



METHODOLOGICAL EXPLANATION

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AIR TRANSPORT

This methodological explanation relates to the data releases:

- Transport, Slovenia, monthly (First Release)
- Transport, Slovenia, annually (First Release)
- Air transport, Slovenia, annually (First Release). The data for airport traffic from 2004 onwards are available in the SiStat Database. For air transport data from 1998 to 2019 are available.



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1 PURPOSE

The purpose of publishing the data is to show key statistics on air transport. These are:

- the number of passengers in airport traffic,
- the quantity of goods in airport traffic,
- the number of passengers carried in air transport,
- the number of goods carried in air transport,
- the number of passenger kilometres in air transport,
- the number of tonne kilometres in air transport.

2 LEGAL FRAMEWORK

- [Annual Programme of Statistical Surveys \(LPSR\) \(only in Slovene\)](#)
- [National Statistics Act \(OJ RS, No. 45/95 and 9/01\)](#)
- Regulation (EC) 437/2003 of 27 February 2003 of the European Parliament and of the Council on statistical returns in respect of the carriage of passenger, freight and mail by air with amendments (CELEX: 32003R0437)
- Commission Regulation 1358/2003 implementing Regulation (EC) 437/2003 of the European Parliament and of the Council on statistical returns in respect of the carriage of passengers, freight and mail by air with amendments (CELEX: 32003R1358)

3 UNIT DESCRIBED BY THE PUBLISHED DATA

Units described by the published data are:

- Airport passenger traffic in public transport by arrival/departure, scheduled/non-scheduled services and by country of aircraft arrival/departure
- Airport goods traffic in public transport by arrival/departure, scheduled/non-scheduled services and by country of aircraft arrival/departure
- Airport passenger traffic by type of transport (public transport/general aviation/other) arrival/departure and by scheduled/non-scheduled services
- Airport goods traffic by type of transport (public transport/general aviation/other) arrival/departure and by scheduled/non-scheduled services
- Aircraft movements by type of transport (public transport/general aviation/other) arrival/departure and by scheduled/non-scheduled services^{3/8}
- Air passengers and Passenger-kilometres in air transport by scheduled/non-scheduled services and by type of international transport (flight to foreign countries/flight from foreign countries/flight in foreign countries)

- Goods and Tonne-kilometres in air transport by scheduled/non-scheduled services and by type of international transport (flight to foreign countries/flight from foreign countries/flight in foreign countries)
- Exploitation of passengers seats and carrying capacity by scheduled/non-scheduled services and by type of international transport (flight to foreign countries/flight from foreign countries/flight in foreign countries)

4 SELECTION OF OBSERVATION UNIT

The observation and reporting units in the annual statistical survey on airport traffic (TR-LET/L) are three international airports in Slovenia:

- Ljubljana Jože Pučnik Airport (up to July 2007 Ljubljana Airport)
- Maribor Edvard Rusjan Airport (up to June 2008 Maribor Airport)
- Portorož Airport

The observation and reporting unit in the monthly survey on airport traffic (TR-LET/M) is Ljubljana Jože Pučnik Airport.

The observation and reporting unit for the annual and monthly surveys of air transport (TR-ZRA/L and TR-ZRA/M) was the biggest Slovenian air carrier.

The observation and reporting units in the annual statistical survey on airport traffic (TR-LET/L) are three international airports in Slovenia:

- Ljubljana Jože Pučnik Airport (up to July 2007 Ljubljana Airport)
- Maribor Edvard Rusjan Airport (up to June 2008 Maribor Airport)
- Portorož Airport

The monthly survey on airport traffic (TR-LET/M) is a threshold survey. The threshold is 150,000 passengers in airport traffic annually. The reporting unit is Ljubljana Jože Pučnik Airport.

The observation and reporting unit for the annual and monthly surveys of air transport (TR-ZRA/L and TR-ZRA/M) was the biggest Slovenian air carrier. From September 2019 onwards we will no longer publish air traffic data due to the termination of the only Slovenian air carrier.

5 SOURCES AND METHODS OF DATA COLLECTION

Data on air transport are collected with four surveys:

- Annual Statistical Survey on Airport Traffic; TR-LET/L
- Monthly Statistical Survey on Airport Traffic; TR-LET/M
- Annual Statistical Survey on Air Transport; TR-ZRA/L
- Monthly Statistical Survey on Air Transport; TR-ZRA/M

Data on air transport are collected with four surveys:

- Annual Statistical Survey on Airport Traffic; TR-LET/L
- Monthly Statistical Survey on Airport Traffic; TR-LET/M
- Annual Statistical Survey on Air Transport; TR-ZRA/L
- Monthly Statistical Survey on Air Transport; TR-ZRA/M

Data for the annual survey on airport traffic (TR-LET/L) are collected by sending to the reporting units a printed questionnaire or electronic form for self-reporting in Excel. The reporting units are obliged to transmit to the Statistical Office the requested data for the previous year by 10 March of the following year. Data for the monthly survey on airport traffic (TR-LET/M) are collected by reporting units answering the electronic form. The reporting units are obliged to transmit to the Statistical Office the requested data for the month before last not later than by 10th day in the month. Data for the annual and monthly surveys on air transport (TR-ZRA/L and TR-ZRA/M) are collected by sending to the reporting units a notification letter and its annex by mail and electronic form for self-reporting in Excel. The reporting unit is obliged to transmit to the Statistical Office the requested data for the previous year in the Annual Survey on Air transport (TR-ZRA/L) by 10 March of the following year. The reporting unit is obliged to transmit to the Statistical Office the requested data for the month before last in the context of the Monthly Survey on Air Transport (TR-ZRA/M) not later than by 10th day in the month. The reporting unit sends the data to the Statistical Office electronically. The reporting unit obtains the data from its own monitoring and statistical recording of business activities - passenger and goods airport traffic and air transport.

Data for the survey are not obtained from administrative sources.

6 DEFINITIONS

Transport is an economic activity of carrying goods and people.

AIRPORT TRAFFIC

Data on passengers and freight at Ljubljana Jože Pučnik Airport are collected as to the origin/destination of the aircraft flight.

Public air transport

An air transport flight or a series of flights for public transport of passengers and/or freight and mail, for remuneration or for hire. Public air transport may be either scheduled or non-scheduled.

General aviation

These are other commercial and non-commercial flights (non-scheduled business flights, state flights, military, ambulance, technical flights, etc.).

Other

These are training flights, demonstration flights and test flights.

Scheduled air service

Transport operated according to a published timetable, or with such a regular frequency that it constitutes an easily recognisable systematic series of flights.

Non-scheduled air service

Transport other than that reported under scheduled service.

Aircraft movements

All take-offs and landings of aircraft. Includes total commercial and non-commercial aircraft movements.

Passengers

All revenue and non-revenue passengers on a particular flight (with one flight number) whose journey begins or terminates at the reporting airport and transfer passengers joining or leaving the flight at the reporting airport.

Goods

All freight and mail loaded onto or unloaded from an aircraft. Passenger baggage is excluded. Direct transit is excluded.

Direct transit passengers

Passengers who, after a short stop, continue their journey on the same aircraft on a flight having the same flight number as the flight on which they arrive. In total airport statistics as well as for the calculation of the passenger units passengers in direct transit are counted once only.

Transfer or indirect transit passengers, baggage, freight or mail

Passengers, baggage freight or mail arriving and departing on a different aircraft within 24 hours, or on the same aircraft bearing different flight numbers. They are counted twice: once upon arrival and once on departure.

AIR TRANSPORT

National transport

Transport where take-off and landing airports are in the Republic of Slovenia and flight to the air space of a foreign country is not anticipated.

International transport

Passengers and/or goods transport to and from foreign countries as well between foreign countries.

International transport - flight in foreign countries

Passengers and/or goods transport between foreign countries or transport of passengers and goods between foreign airports.

Commercial flight

Flight for remuneration and for hire, on scheduled or non-scheduled basis, where the aircraft is available to public for the transportation of passengers and/or goods.

Scheduled service

Flights published in the carriers timetable at the beginning of season. These are mostly passengers, goods and mail lines.

Non-scheduled service

Flights which do not have scheduled flight characteristics and are published under special conditions such as charter, taxi or sightseeing flights.

Aircraft kilometres

The sum of distance of all commercial flights.

Passenger

Any person carried by plane in consent with the carrier and who paid commercial carriage. Persons who paid the ticket but did not use it are excluded. Members of the flight and cabin crews are also excluded.

Passenger-kilometre

A passenger kilometre is performed when a passenger is carried for one kilometre.

Goods

All transported freight and mail. Passenger luggage and stocks on the aircraft are excluded.

Tonne-kilometres

The sum obtained by multiplying the total number of tonnes of freight carried at single flights and the airport-to-airport distance.

Passenger tonne-kilometres

The product obtained by multiplying the passenger kilometres flown and the weight of each of the passengers including both free and excess baggage. The standard weight per passenger is 90 kg (baggage included).

Exploitation of passenger seats

Proportion between passenger-kilometres performed and available seat-kilometres. Seat-kilometres available are equal to the sum of the products

obtained by multiplying the number of passenger seats available on each flight and the flight distance.

Exploitation of carrying capacity

Proportion between passenger and goods tonne kilometres performed and available tonne-kilometres. Tonne-kilometres performed are obtained by multiplying the total number of tonnes of freight revenue load carried on the flight stage and the airport-to- airport distance. Passenger tonne-kilometres performed are obtained by multiplying the passenger-kilometres flown by the weight of each of the passengers including both free and excess baggage.

7 EXPLANATIONS

7.1 CLASSIFICATIONS

7.2 DATA PROCESSING

DATA EDITING

Data editing was not performed.

WEIGHTING

Weighting was not performed.

SEASONAL ADJUSTMENT

Seasonal adjustment is not applicable.

7.3 INDICES

Indices are not published.

7.4 PRECISION

The precision is not calculated.

7.5 OTHER EXPLANATIONS

8 PUBLISHING

- SiStat Database: Economy – [Transport – Air transport](#). Absolute data are published.
- SiStat Database: Economy – [Transport – Transport by modes](#). Absolute data are published.
- First Release (Transport): »Transport, Slovenia, monthly«
- First Release (Transport): "Slovenia, annually"
- First Release (Transport, Air transport): "Slovenia, annually"
- [Statobook](#)
- EUROSTAT (Statistical Office of the European Union)
- The Organisation for Economic Co-operation and Development (OECD)

9 REVISION OF THE DATA

9.1 PUBLISHING OF PRELIMINARY AND FINAL DATA

Provisional data are not disseminated. Only final data are published.

9.2 FACTORS INFLUENCING COMPARABILITY OVER TIME

From September 2019 onwards we no longer publish air traffic data as part of the annual and monthly surveys of air transport (TR-ZRA/L and TR-ZRA/M) due to the termination of the only Slovenian air carrier.

10 OTHER METHODOLOGICAL MATERIALS

Methodological materials on SURS's website are available at <https://www.stat.si/statweb/en/Methods/QuestionnairesMethodologicalExplanationsQualityReports>.

- Questionnaire (only in Slovene):
 - The questionnaire for the statistical survey on airport traffic on three Slovenian international airports is available only in Slovenian: Vprašalnik za letno statistično raziskovanje Promet na letališčih (TR-LET/L) Theme: Transport, Subtheme: Air transport

- Reference Metadata in Euro SDMX Metadata Structure: (ESMS): Air transport measurement – passengers (avia_pa), freight and mail (avia_go), airport traffic (avia_tf) and regional statistics (avia_rg), https://ec.europa.eu/eurostat/cache/metadata/EN/avia_pa_esms_si.htm
- [Reference manual on air transport statistics](#)
- [Glossary of transport statistics, 5th edition 2019](#)