



STATISTICAL ASSESSMENT OF AGRICULTURE

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Abstract

The article will talk about statistical assessment of Agriculture and methods of its assessment, research methods. In order to reveal the topic of the article, the data of Economist scientists, the statistical department of the Republic of Uzbekistan were used. The conclusions obtained from the article can be used in the teaching of statistical disciplines.

Keywords; statistics, agriculture, value assessment, mathematical statistical assessment.

Since its emergence in the last third of the XVIII century, the main attention in agricultural production statistics has been paid to the so-called crop statistics, i.e. data on crops and harvests of grain, and then potatoes, because agriculture was the leading branch of agriculture. The only source containing data on crops and grain harvests (meaning cereals and potatoes), up to the 80s of the XIX century. for all categories of farmers are governor's reports. The peculiarity of the reports was that, that crops and grain collections were taken into account in kind, i.e. in the volume of grain sown and harvested. Local administrative and police officials found out the total size of winter and spring crops in quarters. Then, on the basis of trial threshing, the yield height was determined "in sams". On this basis, the volumes of the gross harvest of bread were established. This principle did not require taking into account the acreage, but also did not allow to determine agricultural productivity as applied to a unit of area. This disadvantage was not felt in the conditions of the feudal-serf mode of production. During the period of capitalism, the need to switch to such principles and methods of crop statistics that would allow determining the productivity of agricultural production became more and more clearly revealed. To do this, it was necessary to know the size of the acreage occupied by various crops. Expanding the statistical database on ensuring food security in agriculture and increasing its transparency is one of the pressing issues of the present day.

On April 19, 2022, the resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 197 "on preparation for registration work in the field of agriculture as





a test in the Republic of Uzbekistan and measures for their implementation” was adopted.

The Ministry of Agriculture, in cooperation with the State Statistics Committee, adopted a joint decision to “establish an interdepartmental working group to support the digitization of statistics of Agriculture and food industries.”

“The main objective of making this joint decision is to ensure the reliability and validity of statistics related to the collection, analysis, use of data in the agricultural sector. Within the framework of the decision, issues such as the wider introduction of digital and Geoinformation technologies, the establishment of effective use of Information Systems and capabilities of responsible agencies, the application of advanced foreign experience to practice are envisaged – emphasized the deputy minister of Agriculture Qahramon Yuldashev. -This decision also took into account the proposals of the EU program to support agriculture and increase industry knowledge.” The composition of the working group consisting of the Ministry, committee and specialists of the ASK Facility project was formed. In addition to the principles of openness and justification of public opinion in the preparation of conclusions and proposals for decisions, the following main tasks of this group were determined:

- Evaluation and analysis of planned projects in the field of agro-industrial network statistics, information and digitalization;
- Formation of high-quality and reliable statistics in the agro-industrial sector, agriculture and food industry, ensuring their transparency and transparency;
- To encourage and support rapid and strategic cooperation between all interested government agencies, private, non-governmental, international organizations;
- Improving the efficiency of activities carried out on the basis of international experience in improving the methodology of statistics of the agro-industrial sector, agriculture and food industries;
- Cooperation in the organization and conduct of agricultural registration and improving the quality of information in the process;
- Organization of exchange of statistical and Geoinformation information by mutual integration of information systems of the parties, their comparison, analysis and improvement of accuracy;
- To establish interagency exchange of experience on application of Advanced International experience and solutions, to establish cooperation on training and professional development of specialists.





It is coordinated by the deputy minister and deputy chairman in charge of digitizing the activities of the interdepartmental working group, introducing modern information systems and software products.

According to Article 11 of the law "on official statistics", those who prepare official statistics follow the concepts, classifications and methodology recommended at the international level when developing statistical data. The authorized state body coordinates the activities of other developers of official statistics within the framework of statistical programs. Those who prepare official statistics coordinate the methodology for preparing statistical data within their competence. In the event that inconsistencies with international recommendations are established in the statistical methodologies of other developers of official statistics, the authorized state body has the right to make submissions to these developers, the execution of which is mandatory according to the results of the audit of statistical methodologies. Other drafters of official statistics, which are part of the National Statistical System, organize units responsible for the formation of statistical data and ensuring the exchange of information with an authorized state body. Official statistical handlers and administrative data suppliers provide the statistical information and (or) administrative information available to them to the authorized state body free of charge in the manner and terms established by the statistical programs. According to Article 10 of the law "on official statistics", the statistical Council is a collegial advisory body on the development, functioning and coordination of official statistics under an authorized state body. The composition of the statistics Council is formed from among representatives of Public Administration bodies, research organizations, non-profit organizations, as well as national experts in statistics. According to Article 14 of the law "on official statistics" of the State Statistics Committee of the Republic of Uzbekistan, state statistical bodies have the right to receive statistical observation forms from state and economic management bodies, self-government bodies of citizens, banks and other organizations. In accordance with Article 215 of the Code of administrative responsibility of the Republic of Uzbekistan, violation of the procedure for the submission of statistical reports expressed in the inability to provide reports and other information necessary for the conduct of statistical observation of officials, violation of reporting data or violation of the deadlines for the submission of reports will entail the imposition. According to Article 16 of the law "on official statistics", during the conduct of statistical observations according to statistical programs, respondents are obliged to provide reliable and complete information to the developers of official statistics for free in the order and deadlines established by the developer of official statistics.





Statistical analysis of products produced in the Republic in 2021		
Grain	7.5 mln tons	Yillik o'sish 104% ni tashkil etadi. Shundan Dehqonchilikda 103.1 %
Fruits and Vegetable	15.4 mln tons	
Potato	3.3 mln tons	
Melon crops	2.3 mln tons	
Cotton	3.3 mln tons	

Extensive scientific research has been carried out by many domestic and foreign scientists and specialists on improving the efficiency of agricultural production, statistical assessment of its structures. In Particular, X.D. Khujakulov, N.X. Rashitova, N.N. Asgarov, S.N. Seyfullaev and X.Shudiev considers methodological aspects of the analysis of structural changes in the agrarian sector in statistical methods, T.While shudiev scientifically studied the theoretical and practical aspects of econometric models of economic development of the agricultural network, Ch.Muradov, B.Berkinov, Sh.T. Ergasheva, Q.A. Choriev noted the liberalization of Agriculture in our country, the formation of the optimal composition of crop fields, structural and economic mechanisms of economic activity, B.P. Pankov, N.A. Models of the Popov agro-industrial complex, issues of effective organization of the agricultural economy, V.L. Somov, on the other hand, increased scientific research on the analysis of agricultural economic development and efficiency in statistical methods to AML.

In particular, professor H.In the scientific article "statistical analysis of production processes in the agrarian sphere by the forms of economic management" by khujakulov, scientific conclusions were made by statistical assessment of the peculiarities of the cultivation of agricultural products in our country, the role of economic entities in them, the level and dynamics of production by economic categories. The scientific article "economic and statistical analysis of agricultural production" by associate professor Jumaev describes the current state of agricultural production in our country, the role of the industry in the country's economy, the economic analysis of their main industries on economic activities, and the main problems and directions that need to be implemented in the development of the network.

Economist scientist B.Utanov's scientific article on the topic" integral indicators representing the effectiveness of the activities of multidisciplinary farms " describes the activities of multidisciplinary farms in our republic, and their system of economic determination and integral indicators is scientifically substantiated. Q.Berdikulov's scientific article" statistical analysis of the structural changes carried out in the





agricultural sector " covers the issues of the regulatory documents adopted in the following year on the further development of the agricultural sector and the conditions of its introduction into practice, the problems of the methods implemented in the agricultural sector and the ways of their elimination. In the scientific article "labor productivity – as a factor in the sustainable development of agricultural enterprises" by a group of authors headed by Kolesnikova, the role of the labor factor in the economic development of the agrarian sector, its distinctive features, issues of economic and statistical analysis of the level and dynamics of labor productivity in agricultural enterprises are covered. In the above studies, the development of the agricultural network, its structural and structural changes are analyzed in statistical methods at different levels, although they are studied theoretically and methodically, in the current conditions, the agricultural network of our country is deeply analyzed and studies on the study of the main directions of network development, structural changes based on the identification.

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