

Statistical survey on taxi transport

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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
Head of department	
1.5	Contact mail address
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+389 3 111 336	
2	Metadata update
2.1	Metadata last certified
30/10/2022	
2.2	Metadata last posted
30/10/2022	
2.3	Metadata last update
30/10/2022	
3	Statistical presentation
3.1	Data description
Data on: number of passenger vehicles; number of passengers carried in urban, sub-urban and inter-city transport; number of kilometres travelled in urban, sub-urban and inter-city transport; consumed fuel in tonnes.	
3.2	Classification system
National Classification of Activities NKD Rev.2 (by NACE Rev.2).	
3.3	Sector coverage
.Section -H Transportation and storage, class-49.32 - Taxi operation, according to NKD (NACE) Rev. 2.	
3.4	Statistical concepts and definitions
Passenger vehicles are road motor vehicles, designed exclusively or primarily to carry one or more persons. Passenger is any person who enters a passenger vehicle for the purpose of being transported to a destination. Vehicle-kilometre is a unit of measurement representing the movement of a road motor vehicle over one kilometre. It includes movements of empty road motor vehicles (without passengers).	
3.5	Statistical unit
Business entities (enterprises, taxi companies, sole proprietors), classified in Section H Transportation and storage, class 49.32 - Taxi operation, according to NKD Rev. 2.	
3.6	Statistical population

Business entities (enterprises, taxi companies, sole proprietors), classified in Section H Transportation and storage, class 49.32 - Taxi operation, according to NKD Rev. 2.	
3.7	Reference area
NTES 3 (Statistical regions) NTES 1 and 2 (Republic of North Macedonia)	
3.8	Time coverage
Since 1998	
3.9	Base period
Not applicable.	
4	Unit of measure
Number, km in thousand, tonnes	
5	Reference period
Year (calendar year from 01.01. to 31.12.)	
6	Institutional mandate
6.1	Legal acts and other agreements
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 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 .	
6.2	Data sharing
All individual or personal data, in each phase of statistical processing, are treated as confidential data and may be used only for statistical purposes. When releasing data from this survey at an aggregated level, there is no need for additional data treatment for the purpose of ensuring confidentiality	
7	Confidentiality
7.1	Confidentiality - policy
Individual data are protected by the Law on State Statistics http://www.stat.gov.mk/ZakonZaStatistika.aspx . The Policy on Statistical Confidentiality https://www.stat.gov.mk/pdf/PolitikaZaDoverlivost.pdf contains the basic principles used in the SSO.	
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
News release: ""Taxi transport of passengers"". http://www.stat.gov.mk/PrikaziSoopstenie.aspx?rbrtxt=74	

10.2	Publications
Not applicable	
10.3	On-line database
MAKStat - database. http://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef Number of views on data tables- 47.	
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
Statistical Yearbook, http://www.stat.gov.mk/PublikaciiPoOblast.aspx?id=34&rbrObl=37	
10.6	Documentation on methodology
Methodological explanations http://www.stat.gov.mk/MetodoskiObjasSoop.aspx?id=74&rbrObl=24	
10.7	Quality documentation
A quality report is not prepared in accordance with national practice, and no European practice has been established.	
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-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.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 on taxi transport are used by the Government, local self-government as well as the business community for creating their business policies.	
12.2	User satisfaction
Starting in 2009, the State Statistical Office conducts a Customer Satisfaction Survey every three years.	
12.3	Completeness
There are no European methodological standards for this area.	
13	Accuracy and reliability
13.1	Overall accuracy
The research methodology and the way of data collection provide solid coverage and accuracy of the data	
13.2	Sampling error
The survey is not conducted as a sample survey and therefore no sample errors are calculated.	

13.3	Non-sampling error
Measurement errors: Data providers are informed about the Survey via information letters. Collected data are checked in the SSO. Processing errors: Rules for control and processing of output data are implemented in the processing application. Imputation of data is performed using expert estimations. Errors in non-response: The non-response rate is 20.1%.	
14	Timeliness and punctuality
14.1	Timeliness
T+150 days	
14.2	Punctuality
All data are published in accordance with the deadlines in the Release Calendar	
15	Coherence and comparability
15.1	Comparability - geographical
The data are produced at national level. Comparability is ensured at international level.	
15.2	Comparability - over time
Time series from 1998 and there is no interruption of the time series. The number of reference periods in the time series since the last interruption is 23.	
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
The average time of fill in the questionnaire is 10 minutes.	
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 based on sample. During the sample design, the method of full-scale survey with cut-off threshold was applied. The sample for ""Annual report on taxi transport"" (STG.11) covers 80% of the total number of registered business entities classified in the Section H – Transportation and storage, class 49.32-Taxi operations, according to NKD Rev. 2. Updating of the sample is performed annually. The sample for 2020 covered 241 business entities."	
18.2	Frequency of data collection
Annual	
18.3	Data collection
"Data on taxi transport are collected by the statistical survey ""Annual report on taxi transport"" (STG.11). Business entities fill in data in the statistical questionnaire and send it by mail to the SSO, at latest 130 days from the end of the reference period."	
18.4	Data validation
Data checking is performed in accordance with defined control criteria. Data checking is made before and after data entry. Final data are checked before 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. Imputation: Expert imputation is performed. Output results are tabulated according to predefined tables with criteria for tabulation. Output tables are checked by comparison and analysis of data prior to dissemination.	
18.6	Adjustment
No data is leveled.	

19	Comment
A.1	Annexes