

2018 NCFO Data Dictionary

Table: Operator

Description: The Operators data table contains information about ferry operators and details about their operation.

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 of the ferry operator mailing address	CHARACTER	20	Text
OP_STRZIP	Zip code of the ferry operator mailing address	CHARACTER	10	Text
OP_COUNTRY	Country of the ferry operator street address	CHARACTER	40	Text
URL	Company Web Site	CHARACTER	120	Text
FEDERAL_STATE_LOCAL	Completing the census on behalf of a federal, state or local govt. agency.	NUMERIC (1.0)	1	0 - No 1 – Yes
TICKET_REVENUE	Percentage of annual revenues from individual purchased tickets or fares (including fare cards)	NUMERIC (5.2)	5	0.00 - 100.00
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
OTHER_FUNDING_REVENUE	Percentage of annual revenues from all other revenue sources	NUMERIC (5.2)	5	0.00 – 100.00

TRIP_PURPOSE_COMMUTER_TRANSIT	Indicates whether the operator services commuter transit trips	NUMERIC (1.0)	1	0 - No 1 - Yes
TRIP_PURPOSE_PLEASURE	Indicates whether the operator services pleasure transit trips	NUMERIC (1.0)	1	0 - No 1 - Yes
TRIP_PURPOSE_EMERGENCY	Indicates whether the operator services emergency transit trips	NUMERIC (1.0)	1	0 - No 1 - Yes
TRIP_PURPOSE_ROADWAY_CONN	Indicates whether the operator services roadway connector trips	NUMERIC (1.0)	1	0 - No 1 - Yes
TRIP_PURPOSE_LIFELINE	Indicates whether the operator services lifeline trips to mainland	NUMERIC (1.0)	1	0 - No 1 - Yes
TRIP_PURPOSE_NPS	Indicates whether the operator services trips to National Park Service locations	NUMERIC (1.0)	1	0 - No 1 - Yes
TRIP_PURPOSE_OTHER	Indicates whether the operator services trips for other purposes	NUMERIC (1.0)	1	0 - No 1 - Yes
TRIP_PURPOSE_OTHER_DESC	Indicates whether the operator services	CHARACTER	60	Text
ACCEPTS_PUBLIC_FUNDING	Indicates whether the operator accepts public funding	NUMERIC (1.0)	1	0 - No 1 - Yes 2 - No Response
PUB_FUND_TYPE_1	Public funding type 1	NUMERIC (1.0)	1	0 - Federal 1 - State 2 - Local
PUB_FUND_SOURCE_1	Name of public funding agency 1	CHARACTER	150	Text
PUB_FUND_PROGRAM_1	Name of public funding program 1	CHARACTER	150	Text
PUB_FUND_TYPE_2	Public funding type 2	NUMERIC (1.0)	1	0 - Federal 1 - State 2 - Local
PUB_FUND_SOURCE_2	Name of public funding agency 2	CHARACTER	150	Text
PUB_FUND_PROGRAM_2	Name of public funding program 2	CHARACTER	150	Text
PUB_FUND_TYPE_3	Public funding type 3	NUMERIC (1.0)	1	0 - Federal 1 - State 2 - Local
PUB_FUND_SOURCE_3	Name of public funding agency 3	CHARACTER	150	Text
PUB_FUND_PROGRAM_3	Name of public funding program 3	CHARACTER	150	Text
PUB_FUND_TYPE_4	Public funding type 4	NUMERIC (1.0)	1	0 - Federal 1 - State

				2 - Local
PUB_FUND_SOURCE_4	Name of public funding agency 4	CHARACTER	150	Text
PUB_FUND_PROGRAM_4	Name of public funding program 4	CHARACTER	150	Text
PUB_FUND_TYPE_5	Public funding type 5	NUMERIC (1.0)	1	0 - Federal 1 - State 2 - Local
PUB_FUND_SOURCE_5	Name of public funding agency 5	CHARACTER	150	Text
PUB_FUND_PROGRAM_5	Name of public funding program 5	CHARACTER	150	Text
PUB_FUND_TYPE_6	Public funding type 6	NUMERIC (1.0)	1	0 - Federal 1 - State 2 - Local
PUB_FUND_SOURCE_6	Name of public funding agency 6	CHARACTER	150	Text
PUB_FUND_PROGRAM_6	Name of public funding program 6	CHARACTER	150	Text
PUB_FUND_TYPE_7	Public funding type 7	NUMERIC (1.0)	1	0 - Federal 1 - State 2 - Local
PUB_FUND_SOURCE_7	Name of public funding agency 7	CHARACTER	150	Text
PUB_FUND_PROGRAM_7	Name of public funding program 7	CHARACTER	150	Text
CENSUS_YEAR	Year of the census	DATE (yyyy)	4	2018

Table: Vessel

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

Field Name	Description	Field Type	Field Length	Value
VESSEL_ID	A unique numeric identifier assigned to each vessel	NUMERIC (10.0)	10	1 - 9999999999
OPERATOR_ID	Unique operator identifier	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, LNG, Electric, Barge (No Fuel), Other)	NUMERIC (1.0)	1	0 - Unknown 1 - Diesel 2 - Gasoline 3 - LNG 4 - Electric 5 - Barge (No Fuel) 6 - 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
VESSEL_BUILT	Year the vessel was built	DATE (yyyy)	4	0000 - 9999
MAIN_HORSEPOWER_AHEAD	Propulsion that moves the vessel ahead, measured in horsepower	NUMERIC (7.0)	7	0 - 9999999
MAIN_HORSEPOWER_ASTERN	Directional propulsion that moves the vessel in reverse, measured in horsepower	NUMERIC (7.0)	7	0 - 9999999

HULL_MATERIAL	Describes the type of hull material	NUMERIC (1.0)	1	<ul style="list-style-type: none"> 0 - Unspecified 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
HULL_SHAPE	Describes the shape of the hull	NUMERIC (1.0)	1	<ul style="list-style-type: none"> 0 - Unspecified 1 - Box 2 - Sail (Distinct Keel) 3 - Sail (Faired Keel) 4 - Ship
PROPULSION_TYPE	Describes the type of propulsion	NUMERIC (1.0)	1	<ul style="list-style-type: none"> 0 - Unspecified 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 - None
SELF_PROP_INDICATOR	Describes if the vessel is self-propelled	NUMERIC (1.0)	1	0 - Vessel not self-propelled 1 - Vessel self-propelled 2 - Unknown
REGISTERED_BREADTH	Registered breadth, reported in units of feet to the nearest tenth.	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_DEPTH	Registered depth (draft), reported in units of feet to the nearest tenth.	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_LENGTH	Registered length, reported in units of feet to the nearest tenth.	NUMERIC (4.1)	4	0.0 – 999.9
REGISTERED_GROSS_TONS	Registered gross tons.	NUMERIC (5.0)	5	0 – 99999
REGISTERED_NET_TONS	Registered Net Tons	NUMERIC (5.0)	5	0 – 99999
VESSEL_OWNERSHIP	Indicates if the ferry vessel is publicly or privately owned.	NUMERIC (1.0)	1	0 - Public 1- Private 2 - Both
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 - Public 1 - Private 2 - Both
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
EXPECTED_LIFESPAN	Lifespan of the vessel in years.	NUMERIC (7.0)	7	0 – 9999999
CENSUS_YEAR_MILES	Nautical miles vessel traveled in census year.	NUMERIC (7.0)	7	0 – 9999999
CENSUS_YEAR	Year of the census	DATE (yyyy)	4	2018

Table: Terminal

Description: The Terminals data table contains information about ferry terminals, their location, and facilities.

Field Name	Description	Field Type	Field Length	Value
TERMINAL_ID	A unique numeric identifier assigned to each ferry terminal	NUMERIC (4.0)	4	1 – 9999
OPERATOR_ID	Unique operator identifier	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
IN_OPERATION	Indicates whether a terminal is in operation during the census year	NUMERIC (1.0)	1	0 – No 1 – Yes
PARKING	Indicates whether parking is available at the ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available
LOCAL_BUS	Indicates whether local bus is available at the ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available
INTERCITY_BUS	Indicates whether intercity bus is available at the ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available
LOCAL_RAIL	Indicates whether local rail is available at the ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available
INTERCITY_RAIL	Indicates whether intercity rail is available at the ferry terminal	NUMERIC (1.0)	1	0 - Not available 1 - Available
TERMINAL_OWNERSHIP	Indicates if the ferry vessel is publicly or privately owned.	NUMERIC (1.0)	1	0 - Public 1- Private 2 - Both
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 - Public 1 - Private 2 - Both
TERMINAL_OPERATED_BY	Name of public agency or operates the vessel	CHARACTER	150	Text
CENSUS_YEAR	Year of the census	DATE (yyyy)	4	2018

Table: SEGMENT

Description: 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.

Field Name	Description	Field Type	Field Length	Value
SEGMENT_ID	Numeric identifier assigned to each ferry route segment	NUMERIC (4.0)	4	1-9999
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
CENSUS_YEAR	Year of the census	DATE (yyyy)	4	2018

Table: OPERATOR SEGMENT

Description: 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.

Field Name	Description	Format	Length	Value
OPERATOR_ID	ID of the Operator that provides service for the terminal	NUMERIC (4.0)	4	1 – 9999
SEGMENT_ID	A unique numeric identifier assigned to each ferry route segment	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 (in minutes)	NUMERIC (3.1)	5	00:00 – 99:59
SEGMENT_SEASON_START	The seasonal service start date	DATE (mm/dd)	5	01/01 – 12/31
SEGMENT_SEASON_END	The seasonal service end date	DATE (mm/dd)	5	01/01 – 12/31
TRIPS_PER_YEAR	The average number of trips operated over this segment for the census year	NUMERIC (6.0)	6	0 – 999999
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
MOST_USED_VESSEL_ID	ID of vessel used most often for the route.	NUMERIC (10.0)	10	1 - 9999999999
VESSEL1_ID	ID of the first vessel used on the route.	NUMERIC (10.0)	10	1 - 9999999999
VESSEL2_ID	ID of the second vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL3_ID	ID of the third vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL4_ID	ID of the fourth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL5_ID	ID of the fifth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL6_ID	ID of the sixth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999

VESSEL7_ID	ID of the seventh vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL8_ID	ID of the eighth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL9_ID	ID of the ninth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL10_ID	ID of the tenth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL11_ID	ID of the eleventh vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL12_ID	ID of the twelfth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL13_ID	ID of the thirteenth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL14_ID	ID of the fourteenth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL15_ID	ID of the fifteenth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL16_ID	ID of the sixteenth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
VESSEL17_ID	ID of the seventeenth vessel used on the route, if applicable	NUMERIC (10.0)	10	1 - 9999999999
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
CENSUS_YEAR	Year of the census	DATE (yyyy)	4	2018