

## Quality declaration Freight transportation tariff index

0.General Information on Statistical Products		
0.1	Title	Freight transportation tariff index
0.2	Subject Area	Producer prices
0.3	Responsible Authority, Office, Person, etc.	Ms. Mariam Yeritsyan Head Price Statistics and International Comparisons Division National Armstat 3 Government House, Republic Avenue, Yerevan, 0010, Republic of Armenia Phone: +374 11 564 566 E-mail: <a href="mailto:mara@armstat.am">mara@armstat.am</a> , <a href="mailto:info@armstat.am">info@armstat.am</a>
0.4	Purpose and History	<p>The purpose of the statistical observation of the dynamics of movement of freight transportation tariffs by lorries is to reveal the level of changes in the freight transportations according to the different indicators:</p> <p>Freight shipped, its quantity, size of delivery, speed of transportation, rolling stock type and etc.</p> <p>The observation of changes in the freight transportation tariffs is carried out through the periodical surveys of organization implementing main transport activity.</p> <p>Tariffs for freight transportation services for the road, railway, air and pipeline transport serve as a price information source for the calculation of freight transportation tariff.</p> <p>Transport services tariffs are the expenses on transportation charged to the consumers for freight transportation by the transport organization. The tariffs are defined by the parties' agreement at the moment of signing the contract on implementation of freight transportation services.</p>
0.5	Users and Application	The information on the freight transportation tariff index represents the assessment of the current price situation in the transport sphere, that is used by the structural subdivisions of Armstat for the additional calculations of revenues received from freight transportation, is used as one of deflators for the calculation of GDP at comparable prices, as well as is used by many state and private organizations and interested institutions to follow the economic developments and to make analysis.
0.6	Information Sources	<p>The main source of compilation of indicator is the information collected from the statistical reports of legal persons and individual entrepreneurs on the monthly basis.</p> <p>The registration of tariffs of freight transportation in transport organizations is done on the 25<sup>th</sup> day of the reference month</p>

through the completing the statistical reporting forms.

### *1. Railway transport*

The information on the tariffs of freight transportation by railway transport is provided to the Price Statistics and International Comparisons Division of Armstat through the statistical report Form No 1-Tariff (railway) (annual).

The freight transportation by railway transport is implemented in 3 destinations:

freight delivery out of the republic,  
freight import to the republic,  
inter republican freight transportation.

### *2. Road transport*

The information on the tariffs of freight transportation by road transport is provided through the statistical report Form No 1-Tariff (road)(monthly). The freight transportation by road transport is implemented in the following destinations:

-intra urban,  
-intra marz,  
-inter marz,  
-intergovernmental (import),  
-interstate (export).

The activity of freight transport often depends on the change of demand of users. It makes difficult to receive periodical information on tariffs of representative services and it becomes necessary determine its conditional magnitude to ensure the continuity of dynamic series of freight transportation tariff index. Based on the learnt international experience and current practice the following methods are offered for additional calculation of the price(tariff) of temporally not available freight transport's service): the use of last (previous) registered tariff, -the application of calculation tariff that is received based on the adjustment, correction of the last registered tariff compared with another tariff of (similar) good or itinerary in the reference period, the replacement of previously selected good's type (itinerary) by another good (itinerary) with the similar consumer peculiarities and standards.

The application of any method with the replacement standards of absent actual tariff is carried out as a result of the detailed economic analysis of tariff movement.

		<p><i>3. Air transport</i></p> <p>The information on the tariffs of freight transportation by air transport is provided through the statistical report Form No 1 Tariff (civil aviation) (monthly).</p> <p>The reporting forms include the most representative (widespread directions, actual tariff for transport service representing the defined payments for freight transportation without VAT. The survey on the air transport is carried out by the main destinations of freight' flow: freight export and import to the non CIS and CIS countries.</p> <p><i>4. Pipeline transport</i></p> <p>The information on the tariffs of gas transportation by pipeline transport is provided through the statistical report Form No 1 Tariff (pipeline) (monthly).</p>
0.7	Legal Authority to Collect Data	The data are collected based on the Law on "Official Statistics" and "Five Year Statistical Program", as well as the Resolution No. 05-N of RA State Council on Statistics "On Approval of the Procedure for the collection of statistical data" dated 20 June 2016 and Resolution "On Approval of Annual Statistical Program".
0.8	Response Burden	The response burden is not measured.
Content		
1.1	Description of the Content	<p>The tariff index for freight transportation by different types of the transport is one of the indicators characterizing the sphere of activity of services of industrial nature.</p> <p>It is characterizing the changes of tariffs of transportation services by different types of the transport.</p> <p>The calculation in transport organizations registered in business register implementing freight transportation is done through the overall observation. The freight transportation tariff index is measured on the monthly basis.</p> <p>The aggregated index of the tariffs of freight transportation is measured by the aggregation of indexes of railway, road, air and pipeline transport.</p> <p>The freight transportation tariff index is measured by Laspeyres formula.</p> <p>Until 2011 the base period for indices and weights was December of the previous year. Since January 2011 the index of reference month is calculated compared to the previous year, as a base period. The freight transportation tariff index is measured by the following breakdowns:</p> <ul style="list-style-type: none"> <li>• the reference month as compared with the previous month,</li> </ul>

		<ul style="list-style-type: none"> <li>• the reference month as compared with the December of the previous year,</li> <li>• the reference month as compared with the corresponding month of the previous year.</li> <li>• as compared with the corresponding period of the previous year.</li> <li>• in increasing order as compared with the corresponding period of the previous year.</li> </ul>
1.2	Statistical Concepts	<p><i>Population</i></p> <p>The transport basic organizations that are operating in the territory of RA and as well as outside are selected for the calculation of freight transportation tariff index. The sampling of basic organizations is implemented by the Statistical Committee of the Republic of Armenia.</p> <p><i>Item coverage</i></p> <p>The organizations implementing economic activity in accordance with the division Transport and communication (part 1) of Armenian Classification of Types of Economic Activity (thereafter NACE rev.1) are selected for the survey.</p> <p>The divisions 61, 63, 64 of NACE rev.1 are not included in the calculation of freight transportation tariff index due to the lack of those services.</p> <p><i>Geographical coverage</i></p> <p>All marzes of the Republic of Armenia as well as Yerevan city are covered.</p> <p><i>Variables</i></p> <p>Tariff. The information on the tariff of freight transportation by all the types of the transport without VAT serves as base for filling the reports through the completing statistical report forms.</p> <p>Indices. Indicators reflecting net price changes over the time and space.</p> <p>Sources of weights. The revenues of freight transport organizations received from the transport activity in the previous year are used as a weight for the calculation of freight transportation tariff index. Each year the updating-recalculation of weights is implemented for the calculation of the freight transportation tariff index.</p> <p>For calculation of road, railway and air transport's indices the weights are calculated on the basis of the indicators of the following report forms: Form No. 1- Auto (monthly), For No.65- Iron (annual), Form No.2-Iron (monthly), and For No.65- Avia</p>

		<p>(annual). For calculation of pipeline transport' indices the weight is calculated on the basis of the indicators of the report Form No.1-prom (monthly).</p> <p><i>Statistical criterion</i></p> <p>The lowest level of indexes is calculated as the ratio of the average geometric values correlation of tariffs indexes ratio registered by organizations implementing freight transportation by the given transport type (price correlations).</p> <p><i>Groupings</i></p> <p>Freight transportation tariff indices are published by the separate types of the transport :</p> <ul style="list-style-type: none"> <li>- railway,</li> <li>- road,</li> <li>- air,</li> <li>- pipeline.</li> </ul>
<b>2.Time</b>		
2.1	Reference Period	25 <sup>th</sup> day of each month.
2.2	Date of Publication	Aggregated monthly data are published on the 35/36 <sup>th</sup> day following the reference period.
2.3	Punctuality	Statistical data are published without delay as a rule according to the previously defined schedule.
2.4	Frequency	Monthly
<b>3.Accuracy</b>		
3.1	Overall Accuracy	The survey is based on the observation of tariffs of transport basic organizations implementing freight transportation selected by sampling.
3.2	Sources of Inaccuracy	<p>The possible sources of inaccuracy are:</p> <ul style="list-style-type: none"> <li>• Qualitative change of freight transportation as a representative service,</li> <li>• Incorrect information on the price provided by the organization,</li> <li>• Data entry machinery errors.</li> </ul>
<b>4.Comparability</b>		
4.1	Comparability over Time	The time series are available since 1997. During the years the calculation's methodologies of the freight transportation tariff index and the applied classifications have been improved.
4.2	Comparability with other Statistics	Only one freight transportation tariff index is calculated in the Republic of Armenia, so it is not comparable with other type of price indexes.
4.3	Coherence between Provisional and Final	The published data are considered to be final. They can be recalculated only based on the adjustments made by the economic

	Statistics	entities.
5. Accessibility		
5.1	Forms of Dissemination	<p><b><i>Publications</i></b></p> <p>News edition</p> <p><i>Monthly and quarterly publications</i></p> <p>“Socio-Economic Situation in the Republic of Armenia” monthly, quarterly informative report (Armenian and Russian).</p> <p>Annual publications</p> <p>Statistical Yearbook of Armenia (Armenian, Russian, English)</p> <p>“Armenia in Figures” (Armenian and English)</p> <p>«Prices and Price indexes in RA» statistical handbook (Armenian, English)</p> <p><b>Website:</b></p> <p>Electronic publications are available in Armenian (full), English and Russian at <a href="http://www.armstat.am/am/?nid=82">http://www.armstat.am/am/?nid=82</a>, <a href="https://armstatbank.am/pxweb/hy/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6&amp;rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6">https://armstatbank.am/pxweb/hy/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6&amp;rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6</a>.</p>
5.2	Basic Material: Storage and Usability	The statistical reports received from the respondents are stored in paper forms and electronically.
5.3	Documentation	Methodological clarifications are available in the Statistical Yearbook of Armenia and in quarterly publications of monthly information reports of “Socio-economic situation of the Republic of Armenia”, in electronic version at Armstat website <a href="http://www.armstat.am/">http://www.armstat.am/</a> :
5.4	Other Information	Information is available under the General Statistical Business-Process Model at <a href="https://www.armstat.am/en/?nid=672">https://www.armstat.am/en/?nid=672</a> .
6. Supplementary Documentation		
		No supplementary documentation is available.