

## Quality declaration IMPORT AVERAGE PRICE (AVERAGE VALUE) INDICES

0.General Information on Statistical Products		
0.1	Title	Import average price index (average value)
0.2	Subject Area	Product prices
0.3	Responsible Authority, Office, Person, etc.	Ms. Mariam Yeritsyan Head Price Statistics and International Comparisons Division Armstat 3 Government House, Republic Avenue Yerevan, 0010, Armenia Phone: +374 11 564 566 E-mail: <a href="mailto:mariam.yeritsyan@armstat.am">mariam.yeritsyan@armstat.am</a> , <a href="mailto:info@armstat.am">info@armstat.am</a>
0.4	Purpose and History	During different calculation and analysis, the application of external trade prices index enables to determine the specific weight of import in GDP. In this regard, the statistics of foreign trade prices is important. The index method is applied to study import goods price level and dynamics. The foreign trade price or index of unit value is an important indicator in the sphere of external trade. The indicator has been calculated since 1997.
0.5	Users and Application	The main users of statistical information are the state government and local self-government bodies, public, scientific-educational, financial organizations, business society, mass media, Central Bank, international organizations, etc. The indicator of import products price index is applied in national accounts as a deflator, as well as for calculation of physical volume of foreign trade turnover (import) in constant prices.
0.6	Information Sources	Each month the Customs Service of RA State Revenue Committee provides the Armstat with information on volumes of RA foreign trade. Customs declarations of legal and physical persons are considered as source of data for calculation of export goods prices or export unit value indices.
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	Response burden is not measured.
Content		
1.1	Description of the Content	The import goods price index characterizes the change of import value at the expense of import goods price change, when the physical volume is constant, unchanged.

		<p>As for time series comparability, the import average price indices (in percent) are calculated according to the following basis:</p> <ul style="list-style-type: none"> <li>• Reference month compared with previous month,</li> <li>• Reference month compared with relevant month of the previous year,</li> <li>• Reference month compared with December of the previous year,</li> <li>• In ascending order (compared with the relevant period of the previous year),</li> <li>• Reference month compared with the base year.</li> </ul>
1.2	Statistical Concepts	<p>Population</p> <p>It is the information on import volumes (expressed in kind or value) forming the import part in the foreign trade of the Republic of Armenia.</p> <p>Geographical coverage It covers the entire economic territory of the Republic of Armenia, which is adjusted to its customs territory.</p> <p>Goods coverage</p> <p>Goods coverage involved in indices calculation is connected with population of goods exported in the base year and with applied border coefficients.</p> <p>Variables</p> <p><u>Price</u>: price indicators of products are received based on the data on number and cost of goods existing in database of customs declarations.</p> <p><u>Unit value price</u>: the ratio of goods and number, when in case of lowest detailing two or a few goods with different qualities are classified with the same 8-digit code.</p> <p><u>Border coefficients</u>: in order to avoid big price deviations the smoothing method of permissible upper and lower borders of indices is applied by using the border coefficients. Those products, that have price deviations more than the calculated border coefficient (with decreasing or increasing way), it means that average value changes (indices) are out of those ranges and do not participate in future calculations. The upper and lower permissible borders of the index are defined by the average weighted squared deviations of separate goods and with the help of (through) coefficients of deviations calculated on their basis.</p> <p><u>Origins of weights</u>: the origin of weights for indices aggregation is</p>

		<p>the information on export volumes of RA external trade provided by the Customs Service of the State Revenue Committee to Armstat.</p> <p>Statistical standards The lowest level of indices are the goods of Commodity Nomenclature of Foreign Economic Activity (CNFEA), the average value indices of which are weighted and thus, aggregated according to subgroups of commodities (up to 1339), groups of commodities (up to 37) and according to 21 commodity sections. The Laspeyres formula is applied for export price index calculation.</p> <p>Groupings</p> <p>Export average prices index is calculated according to the following directions:</p> <ul style="list-style-type: none"> <li>• "According to all the countries",</li> <li>• "According to CIS countries",</li> <li>• "According to non-CIS countries", including "According to EU countries",</li> </ul> <p>And each direction on the following basis:</p> <ul style="list-style-type: none"> <li>• according to types of goods,</li> <li>• according to subgroups of goods,</li> <li>• according to groups of goods,</li> <li>• according to sections,</li> <li>• total RA.</li> </ul> <p>Publication groupings</p> <p>The import average price indices are published according to 21 sections of CNFEA classification and totally to RA.</p>
<b>2.Time</b>		
2.1	Reference period	Monthly
2.2	Date of publication	Monthly data are published on the 35/36st day following the reporting period.
2.3	Punctuality	Data are published in accordance with annual programs schedule and no delay from defined periods has been reported.
2.4	Frequency	Monthly
<b>3.Accuracy</b>		
3.1	Overall Accuracy	The price indicators are received based on luggage-customs declaration. But also in case of the lowest details two or a number of goods with different qualities are classified with the same 8-digit code. Since the unit value index is not capable to entirely express the qualitative change of goods, and there are price

		deviations. Such changes of prices connected changes of qualitative qualities of the goods (because of non-homogeneity), which cause certain artificial deviation of price indices of import goods. Therefore, it becomes necessary to take out goods with extreme price changes from indices calculation. In order to avoid such great price deviations the smoothing method of permissible upper and lower borders of indices is applied by using border coefficient.
3.2	Sources of Inaccuracy	Source of inaccuracy may be as follows: <ul style="list-style-type: none"> <li>• Wrong coding of exported goods made by the customs agent,</li> <li>• Wrong entering of data of luggage-customs declarations in database submitted by the customs service of RA State Revenue Committee.</li> </ul>
3.3	Measures on accuracy	No accuracy measurements have been implemented.
<b>4. Comparability</b>		
4.1	Comparability over Time	The calculation of the indicator has been conducted since 1997 on quarterly basis. Since 2007 year the methodology of import average price indices has been improved and has been calculated on monthly basis. For each calculation year as a base year and the previous year is considered to be the basis for weights
4.2	Comparability with other Statistics	In the Republic of Armenia only one import average price index is calculated; therefore it is not comparable with other price indices.
4.3	Coherence between Provisional and Final Statistics	Published data are considered final, if adjustments are not carried out by the customs service of RA State Revenue Committee.
<b>5. Accessibility</b>		
5.1	Forms of Dissemination	<p><b>Publications</b></p> <p><b>Monthly publications</b></p> <p>“Social-Economic situation of the Republic of Armenia” monthly, quarterly information report, (Armenian and Russian).</p> <p><b>Annual publications</b></p> <p>«Prices and Price indexes in RA» statistical handbook (Armenian, English).</p> <p>“The Statistical Yearbook of Armenia” is available in (Armenian, English, and Russian).</p> <p>“Armenia in Figures” Statistics summary (Armenian, English).</p> <p><b>Website</b></p> <p>Electronic versions of publications are available in Armenian (full), Russian, English at the following address:  <a href="http://www.armstat.am/am/?nid=82">http://www.armstat.am/am/?nid=82</a>.</p>

		Monthly and historical data are available in Armenian, English at <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> .
5.2	Basic Material: Storage and Usability	Since the day of indices conduct, the databases have been kept electronically. Electronic databases include information on customs declarations of legal and physical persons.
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.