

Statistical survey on flow of passengers and goods at railway stations

T_TRANS.Z.22_A_EN_2021_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	
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2	Metadata update
2.1	Metadata last certified
24/10/2022	
2.2	Metadata last posted
24/10/2022	
2.3	Metadata last update
24/10/2022	
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 -NTES.	
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
Every business entity (enterprise), 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.	
3.6	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 Republic of Macedonia	
3.8	Time coverage
From 1956.	
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: Law on State Statistics ("Official Gazette of the Republic of Macedonia" No. 54/97, 21/07, 51/11, 104/13, 42/14, 192/15, 27/16, 83/18 и 220/18, 31/20), https://www.stat.gov.mk/ZakonZaStatistika.aspx</p> <p>Programme of Statistical Surveys 2018-2022 ("Official Gazette of the Republic of Macedonia" No. 22/18, 224/18 and Official Gazette of the Republic of North Macedonia No.18/20, 300/20) https://www.stat.gov.mk/Dokumenti/202012231029.pdf</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>Individual data are protected by the Law on State Statistics http://www.stat.gov.mk/ZakonZaStatistika.aspx.</p> <p>The Policy on Statistical Confidentiality https://www.stat.gov.mk/pdf/PolitikaZaDoverlivost.pdf contains the basic principles used in the SSO.</p>	
7.2	Confidentiality - data treatment
According to the article 38 from the Law on State Statistics (https://www.stat.gov.mk/ZakonZaStatistika.aspx) and the The Policy on Statistical Confidentiality https://www.stat.gov.mk/pdf/PolitikaZaDoverlivost.pdf , all the individual data are confidential and they 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
http://www.stat.gov.mk/Kalendar_nov.aspx	
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
10.2	Publications
"Statistical review: ""Transport and other services, 2015"". Number of views on web page - 157. http://www.stat.gov.mk/Publikacii/8.4.16.02.pdf "	

10.3	On-line database
MAKStat - database available on web-page on SSO. Number of views on web page - 263. http://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef	
10.4	Micro-data access
According to the Law on State Statistics (Article 41,42 and 43) http://www.stat.gov.mk/ZakonZaStatistika.aspx (Article 41) and the Policy on Access to Anonymised Microdata for scientific purposes http://www.stat.gov.mk/ZaNas.aspx?id=22 , data collected for the purpose of official statistics may be used for scientific purposes if there is no risk of direct or indirect identification, i.e. disclosure of data individuality. Access to microdata is possible only in the safe room at the SSO, based on a submitted and approved request and a signed agreement	
10.5	Other
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/Publikaciji/8.4.16.02.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 respecting the European Code of Conduct of European Statistics (https://www.stat.gov.mk/ZaNas.aspx?id=2) and the Quality Assessment Framework within the European Statistical System (ESS Quality Assurance Framework-- https://ec.europa.eu/eurostat/documents/64157/4392716/ESS-OAF-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.aspx).	
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
The State Statistical Office conducts the User Satisfaction Survey at the domain level. This Survey is conducted every three years and the last one was in 2015. http://www.stat.gov.mk/Dokumenti/izvestaj/IzvestajAnketaZadovNaKorisnici2015_en.pdf	
12.3	Completeness
13	Accuracy and reliability
13.1	Overall accuracy
Data accuracy is ensured by working on decreasing sampling and/or non-sampling errors, as well as with additional data comparisons and analysis before dissemination.	
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. 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.	

14.2	Punctuality
Data are disseminated within the established deadlines in accordance with the 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 1956 there is no break in the time series. The number of reference periods in the time series is -65.	
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.	
16	Cost and burden
17	Data revision
17.1	Data revision - policy
In accordance with the Statistical Data Revision Policy	
http://www.stat.gov.mk/ZaNas.aspx?id=25	
17.2	Data revision - practice
No data is audited.	
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 - fulfilling 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