IV. AGRICULTURE, FORESTRY AND FISHING

According to the provisional data in January-December 2017 the total volume of products (services) of agriculture, forestry and fishing was 69 504.2 billion soums or 102.0 percent to the corresponding period of 2016, of which crop and animal production, hunting and related services activities - 68 906.7 billion soums (101.9 percent), forestry – 117.9 billion soums (101.6 percent), fishing – 479.6 billion soums (126.8 percent).

**Volume of products (services) of agriculture,
forestry and fishing by regions**

The highest growth rates were observed in Surkhandarya region (106.6 percent), Navoi region (104.1 percent), the Republic of Karakalpakstan (103.8 percent), Fergana region (103.3 percent). The low rates were marked in Khorezm region (100.1 percent), Tashkent region and Kashkadarya region (100.8 percent).

Share of regions in the total volume of products (services) of agriculture, forestry and fishing

Republic of Karakalpakstan 2,8 %

Khorezm 5,4 %

Fergana 8,7 %

Tashkent 12,1 %

Syrdarya 4,2 %

Surkhandarya 9,1 %

Samarkand 13,1 %

Namangan 7,0 %

Navoi 5,5 %

Kashkadarya 8,2 %

Djizhak 4,9 %

Bukhara 8,3 %

Andijan 10,7 %

The share of Samarkand region in the total volume of products (services) of agriculture, forestry and fishing was 13.1 percent and is leading among the regions, Tashkent and Andizhan regions occupy the following places with 12.1 percent and 10.7 percent respectively. The lowest share is registered in the Republic of Karakalpakstan (2.8 percent), Syrdarya region (4.2 percent) and Dzhizak region (4.9 percent).

Agricultural output

Growth in total agricultural output in January-December 2017 compared with the corresponding period of 2016 amounted to 101,9 percent, including crop production - 100,7 percent, animal production – 104,2 percent.

Distribution of agricultural production by type of farm

Dekhkan (private) farms	• 63,6 %
Farm enterprises	• 34,7 %
Organizations engaged in agricultural activities	• 1,7 %

Analysis of farms by type shows that 63,6 percent of the total volume of agricultural production falls on dekhkan (private) farms, 34,7 percent on farm enterprises, 1,7 percent - on organizations carried out agricultural activities.

Distribution of agricultural production by type of farm and regions

Region	Farm enterprises	Dekhkan (private) farms	Organizations engaged in agricultural activities
R. of Karakalpakstan	36,7	61,0	2,3
Andijan	34,0	65,5	0,5
Bukhara	30,5	68,4	1,1
Djizhak	33,8	65,3	0,9
Kashkadarya	37,3	61,3	1,4
Navoi	28,4	68,5	3,1
Namangan	31,2	68,0	0,8
Samarkand	42,5	55,4	2,1
Surkhandarya	29,9	69,3	0,8
Syrdarya	40,9	56,6	2,5
Tashkent	35,4	60,3	4,3
Fergana	34,9	63,8	1,3
Khorezm	32,2	66,9	0,9

■ Farm enterprises   ■ Dekhkan (private) farms   ■ Organizations engaged in agricultural activities

When analyzing the distribution of the shares of the gross agriculture output by regions and type of farm, it was observed that the highest indicators in all regions belong to dekhkan (private) farms.

Crop production

In January-December 2017 the volume of crop production was 46 890.6 billion soums or 100.7 percent to the corresponding period of 2016. The share of crop production in the total volume of agricultural output was 69.0 percent.

Output of main of crop products
by type of farm *(January-December 2017)*

	Farms of all types		Farm enterprises		Dekhkan (private) farms		Organizations engaged in agricultural activities	
	thsd.t	*growth rate in %*	*thsd. t*	*growth rate in %*	*thsd. t*	*growth rate in %*	*thsd. t*	*growth rate in %*
Cereals	8 116,5	98,2	6 550,5	98,6	1 445,2	95,5	120,8	112,9
Cotton raw	2 900,2	98,0	2 884,0	98,0	-	-	16,1	110,1
Potatoes	3 014,6	101,9	645,0	94,2	2 347,5	104,3	22,1	99,8
Vegetables	11 433,6	101,4	3 775,7	96,2	7 565,6	104,3	92,3	95,4
Melons	2 094,8	102,4	999,0	98,6	1 061,0	106,2	34,8	108,4
Fruit and berries	3 076,3	101,1	1 370,0	98,3	1 645,8	103,7	60,5	96,4
Grapes	1 748,9	100,8	862,0	93,6	861,9	109,3	25,0	97,7

Harvesting. In January-December 2017, farms of all types produced 8 116,5 thousand tons (98,2 percent) of grain crops, 2 900,2 thousand tons (98,0 percent) of cotton raw, 3 014.6 thousand tons (101.9 percent) of potatoes, 11 433.6 thousand tons (101.4 percent) of vegetables, 2 094.8 thousand tons (102.4 percent) of melons, 3 076.3 thousand tons (101.1 percent) of fruit and berries, 1 748.4 thousand tons (100.8 percent) of grapes.

Share of farm categories in the production of main crops

	Cereals	Potatoes	Vegetables	Melons	Fruit and berries	Grapes
Organizations	1,5	0,7	0,8	1,7	2,0	1,4
Dekhkan	17,8	77,9	66,2	50,6	53,5	49,3
Farm enterprises	80,7	21,4	33,0	47,7	44,5	49,3

■ Farm enterprises

■ Dekhkan (personal subsidiary plots) farms

■ Organizations carried out agricultural activities

99,4 %

0,6 %

█ Farm enterprises

█ Organizations engaged in agricultural activities

Dekhkan (private) farms remain the main producers of most types of crop production, in the reporting period they produced 77,9 percent of the total volume of potatoes, 66,2 percent of vegetables, 53,5 percent of fruits and berries. A significant part of raw cotton and grain was produced by farm enterprises, they own 99,4 percent of all harvested cotton and 80,7 percent of all grain produced.

Production of the main crop products
by regions *(for January-December 2017)*

Cereals *(thsd. tons)*

Region	Value
Kashkadarya	1028,1
Samarkand	886,4
Fergana	788,7
Tashkent	701,9
Surkhandarya	664,1
Andijan	638,1
Bukhara	632,6
Syrdarya	596,1
Djizhak	559,7
Namangan	549,0
Khorezm	487,9
R. of Karakalpakstan	303,5
Navoi	280,4

Potatoes *(thsd.tons)*

Region	Value
Samarkand	639,9
Tashkent	429,5
Andijan	337,5
Fergana	299,4
Surkhandarya	279,7
Namangan	261,4
Bukhara	200,9
Kashkadarya	183,4
Khorezm	119,2
Navoi	76,3
Djizhak	68,8
R. of Karakalpakstan	60,3
Syrdarya	58,3

Vegetables *(thsd.tons)*

Region	Value
Tashkent	2272,9
Samarkand	1777,2
Andijan	1668,2
Surkhandarya	984,0
Fergana	890,1
Namangan	741,5
Bukhara	694,8
Khorezm	628,0
Kashkadarya	519,9
Djizhak	417,3
Syrdarya	299,4
Navoi	283,8
R. of Karakalpakstan	256,5

Melons *(thsd.tons)*

Region	Value
Syrdarya	366,0
Djizhak	281,4
Surkhandarya	231,8
Tashkent	163,4
Kashkadarya	151,3
Bukhara	144,8
Khorezm	136,6
R. of Karakalpakstan	132,5
Andijan	132,2
Samarkand	128,4
Navoi	78,5
Fergana	78,1
Namangan	69,8

Fruit and berries (*thsd.* tons)

Region	Value
Andijan	645,2
Fergana	477,3
Samarkand	416,3
Bukhara	269,6
Namangan	249,6
Tashkent	218,9
Khorezm	195,4
Surkhandarya	154,9
Kashkadarya	153,3
Navoi	116,1
Djizhak	88,8
R. of..	48,0
Syrdarya	42,9

Grapes (*thsd.* tons)

Region	Value
Samarkand	615,5
Bukhara	189,0
Tashkent	162,2
Fergana	156,6
Surkhandarya	135,9
Namangan	119,9
Kashkadarya	107,0
Navoi	85,2
Andijan	79,0
Khorezm	44,8
Djizhak	32,4
Syrdarya	14,4
R. of Karakalpakstan	7,0

Animal production

Consistent implementation of measures to further increase the capacity of the livestock sector, as well as the systemic state support provided, contributed to the growth of livestock numbers, the saturation of the domestic consumer market with livestock products.

According to the provisional data the volume of animal production in January-December 2017 amounted to 21 076,4 billion soums, or 104,2 percent of the corresponding period of 2016. In the total agricultural output the share of animal production was 31,0 percent.

Production of animal products by type of farms
(in January-December 2017)

	Total		Farm enterprises		Dekhkan (private) farms		Organizations engaged in agricultural activities	
	quantity	growth rate, in %	quantity	growth rate, in %	quantity	growth rate, in %	quantity	growth rate, in %
Meat in living weight, thsd. t	2 281,1	105,0	74,1	119,2	2 145,1	104,6	61,9	104,8
Milk, thsd. t	10 083,2	103,9	359,1	101,8	9 639,7	103,9	84,4	117,3

	Total		Farm enterprises		Dekhkan (private) farms		Organizations engaged in agricultural activities	
	quantity	growth rate, in %	quantity	growth rate, in %	quantity	growth rate, in %	quantity	growth rate, in %
Eggs, mln.	6 605,5	107,4	645,6	98,3	4 015,9	113,8	1 944,0	98,8
Wool, thsd. t	37,1	99,9	2,6	86,2	32,4	102,3	2,1	84,4
Astrakhans, thsd. pieces	1 089,7	103,3	61,0	105,2	906,1	102,6	122,6	107,7
Cocoons, thsd. t	12,5	47,4	11,4	45,8	0,0	0,0	1,1	74,0

According to the provisional data in January-December 2017 farms of all types produced 2 281.1 thousand tons of meat in living weight (5.0 percent more than in January-December 2016), 10 083.2 thousand tons of milk (3.9 percent), 6 605,5 million eggs (7.4 percent),1089,7 thousand pieces of astrakhans (3.3 percent).

**Production of main animal products
by type of farm**

Analyzing the indicators of production of livestock products by categories of farms, it should be noted that 94,0 percent of the total volume of meat in live weight falls on dekhkan (private) farms, as well as 95,6 percent of milk, 60,8 percent of eggs, 87,5 percent of wool and 83,2 percent of astrakhans.

Production of main animal products by regions

Meat *(thsd. t)*

Region	Value
Kashkadarya	281,7
Samarkand	265,4
Tashkent	251,1
Bukhara	222,2
Djizhak	203,3
Surkhandarya	177,7
Navoi	151,6
Fergana	150,0
Khorezm	145,8
Andijan	135,0
Namangan	132,2
R. of Karakalpakstan	101,5
Syrdarya	63,6

Milk *(thsd. t)*

Region	Value
Samarkand	1238,1
Kashkadarya	1088,2
Khorezm	973,2
Fergana	934,2
Bukhara	907,1
Andijan	898,2
Tashkent	866,4
Surkhandarya	810,0
Namangan	666,8
Djizhak	568,6
Navoi	442,2
R. of Karakalpakstan	364,4
Syrdarya	325,8

Eggs *(mln. pieces)*

Region	Value
Tashkent	1497,0
Samarkand	1234,4
Andijan	540,5
Kashkadarya	470,7
Namangan	465,8
Khorezm	408,9
Bukhara	365,4
Fergana	358,0
Surkhandarya	320,5
Navoi	282,2
R. of Karakalpakstan	257,9
Djizhak	244,9
Syrdarya	159,3

Cocoons *(t)*

Region	Value
Andijan	2110,1
Samarkand	1984,2
Bukhara	1855,2
Surkhandarya	1131,3
Kashkadarya	1068,5
Fergana	858,7
Khorezm	804,1
Navoi	653,8
Namangan	601,8
Tashkent	532,9
Djizhak	400,0
R. of Karakalpakstan	346,8
Syrdarya	132,9

Livestock and poultry population by type of farm *(as of January 1, 2018)*

	Farms of all types		Farm enterprises		Dekhkan (private) farms		Organizations engaged in agricultural activities	
	thsd.	*growth rate, in %*	*thsd.*	*growth rate, in %*	*thsd.*	*growth rate, in %*	*thsd.*	*growth rate, in %*
Cattle	12 414,7	101,9	601,7	104,5	11 670,4	101,8	142,6	98,8
of which cows	4 418,3	104,8	202,9	104,6	4 175,7	104,8	39,7	99,5
Sheep and goats	20 680,5	105,0	2 071,4	136,4	17 528,2	106,1	1 080,9	65,0
Poultry	71 343,4	106,4	8 174,7	105,5	44 164,0	106,2	19 004,7	107,2

As of January 1, 2018, the total number of cattle reached 12 414,7 thousand head, including 4 418,3 thousand cows, 206 805 thousand sheep and goats, 71 343,4 thousand poultry.

In comparison with the corresponding period in 2017, in farms of all types the number of cattle increased by 233,3 thousand (by 1,9 percent), including cows - by 201,0 thousand (by 4,8 percent) , sheep and goats - by 982,6 thousand (by 5,0 percent), poultry - by 4 305,7 thousand (by 6,4 percent).

Share of farm categories in livestock and poultry population

4,8 %	10,0 %	11,5 %
94,0 %	84,8 %	61,9 %
1,2 %	5,2 %	26,6 %

■ Farm enterprises
■ Dekhkan (private) farms
■ Organizations engaged in agricultural activities

Analyzing the data on the number of cattle by categories of farms on January 1, 2018, it should be noted that 4,8 percent of cattle belong to farm enterprises,

94,0 percent - dekhkan (private) farms, 1,2 percent – organizations engaged in agricultural activities, respectively, from the total number of sheep and 10.0 percent falls on farm enterprises, 84.8 percent - dekhkan (private) farms, 5.2 percent - organizations engaged in agricultural activities and of the total number of poultry 11.5 percent falls on farm enterprises, 61.9 percent - dekhkan (private) farms, 26.6 percent - organizations engaged in agricultural activities.

Livestock and poultry population by region
(as of January 1, 2018)

Cattle *(thsd.)*

Region	Value
Kashkadarya	1538,3
Samarkand	1466,4
Bukhara	1189,0
R. of Karakalpakstan	1056,1
Andijan	1008,0
Fergana	994,8
Surkhandarya	940,1
Khorezm	902,7
Tashkent	880,5
Djizhak	876,2
Namangan	686,8
Navoi	458,7
Syrdarya	417,1

of which cows *(thsd.)*

Region	Value
Samarkand	627,1
Kashkadarya	507,0
Tashkent	425,9
Bukhara	384,5
Fergana	356,5
Khorezm	346,4
Andijan	338,9
Surkhandarya	329,9
R. of Karakalpakstan	302,6
Djizhak	236,6
Namangan	215,8
Navoi	185,8
Syrdarya	161,3

Sheep and goats *(thsd.)*

Poultry *(thsd.)*

Region	Value
Kashkadarya	4486,1
Samarkand	2322,8
Surkhandarya	2208,4
Bukhara	2067,0
Navoi	2033,4
Djizhak	1932,2
Andijan	1357,1
R. of Karakalpakstan	1038,9
Tashkent	952,6
Fergana	835,4
Namangan	714,2
Khorezm	413,2
Syrdarya	319,2

Region	Value
Tashkent	15781,0
Samarkand	9589,3
Andijan	6635,1
Fergana	5735,5
Kashkadarya	5402,8
Khorezm	5027,1
Namangan	4223,6
Surkhandarya	3997,3
R. of Karakalpakstan	3866,7
Bukhara	3733,4
Djizhak	2743,8
Navoi	2312,7
Syrdarya	2295,1

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