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**2022 YILDA QISHLOQ, O‘RMON VA BALIQCHILIK XO‘JALIGIDA AMALGA
OSHIRILGAN TARKIBIY O‘ZGARISHLARNI STATISTIK TAHLILI**

Annotatsiya. Mazkur maqolada qishloq, o‘rmon va baliqchilik xo‘jaligining ahamiyati va uning mamlakat iqtisodiyotida tutgan o‘rni yoritilgan. Qishloq, o‘rmon va baliqchilik xo‘jaligida amalga oshirilayotgan tarkibiy o‘zgarishlar statistik tahlil qilingan. Statistik baholash uslubiyotini takomillashtirish yuzasidan takliflar ishlab chiqilgan.

Kalit so‘zlar. Qishloq, o‘rmon va baliqchilik xo‘jaligi, iqtisodiyot, islohotlar, statistik tahlil, baholash, uslubiyot, takliflar.

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**STATISTICAL ANALYSIS OF STRUCTURAL CHANGES IMPLEMENTED
IN AGRICULTURE, FORESTRY AND FISHERIES IN 2022**

***Abstract.** This article describes the importance of agriculture, forestry and fisheries and its role in the country's economy. Structural changes in agriculture, forestry, and fisheries have been statistically analyzed. Proposals for improvement of the statistical assessment methodology have been developed.*

***Keywords:** Agriculture, forestry and fisheries, economy, reforms, statistical analysis, evaluation, methodology, proposals.*

Introduction

Agriculture, forestry and fisheries, as one of the leading sectors of our country, occupy an important place not only in providing the population with food products and industry with raw materials, but also in the development of other sectors of the economy. More than 90% of food products and 28.2 % of the republic's gross domestic product are created in agriculture. In the future, the

rise of the processing industry based on scientific and technical progress, advanced technologies, the growth of the population, changes in the demand of the foreign market, and the development of agricultural production processes that meet environmental requirements are an objective necessity.

The state of development of the agriculture, forestry and fisheries network is reflected in statistical data. Reflecting structural changes in agriculture requires the formation of reliable and rapid statistical data.

Analysis of literature on the topic

Scientists from foreign countries A. Aletdinova, V. Butyrin, S. Ognivsev, Ye. Skvorsov, Ye. Skvorsova, I. Sandu, G. Iovlev, A. Fedorov, N. Pavlenko and others conducted research on the problems of statistical assessment of structural changes in agriculture.

In the scientific works of local economists M. Pardayev, Ch. Murodov, N. Khushmatov, T. Farmonov, Q. Choriyev, R. Ergashev and others, general aspects of the problem of statistical assessment of the state of agricultural development were studied.

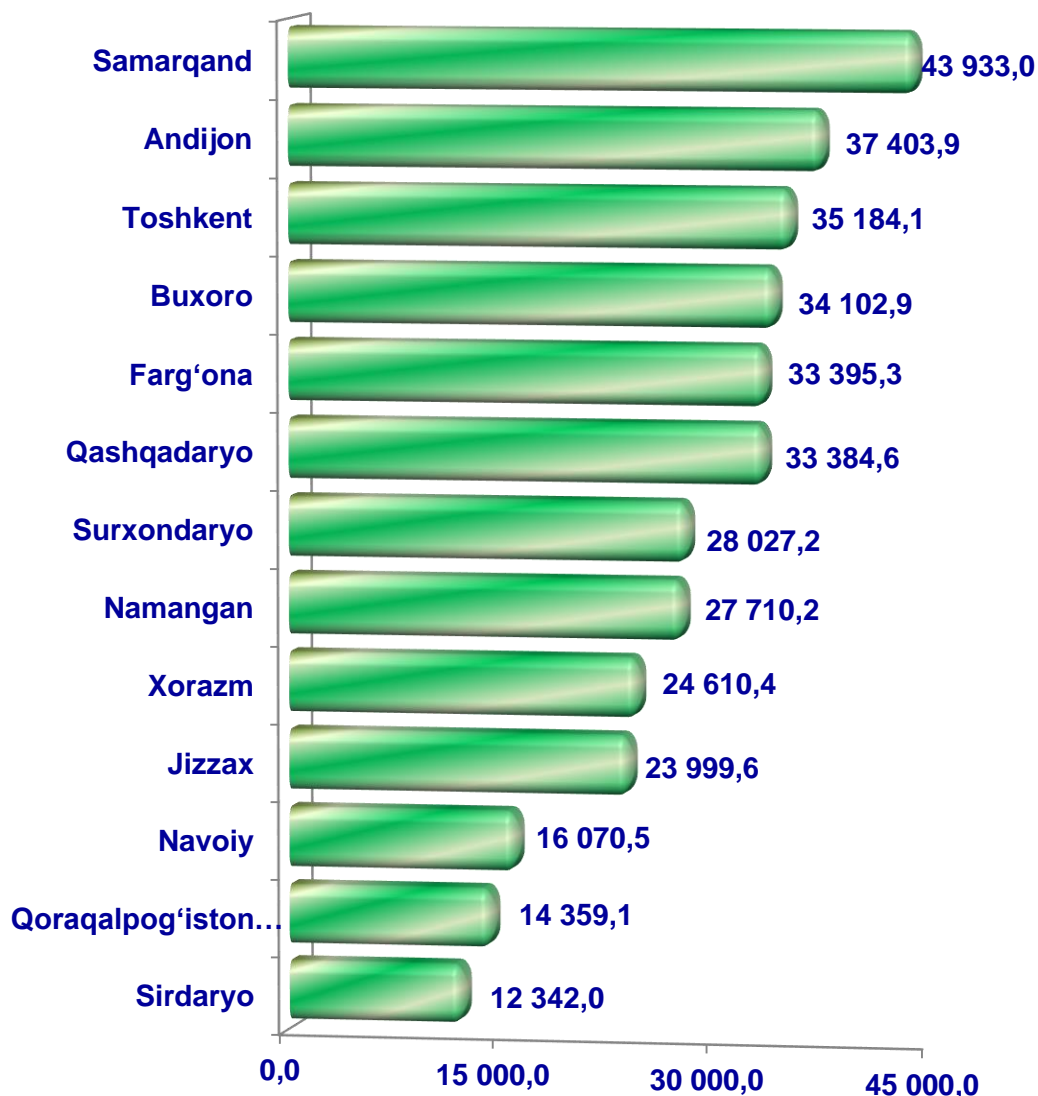
Main part

According to preliminary data, the total volume of products (services) of agriculture, forestry and fisheries in January-December 2022 is 364.5 trillion. Soums or 103.6% compared to the corresponding period of 2021.

95.3% of the total volume of agriculture, forestry and fisheries - production of agricultural and livestock products, 1.3% - services provided in the fields of agriculture and livestock and hunting, 2.5% - forestry. and 0.9% was contributed by fisheries.

When analyzed by regions, the highest volume among the regions of the Republic was recorded in Samarkand (43,933 billion soums), Andijan (37,403.9 billion soums) and Tashkent (35,184.1 billion soums) regions. On the

contrary, the regions with a small volume include Syrdarya region (12,342 billion soums), the Republic of Karakalpakstan (14,359.1 billion soums) and Navoi region (16,070.5 billion soums).



**The volume of products (services) of agriculture, forestry and fisheries
in the cross-section of regions, billion. Soum**

High growth rates were observed in Namangan (104.2%), Tashkent (104.1%), Navoi (103.9%), Kashkadarya (103.7%) and Samarkand (103.7%) regions. In comparison with other regions, Surkhandarya (102.5%), Republic of Karakalpakstan (103.3%), Syrdarya (103.4%), Khorezm (103.4%) and Jizzakh (101.0%) regions have the opposite o Low growth rates were noted.

The total volume of agricultural products produced during this period is 347.6 trillion. soums or 103.6% compared to the corresponding period of the previous year. In the total volume of agricultural products, the share of livestock products was 48.3% and the share of agricultural products was 51.7%.

Analyzes by farm categories, 62.2% of the total volume of agricultural products – dekhkan (personal assistant) farms, 31.4% - farms, 6.4% - agricultural activities showing that it corresponds to implementing organizations.

**Table 1. The main types of agricultural products grown
in January-December 2022**

	Farms of all categories		<i>including:</i>					
			<i>farmer farms</i>		<i>dekhkan and a homestead farms</i>		<i>agricultural activities implementing organizations</i>	
	<i>thou- sand tons,</i>	<i>growth rate in %</i>	<i>thou- sand tons,</i>	<i>growth rate in %</i>	<i>thou- sand tons,</i>	<i>growth rate in %</i>	<i>thou- sand tons,</i>	<i>growth rate in %</i>
Cereal crops	7994,9	104,7	6299,7	102,7	777,8	104,0	917,4	121,5
Vegetables	11163,0	102,9	4066,9	102,7	6767,1	103,0	329,0	102,5
Potatoes	3441,7	104,7	890,3	116,2	2484,0	100,9	67,4	118,8
Poly crops	2420,7	105,9	1289,5	107,5	1039,2	101,9	92,0	139,7
Fruits and berries	2983,5	104,6	1292,7	106,8	1595,6	102,2	95,2	118,0
Grapes	1760,6	103,9	795,8	105,1	920,3	102,6	44,5	107,6

According to preliminary data on the end of 2022, 7,994.9 thousand tons of grain crops (104.7% compared to the corresponding period of 2021),

11,163,000 tons of vegetables were produced by all categories of farms (102.9 %), 3 441.7 thousand tons - potatoes (104.7 %), 2 420.7 thousand tons - sugar crops (105.9 %), 2 983.5 thousand tons - fruits and berries (104.6 %) and 1,760.6 thousand tons of grapes (103.9 %) were grown.

**Table 2. Main types of livestock products and fish caught
in January-December 2022**

	Farms of all categories		<i>including:</i>					
			<i>farmer farms</i>		<i>dekhkan and a homestead farms</i>		<i>agricultural activities implementing organizations</i>	
	<i>thou- sand tons,</i>	<i>growth rate in %</i>	<i>thou- sand tons,</i>	<i>growth rate in %</i>	<i>thou- sand tons,</i>	<i>growth rate in %</i>	<i>thou- sand tons,</i>	<i>growth rate in %</i>
Meat (live weight)	2726,0	103,4	159,2	116,0	2395,9	101,6	170,9	122,1
Milk	11629,4	103,2	632,2	111,9	10861,4	102,6	135,8	114,6
Egg million, units	8129,3	104,4	1203,4	111,6	5032,3	103,2	1893,6	103,3
Fish	177,4	103,2	90,6	107,0	10,1	99,4	76,7	99,5

Also, in this period, by all categories of farms 2726.0 thousand tons - meat in live weight (103.4%), 11629.4 thousand tons - milk (103.2%), 8129.3 mln. eggs (104.4%) and 177.4 thousand tons of fish (103.2%) were caught.

The analysis of the data on the production of agricultural products by farm categories shows that the main part of grain crops is grown by farms, potatoes, vegetables, rice, fruit, grapes, meat, milk and and it shows that peasant (personal assistant) farms have a high share in the production of agricultural products such as eggs.

As of January 1, 2023, the total number of cattle in all categories of farms of the republic is 13857.6 thousand (102.3% compared to January 1, 2022), including cows - 4965.7 thousand (102.1%), sheep and goats - 23623.7 thousand heads (102.8%), horses - 269.1 thousand heads (103.4%) and poultry - 97310.2 thousand heads (105.8%).

Conclusions and suggestions

In conclusion, it can be said that the work on increasing the accuracy, truthfulness, transparency and openness of the statistical calculation of the results of reforms in the agrarian sector will be systematically continued. The truthfulness and transparency of statistical numbers will help the government to clearly develop measures aimed at reforming agriculture.

Based on this, the following scientific proposals and practical recommendations were developed in order to improve the statistical calculation of the results of reforms implemented in the agrarian sector:

- In order to assess the structural state of agriculture, to create the possibility of comparing the field with statistical data used in international experiments, to create a statistical data base for selective observations in the field of agriculture, consider the general census in the field of agriculture should be transferred;

- in order to further increase the quality, reliability and transparency of indicators of agricultural statistics, it is recommended to introduce the method of calculating data by pure net quarters.

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