

Quality declaration Procurement price index for agricultural production

0 Total information about statistical product		
0.1	Title	Procurement price index for agricultural production
0.2	Subject Area	Producer 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:mara@armstat.am">mara@armstat.am</a> , <a href="mailto:info@armstat.am">info@armstat.am</a>
0.4	Purpose and History	The main purpose is to provide users with updated information on procurement price index for agricultural production. Indicator calculation started 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, international organizations, etc. Procurement price index for agricultural production is applied in national accounts as a deflator, as well as for the calculation of the production volumes of agricultural product, creation of agriculture statistics database, derivation of comparable indicators of agricultural production volume, as well as for forecasting the agrarian policy by the relevant bodies, developing food security strategy. The calculations of procurement price index for agricultural production means are implemented according to the international standards, which gives possibility to cooperate with international organizations (FAO, UNDP, IMF, OECD, Eurostat) in price statistics field, as well as to make comparisons with international prices.
0.6	Information Sources	Data collection for the calculation of procurement price index for agricultural production is carried out through a survey questionnaire from 7440 peasant farms included in the agricultural statistics sample survey field. For this purpose, 186 rural settlements in 10 marzes of Armenia, 40 peasant farms in each village, were included in the survey. The information on price indexes calculation of procurement price index for agricultural production means is collected by statisticians through peasant farms survey selected in a sample way. All peasant farms are

		<p>coded by 6-digit system, of which the first two digits are the codes of appropriate marzes, the following two digits are the code of the village, and the last two digits are the code of the peasant farm. In further calculations all peasant farms are presented by those codes that ensure the confidentiality of data reported by them.</p> <p>The data are collected on a monthly periodicity, twice a month, at 15 and 30/31, as well as on the nearest days, by the visit of statistician in the peasant farm. During the visit, the statistician records the indicators of the quantity and price (average price) of agricultural production procured (purchased) in the previous 15 days.</p> <p>During the price registration a statistician carries out some cross checking (quantity and price) to determine and register exactly a unit price. The completed questionnaires are submitted to the given Armstat territorial units, then to marz departments, where the received information is unified in a single database through the special software.</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 "On Approval of the Procedure for the collection of statistical data" dated 20 June 2016, Resolution "On Approval of Annual Statistical Program", as well as Resolution N 36-A dated 20 November 2019 of RA State Council on Statistics.
0.8	Response Burden	Response burden is not measured.
Content		
1.1	Description of the Content	<p>Procurement price index for agricultural production reflects price changes of production in time, as well as in territory. Procurement price indexes for agricultural production (in %) on a monthly periodicity are calculated by the following way:</p> <ul style="list-style-type: none"> <li>• reference month compared with the previous month,</li> <li>• reference month compared with the current month of the last year,</li> <li>• reference month compared with December of the last year,</li> <li>• in ascending way (compared with the relevant period of the last year).</li> </ul> <p>On a quarterly periodicity</p> <ul style="list-style-type: none"> <li>• quarter compared to the previous quarter</li> <li>• quarter compared to the appropriate quarter of the previous year.</li> </ul>
1.2	Statistical Concepts	<p>Population</p> <p>In order to calculate the procurement price indexes for</p>

		<p>agricultural production, a sample was selected where rural settlements were selected from each marz at the first stage, the number of which was determined taking into account the marz rural population size.</p> <p>At the second stage of the sampling, the farms observed were selected through a systematic sampling method. Thus, 7440 rural households (186 rural settlements, 40 most representative farms in each village) were included in the agricultural statistical sample survey field.</p> <p><b>Sectorial Coverage</b></p> <p>Statistical observations include agriculture sector of agriculture, forestry and fishing (Section A) of the Armenian Classification of Types of Economic Activity (NACE Rev.2).</p> <p><b>Geographic Coverage</b></p> <p>It covers all marzes of RA.</p> <p><b>Product Coverage</b></p> <p>The list of products has been determined taking into consideration the products processed and produced at relatively large volume by the rural farms.</p> <p><b>Variables</b></p> <p>Prices. Average weighted procurement price of agricultural production. Indexes. Indicators which reflect just price change.</p> <p>The volume indicators of the product procured (purchased) in the given month have been used as a ratio for calculating the procurement price index of the agricultural production. At the same time these indicators are necessary for the calculation of average weighted prices.</p> <p><b>Statistical criterion</b></p> <p>Procurement price index for agricultural production means is calculated for 56 commodities, which are grouped in 10 commodity groups: seeds and trees, livestock, fuel material, fertilizers, plant protection means (pesticides), forage (combined food and herbs), agricultural small tools, building materials,</p>
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<b>2.Time</b>		
2.1	Reference period	Monthly
2.2	Date of publication	Procurement price indexes for agricultural production aggregated monthly data are published on 25 <sup>th</sup> day following the reference period and in detailed version on 35/36 <sup>th</sup> day following the reference period.
2.3	Punctuality	Data are published by annual programs according to scheduled date and no delay has been recorded so far.
2.4	Frequency	Monthly
<b>3.Accuracy</b>		
3.1	Overall Accuracy	The information is provided by 7440 peasant farms which are included in agriculture statistical sample observation field. After collecting information, statistical indicators are subject to arithmetical and logical checks. The errors revealed in the verification are being clarified with the appropriate staff of the marz departments, if appropriate, with the relevant statistician providing information or directly with the households.
3.2	Sources of Inaccuracy	Source of inaccuracy may be as follows: <ol style="list-style-type: none"> <li>1. Incomplete, non-logical or distorted price information presented by rural farms,</li> <li>2. incorrectly coded information.</li> </ol>
3.3	Measures on accuracy	To check the information accuracy sampling adjustments are implemented in rural communities. During the reference period the represented data is compared with the data of the previous month.
<b>4.Comparability</b>		
4.1	Comparability over Time	Historical time series data is available since 1997. Initially, 1360 rural and peasant collective farms have been involved in agriculture sample survey. But every four years the sample field has been expanded and in 2017 has reached to 7440 farms: 186 rural settlements, 40 peasant farms per village.

		Statistical observations are implemented based on the Resolution of RA State Council on Statistics on Approval of Annual Statistical Program, as well as Resolution N 36-A dated 20 November 2019.
4.2	Comparability with other Statistics	Only one procurement price index for agricultural production is calculated in the Republic of Armenia, thus it is not comparable with other price indexes.
4.3	Coherence between Provisional and Final Statistics	The published data are considered as final.
<b>5. Accessibility</b>		
5.1	Forms of Dissemination	<p><b>Publications</b></p> <p><b>News release</b></p> <p>«Main macro-economic indicators characterizing socio-economic situation of RA» (Armenian, Russian, English).</p> <p><b>Monthly, quarterly publications</b></p> <p>«Socio-economic situation of RA» informational monthly, quarterly report (Armenian, Russian).</p> <p><b>Annual publications</b></p> <p>« Statistical Yearbook of Armenia» (Armenian, Russian, English).</p> <p>« Armenia in Figures » statistical handbook (Armenian, English).</p> <p>« The Prices and Price Indices in RA» statistical handbook (Armenian, English).</p> <p><b>Website:</b></p> <p>Electronic forms of publications are available in Armenian (complete), Russian, English at <a href="http://www.armstat.am/am/?nid=82">http://www.armstat.am/am/?nid=82</a>.</p> <p>Monthly and historical data are available in Armenian (complete), 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>.</p>
5.2	Basic Material: Storage and Usability	The information collected from respondents (from peasant farms) is kept in electronic form in Armstat, and the paper version in statistical marz departments. Electronic databases include:

		a/bulletin of marzes, b/ bulletin of regions, c/ bulletin of settlements d/ bulletin of farms, e/list of categories , f/list of groups, g/list of commodities (by realization ways), h/list of unit i/price information (quantity and volume by realization ways).
5.3	Documentation	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> .
5.4	Other Information	No other information is available.
6.Supplementary Documentation		
		No supplementary documentation is available.