

Sources of Transportation Statistics

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National Transportation Library
Bureau of Transportation Statistics
Research and Innovative Technology
Administration
US Department of Transportation



Transportation Statistics

- BTS Air Carrier Statistics
- TranStats Database
- Other BTS Statistical Sources
- Other DOT Statistics
- Outside Sources of Transportation Data



BTS Air Carrier Statistics

Air carriers are required under 14 CFR 234 and 241 to report statistics to BTS (some data monthly, some quarterly or semiannually).

- Traffic T-100 Market and Segment statistics: flights, passengers, freight & mail by route/carrier/aircraft type
- Traffic Summary Data: aggregated data for US carriers only, includes RPMs, ASMs, RTMs
- Origin and Destination Survey (10% sample of domestic itineraries, includes fare data)



BTS Air Carrier Statistics

- Financial Statistics (carriers divided into groups over/under \$20 million in revenue)
 - Revenue/expenses
 - Fuel cost and consumption
 - Employment by labor category
 - Balance sheet data
 - Quarter/Month and Carrier Region
- On-Time Performance Data (Carriers with 1% of domestic, scheduled passenger revenue)
 - Delays, cancellations and diversions
 - Day- and flight-specific data
 - Domestic flights/carriers only



BTS Air Carrier Statistics

Ways to access airline data

- [Press releases](#) & other prepared tables
- [Generate tables](#)
- [Download raw data from TranStats](#)



Accessing TranStats Data

Analysis

- Click on title, then “analysis” next to desired field
- Quick access to a few fields, yearly and time series/crosstabs tables
- Aggregated data downloads easily to Excel

Download

- Click “Download” under file description and select fields
- More detailed tables with 3 or more variables
- Monthly/quarterly/semiannually
- Filter for geography (state/country)
- Use [Microsoft Access](#) to filter/consolidate large files

<http://www.transtats.bts.gov>



TranStats: Other Databases

- National Census of Ferry Operators
 - Routes
 - Types of Operators
 - Terminals and Facilities
 - Vessels
- Census Transportation Planning Package
 - Based on Census 2000
 - Place of work/residence and journey-to-work data for transp. planning
- Border Crossing Data (alternate format)
 - Vehicles/passengers entering the US
 - Canada and Mexico surface travel
- Motor Carrier Financial and Operating Info. (1999-2003)



TranStats Help

Our airline/TranStats data FAQs are available at <https://ntl.custhelp.com> (search “airline”)

Feel free to contact the Reference Team at:

RITAInfo@dot.gov

800-853-1351

202-366-3492



Other BTS Statistical Sources

General/Aggregated Data:

- [Pocket Guide to Transportation](#)
- [National Transportation Statistics](#)
- [State Transportation Statistics](#)
- [Transportation Statistics Annual Report](#)

Freight/Passenger Sources:

- [Border Crossing/Entry Data](#)
- [North American Transborder Freight Data](#)
- [Commodity Flow Survey](#)

Economic Data:

- [Transportation Services Index](#)
- [Air Travel Price Index](#)



Aviation Data

- [FAA Administrator's Fact Book](#)
 - Overview of traffic, financial, infrastructure data
- [FAA Aerospace Forecasts](#)
- [Air Traffic Activity Data System](#)
 - Airport traffic including general aviation and air taxis, military flights
 - Take-offs and landings, both local and itinerant
- [General Aviation and Part 135 Activity Surveys](#)
 - traffic, conditions and equipment
- [Air Travel Consumer Report](#)
 - Summary of delays, complaints, mishandled baggage, etc.
 - Monthly and 12-month totals



Highways Data

- [Highway Statistics](#) (FHWA)
 - Vehicles, drivers, miles of roadway, fuel, finance and vehicle miles
- [Traffic Volume Trends](#) (FHWA)
 - Monthly vehicle miles traveled
- [Fatality Analysis Reporting System](#) (NHTSA)
 - Search fatal accident records
 - See also “Traffic Safety Facts” reports
- [SafeStat](#) motor carrier data (FMCSA)
- [National Household Travel Survey](#)



Transit/Rail Data

- National Transit Database (FTA)
 - Ridership, infrastructure & finance statistics
 - National and transit agency level
- APTA also has easy-to-use transit statistics
- Railroad Financial and Statistical Reports
(Surface Transportation Board)
 - Traffic, financial, employment reports
 - Freight Railroads



Maritime Data

- US Waterborne Foreign Trade & US Foreign Container Trade
 - By US port and trading partner
- Vessel Calls at US Ports
 - By vessel type and port
- Merchant Fleet Statistics
 - By vessel type and flag/ownership country
- Surveys of Great Lakes operators and barge operators
- Cruise ship statistics

http://www.marad.dot.gov/library_landing_page/data_and_statistics/Data_and_Statistics.htm



Some Non-DOT Sources

- [Annual Energy Outlook](#) (DOE)
 - Forecasts to 2030
 - Includes VMT, alternative fuel vehicles
- [Transportation Energy Data Book](#) (DOE)
- [National Transportation Safety Board](#)
 - Reports and statistics on accidents
 - Aviation and other modes
- [Travel to/from the US](#) (DOC)
 - Number of US citizens traveling abroad and foreign citizens traveling to the US
 - Tourism and spending data
 - Office of Travel and Tourism Industries
- [Statistical Abstract of the United States](#)
 - Historical transportation statistics back to the 19th century



NTL Statistics FAQs

- [Sources of Airline Traffic Statistics](#)
- [Sources of Airline Financial Statistics](#)
- [Sources of Airline On-Time Statistics](#)
- [US Air Carrier Employee Statistics](#)
- [General Aviation Traffic Statistics](#)
- [Airline Fleet Statistics](#)
- [Statistics on Take-offs and Landings by Airport](#)
- [Commuting Statistics](#)
- [Highway Vehicle Miles Traveled Statistics](#)
- [State Crash Statistics](#)
- [State Traffic Count Statistics](#)
- [Fuel Economy Statistics Sources](#)
- [Transportation Statistics for Foreign Countries](#)

