

Statistical survey on freight transport

T_TRANS.P.2_Q_EN_2021_4

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	
1.3	Contact name
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1.4	Contact person function
Associate	
1.5	Contact mail address
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1.8	Contact fax number
00389 2 3111 336	
2	Metadata update
2.1	Metadata last certified
20/10/2022	
2.2	Metadata last posted
20/10/2022	
2.3	Metadata last update

20/10/2022

3	Statistical presentation
3.1	Data description
<ul style="list-style-type: none"> - carried goods in freight road transport for own needs and for other persons - calculated tonne kilometres in freight road transport for own needs and for other persons. 	
3.2	Classification system
<ul style="list-style-type: none"> - National classification of activities NKD Rev.2. - Transport classification of goods. - TKS. List of countries. 	
3.3	Sector coverage
<p>Scope of Section:</p> <p>H – Transportation and Storage, 49.41 - Freight transport by road, in accordance with NKD Rev.2.</p>	
3.4	Statistical concepts and definitions
<p>Road vehicle - a vehicle running on wheels and intended for use on roads. National road vehicle - a road vehicle registered in the reporting country and bearing registration plates of that country. Foreign road vehicle - a road vehicle registered in a country other than the reporting country and bearing registration plates of that foreign country.</p> <p>Goods road vehicle - road vehicle designed exclusively or primarily to carry goods. This category of vehicles includes: lorries, lorries with trailers, road tractors with semi-trailers and with or without trailers. Transport of goods in road transport - main indicators are tonnes and tonne-kilometres. Tonne of goods - main unit of measurement for weight of goods. Tonne-kilometre - unit of measurement which represents the transport of one tonne of goods over a distance of one kilometre.</p>	
3.5	Statistical unit
<p>Every business entity (enterprise, sole proprietor), that belongs to Section H – Transportation and Storage, Class 49.41 - Freight transport by road, in accordance with NKD Rev.2.</p>	
3.6	Statistical population
<p>Every business entity (enterprise, sole proprietor), that belongs to Section H – Transportation and Storage, Class 49.41 - Freight transport by road, in accordance with NKD Rev.2.</p>	
3.7	Reference area
<p>NUTC 1 and 2 (Republic of North Macedonia)</p>	

3.8	Time coverage
Since 2001.	
3.9	Base period
2020=100	
4	Unit of measure
Number, tonnes, km, index.	
5	Reference period
Quarter.	
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 transmitted since 2008 via Edamis to Eurostat, and by Common Questionnaire data collection WEBQO and Short - term questionnaire to OECD и ITF.	
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

Quarterly.

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

Data in this statistical survey are available on MAKSTAT database.

Statistical Yearbook (link: https://www.stat.gov.mk/PrikaziPublikacija_1_en.aspx?rbr=845)

Last published Publication: Transport and other services, 2015.

http://www.stat.gov.mk/PrikaziPoslednaPublikacija_en.aspx?id=15

Quarterly release: Transport of passengers and goods.

http://www.stat.gov.mk/PrikaziSoopstenie_en.aspx?rbrtxt=72

10.3 On-line database

MAKStat database - Transport

http://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Transport_PatenTransport/225_Trans_mk_TovTrom_EN.px/?rxid=51ace857-70a7-4d75-ad20-c655021f01de

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.gov.mk/ZaNas_en.aspx?id=22).

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 SSO web site, national

<http://www.stat.gov.mk/MetodoloskiObjasSoop.aspx?id=72&rbrObl=24>

Road freight transport methodology, Eurostat, 2016

<https://ec.europa.eu/eurostat/en/web/products-manuals-and-guidelines/-/ks-gg-16-005>

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
<p>The Data is used from different governmental institutions with the aim of observing the economic situation in the countries and as an indicator represents the initial basis for implementation of different economic analyses, creating strategic plans for initiating future activities and decision making in realising economic policies.</p>	
12.2	User satisfaction
<p>Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.</p>	
12.3	Completeness
<p>In relation with indicators that are foreseen in accordance with Regulation No.70/2012 on European Parliament and Council (EC), SSO provides 100% of them.</p>	
13	Accuracy and reliability
13.1	Overall accuracy
<p>The survey methodology and the data collection method ensure good coverage and accuracy of the data.</p>	
13.2	Sampling error

Coefficient of variation for main variables:

Weight of the good = 2.48

Tonnes kilometres = 3.81

Coefficient of variation for main variables by quarters:

I-quartal

Weight of the good = 4.99

Tonnes kilometres = 8.23

II-quartal

Weight of the good = 5.66

Tonnes kilometres = 7.26

III-quartal

Weight of the good = 5.42

Tonnes kilometres = 8.22

IV-quartal

Weight of the good = 6.00

Tonnes kilometres = 8.87

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 finishing 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 (manual imputations). The response rate is 59.3%.

14 Timeliness and punctuality

14.1 Timeliness

Definitive data are published 60 days after the end of the reference quartal (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
Data are produced on national level. Comparability is provided on international level.	
15.2	Comparability - over time
Time series from the first quarter 2001 with no break in the time series. Number of reference periods in the time series from the last break - 84.	
15.3	Coherence - cross domain
Not applicable. Statistical survey is not related with other surveys.	
15.4	Coherence - internal
Internal coherence of data is ensured.	
16	Cost and burden
It is not calculated.	
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, there is no revision in this survey.	
18	Statistical processing
18.1	Source data
This statistical survey is sample survey. The sample size is 5000 selected reporting units (enterprises and natural persons), stratified, 70% enterprises, 30% natural persons. Sample frame of this survey are data from Register of motor vehicles with carriage from 3500 kg and over 3500 kg. Update of the sample is performed yearly.	
18.2	Frequency of data collection
Quarterly.	
18.3	Data collection

Data from the survey are collected on the basis of sample with a method of self - fulfilling of statistical survey "Report on freight transport" (TRANS.P.2). Enterprises are filling in data in statistical questionnaires and delivery it by the mail to SSO at latest 5 days after becoming available into reporting units."

18.4 Data validation

Data control is committed in accordance with defined control criteria. Data control is made before and after data entry. Control is performed on the final data before its publishing.

18.5 Data compilation

Editing: Received data from business entities, after cheaking and eventual correction in consultations with reporting units, are entered in database, over aplication with built-in online controls. Imputations: The expert imputation is performed. Weight: Weighting is committed with use of Horvitz-Thompson estimators,i.e., weight is equal on inversion of probability of choise of elected element. Then a weight is myltiplied with coefficient of adjustment for non response. Final weight is received by myltiplying of that weight with coefficient of correction.

18.6 Adjustment

No data adjustment is made.

19 Comment

A.1 Annexes