Small Air Carrier Statistics [1969 to 2002] (Form 298C Traffic Data)

The Bureau of Transportation Statistics
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National Transportation Library preservation note: The information in this document was present on the Bureau of Transportation Statistics (BTS) *TranStats* webpages on December 07, 2021. This preservation action was taken because *TranStats* is undergoing reorganization.

The original URL was https://www.transtats.bts.gov/Tables.asp?QO_VQ=EEI&QO_anzr=fznyy%FDNv4%FDPn44vr4 %FDf6n6v56vp5%FD%FLS14z%FDFMLP%FDg4nssvp%FDQn6n%FM&QO_fu146_anzr=fzn yy%FDNv4%FDPn44vr45 . It is not known how much longer this URL will be functional.

Because a number of *TranStats* aviation-related statistical tables, products, reports, and datasets are popular BTS product, NTL is providing access to the contextual information and code tables that were once available on the BTS web.

Please note that while the information gathered below is not displayed in the same way as on the original webpages, the intellectual content of those pages is captured and preserved for future use. Minor edits may have been introduced to correct errors or improve navigation. Data files included with this record are accurate captures of the data as it existed in the *TranStats* database on the date of preservation.

The pages below capture the information presented in the TranStats html webpages. The Small Air Carrier Statistics themselves were not displayed in the TranStats interface. Instead, users could select variables of interest and download the entire dataset or the subset of interest. For preservation purposes, each entire datasets and their contextual information is preserved. They are saved as .csv (comma separated value) files, which can be opened in any text editor or spreadsheet program. The Small Air Carrier Statistics .csv files can be found in the folder named "Data" within the .zip folder attached to this record.

Small_Air_Carrier_Stats_data_and_documentation_20211207 ZIP Folder Inventory:
- Data_Tables
  - Small_Air_Car_Stat_T_FORM298C_A1_20211207.csv
  - Small_Air_Car_Stat_T_FORM298C_E1_20211207.csv
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- Lookup_Tables
  - L_CITIES.csv
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  - L_QUARTERS.csv
  - L_REGION.csv
  - L_STATE_ABR_AVIATION.csv

- - L_STATE_FIPS.csv
    - L_UNIQUE_CARRIER_ENTITIES.csv
    - L_WORLD_AREA_CODES.csv
    - L_AIRPORT.csv
    - L_CARRIERS.csv
- Web_Page_Documentation
    - Small_Air_Carrier_Statistics_page_20211207.pdf
    - Small_Air_Carrier_Statistics_page_text_20211207.txt
    - Small_Air_Carrier_Statistics_Web_Preservation_20211207_1600.pdf (this document)

These preservation actions were taken on December 07, 2021.

Small Air Carrier Statistics [1969 to 2002] (Form 298C Traffic Data)

Overview

This database includes information on small carrier flights performed in scheduled, non-scheduled, and charter service. The data is used to produce air carrier load-factors. It also contains data on scheduled departures, completed departures, revenue passenger miles, revenue ton miles, available seat miles, and available ton miles. It is collected by the Office of Airline Information of the Bureau of Transportation Statistics.

Coverage

Data includes small certificated air carriers and commuter air carriers.

Availability

First Year: 1969
Last Year: 2002
Frequency: Quarterly
For specific tables, check starting year on their table information page.

Data Tables

Schedule A-1: This table provides a summary of commuter air carrier activity, by quarter, for such information as scheduled departures, completed departures, revenue passenger miles, revenue ton miles, available seat miles, and available ton miles.

Schedule E-1: This table summarizes non-scheduled commuter charter activity on a quarterly basis, and includes information on the carrier, origin airport, and number of passengers.

Schedule T-1: This table provides quarterly information by commuter air carriers, by origin and destination airports, for such items as freight, mail, and the number of passengers.

Summary Tables

National Transportation Statistics

Air Carrier Profile   http://www.bts.gov/publications/national_transportation_statistics/

General Aviation Profile   http://www.bts.gov/publications/national_transportation_statistics/

Related Links

Large Air Carrier Statistics   (Data in TranStats Data Library)
https://www.transtats.bts.gov/databases.asp?Z1qr_VQ=E&Z1qr_Qr5p=N8vn6v10&f7owrp6_VQF=D

Air Carrier Financial Reports (Data in TranStats Data Library)
https://www.transtats.bts.gov/databases.asp?Z1qr_VQ=E&Z1qr_Qr5p=N8vn6v10&f7owrp6_VQF=D

Air Carrier Summary Data (Data in TranStats Data Library)
https://www.transtats.bts.gov/databases.asp?Z1qr_VQ=E&Z1qr_Qr5p=N8vn6v10&f7owrp6_VQF=D

Terms and Definitions

Air Freight: Property, other than express and passenger baggage transported by air.

Air Taxi: A classification of air carriers established by 14 CFR 298 which operate small aircraft, and do not hold a certificate of public convenience and necessity.

Aircraft Hours : The airborne hours of aircraft computed from the moment an aircraft leaves the ground until it touches the ground at the end of a flight stage.

Airport Code: A three character alpha-numeric code issued by the U.S. Department of Transportation which is the official designation of the airport. The airport code is not always unique to a specific airport because airport codes can change or can be reused.

Available Seat Miles: The aircraft miles flown in each inter-airport segment multiplied by the number of seats available for revenue passenger use on that segment.

Carrier Code: Code assigned by IATA and commonly used to identify a carrier. As the same code may have been assigned to different carriers over time, the code is not always unique.

Commuter Air Carrier: An air taxi that provides scheduled passenger service between two points at least 5 days a week.

Completed Departures: Takeoffs made at an airport. (same as Departures Performed)

Domestic Operations: All air carrier operations having destinations within the 50 United States, the District of Columbia, the Commonwealth of Puerto Rico, and the U.S. Virgin Islands.

FIPS: Federal Information Processing Standards. Usually referring to a code assigned to any of a variety of geographic entities (e.g. counties, states, metropolitan areas, etc). FIPS codes are intended to simplify the collection, processing, and dissemination of data and resources of the Federal Government.

Non-Scheduled Service: Revenue flights, such as charter flights, that are not operated in regular scheduled service.

Revenue: Pertaining to activities for which remuneration is received by the carrier.

Revenue Passenger Mile: One revenue passenger transported one mile in revenue service. Revenue passenger miles are computed by summation of the products of the revenue aircraft miles on each interairport segment multiplied by the number of revenue passengers carried on that segment.

Revenue Ton Mile: One revenue ton (2,000 pounds) transported one statute mile.

Scheduled Departures: Takeoffs scheduled at an airport, as set forth in published schedules. (same as Departures Scheduled)

Scheduled Service: Transport service operated persuant to published flight schedules, including extra sections and related nonrevenue flights.

Seat Mile: The aircraft miles flown in each inter-airport segment multiplied by the number of seats available on that segment for revenue passenger use.

Small Aircraft: Aircraft originally designed to have a maximum passenger capacity of 60 seats or less or a maximum payload capacity of 18,000 pounds or less.

Small Certificated Air Carrier: An air carrier which operates small aircraft, and holds a certificate of public convenience and necessity.

Ton Mile: One ton (2,000 pounds) transported one statue mile. Ton-miles are computed by multiplying the aircraft miles flown on each inter-airport segment by the number of tons carried on that segment.

World Area Code (WAC): Numeric codes used to identify geopolitical areas such as countries, states (U.S.), provinces (Canada), and territories or possessions of certain countries. The codes are used within the various data banks maintained by the Office of Airline Information (OAI) and are created by OAI.

Data Source and Contacts

Data Provider Agency: OST_R/BTS

Data Provider Office: Office of Airline Information

BTS Contact: TranStats Customer Support

Phone: (800) 853-1351

Email: answers@dot.gov

Data Table: Schedule A-1

Description: This table contains historical information, from the third quarter of 1974, pertaining only to flights performed in scheduled service (nonscheduled and charter service data are not collected). These data reflect the number of aircraft hours, aircraft miles, departures, revenue passenger-miles, available seat-miles, revenue ton-miles transported by commuter air carriers in scheduled service. Note: Effective with the data for the data for the third quarter of 1999 and for the quarterly periods thereafter, the count of Revenue passenger Miles and of Available Seat Miles are presented in thousands. For data prior to the third quarter of 1999, RPM and ASM figures are presented in whole numbers.

Table Profile:

Records:	6,604
Fields:	15
First Year:	1974
Last Year:	2002
Frequency:	Quarterly
Latest Available Data:	June, 2002

Data Dictionary (Table Contents):

Field Name	Description
Quarter	Quarter (1-4) [See Lookup Tables folder for: L_QUARTERS.csv]
CarrierRegion	Operating Region Of Entity [See Lookup Tables folder for: L_REGION.csv]
Carrier	Carrier Code [See Lookup Tables folder for: L_CARRIERS.csv]
CarrierName	Carrier Name
CarrierEntity	Carrier Entity [See Lookup Tables folder for: L_UNIQUE_CARRIER_ENTITIES.csv]
SchDepartures	Scheduled Departures
DepPerformed	Aircraft Departures
CompDepartures	Completed Departures
AvailTonMiles	Available Ton Miles
AvailSeatMiles	Available Seat Miles
RevPaxMiles	Revenue Passenger Miles
RevTonMiles	Revenue Ton Miles
AircraftMiles	Aircraft Miles
AircraftHours	Aircraft Hours

Downloaded Table Name: Small_Air_Car_Stat_T_FORM298C_A1_20211207.csv
(See files attached to this record.)

Data Table: Schedule E-1

Description: This table contains historical information, from the first quarter of 1995, pertaining only to small carrier flights performed in non-scheduled and charter service (for scheduled service, see Form 298C(A1) or Form 298C(T1) data). These data reflect the number of enplaned passengers by departure (origin) airport, by air carrier. For more information, contact the Office of Airline Information.

Table Profile:

Records:	27,349
Fields:	13
First Year:	1995
Last Year:	2002
Frequency:	Quarterly
Latest Available Data:	June, 2002

Data Dictionary (Table Contents):

Field Name	Description
Quarter	Quarter (1-4) [See Lookup Tables folder for: L_QUARTERS.csv]
Carrier	Carrier Code [See Lookup Tables folder for: L_CARRIERS.csv]
CarrierName	Carrier Name
Origin	Origin Airport [See Lookup Tables folder for: L_AIRPORT.csv]
OriginCityNum	Origin Airport City Code [See Lookup Tables folder for: L_CITIES.csv]
OriginCityName	Origin City Name
OriginCountryName	Origin Country Name
OriginState	Origin State Code [See Lookup Tables folder for: L_STATE_ABR_AVIATION.csv]
OriginStateFips	Origin State FIPS [See Lookup Tables folder for: L_STATE_FIPS.csv]
OriginStateName	Origin State Name
OriginWac	Origin Airport, World Area Code [See Lookup Tables folder for: L_WORLD_AREA_CODES.csv]
Passengers	Passengers Enplaned

Downloaded Table Name: Small_Air_Car_Stat_T_FORM298C_E1_20211207.csv
(See files attached to this record.)

Data Table: Schedule T-1

Description: This table contains historical information, from the third quarter of 1969, pertaining only to flights performed in scheduled service (nonscheduled and charter service data are not collected). This data reflects the origin-destination of the passenger traffic itineraries on the reporting carrier's route system, for the quarter. This data does not reflect traffic by flight segments or stages, and does not reflect traffic by individual flight number, but does reflect the total origin-destination passenger traffic on the reporting carrier's route system.

Table Profile:

Records:	949,534
Fields:	26
First Year:	1969
Last Year:	2002
Frequency:	Quarterly
Latest Available Data:	June, 2002

Data Dictionary (Table Contents):

Field Name	Description
Quarter	Quarter (1-4) [See Lookup Tables folder for: L_QUARTERS.csv]
Carrier	Carrier Code [See Lookup Tables folder for: L_CARRIERS.csv]
CarrierName	Carrier Name
Origin	Origin Airport [See Lookup Tables folder for: L_AIRPORT.csv]
OriginCityNum	Origin Airport City Code [See Lookup Tables folder for: L_CITIES.csv]
OriginCityName	Origin City Name
OriginCountryName	Origin Country Name
OriginState	Origin State Code [See Lookup Tables folder for: L_STATE_ABR_AVIATION.csv]
OriginStateFips	Origin State FIPS [See Lookup Tables folder for: L_STATE_FIPS.csv]
OriginStateName	Origin State Name
OriginWac	Origin Airport, World Area Code [See Lookup Tables folder for: L_WORLD_AREA_CODES.csv]
Dest	Destination Airport [See Lookup Tables folder for: L_AIRPORT.csv]
DestCityName	Destination City Name
DestCityNum	Destination City Code [See Lookup Tables folder for: L_CITIES.csv]

DestStateName	Destination Airport, State Name
DestState	Destination State Code [See Lookup Tables folder for: L_STATE_ABR_AVIATION.csv]
DestStateFips	Destination State FIPS [See Lookup Tables folder for: L_STATE_FIPS.csv]
DestCountryName	Destination Airport, Country Name
DestWac	Destination Airport, World Area Code [See Lookup Tables folder for: L_WORLD_AREA_CODES.csv]
Domestic	Domestic Flight (1=Yes) [See Lookup Tables folder for: L_FORM298C_DOMESTIC.csv]
Distance	Distance between airports (miles)
DistanceGroup	Distance Intervals, every 500 Miles, for Flight Segment [See Lookup Tables folder for: L_DISTANCE_GROUP_500.csv]
Passengers	Number of Passengers
Freight	Revenue Freight (pounds)
Mail	Revenue Mail (pounds)

Downloaded Table Name: Small_Air_Car_Stat_T_FORM298C_T1_20211207.csv
(See files attached to this record.)