

Statistical survey on flow of passengers and goods at railway stations

T_TRANS.Z.22_A_EN_2024_1

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for environment, energy and transport	
1.3	Contact name
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1.4	Contact person function
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2	Metadata update
2.1	Metadata last certified
27/05/2025	
2.2	Metadata last posted
27/05/2025	
2.3	Metadata last update
27/05/2025	
3	Statistical presentation
3.1	Data description
Data for: passenger and goods traffic at railway stations in national transport, in selected cities and selected municipalities.	
3.2	Classification system
National classification of activities NKD Rev.2. Nomenclature of territorial units for statistics -NUTS.	
3.3	Sector coverage
Section H – Transportation and Storage, class 49.10-Passenger rail transport, interurban and class 49.20- Freight rail transport, according to NKD Rev.2.	
3.4	Statistical concepts and definitions
Passengers are any persons who make a journey by railway vehicle. Goods carried by rail are all loaded, unloaded, exported and transit goods measured in tonnes. Loaded goods are all goods loaded in national and international transport. Unloaded goods are all goods unloaded in national and international transport. Net-tonne kilometre is unit of measurement of goods transport which represents the transport of goods in one wagon by rail over a distance of one kilometre.	
3.5	Statistical unit

Business entity	
3.6	Statistical population
All business entities (enterprises), classified in the Section H – Transportation and Storage, class 49.10-Passenger rail transport, interurban and class 49.20- Freight rail transport, according to NKD Rev.2.	
3.7	Reference area
Municipalities in the Republic of North Macedonia	
3.8	Time coverage
From 1956 onwards.	
3.9	Base period
Not applicable	
4	Unit of measure
Number, tonnes.	
5	Reference period
Annual.	
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.mk/en/about-us/legal-acts/law-on-state-statistics/)</p> <p>Programme of Statistical Surveys 2023-2027 ("Official Gazette of the Republic of North Macedonia" No. 29/23 and 57/25) (https://www.stat.mk/en/about-us/legal-acts/program-for-statistical-surveys/)</p> <p>International: Regulation (EC) No 437/2003 of the European Parliament.</p>	
6.2	Data sharing
Not applicable	
7	Confidentiality
7.1	Confidentiality - policy
<p>1. The protection of individual data is regulated by the Law on State Statistics (https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/).</p> <p>2. The basic principles and activities undertaken to ensure data confidentiality are described in the Policy on Statistical Confidentiality (https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/).</p>	
7.2	Confidentiality - data treatment
Pursuant to Article 38 of the Law on State Statistics (https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/) and the Policy on Statistical Confidentiality (https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/), individual data are not published.	
8	Release policy
8.1	Release calendar
The publication of the data is in accordance with the Release Calendar, which is prepared annually before the beginning of the calendar year and is updated quarterly	
8.2	Release calendar access
https://www.stat.mk/en/publishing-calendar/#/	
8.3	User access

In accordance with the dissemination policy, all users have equal access to statistics at the same time. The data are published on the website at the same time for all users, who are informed by the Release Calendar, and no user has privileged treatment. The statistical data are first published in the "News Releases" edition on the WEB page of the SSO at 12 o'clock

9	Frequency of dissemination
Annual.	
10	Accessibility and clarity
10.1	News release
News Releases are published and they are available on the website of the SSO in the section: "News Releases" (https://www.stat.mk/en/all-new-releases)	
10.2	Publications
10.3	On-line database
MAKStat - database available on web-page on SSO. https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/	
10.4	Micro-data access
The use of microdata by external users is possible only for research purposes and is done in accordance with the Law on State Statistics (Article 41, Article 42 and Article 43). Access to anonymised microdata is defined by an internal procedure of the State Statistical Office "Access to anonymised microdata for scientific research purposes" (https://www.stat.mk/en/about-us/procedures/rules-for-access-to-anonymised-microdata-for-research-purposes/).	
10.5	Other
Data are available upon request of data user.	
10.6	Documentation on methodology
"Methodological explanations are published on web-page of SSO. http://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=72&rbrObl=24 Methodological explanations which are part of publications ""Transport and other services, 2015"". http://www.stat.gov.mk/Publikacii/8.4.16.02.pdf	
10.7	Quality documentation
not produced.	
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.mk/en/about-us/quality/code-of-practice/) 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.mk/en/about-us/legal-acts/law-on-state-statistics/).	
11.2	Quality assessment
The State Statistical Office implements 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, as well as the application of international standards in statistical production provide a high level of accuracy and comparability of data	
12	Relevance
12.1	User needs

Data for the railway transport traffic are used by the Government, local self government as well as the business community. Business entities and other users use railway transport traffic data as indicators for creating its business policies.

External users use: - indicators for railway transport traffic, 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

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 controled in SSO. Processing errors: Data entry was made in data entry application. During data entry automatic controls are implemented, e.g: data entry control, and additional control after finishing of data entry. In case of bigger shortcomings in questionnaires, data providers were contacted. Errors in non-response, non-response rate is 0%.

14 Timeliness and punctuality

14.1 Timeliness

T+180 days.

14.2 Punctuality

The survey methodology and the data collection method ensure good coverage and accuracy of the data.

15 Coherence and comparability

15.1 Comparability - geographical

The data are produced at national level. Comparability is achieved on international level.

15.2 Comparability - over time

Since 1956 there is no break in the time series. The number of reference periods in the time series is -68.

15.3 Coherence - cross domain

Data are coherent between diferent parts of transport statistics. Coherence with other areas is not ensured.

15.4 Coherence - internal

Internal coherence of data is ensured.

16 Cost and burden

not available.

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.mk/en/about-us/policies-and-strategies/data-revision/>).

17.2 Data revision - practice

No data are revised.

18 Statistical processing

18.1 Source data

"This statistical survey is with full coverage. The statistical questionnaire ""Annual report on railway transport by railway stations "" (TRANS Z.22) is fill in by business entities classified in the Section H – Transportation and Storage, class 49.10-Passenger rail transport, interurban and class 49.20- Freight rail transport, according to NKD Rev.2. Updating of the sample is performed annually."

18.2	Frequency of data collection
Annual.	
18.3	Data collection
"Data from the survey are collected based on full-scale coverage with a method of self - fullfiling of statistical questionnaire ""Annual report on railway transport by railway stations"" (TRANS Z.22). Enterprises are filling in data in statistical questionnaires and delivery it by the mail to SSO at latest T+90."	
18.4	Data validation
Data control is performed in accordance with defined control criteria. Data control is made before and after data entry. Control is performed on the final data before its dissemination.	
18.5	Data compilation
Editing: The data received from businesses entities, after verification and correction in consultation with the reporting units, are entered in an electronic application with integrated on-line controls. Calculation: Output data are defined in application.	
18.6	Adjustment
Data adjustment is not ensured.	
19	Comment
A.1	Annexes