

# MARITIME TRANSPORT STATISTICS

Reference Metadata in Euro SDMX Metadata Structure

(ESMS)

INSTAT

## Reference Metadata

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<b>1. Contact</b>	
1.1. Contact organisation	Institute of Statistics, INSTAT
1.2. Contact organisation unit	Sector of Statistics for Research, Development, Innovation, Information Technology, and Transport, Directory of Economic Statistics
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1.4. Contact person function	Specialist, Sector of Statistics for Research, Development, Innovation, Information Technology, and Transport.
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<b>2. Metadata update</b>	
2.1. Metadata last certified	29.10.2024
2.2. Metadata last posted	29.10.2024
2.3. Metadata last update	29.10.2024
<b>3. Statistical presentation</b>	
3.1. Data description	<p>Maritime Transport Statistics include information on freight flows and the number of passengers by sea mode of transport. The transport statistics include information about:</p> <ul style="list-style-type: none"> <li>• Number of passengers;</li> <li>• Volume of freights;</li> <li>• Volume of goods according to <a href="#">NST 2007</a> classification;</li> <li>• Volume of Exports/Imports of freights by sea transport.</li> </ul>
3.2. Classification system	<p>Standard Goods Classification for transport statistics abbreviated as NST (2007) is a statistical nomenclature for the goods transported by four <a href="#">modes of transport</a>: road, rail, inland waterways and sea (maritime).</p> <p>As NST 2007 considers the economic activity from which the goods originate, each</p>

	<p>of its items is strongly connected to an item of EU product and activity classifications, and <a href="#">Statistical Classification of Economic Activities (NACE Rev.2)</a>, which themselves are consistent with their counterparts at <a href="#">UN</a> level, CPC and <a href="#">ISIC</a>.</p> <p>This classification can be found in the link below:  <a href="#">Standard Goods, Nomenclature for Transport Statistics, NST 2007.</a></p>
3.3. Coverage - sector	The statistical information covers data on sea (maritime) Transport Statistics in the territory of the Republic of Albania.
3.4. Statistical concepts and definitions	<p><b><u>Maritime transport</u></b></p> <p>Any movement of goods and / or passengers using merchant ships on voyages, undertaken wholly or partially at sea.</p> <p><b>Statistical Port</b> - A statistical port consists of one or more ports, normally controlled by a single port authority, able to record ship and cargo movements.</p> <p><b>Port of cargo</b> - A port where goods are loaded onto a ship and transported.</p> <p><b>Unloading Port</b> - A port where goods are unloaded from a ship after being shipped.</p> <p><b>International Maritime Transport</b> - It is called maritime transport between two ports located in two different countries.</p> <p><b>Sea passengers</b> - Any person taking a sea voyage on a merchant ship.</p> <p><b>Embarked Passengers</b> - Passengers who are aboard and transported by ship.</p> <p><b>Disembarked Passengers</b> - Passengers disembarked after being carried aboard.</p> <p><b>Passenger/Kilometer</b> - The unit of measurement that represents the movement of a passenger on a merchant vessel over one kilometer.</p> <p><b>TEU</b> - ISO container based statistical unit with a height of 6.1 m (20 feet) to provide a standardized mass of containers of different capacities and to describe the container capacities on the ship. 6.1m (20 feet) = 1 TEU.</p> <p><b>Exports/Imports of goods</b></p> <p><b>Exports</b> - Goods destined to a third country, placed under customs export or outward processing arrangements or re-exported following inward processing.</p> <p><b>Imports</b> - Goods arrived from a third country and are directly placed, or are left in warehouse, under customs procedure of release for free circulation, inward processing or processing under customs control.</p>
3.5. Statistical unit	<p>The defined statistical units by types of transport are:</p> <ul style="list-style-type: none"> <li>• Ports for Maritime Transport;</li> <li>• Exporting / importing enterprises which undertake transport activity by maritime.</li> </ul>
3.6. Statistical population	The statistical population includes the number of passengers (Albanian and foreign) as well as the volume of goods.

3.7. Reference area	Maritime Transport Statistics data cover the entire territory of the country.
3.8. Coverage - Time	Time coverage of Maritime Transport Statistics is since 1993.
3.9. Base period	Not applicable.
<b>4. Unit of measure</b>	Data on Maritime Transport Statistics are published only in absolute values and percentages. The unit of measurement for passengers is the number of passengers entering and leaving, while for goods it is tons for loading/unloading of goods from ships and ferries.
<b>5. Reference period</b>	The reference period of Maritime Transport Statistics is quarterly. The reference year for this report is 2024.
<b>6. Institutional mandate</b>	
6.1. Institutional Mandate - Legal acts and other agreements	<p>Legal basis for the production of Transport Statistics in country level are:</p> <ul style="list-style-type: none"> <li>• <a href="#">Law No.17/2018 “On official statistics”</a>;</li> <li>• <a href="#">Official Statistics National Program 2022 - 2026</a>;</li> <li>• Decisions of the Statistics Council.</li> </ul> <p>According to European Regulation:</p> <ul style="list-style-type: none"> <li>• <a href="#">Directive 2009/42/EC</a> of the European Parliament and of the Council of 6 May 2009 on statistical returns in respect of carriage of goods and passengers by sea (recast)</li> <li>• <a href="#">Regulation (EU) 2018/974</a> of the European Parliament and of the Council of 4 July 2018 on statistics of goods transport by inland waterways.</li> </ul>
6.2. Institutional Mandate - Data sharing	Maritime Transport Statistics are not transmitted yet to EUROSTAT. Currently, INSTAT fills in a number of questionnaires of International Organizations regarding Transport Statistics indicators such as: United Nations Economic Commission for Europe (UNECE), International Road Federation (IRF), etc.
<b>7. Confidentiality</b>	
7.1. Confidentiality - policy	The data collected are considered as strictly confidential and used only for statistical purposes and scientific research in accordance with the national Statistical Law No.17/2018 “On official statistics”, date 10.03.2018 and the Law No. 9887, dated 10.03.2008 "Personal Data Protection", Article 31 of the Law No.17/2018 “On official statistics” clearly define that all statistical information collected by INSTAT are confidential and may only be used or published in such summary tables that do not identify the information of the unit. The direct identification is called when a statistical unit is directly identified by the name, address or any officially recognized identification number. When data processing is performed in such a way as to enable the data subject to be identified, the data must be coded immediately so that the entities are no longer recognized.

7.2. Confidentiality - data treatment	<p>Albanian Institute of Statistics protects and does not disseminate data it has obtained or it has access to, which enable the direct or indirect identification of the statistical units. Albania Institute of Statistics takes all appropriate preventive measures so as to render impossible the identification of individual statistical units by technical or other means that might reasonably be used by a third party. Statistical data that could potentially enable the identification of the statistical unit are disseminated by Albania Institute of Statistics if and only if:</p> <p>a) These data have been treated, as it is specifically set out in the Regulation, in such a way that their dissemination does not prejudice statistical confidentiality; or</p> <p>b) The statistical unit has given its consent, without any reservations, for the disclosure of data.</p> <p>The confidential data that are transmitted to Albania Institute of Statistics are used exclusively for statistical purposes and the only persons who have the right to have access to these data are the personnel engaged in this task. Issues referring to the observance of statistical confidentiality are examined by the staff working in Albania Institute of Statistics. The responsibilities of this staff are to recommend on: which detailed level the statistical data can be disseminated, so as the identification, either directly or indirectly, of the surveyed statistical unit is not possible; the anonymization criteria for the microdata provided to users; the access granting to researchers on confidential data for scientific purposes.</p>
<b>8. Release policy</b>	
8.1. Release calendar	<p>Notifications about the dissemination of statistics are published in the release calendar, which is available on the website. The announcements and delays are pre-announced in this calendar. In case of delays, the date of future publication must be specified, as well as the reasons for the delay.</p>
8.2. Release calendar access	<p><a href="#">The Calendar</a> of publications is available on INSTAT website.</p>
8.3. Release policy - user access	<p>In line with Article 34 of Law No.17/2018 "On official statistics", INSTAT disseminates statistics on INSTAT website and other media for simultaneous access, respecting professional independence and in an objective, professional and transparent manner in which all users are treated equitably. The following dissemination channels are used to release the results:</p> <ol style="list-style-type: none"> <li>1. <a href="#">Website</a> - online release;</li> <li>2. Written requests;</li> <li>3. Publication "<a href="#">Transport Statistics</a>";</li> <li>4. <a href="#">Data request</a>, section available for external users.</li> </ol>
<b>9. Frequency of dissemination</b>	<p>Maritime Transport Statistics refer to quarterly and yearly data.</p>
<b>10. Accessibility and clarity</b>	
10.1. Dissemination format - News release	<p>The press release contains information about the main transport statistics indicators:</p> <ul style="list-style-type: none"> <li>• The volume of freight loading/unloading in ports;</li> </ul>

	<ul style="list-style-type: none"> <li>• The number of passengers traveling sea;</li> <li>• Volume of freight according to NST 2007 classification;</li> <li>• Export/import volume of freight transported by sea.</li> </ul> <p>Press release regarding transport statistics is published online on the INSTAT website.</p>
10.2. Dissemination format - Publications	<p>Transport Statistics are published in "Transport Statistics" and "Albania in Figures" publications. Users can find the results on INSTAT website:</p> <ul style="list-style-type: none"> <li>• <a href="#">Transport Statistics;</a></li> <li>• <a href="#">Albania in Figures.</a></li> </ul>
10.3. Dissemination format - On-line database	<p>Data on Transport Statistics are published in the official website of INSTAT, under the section: <a href="#">Statistical database.</a></p>
10.4. Dissemination format - microdata access	<p>Data are not available at micro level as a result of confidentiality. Aggregated data is the only type of data provided to external users. This data are given to the users in the case these data are not confidential based on Article 31, Law No.17/2018 "On official statistics".</p>
10.5. Dissemination format - Other	<p>Users can submit specific data requests through INSTAT website in a dedicated section for <a href="#">Contact.</a></p>
10.6. Documentation on methodology	<p>The methodology is based on EUROSTAT Manuals and Regulations on Transport Statistics, which contain a wide set of recommendations on completing indicators of different types of transport. On INSTAT webpage, there is a section on the <a href="#">Methodology</a> regarding this activity.</p>
10.7. Quality management - documentation	<p>The Sector of Statistics for Research, Development, Innovation, Information Technology, and Transport document the entire work process and procedures on Transport Statistics for internal purposes.</p>
<b>11. Quality management</b>	
11.1. Quality assurance	<p>INSTAT is committed to quality assurance in the production of official statistics. Based on Law No.17/2018 "On official statistics", INSTAT uses statistical methods and processes in accordance with internationally accepted scientific principles and standards, as well as conducts continuous analysis in order to improve the quality and provision of statistics. In carrying out its duties, INSTAT follows the general principles of quality management, in accordance with the <a href="#">European Statistics Code of Practice</a> of statistical processes and products, user orientation, employee orientation, effectiveness of statistical processes and reduction of interviewee workload.</p>
11.2. Quality management - assessment	<p>The Transport data are compared to the Transport data a year before to see if there was any data coherence or significant changes.</p>

<b>12. Relevance</b>							
12.1. Relevance - User Needs	<p>Users on transport data are as follow:</p> <ul style="list-style-type: none"> <li>• Public Administration Institutions;</li> <li>• Universities;</li> <li>• Non-profit national and international organizations;</li> <li>• Businesses;</li> <li>• Researchers, students and other similar groups.</li> </ul>						
12.2. Relevance - User satisfaction	<p>Page Views (Hits) about “Transport Statistics” for 2023 are 12.133 clicks.</p> <p>During 2023, INSTAT conducted User Satisfaction Survey from INSTAT publications. The survey results show that the overall quality of “Transport Statistics” is rated 3,97 (79.42 %) on a scale of 1 (very poor) to 5 (very good). INSTAT organizes every year <a href="#">User Satisfaction Survey</a>.</p>						
12.3. Completeness	<p>The completeness of the Maritime Transport data for 2024 is judged by comparing the quality and quantity of indicators covered by INSTAT and those required from the Regulations followed.</p> <p>The data completeness rate for Maritime Transport Statistics is approximately 40%.</p>						
<b>13. Accuracy</b>							
13.1. Accuracy - overall	<p>Data on sea transport are collected through administrative sources in compliance with the legal basis and Memorandums of Understanding. No surveys are conducted for Transport Statistics. In general, the data have been checked with previous years to identify any significant changes in the performance of the data.</p>						
13.2. Sampling error	Not applicable as data are administrative.						
13.3. Non - sampling error	<p>The non-sampling errors are mainly errors of the administrative data sources reported data. Data review occurs only if the relevant institutions review the data sent to INSTAT for the purpose of updating or any potential human error. If the relevant institutions review the data sent to INSTAT, these changes will be reflected in the nearest publication and brief explanatory information will be provided to users.</p>						
<b>14. Timeliness and punctuality</b>							
14.1. Timeliness	<p>The results of Maritime Transport Statistics are published on the INSTAT website 29 days after the end of the reference period (T + 29 days).</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>Reference period</td> <td>09/30/2024</td> </tr> <tr> <td>Date of publication</td> <td>10/29/2024</td> </tr> <tr> <td>Timeliness</td> <td>29</td> </tr> </tbody> </table>	Reference period	09/30/2024	Date of publication	10/29/2024	Timeliness	29
Reference period	09/30/2024						
Date of publication	10/29/2024						
Timeliness	29						

14.2. Punctuality	<p>Data on Maritime Transport Statistics are published based on the publication calendar. The publication of Transport Statistics has been punctual in 100% of the publications made over the years.</p> <table border="1"> <tr> <td>Reference period</td> <td>09/30/2024</td> </tr> <tr> <td>Date of announcement</td> <td>10/29/2024</td> </tr> <tr> <td>Date of publication</td> <td>10/29/2024</td> </tr> <tr> <td>Time lag</td> <td>0</td> </tr> </table>	Reference period	09/30/2024	Date of announcement	10/29/2024	Date of publication	10/29/2024	Time lag	0
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<b>15. Coherence and comparability</b>									
15.1. Comparability - geographical	The data that INSTAT produces are compiled in accordance with EUROSTAT methodology. Data on Maritime Transport Statistics are produced on country level.								
15.2. Comparability - over time	Statistical information of transport is collected quarterly from 1993-2016. From 2016-2022, the data are published monthly, providing a comparability of 7 years ( $CC2 = Jlast - Jfirst + 1 = 7$ ). The data has been published quarterly since 2023, ensuring a time comparability of 1 year ( $CC2 = Jlast - Jfirst + 1 = 1$ ).								
15.3. Coherence - cross domain	Not applicable.								
15.4. Coherence - internal	The internal consistency of the data is checked before being finalized. The relation between the variables and the coherence in the various series are also checked.								
<b>16. Cost and burden</b>	The staff involved in the preparation of transport statistics at the Sector of Statistics for Research, Development, Innovation, Information Technology, and Transport is: 1 employee at the headquarters of INSTAT.								
<b>17. Data revision</b>									
17.1. Data revision - policy	<p>Revision policy of the data is done in accordance with general revision policy and errors treatment policy published by INSTAT in the link below:</p> <ul style="list-style-type: none"> <li>• <a href="#">Revision policy;</a></li> <li>• <a href="#">The errors treatment policy;</a></li> </ul>								
17.2. Data revision - practise	<p>In the case when local authorities report changes to the data and send this information to INSTAT, this information will be updated and published in the next month's publication accompanied by an explanatory note to the user.</p> <p>No reviews of data on “Maritime Transport Statistics” for 2024 have been conducted, subject to this report.</p>								
<b>18. Statistical processing</b>									
18.1. Source data	The only source of Maritime Transport Statistics is administrative. Data are collected by the Ministry of Infrastructure and Energy and General Directorate of Customs.								



	Coverage is country level, data is administrative and statistical information is continuously available.
18.2. Frequency of data collection	Data on Maritime Transport Statistics are collected on a monthly basis.
18.3. Data collection	Maritime Transport data are administrative data. The statistical information of Transport statistics is collected by Ministry of Infrastructure and Energy, the General Directorate of Customs and is detailed according to the transport of goods and passengers as well as the export/import by sea, on a monthly and year frequency.
18.4. Data validation	Transport data is subjected to logical and mathematical checks. These checks are carried out for all indicators that INSTAT publishes, throughout the data processing phase.
18.5. Data compilation	Not applicable.
18.6. Adjustment	Not applicable.
<b>19. Comment</b>	
<b>Annex</b>	