



ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2023 (FINAL DATA)

In 2023, the value of final output produced in agriculture decreased by 18.3% compared to the previous year - to 10 554.4 million BGN. It is mainly formed by the value of the output produced in crop and animal production (91.5%), while the production of agricultural services and the output from non-agricultural inseparable activities form 8.5% of the output produced in agriculture. The value of crop output decreased by 26.6% on an annual basis - to 7 124.5 million BGN, and the value of animal output amounted to 2 535.2 million BGN - an increase of 8.6% compared to the previous year.

1. PRODUCTION ACCOUNT

1.1. Output

In 2023, the value of the final output produced in agriculture amounted to 10 554.4 million BGN (at basic prices), which was 18.3% lower than the previous year. The decrease was due to drop both in prices - by 15.3 and in volumes - by 3.5%, compared to 2022.

The value of crop output was equal to 7 124.5 million BGN and represented 67.5% of the total value of agricultural output. The majority share of crop output (82.6%) was from cereals and industrial crops, which values were calculated at 4 104.0 million BGN and 1 783.8 million BGN, respectively.

Compared to 2022, the value of crop output was lower by 26.6%, as a result of a significant decrease in prices - by 24.5%, while volumes registered a lower decline - by 2.8%.

In 2023, the value of animal output amounted to 2 535.2 million BGN, which represent 24.0% of the final output in agriculture. Compared to 2022, livestock output increased by 8.6% as a result of increase in prices - by 14.2%, while volumes decreased by 4.9%.

The value of output of breeding of animals was 1 362.5 million BGN (53.7% of output in livestock), while the value of the produced animal products was equal to 1 172.7 million BGN (46.3% of the output in livestock). Compared to 2022, the value of breeding animals increased by 18.4%, which was due to increase in prices - by 22.1%, while volumes decreased by 3.0%. Compared to the previous year, the value of produced animal products slightly decreased by 0.8%, which was a result of a decrease in volumes - by 6.7%, while prices increased by 6.3%.

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2023

(FINAL DATA)

1.2. Intermediate consumption

In 2023, the value of goods and services currently consumed in agriculture amounted to 6 337.4 million BGN, which was 9.3% lower than the previous year. The decrease was due to the drop both in prices - by 5.5% and volumes - by 4.0%.

Compared to 2022, an increase in goods and services currently consumed in agriculture was registered in seeds and planting stock - by 16.9%, plant protection products - by 0.4% and agricultural services - by 0.1%. The biggest decrease compared to the previous year was observed in fertilizers - by 18.4% and veterinary expenses - by 27.0%.

1.3. Gross value added

In 2023 gross value added produced in agriculture was equal to 4 217.0 million BGN. It was 28.7% lower than the previous year. The decrease was due to the significant drop in prices - by 26.6%, while volumes registered a smaller decrease of 2.8% on an annual basis.

2. GENERATION OF INCOME ACCOUNT

In 2023, the net operating surplus/mixed income in agriculture amounted to 3 604.5 million BGN and was 37.8% lower compared to the previous year. The decrease was a result of the drop of final output in agriculture in 2023 compared to the previous year.

3. ENTREPRENEURIAL INCOME ACCOUNT

In 2023, the net entrepreneurial income in agriculture amounted to 969.4 million BGN and decreased by 70.1% compared to the previous year, as a result of the decline in net operating surplus/mixed income and the increase in rents.

4. CAPITAL ACCOUNT

In 2023, the gross fixed capital formation in agriculture was equal to 1 354.2 million BGN and remained at almost the same levels as the previous year, with a slight decrease of 0.3%.

The bigger part of it - 1 248.7 million BGN (92.2%), represented gross fixed capital formation in non-agricultural products, of which in agricultural machinery, equipment and vehicles - 905.8 million BGN (66.9%), and in buildings - 340.1 million BGN (25.1%).

Gross fixed capital formation in agricultural products (permanent crops and productive animals) in 2023 amounted to 105.5 million BGN.

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2023 (FINAL DATA)

Methodological notes

The Economic accounts for Agriculture are satellite accounts in the framework of the National Accounts providing complementary information and concepts adapted to the particular nature of the agricultural industry. They are elaborated according to the Regulation (EC) 138/2004 and adopted by Eurostat methodology presented in the Manual on the Economic Accounts for Agriculture and Forestry, 1997 (Rev. 1.1). The following accounts build up the architecture of the accounts: there are three current accounts - Production account, Generation of income account, Entrepreneurial income account and one for accumulation account - Capital account so that the sequence and exhaustiveness are provided for according to the European System of Accounts (ESA).

Main indicators

The main purpose of the elaboration of the economic accounts is to analyse the production process and entrepreneurial income generated by the agricultural 'industry'. The calculation of the income is realized in the framework of the mentioned three current accounts, where the next methodological links were followed:

	Crop output
+	Livestock output
+	Agricultural services
+	Non-agricultural secondary activities (inseparable)
=	Output of the agricultural 'industry'
-	Intermediate consumption
=	Gross value added at basic prices
-	Fixed capital consumption
=	Net value added at basic prices
-	Compensation of employees
-	Other taxes on production
+	Other subsidies on production
=	Net operating surplus/mixed-income
-	Rents paid

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2023 (FINAL DATA)

-	Interest paid
+	Interest received
=	Net entrepreneurial income.

The output of the agricultural 'industry' represents all of the services and products produced by all units with agricultural activity. Data refer to the final output, which does not include goods and services produced and consumed by the same unit for the same period.

According to the requirements of Appendix XI of the EAA '97, Rev. 1.1 the economic accounts for agriculture do not include:

- Output of units engaged in the production of seeds upstream and downstream of multiplication for research or certification and propagation material for crops and livestock;
- Output of the certain activities which are considered as agricultural services - operation or irrigation systems, design, planting and maintenance of gardens, parks and green areas for sports facilities and like tree pruning and hedge trimming;
- Output of the form of agricultural work-in-progress for crops whose production is treated as a continuous process for the accounting period or for two calendar years;
- Non-agricultural output of agricultural units when the activities are separable.

The Net income at factor cost (calculated as net value added at basic prices less other taxes on production plus other subsidies on production) measures the remuneration of all factors of production (land, capital, labour).

The **net operating surplus/net mixed-income** (calculated after deduction of compensation of employees and other taxes on production and adding other subsidies on production from the net value added at basic prices) measures the income of the use of land, capital and non-salaried labour input.

The **net entrepreneurial income** (calculated after adding to the net operating surplus/net mixed income the interests, received by agricultural holdings, operating as companies and deducting the interests and rents, paid by them) measures the compensation of non-salaried labour, the remuneration from land, belonging of agricultural holdings and the income from the use of capital.

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2023 (FINAL DATA)

Data on the economic accounts for agriculture are elaborated for the calendar year at current and at constant prices based on the previous year. Data are elaborated at a regional NUTS 2 level.

Sources of information

The main sources of information are the statistical surveys conducted by NSI as well as surveys carried out by the 'Agrostatistics' Department at the Ministry of Agriculture and Food. Data from State Fund 'Agriculture' (Paying Agency) about the financial support in agriculture are used.

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2023
(FINAL DATA)

Annex

Table 1

Final output at basic prices - final data for 2023

	Value for 2023 in million BGN.	Volume index for 2023.	Price index for 2023	Value index 2022 = 100
output of the 'agricultural industry'	10554,4	96,5	84,7	81,7
agricultural output	10255,4	96,6	84,1	81,2
crop output	7124,5	97,2	75,5	73,4
cereal crops	4104,0	106,1	70,5	74,8
industrial crops	1783,8	83,2	72,1	60,0
fodder crops	221,4	105,7	101,9	107,7
vegetables	532,6	98,1	105,9	103,9
potatoes	75,6	72,8	106,3	77,4
fruit	355,4	77,7	118,3	91,9
other crop products	51,7	107,0	117,0	125,2
livestock output	2535,2	95,1	114,2	108,6
livestock	1362,5	97,0	122,1	118,4
livestock products	1172,7	93,3	106,3	99,2
agricultural services output	595,7	91,9	108,9	100,1
non-agricultural secondary activities				
(inseparable)	299,0	94,6	115,7	109,5
total intermediate consumption	6337,4	96,0	94,5	90,7
seeds and planting stock	380,9	103,0	113,5	116,9
energy and lubricants	1171,5	95,0	94,5	89,8
fertilisers and soil improvers	1152,7	119,5	68,3	81,6
plant protection products and pesticides	513,8	104,5	96,1	100,4
veterinary expenses	161,6	68,9	105,9	73,0
animal feeding stuff	1351,0	86,2	106,0	91,4
maintenance of materials	379,4	86,0	106,2	91,3
maintenance of buildings	154,8	79,9	109,6	87,6
agricultural services	595,7	91,9	108,9	100,1
fisim	50,6	67,6	108,8	73,5
other goods and services	425,4	82,2	108,9	89,5
gross value added at basic prices	4217,0	97,2	73,4	71,3
fixed capital consumption	1232,2	95,1	115,3	109,7
net value added at basic prices	2984,8	97,7	63,8	62,3
net income at factor cost	5253,4	-	-	73,1
net operating surplus	3604,5	-	-	62,2
net entrepreneurial income	969,4	-	-	29,9

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2023 (FINAL DATA)

**Figure 1. Variation of agricultural income indicators during the period
2007 - 2023**

