	(1.0) 1 0 - Federal 1 - State 2 - Local			
PUBLIC_FUNDING_SOURCE_1	Name of public funding agency 1	CHARACTER	150	Text
PUBLIC_FUNDING_PROGRAM_1	Name of public funding program 1	CHARACTER	150	Text
PUBLIC_FUNDING_TYPE_2	Public funding type 2			NUMERIC
	(1.0) 1 0 - Federal 1 - State 2 - Local			
PUBLIC_FUNDING_SOURCE_2	Name of public funding agency 2	CHARACTER	150	Text
PUBLIC_FUNDING_PROGRAM_2	Name of public funding program 2	CHARACTER	150	Text
PUBLIC_FUNDING_TYPE_3	Public funding type 3			NUMERIC (1.0)
	1 0 - Federal 1 - State 2 - Local			

PUBLIC_FUNDING_SOURCE_3	Name of public funding agency 3	
CHARACTER	150	Text
PUBLIC_FUNDING_PROGRAM_3	Name of public funding program 3	
CHARACTER	150	Text
PUBLIC_FUNDING_TYPE_4	Public funding type 4	NUMERIC
(1.0) 1	0 - Federal 1 – State 2 - Local	
PUBLIC_FUNDING_SOURCE_4	Name of public funding agency 4	
CHARACTER	150	Text
PUBLIC_FUNDING_PROGRAM_4	Name of public funding program 4	
CHARACTER	150	Text
PUBLIC_FUNDING_TYPE_5	Public funding type 5	NUMERIC
(1.0) 1	0 - Federal 1 – State 2 - Local	
PUBLIC_FUNDING_SOURCE_5	Name of public funding agency 5	
CHARACTER	150	Text
PUBLIC_FUNDING_PROGRAM_5	Name of public funding program 5	
	CHARACTER	150
	Text	
PUBLIC_FUNDING_TYPE_6	Public funding type 6	NUMERIC (1.0)
1	0 - Federal 1 – State 2 - Local	
PUBLIC_FUNDING_SOURCE_6	Name of public funding agency 6	
CHARACTER	150	Text
PUBLIC_FUNDING_PROGRAM_6	Name of public funding program 6	
CHARACTER	150	Text
PUBLIC_FUNDING_TYPE_7	Public funding type 7	NUMERIC (1.0)
1	0 - Federal 1 – State 2 - Local	
PUBLIC_FUNDING_SOURCE_7	Name of public funding agency 7	
150	Text	
PUBLIC_FUNDING_PROGRAM_7	Name of public funding program 7	
CHARACTER	150	Text
PUBLIC_FUNDING_TYPE_8	Public funding type 8	NUMERIC (1.0)
1	0 - Federal 1 – State 2 - Local	
PUBLIC_FUNDING_SOURCE_8	Name of public funding agency 8	
150	Text	
PUBLIC_FUNDING_PROGRAM_8	Name of public funding program 8	
CHARACTER	150	Text
PUBLIC_FUNDING_TYPE_9	Public funding type 9	NUMERIC (1.0)
1	0 - Federal 1 – State 2 - Local	
PUBLIC_FUNDING_SOURCE_9	Name of public funding agency 9	
CHARACTER	150	Text
PUBLIC_FUNDING_PROGRAM_1	Name of public funding program 9	
CHARACTER	150	Text
PUBLIC_FUNDING_TYPE_10	Public funding type 10	NUMERIC (1.0)
1	0 - Federal 1 – State 2 - Local	
PUBLIC_FUNDING_SOURCE_10	Name of public funding agency 10	CHARACTER 150
	Text	

PUBLIC_FUNDING_PROGRAM_10 Name of public funding program 10
CHARACTER 150 Text
SURVEYYEAR Year of survey DATE (yyyy) 4 2014

F. Data Dictionary & DATA-SPECIFIC INFORMATION FOR: Vessel

0. Notes on table structure: The Vessels data table contains information about ferry vessels such as USCG number, passenger and/or vehicle capacity, speed, and fuel type.

1. Number of variables:35

2. Number of cases/rows: 499

3. Each row represents: A ferry vessel and associated information.

Field Name	Description	Format	Length	Value
VESSEL_ID	A unique numeric identifier assigned to each vessel	NUMERIC	(10.0)	10
	1 - 9999999999			
OPERATOR_ID	Ferry Operator ID for operator of vessel	NUMERIC	(4.0)	4
	1 - 9999			
VESSEL_NAME	Vessel Name	CHARACTER	40 Text	
USCG_NUMBER	The official vessel number assigned by the USCG.	CHARACTER		
	20 Text			
IN_SERVICE	Indicates whether the vessel is service during the census year			NUMERIC
(1.0)	1 0 - No 1 - Yes			
CARRIES_PASSENGERS	Indicates whether the vessel carried passengers.			NUMERIC
(1.0)	1 0 - No 1 - Yes			
CARRIES_VEHICLES	Indicates whether the vessel carried vehicles	NUMERIC	(1.0)	
	1 0 - No 1 - Yes			
CARRIES_FREIGHT	Indicates whether the vessel carried freight	NUMERIC	(1.0)	1
	0 - No 1 - Yes			
PASSENGER_CAPACITY	Passenger capacity of the vessel	NUMERIC	(10.0)	10
	0 - 9999999999			
VEHICLE_CAPACITY	Vehicle capacity of the vessel	NUMERIC	(10.0)	10 0 -
	9999999999			
FUEL_TYPE	Fuel type (Diesel, Gasoline, CNG, Electricity, Other)			NUMERIC (1.0)
	1 0 - Unknown 1 - Diesel 2 - Gasoline 3 - CNG 4 - Electric 5 - Other			
FUEL_OTHER	Description of Other type of fuel	CHARACTER	50	Text
TYPICAL_SPEED	Vessel Typical Operating Speed (in knots)	NUMERIC	(5.2)	5
	0.00 - 999.99			
LANE_FEET	Lane feet of car deck on RoRo Vessels	NUMERIC	(5.0)	5 0-
	99999			
VESSELBUILDYEAR	Year the vessel was built	DATE	(yyyy) 4	0000 - 9999

YEARREBUILT	Contains either the year that the vessel was rebuilt or is blank	DATE
(yyyy) 4	0000 - 9999	
MAINHORSEPOWERAHEAD	Main Horsepower Ahead	NUMERIC (7.0) 7
0 - 9999999		
MAINHORSEPOWERASTERN	Main Horsepower Astern	NUMERIC (7.0) 7
0 - 9999999		
HULLMATERIAL	Type of hull Material	NUMERIC (1.0) 1 0 - Unknown 1 - Aluminum 2 - Concrete 3 - FRP (Fiberglass) 4 - Glass 5 - Plastic (non-reinforced) 6 - Plastic - MSIS Legacy 7 - Rubber 8 - Steel 9 - Wood 10 - Other
HULLSHAPE	Hull Shape	NUMERIC (1.0) 1 0 - Unknown 1 - Box 2 - Sail (Distinct Keel) 3 - Sail (Faired Keel) 4 - Ship
PROPULSIONTYPE	Propulsion type	NUMERIC (1.0) 1 0 - Unknown
	1 - Fixed Pitch Propeller	
	2 - Controllable Pitch Prop	
	3 - Water Jet	
	4 - Cable	
	5 - Auxiliary Sail	
	6 - Combination Types	
	7 - Diesel	
	8 - Diesel Direct	
	9 - Diesel Electric	
	10 - Diesel Outdrive	
	11 - Diesel Reduction	
	12 - Electric Motor	
	13 - Gas Turbine	
	14 - Gasoline Engine	
	15 - Gasoline Inboard	
	16 - Gasoline Outboard	
	17 - Inboard/Outboard	
	18 - Jet Drive	
	19 - Manual	
	20 - Sail	
	21 - Steam Reciprocating	
	22 - Steam Turbine	
	23 - Steam Turboelectric	
	24 - Other	
SELFPROPINDICATOR	Self Propelled Indicator	NUMERIC (1.0) 1 0 - Vessel not self-propelled 1 - Vessel self-propelled 2 - Unknown
REGISTEREDBREADTH	Registered breadth, reported in units of feet to the nearest tenth.	NUMERIC (4.1) 4 0.0 - 999.9
REGISTEREDDEPTH	Registered depth (draft), reported in units of feet to the nearest tenth.	NUMERIC (4.1) 4 0.0 - 999.9
REGISTEREDLENGTH	Registered length, reported in units of feet to the nearest tenth.	NUMERIC (4.1) 4 0.0 - 999.9
REGISTEREDGROSSSTONS	Registered gross tons.	NUMERIC (5.0) 5 0 - 99999
REGISTEREDNETTONS	Registered Net Tons	NUMERIC (5.0) 5 0 - 99999

SURVEYYEAR Year of survey DATE (yyyy) 4 2000, 2006, 2008, 2010
 VESSEL_OWNERSHIP Indicates if the ferry vessel is publicly or privately owned.
 NUMERIC (1.0) 1 0 - Publicly Owned 1 - Privately Owned 2 -
 Unknown
 VESSEL_OWNED_BY Name of public agency who owns the vessel CHARACTER
 150 Text
 VESSEL_OPERATION Indicates if the ferry vessel is publicly or privately operated.
 NUMERIC (1.0) 1 0 - Publicly Operated 1 - Privately Operated 2 -
 Unknown
 VESSEL_OPERATED_BY Name of public agency or operates the vessel
 CHARACTER 150 Text
 FUEL_MILEAGE Fuel mileage of the vessel in miles per gallon CHARACTER
 10 Text
 ADA_ACCESSIBLE Indicates whether the vessel is accessible to Americans with Disabilities.
 NUMERIC (1.0) 1 0 - No 1 - Yes
 ENGINE_LIFESPAN Lifespan of the vessel engine(s) in hours since last rebuild. NUMERIC
 (7.0) 7 0 - 9999999
 ENGINE_HOURS Engine hours on the vessel since last rebuild. NUMERIC (7.0) 7
 0 - 9999999
 CENSUS_YEAR_MILES Nautical miles vessel traveled in census year NUMERIC (7.0)
 7 0 - 9999999

 G. Data Dictionary & DATA-SPECIFIC INFORMATION FOR: Terminal

0. Notes on table structure: The Terminals data table contains information about ferry terminals, their location, and facilities.

1. Number of variables: 15

2. Number of cases/rows: 441

3. Each row represents: A ferry terminal and associated information.

Field Name	Description	Format	Length	Value
TERMINAL_ID	A unique numeric identifier assigned to each ferry terminal	NUMERIC		
(4.0) 4	1 - 9999			
TERMINAL_NAME	Ferry terminal name	CHARACTER	80	Text
TERM_CITY	City in which the ferry terminal is located	CHARACTER	40	Text
TERM_STATE	State or province in which the ferry terminal is located	CHARACTER	20	Text
TERM_COUNTRY	Country in which the ferry terminal is located.	CHARACTER	30	Text
LATITUDE	Position of the ferry terminal, in degrees of latitude	NUMERIC(10.5)	10	
	-99999.999999 - 99999.999999			

LONGITUDE Position of the ferry terminal, in degrees of longitude NUMERIC(10.5)
10 -99999.999999 – 99999.999999

PARKING Indicates whether parking is available at the ferry terminal NUMERIC
(1.0) 1 0 - Not available 1 - Available 2 - Unknown

LOCAL_BUS Indicates whether local bus is available at the ferry terminal NUMERIC (1.0)
1 0 - Not available 1 - Available 2 - Unknown

INTERCITY_BUS Indicates whether intercity bus is available at the ferry terminal
NUMERIC (1.0) 1 0 - Not available 1 - Available 2 - Unknown

LOCAL_RAIL Indicates whether local rail is available at the ferry terminal NUMERIC
(1.0) 1 0 - Not available 1 - Available 2 - Unknown

INTERCITY_RAIL Indicates whether intercity rail is available at the ferry terminal
NUMERIC (1.0) 1 0 - Not available 1 - Available 2 - Unknown

TERMINAL_OWNERSHIP Indicates if the ferry vessel is publicly or privately owned.
NUMERIC (1.0) 1 0 - Publicly Owned 1- Privately Owned 2 -
Unknown

TERMINAL_OWNED_BY Name of public agency who owns the vessel CHARACTER
150 Text

TERMINAL_OPERATION Indicates if the ferry vessel is publicly or privately operated.
NUMERIC (1.0) 1 0 - Publicly Operated 1 - Privately Operated 2 -
Unknown

TERMINAL_OPERATED_BY Name of public agency or operates the vessel
CHARACTER 150 Text

SURVEYYEAR Year of survey DATE (yyyy) 4 2000, 2006, 2008, 2010

H. Data Dictionary & DATA-SPECIFIC INFORMATION FOR: Segment

0. Notes on table structure: The Segments data table contains information about each route segment such as the terminals it connects, the type geographic area it serves, and whether it serves a National Park Service location.

1. Number of variables: 7

2. Number of cases/rows: 741

3. Each row represents: A route segment.

Field Name	Description	Format	Length	Value
SEGMENT_ID (4.0) 4	Numeric identifier assigned to each ferry route segment	NUMERIC		
SEGMENT_NAME	Name of the segment	CHARACTER	200 Text	
SEG_TERMINAL1_ID	The unique numeric identifier for the ferry terminal located at the start of the route segment.	NUMERIC (4.0) 4	1-9999	
SEG_TERMINAL2_ID	The unique numeric identifier for the ferry terminal located at the end of the route segment.	NUMERIC (4.0) 4	1-9999	

SEG_TYPE Indicates whether service on this segment is intrastate, interstate or international.
 Number(1.0) 1 1 – Intrastate 2 – Interstate 3 - International
 SERVES_NPS Indicates whether the segment serves a unit of the National Park System.
 Number(1.0) 1 0 – No 1 – Yes
 SURVEYYEAR Year of the Survey DATE (yyyy) 4 2000, 2006, 2008, 2010, 2014

 I. Data Dictionary & DATA-SPECIFIC INFORMATION FOR: Operator Segment

0. Notes on table structure: The data table contains information related to route segments such as ferry operators who provide service, segment length, average trip time, passenger volume, and season start and end dates.

1. Number of variables: 23

2. Number of cases/rows: 758

3. Each row represents: A route segment run by a particular ferry operator.

Field Name	Description	Format	Length	Value
SEGMENT_ID	A unique numeric identifier assigned to each ferry route segment	NUMERIC (4.0)	4	1 – 9999
OPERATOR_ID	ID of the Operator that provides service for the terminal	NUMERIC (4.0)	4	1 – 9999
SEG_LENGTH	Segment length in nautical miles	NUMERIC (10.2)	10	0.00 - 99999999.99
AVERAGE_TRIP_TIME	Average trip time for the segment	Time(hh:mm)	5	00:00 – 99:59
SEASON_START	The seasonal service start date	DATE (mm/dd)	5	01/01 – 12/31
SEASON_END	The seasonal service end date	DATE (mm/dd)	5	01/01 – 12/31
ROUTE_RATES_REGULATED	Indicates if the rates are regulated by a governing body, a government agency or state or local legislation	NUMERIC (1.0)	1	0 - Not Regulated 1 - Regulated 2 - Unknown
ROUTE_RATE_REGULATOR	Name of agency or agencies which regulate fares	CHARACTER	150	Text
VESSEL1_NAME	Name of vessel used most often for the route.	CHARACTER	40	Text
VESSEL1_ID	ID of vessel used most often for the route.	NUMERIC (10.0)	10	1 - 9999999999
VESSEL2_NAME	Name of vessel used second most often for the route.	CHARACTER	40	Text
VESSEL2_ID	ID of vessel used second most often for the route.	NUMERIC (10.0)	10	1 - 9999999999

VESSEL3_NAME Name of vessel used third most often for the route. CHARACTER
 40 Text
 VESSEL3_ID ID of vessel used third most often for the route. NUMERIC (10.0) 10
 1 - 9999999999
 TRIPS_PER_DAY_SUN Average number of trips operated over this segment on Sunday in
 2009 NUMERIC (3.0) 3 0 - 999
 TRIPS_PER_DAY_MON Average number of trips operated over this segment on Monday in
 2009 NUMERIC (3.0) 3 0 - 999
 TRIPS_PER_DAY_TUE Average number of trips operated over this segment on Tuesday in
 2009 NUMERIC (3.0) 3 0 - 999
 TRIPS_PER_DAY_WED Average number of trips operated over this segment on Wednesday
 in 2009 NUMERIC (3.0) 3 0 - 999
 TRIPS_PER_DAY_THU Average number of trips operated over this segment on Thursday
 in 2009 NUMERIC (3.0) 3 0 - 999
 TRIPS_PER_DAY_FRI Average number of trips operated over this segment on Friday in
 2009 NUMERIC (3.0) 3 0 - 999
 TRIPS_PER_DAY_SAT Average number of trips operated over this segment on Saturday in
 2009 NUMERIC (3.0) 3 0 - 999
 PASSENGERS Census year total passenger boardings NUMERIC (12.0) 12
 0 - 999999999999
 VEHICLES Census year total vehicle boardings NUMERIC (12.0) 12 0 -
 999999999999
 AVG_DAILY_BRD_PAX Average daily passenger boardings NUMERIC (10.0) 10
 0 - 9999999999
 AVG_DAILY_BRD_VEH Average daily vehicle boardings NUMERIC (10.0) 10
 0 - 9999999999
 VESSEL1_ID Most frequently used vessel NUMERIC (4.0) 4 0 - 9999
 VESSEL2_ID Second most frequently used vessel NUMERIC (4.0) 4 0 - 9999
 VESSEL3_ID Third most frequently used vessel NUMERIC (4.0) 4 0 - 9999
 SURVEYYEAR Year of survey DATE (yyyy) 4 2000, 2006, 2008, 2010

 To read the Data Dictionary in other formats, see:
 bts_osp_national_census_ferry_operators_2014_NCFO_Data_Dictionary.txt,
 bts_osp_national_census_ferry_operators_2014_NCFO_Data_Dictionary.docx, or
 bts_osp_national_census_ferry_operators_2014_NCFO_Data_Dictionary.pdf

 Readme UPDATE LOG

 20210908: Readme created.