

Quality declaration **Sown area of agricultural crops, gross yield and average crop yield**

0 General information on statistical product		
0.1	Name	Sown area of agricultural crops, gross yield and average crop yield
0.2	Subject area	Agriculture, forestry, fishing
0.3	Responsible Authority, Office, Person, etc.	Mr. Arsen Avagyan Head Agriculture and Food Security Statistics Division Armstat 3 Government house, Republic Avenue Yerevan, 0010, Republic of Armenia Telephone: +374 11 524 449, +374 11 564 672 E-mail: arsav@armstat.am info@armstat.am
0.4	Purpose and History	To provide users with updated information on sown areas of agricultural crops, gross yield and average crop yield. The calculation of this indicator has a long history and has been maintained since the 1910's of the 20th century. It has been regularly improved during the years to ensure the comparability with international classifications, composition of indicators and other standards.
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. The indicator of the sown area of agricultural crops, gross yield and average crop yield is applied in the field of agriculture for the purpose of strategy development, solutions of strategic objectives, analysis of business environment, revealing the trends of changes in agricultural infrastructures, formation of food balance, etc.
0.6	Information Sources	The main source for the formation of this indicator is the information collected from communities, as well as from legal persons and individual entrepreneurs through statistical reports on annual basis.

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 (Primary information providers)	The response burden is not measured.
1 Content		
1.1	Description of content	<p>The sown area of agricultural crops is a sum of volumes of sown areas of agricultural crops.</p> <p>The gross yield of agricultural crops includes total yield from main, as well as re-and inter-row sowing areas.</p> <p>Average yield capacity of agricultural crops is the ratio of actual crop yield to total harvest area.</p>
1.2	Statistical concepts	<p>Main concepts</p> <p>The sown area of agricultural crops is the area on which agricultural crops were sown.</p> <p>Total harvest area is the area, from which the actual crops were gathered.</p> <p>The actual gathered crops are the crops harvest taken from the whole harvest area.</p> <p>Average yield of crops is the ratio of actual crops yield per 1 ha to total harvest area.</p> <p>The above mentioned indicators are calculated based on main crops and their types:</p> <p>a) cereals based on types; wheat (winter wheat and spring wheat), barley (winter barley and spring barley), rye (winter rye and spring rye) etc.</p> <p>b) leguminous crops based on types; beans, peas, lentil, etc.</p>

		<p>c) industrial crops based on types; tobacco, linseed, etc.</p> <p>d) potato</p> <p>e) vegetables based on types; cabbage, cucumber, tomato, etc.</p> <p>f) orchard crops</p> <p>g) fodder crops based on types; annual and perennial grass, maize for fodder, etc.</p> <p>Perennial plants</p> <p>a) fruits based on types (families)</p> <p>b) berries c) grape</p> <p>Industry coverage</p> <p>Statistical observation includes the Armenian Classification of Types of Economic Activity (NACE rev 2): agriculture, forestry, fishing (section A).</p> <p>Geographical coverage</p> <p>Covers all marzes of the Republic of Armenia and Yerevan city.</p> <p>Groupings of Publication</p> <p>Data is published based on main crops and types of crops.</p>
2 Time		
2.1	Reference period	Annual
2.2	Date of publication	Annual indicators are published on the 1st quarter of the year (in March), following the reference period.
2.3	Punctuality	Data are published according to the schedule of publications of annual programs and without any delay in relation to the scheduled date.
2.4	Frequency	Annual

3 Accuracy		
3.1	Overall Accuracy	<p>There are no specific quantitative evaluations related to the overall accuracy.</p> <p>The information is provided by communities, legal persons, organizations and individual entrepreneurs. The received information is summarized at the level of Marzes and Yerevan city.</p> <p>The mandatory provision of statistical information by economic entities is stipulated in the relevant legal documents regulating the statistics sphere.</p> <p>The response rate is about 98%.</p>
3.2	Sources of Inaccuracy	The information is collected exhaustively on annual basis.
3.3	Measures on accuracy/ Measurability	The accuracy of the provided data is checked by comparing sown area of each crop, gross yield and average yield with the relevant data of the previous years, as well as by comparing them with the relevant indicators received from 12090 farm holdings included in the field of sample survey of agriculture statistics, provided at the level of Marzes.
4 Comparability		
4.1	Comparability over Time	<p>Before 1998, the indicator has been represented in accordance with the structure of all union classification of branches of national economy (AUCOBONE). Starting from 1998-2001 the international standard industry classification (ISIC) rev.3 has been implemented (UN).</p> <p>Since 2002, the indicator has been submitted in accordance with Armenian Classification of Types of Economic Activity (developed on the basis of Eurostat Classification of Economic Activities (NACE). Since 2010 NACE rev. 2 is applied.</p>
4.2	Comparability with Other Statistics	There is a comparability with statistics from other sources; (for example Form 4- AGR (annual)) “ Sown area of agricultural crops” under the crop of 20.. year, (as of June 1) Form 29 – AGR (monthly) statistical summary report on “Gross yield and winter crops process of agricultural crops”, information

		collected from 12090 farm holdings included in the field of sample survey of agriculture statistics.
4.3	Coherence between Provisional and Final Statistics	Data published for the first time is qualified as preliminary. Modified data is accompanied with explanatory footnotes. Preliminary data is reviewed in accordance with the adjustments and other corrections submitted by economic entities. The final data is presented in annual publications.
5 Accessibility		
5.1	Forms of Dissemination	<p>Publications</p> <p>Annual publications</p> <p>“Statistical Yearbook of Armenia” (in Armenian, Russian and English)</p> <p>“Marzes of the Republic of Armenia in figures” statistics handbook (Armenian and English)</p> <p>“Armenia in figures” statistics handbook (Armenian and English)</p> <p>“Sown area of agricultural crops, multiannual plant area, gross harvest and average yield” statistics summary (Armenian and English)</p> <p>“Food Security and Poverty” statistics summary (Armenian and English).</p> <p>Databases:</p> <p>http://armstatbank.am/pxweb/hy/ArmStatBank/?rxid=602c2fcf-531f-4ed9-b9ad-42a1c546a1b6</p> <p>Internet address:</p> <p>Electronic publications are available in Armenian (full), Russian, English on the following website: http://www.armstat.am/am/?nid=82.</p>

5.2	Basic material: Storage and Usability	The statistical data collected from respondents are kept both in paper and electronic forms.
5.3	Documentation	
5.4	Other information	<p>More detailed information on calculation of indicators of the sown areas of agricultural crops, gross yield and average crop yield is provided in the documents, which are as follows:</p> <ul style="list-style-type: none"> - statistical reporting Form 29 AGR (annual) “Sown area of agricultural crops, multiannual plant area, gross harvest and average yield” approved by the Resolution 35-N, Annex 1 dated July 12, 2019. - statistical reporting Form 29 AGR (annual) “Sown area of agricultural crops, multiannual plant area, gross harvest and average yield” approved by the Resolution N 37, Annex 1 dated July 12, 2019 of RA State Council on Statistics. <p>The methodological clarifications are available in "Statistical Yearbook of Armenia", as well as in the relevant thematic publications.</p>
6 Supplementary documentation		
		Information is available under the General Statistical Business-Process Model at https://www.armstat.am/en/?nid=672 .