

Reference Metadata in ESMS 2.0 structure

## Statistical survey on oil pipelines

T\_TRANS.M.21\_A\_EN\_2024\_1

### Reference Metadata in ESMS 2.0 structure

<b>1</b>	<b>Contact</b>
<b>1.1</b>	<b>Contact organisation</b>
State Statistical Office	
<b>1.2</b>	<b>Contact organisation unit</b>
Department for environmental statistics, energy and transport	
<b>1.3</b>	<b>Contact name</b>
Branko Hinic	
<b>1.4</b>	<b>Contact person function</b>
Head of department	
<b>1.5</b>	<b>Contact mail address</b>
Dame Gruev 4, 1000 Skopje, Republic of North Macedonia	
<b>1.6</b>	<b>Contact email address</b>
branko.hinic@stat.gov.mk	
<b>1.7</b>	<b>Contact phone number</b>
00389 2 3295-753	
<b>1.8</b>	<b>Contact fax number</b>
00389 2 3111 336	
<b>2</b>	<b>Metadata update</b>
<b>2.1</b>	<b>Metadata last certified</b>
22/05/2025	
<b>2.2</b>	<b>Metadata last posted</b>
22/05/2025	
<b>2.3</b>	<b>Metadata last update</b>
22/05/2025	

<b>3</b>	<b>Statistical presentation</b>
<b>3.1</b>	<b>Data description</b>
Lenght of oil pipes, goods transported by oil pipeline, tonne-kilometre.	
<b>3.2</b>	<b>Classification system</b>
National clasiffication of activities NKD Rev.2.	
<b>3.3</b>	<b>Sector coverage</b>
Section-H Transportation and storage, class-45.50 - Transport via pipeline, according to NACE Rev.2.0	
<b>3.4</b>	<b>Statistical concepts and definitions</b>
<b>Lenght on oil pipeline</b> - all pipelines in a given area. <b>Goods transported by oil pipeline</b> - any crude or refined liquid petroleum products moved by oil pipelines. <b>Tonne-kilometre by oil pipeline</b> - unit of measurement of transport which represents transport of one tonne of goods by oil pipeline over one kilometre.	
<b>3.5</b>	<b>Statistical unit</b>
Business entities	
<b>3.6</b>	<b>Statistical population</b>
Business entities (enterprises), classified in the Section-H Transportation and storage, class-52.21 - Service activities incidental to land transportation, according to NKD Rev. 2.	
<b>3.7</b>	<b>Reference area</b>
Republic of North Macedonia	
<b>3.8</b>	<b>Time coverage</b>
Since 2008 onwards.	
<b>3.9</b>	<b>Base period</b>
not relevant.	
<b>4</b>	<b>Unit of measure</b>
Km. tonnes,tonne-kilometre	
<b>5</b>	<b>Reference period</b>
Year.	
<b>6</b>	<b>Institutional mandate</b>
<b>6.1</b>	<b>Legal acts and other agreements</b>
<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) ( <a href="https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/">https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/</a> )</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/> )

EUROPEAN LEGISLATION: Regulation (EC) No 437/2003 of the European Parliament.

<b>6.2</b>	<b>Data sharing</b>
not applicable.	
<b>7</b>	<b>Confidentiality</b>
<b>7.1</b>	<b>Confidentiality - policy</b>
<p>1. The protection of individual data is regulated by the Law on State Statistics ( <a href="https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/">https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/</a> ).</p> <p>2. The basic principles and activities undertaken to ensure data confidentiality are described in the Policy on Statistical Confidentiality ( <a href="https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/">https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/</a> ).</p>	
<b>7.2</b>	<b>Confidentiality - data treatment</b>
<p>Pursuant to Article 38 of the Law on State Statistics ( <a href="https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/">https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/</a> ) and the Policy on Statistical Confidentiality ( <a href="https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/">https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/</a> ), individual data are not published.</p>	
<b>8</b>	<b>Release policy</b>
<b>8.1</b>	<b>Release calendar</b>
<p>The date of data publication is determined in the Advance Release Calendar, which is updated quarterly.</p>	
<b>8.2</b>	<b>Release calendar access</b>
<p><a href="https://www.stat.mk/en/publishing-calendar/#/">https://www.stat.mk/en/publishing-calendar/#/</a></p>	
<b>8.3</b>	<b>User access</b>
<p>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.</p>	

<b>9</b>	<b>Frequency of dissemination</b>
Annual.	
<b>10</b>	<b>Accessibility and clarity</b>
<b>10.1</b>	<b>News release</b>
Not applicable	
<b>10.2</b>	<b>Publications</b>
not applicable.	
<b>10.3</b>	<b>On-line database</b>
not applicable.	
<b>10.4</b>	<b>Micro-data access</b>
<p>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" ( <a href="https://www.stat.mk/en/about-us/procedures/rules-for-access-to-anonymised-microdata-for-research-purposes/">https://www.stat.mk/en/about-us/procedures/rules-for-access-to-anonymised-microdata-for-research-purposes/</a> ).</p>	
<b>10.5</b>	<b>Other</b>
Data are available upon the request of users.	
<b>10.6</b>	<b>Documentation on methodology</b>
<p>"Methodological explanations are published on the web-page of SSO.  <a href="http://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=72&amp;rbrObl=24">http://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=72&amp;rbrObl=24</a></p> <p>Methodological explanations which are part of publications ""Transport and other services, 2015"". <a href="http://www.stat.gov.mk/Publikacii/8.4.16.02.pdf">http://www.stat.gov.mk/Publikacii/8.4.16.02.pdf</a>"</p>	
<b>10.7</b>	<b>Quality documentation</b>
A Quality Report is prepared after the final processing and dissemination of the data. The report is prepared in accordance with the internal manuals and is only for internal usage.	
<b>11</b>	<b>Quality management</b>
<b>11.1</b>	<b>Quality assurance</b>
<p>The quality of the processes and products in the State Statistical Office is ensured by adhering to the European Statistics Code of Practice ( <a href="https://www.stat.mk/en/about-us/quality/code-of-practice/">https://www.stat.mk/en/about-us/quality/code-of-practice/</a> ) and the Quality Assurance Framework within the European Statistical System (ESS Quality Assurance Framework – <a href="https://ec.europa.eu/eurostat/documents/64157/4392716/ESS-QAF-V2.0-final.pdf">https://ec.europa.eu/eurostat/documents/64157/4392716/ESS-QAF-V2.0-final.pdf</a> ). The quality criteria are also determined in the Law on State Statistics in Article 4b and Article 4c ( <a href="https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/">https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/</a> ).</p>	

<b>11.2</b>	<b>Quality assessment</b>
<p>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.</p>	
<b>12</b>	<b>Relevance</b>
<b>12.1</b>	<b>User needs</b>
<p>Data for oil pipeline transport are used by the Government, local self government as well as the business community. Business entities and other users use data for oil pipelines transport as indicators for creation of their business policies.</p> <p>External users use data for monitoring and analyzing the situations and movements in the area of the infrastructure and transport in the country;</p>	
<b>12.2</b>	<b>User satisfaction</b>
<p>Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.</p>	
<b>12.3</b>	<b>Completeness</b>
<p>In relation with indicators that are foreseen in accordance with Common Questionnaire data collection WEBQO, SSO provides around 80% of them.</p>	
<b>13</b>	<b>Accuracy and reliability</b>
<b>13.1</b>	<b>Overall accuracy</b>
<p>The survey methodology and the data collection method ensure good coverage and accuracy of the data.</p>	
<b>13.2</b>	<b>Sampling error</b>
<p>Not applicable</p>	
<b>13.3</b>	<b>Non-sampling error</b>
<p>Coverage errors: Coverage of 100% is ensured. Data providers are timely reminded for fulfillment of their obligation. Processing errors: Data entry was made in data entry application, manually. During data entry automatic controls are applied, e.g: data entry control, as well as additional control after the completion of data entry. In case of bigger shortcomings in questionnaires, data providers were contacted. Errors in non-response, non-response rate is 0%.</p>	
<b>14</b>	<b>Timeliness and punctuality</b>

<b>14.1</b>	<b>Timeliness</b>
T+150 days.	
<b>14.2</b>	<b>Punctuality</b>
The data are published on the day announced in the Advance Release Calendar.	
<b>15</b>	<b>Coherence and comparability</b>
<b>15.1</b>	<b>Comparability - geographical</b>
The data are produced at national level. Comparability is achieved on international level.	
<b>15.2</b>	<b>Comparability - over time</b>
Since 2008 there is no break in the time series. The number of reference periods in the time series is -16.	
<b>15.3</b>	<b>Coherence - cross domain</b>
Inter-domain coherence of data is ensured.	
<b>15.4</b>	<b>Coherence - internal</b>
Internal coherence of data is ensured.	
<b>16</b>	<b>Cost and burden</b>
not calculated.	
<b>17</b>	<b>Data revision</b>
<b>17.1</b>	<b>Data revision - policy</b>
Data revision is made in accordance with the Statistical Data Revision Policy of the SSO: ( <a href="https://www.stat.mk/en/about-us/policies-and-strategies/data-revision/">https://www.stat.mk/en/about-us/policies-and-strategies/data-revision/</a> ).	
<b>17.2</b>	<b>Data revision - practice</b>
The data revision is not conducted.	
<b>18</b>	<b>Statistical processing</b>
<b>18.1</b>	<b>Source data</b>
"This statistical survey is with total coverage. Data on oil pipeline transport are collected by the statistical survey ""Annual report on oil pipeline transport"" (NFG11) classified in the Section H – Transportation and Storage, class-49.50- Transport via pipeline transport, according to NACE Rev. 2. Updating of the sample is performed annually."	
<b>18.2</b>	<b>Frequency of data collection</b>
Annually.	

<b>18.3</b>	<b>Data collection</b>
<p>"Data on oil pipeline transport are collected by the statistical survey "" Annual report on oil pipeline transport "" by the method of self-fullfiling in the statistical questionnaire (NFG11). Business entities fill in data in statistical questionnaire and send it by post to the SSO, no later than 90 days from the end of reference period."</p>	
<b>18.4</b>	<b>Data validation</b>
<p>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.</p>	
<b>18.5</b>	<b>Data compilation</b>
<p>Editing: The data received from businesses entities, after verification and correction in consultation with the reporting units, are entered in an electronic media with integrated on-line controls. Calculation: Output results are defined in the application.</p>	
<b>18.6</b>	<b>Adjustment</b>
<p>Data adjustment is not done.</p>	
<b>19</b>	<b>Comment</b>
<p>No comment.</p>	
<b>A.1</b>	<b>Annexes</b>