

Statistical survey on airports (monthly)

T_TRANS.A.1_M_EN_2021_12

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for construction statistics, energy and transport	
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2	Metadata update
2.1	Metadata last certified
26/10/2022	
2.2	Metadata last posted
26/10/2022	
2.3	Metadata last update
26/10/2022	

3	Statistical presentation
3.1	Data description
	Data for: passengers, goods and mail carried by domestic and foreign aircraft in regular and charter transport.
3.2	Classification system
	National classification of activities NKD Rev.2.
3.3	Sector coverage
	Sector-H Transportation and storage, class-51.10 Passenger air transport and class -51.21 Freight air transport, according to NKD Rev. 2.
3.4	Statistical concepts and definitions
	Flight- is an operation carried out by an aircraft to transport passengers, goods and mail from one point to another. Flight, commercial air transport - the operation of aircraft on one or more stages on a scheduled or non-scheduled basis, which is available to the public for remuneration and for hire. Technical stops are not counted in the number of stages. Domestic flight - a flight stage flown between points within the domestic boundaries of a country by an airline registered in that country. International flight is a flight with starting destination on the territory of one country, and the destination of landing is in other country. Flight lines are distances from starting destination to the final destination, an airport to airport distance. Passengers in air transport are considered those people who bought a ticket in order to be transported to a certain destination. The number of passengers does not include those persons who bought a ticket but did not use it. The crew is not included in the number of passengers, also. Freight implies the transport of all goods according to shipment documents expressed in tonnes, excluding the mail. Also considered as freight is the paid passenger luggage included in the shipment document and the store of fuel and lubricants. Mail is considered as the transport of all postage shipments, packages and newspapers received by the representatives of the post office department of the aircraft company to be delivered to the postal entity after the flight has ended.
3.5	Statistical unit
	Every business entity classified in the Section H –Transportation and storage, class-51.10 Passenger air transport and class-51.21 Freight air transport, according to NKD Rev. 2.
3.6	Statistical population
	All business entities (enterprises), classified in the section H – Transportation and Storage, class-51.10 Passenger air transport and class-51.21 Freight air transport, according to NKD Rev. 2.
3.7	Reference area
	Republic of North Macedonia
3.8	Time coverage
	Since January 1965.

3.9	Base period
Not relevant.	
4	Unit of measure
Number, tonnes, index.	
5	Reference period
Month.	
6	Institutional mandate
6.1	Legal acts and other agreements
<p>NATIONAL LEGISLATION</p> <p>Law on State Statistics ("Official Gazette of the Republic of Macedonia" No. 54/1997, 21/2007, 51/2011, 104/2013, 42/2014, 192/2015, 27/16, 83/18, 220/18 and "Official Gazette of the Republic of North Macedonia" No. 31/20) (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx)</p> <p>Programme of Statistical Surveys 2018-2022 ("Official Gazette of RM" No. 22/18, 224/18 and "Official Gazette of the Republic of North Macedonia" No. 18/20 and 300/20.) (https://www.stat.gov.mk/ZaNas_en.aspx?id=8)</p> <p>EUROPEAN LEGISLATION</p> <p>The exact name of the EC Regulation for the relevant survey is stated.</p>	
6.2	Data sharing
Data are disseminated to EUROSTAT by EDAMIS from January 2008.	
7	Confidentiality
7.1	Confidentiality - policy
<p>1. The protection of individual data is regulated by the Law on State Statistics (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx).</p> <p>2. The basic principles and activities undertaken to ensure data confidentiality are described in the Policy on Statistical Confidentiality (https://www.stat.gov.mk/pdf/PolicyOnStatisticalConfidentiality.pdf).</p>	
7.2	Confidentiality - data treatment
Pursuant to Article 38 of the Law on State Statistics (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx) and the Policy on Statistical Confidentiality (https://www.stat.gov.mk/pdf/PolicyOnStatisticalConfidentiality.pdf), individual data are not published. However, if access is granted to microdata from the relevant survey, then the methods used to prevent data disclosure should be specified.	
8	Release policy

8.1	Release calendar
The date of data publication is determined in the Advance Release Calendar, which is updated quarterly.	
8.2	Release calendar access
https://www.stat.gov.mk/Kalendar_en.aspx	
8.3	User access
All users have equal access to statistics at the same time: this means that the publication dates are announced in advance and no user has access to official statistics before they are published. Statistical data are first published in the "News Releases" edition on the website of the State Statistical Office at 12:00.	
9	Frequency of dissemination
Monthly.	
10	Accessibility and clarity
10.1	News release
In accordance with the Dissemination Strategy (http://www.stat.gov.mk/Dokumenti/strategii/StrategijaDiseminacija2014-2016en.pdf), news releases are published (indicate the periodicity: monthly, quarterly) and they are available on the website of the SSO in the section: "News Releases".	
10.2	Publications
Statistical Yearbook (link: https://www.stat.gov.mk/PrikaziPublikacija_1_en.aspx?rbr=845).	
10.3	On-line database
http://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Transport_PrevezeniPatniciStoki/?rxid=4a40bd38-63d8-46ad-9d7b-0a216c2e4b39	
10.4	Micro-data access
All users have equal access to statistics at the same time: this means that the publication dates are announced in advance and no user has access to official statistics before they are published. Statistical data are first published in the "News Releases" edition on the website of the State Statistical Office at 12:00.	
10.5	Other
At the request of users, data are also prepared in a form according to their needs.	
10.6	Documentation on methodology

Methodological explanations are published on the web-page of SSO. https://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=72&rbrObl=24

Methodological explanations which are part of publications "Transport and other services, 2015". https://www.stat.gov.mk/PrikaziPoslednaPublikacija_en.aspx?id=15

Glossary for Transport Statistics, https://ec.europa.eu/eurostat/cache/metadata/Annexes/avia_if_esms_an1.pdf

10.7 Quality documentation

11 Quality management

11.1 Quality assurance

The quality of the processes and products in the State Statistical Office is ensured by adhering to the European Statistics Code of Practice (https://www.stat.gov.mk/ZaNas_en.aspx?id=2) and the Quality Assurance Framework within the European Statistical System (ESS Quality Assurance Framework – <https://ec.europa.eu/eurostat/documents/64157/4392716/ESS-QAF-V2.0-final.pdf>). The quality criteria are also determined in the Law on State Statistics in Article 4b and Article 4c (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx).

11.2 Quality assessment

The State Statistical Office carries out statistical activities in accordance with the Statistical Business Process Model, which is based on the international model - Generic Statistical Business Process Model (GSBPM). The application of this model and international standards in statistical production ensures a high level of accuracy and comparability of data.

12 Relevance

12.1 User needs

Data for the airports are used by the Government, local self government as well as the business community. Business entities and other users use airport data as indicators for creating their business policies. External users use: - indicators for airports for monitoring and analyzing situation and movements in the area of infrastructure and transport in the country.

12.2 User satisfaction

Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.

12.3 Completeness

In relation with indicators that are foreseen in accordance with Regulation (EC) No.437/2003 of the European Parliament, SSO provides around 100% of them.

13	Accuracy and reliability
13.1	Overall accuracy
The survey methodology and the data collection method ensure good coverage and accuracy of the data.	
13.2	Sampling error
Not applicable (survey is with total coverage).	
13.3	Non-sampling error
Measurement errors: Data providers are informed for the Survey with delivering of information letters. Collected data are controlled in SSO. Processing errors: Data entry was made in data entry application, manually. During data entry automatic controls are implemented , e.g: data entry control, and additional control after the completion of data entry. In case of bigger shortcomings in questionnaires, data providers were contacted, and for certain items imputations of data were performed using method of expert estimations. Errors in non-response, non-response rate is 0%.	
14	Timeliness and punctuality
14.1	Timeliness
T+60.	
14.2	Punctuality
The data are published on the day announced in the Advance Release Calendar.	
15	Coherence and comparability
15.1	Comparability - geographical
The data are produced at national level. Comparability is provided internationally.	
15.2	Comparability - over time
Since 1965 there is no break in the time series. The number of reference periods in the time series is - 672.	
15.3	Coherence - cross domain
Data are coherent between different parts of transport statistics. Coherence with other areas is not ensured.	
15.4	Coherence - internal
Internal coherence of data is ensured, the data is controlled and analyzed in the production process.	
16	Cost and burden

Administrative data sources are used.	
17	Data revision
17.1	Data revision - policy
Data revision is made in accordance with the Statistical Data Revision Policy of the SSO: (https://www.stat.gov.mk/ZaNas_en.aspx?id=25).	
17.2	Data revision - practice
Not applicable.	
18	Statistical processing
18.1	Source data
This statistical survey is with total coverage. Statistical questionnaire ""Monthly report on airports"" (TRANS.A.1) is fill in by business entities classified in the Section H – Transportation and Storage, class-51.10 Passenger air transport and class-51.21 Freight air transport, according to NKD Rev. 2. Updating of the sample is performed annually.	
18.2	Frequency of data collection
Monthly.	
18.3	Data collection
Data from the survey are collected based on total coverage by the method of self - fulfilling of the statistical questionnaire "Monthly report on airports" (TRANS.A.1). Enterprises fill the data in statistical questionnaires for the current month and submit them to SSO no later than the 15th of the following month.	
18.4	Data validation
Verification of data is done in accordance with the defined control criteria. Verification of the data is performed before and after entering. For the deviations the respondents are contacted. Verification is performing and on the produced indexes prior to their publication.	
18.5	Data compilation
Editing: The received data from the businesses, after their verification and eventual correction in consultation with the reporting units, are entered on an electronic medium through the application that has embedded on-line controls. Processing: Output data are defined in application.	
18.6	Adjustment
Data adjustment is not ensured.	
19	Comment
A.1	Annexes

