

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2023 (FIRST ESTIMATE)

According to the first estimate of the Economic Accounts for Agriculture, the final output of the agricultural 'industry' at basic prices in 2023 amounted to 10 445.9 million BGN. Gross value added at basic prices decreased by 30.4% on an annual basis and reached 4 118.8 million BGN, and net entrepreneurial income amounted to 1 067.3 million BGN.

According to the first estimate of Economic Accounts for Agriculture, the final output of the agricultural 'industry' at basic prices¹ in 2023 amounted to 10 445.9 million BGN, which was by 19.1% less than in the previous year. The decrease was due to a drop in prices by 15.0%, and a decrease in volumes by 4.8%.

The value of crop output amounted to 6 982.4 million BGN and decreased by 28.1% compared to 2022. The decrease was due to the significant drop in prices - by 24.2%, as well as the slighter decrease in volumes - by 5.1%. The drop in prices of crop output is mainly due to the decrease in prices of cereals - by 30.0% and industrial crops - by 26.7%.

In comparison to the previous year an increase in prices of vegetables by 12.2% and fruits by 17.7% is observed. The decrease in volumes of crop output was mainly a result of the drop in volumes of industrial crops - by 20.4%, due to the lower harvest in 2023. There was also a decline in volumes of fruits and vegetables, respectively by 8.7% and by 3.3%, while a rise in volumes of cereals was registered - by 3.0%.

The animal output was estimated at 2 569.2 million BGN and increased by 10.1% compared to the previous year. The increase was a result of a rise in prices by 13.7%, while the decrease in volumes was observed - by 3.2%.

The value of means of production currently consumed in agriculture in 2023 amounted to 6 327.1 million BGN, which was 9.5% lower than the previous year. The decrease was due to the drop in the prices - by 5.0%, and the decrease in volumes - by 4.7%.

Gross value added at basic prices produced in agriculture in 2023 was estimated at 4 118.8 million BGN and was 30.4% lower than in 2022. The decrease was due to the drop in the prices - by 26.8%, and volumes - by 13.5%.

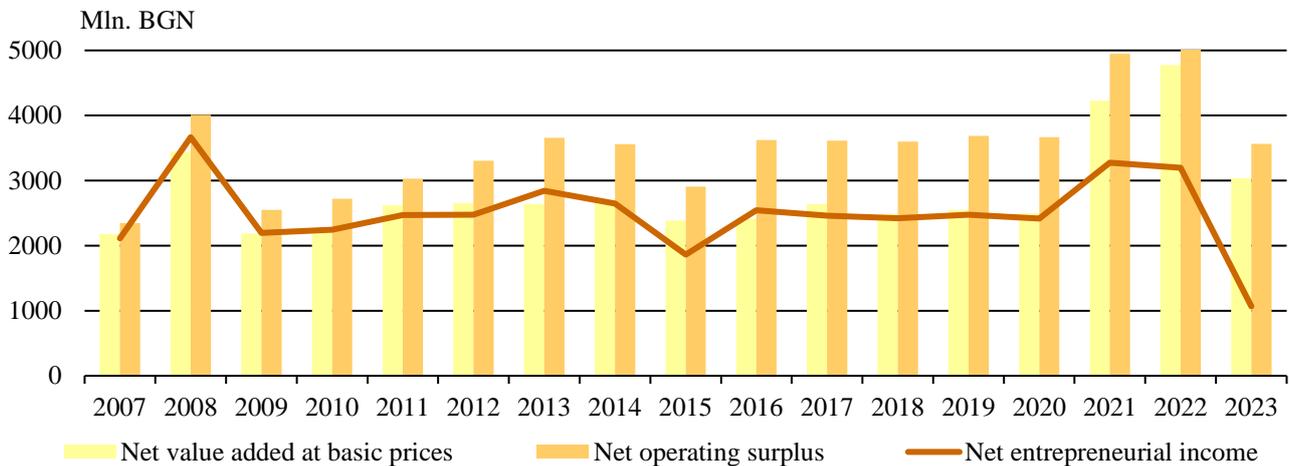
The value index² of income at factor cost decreased by 27.1% and net operating surplus/mixed income - by 38.0%, which was due to the decrease of prices in agricultural output compared to 2022.

The value index of net entrepreneurial income in agriculture in 2023 decreased by 66.6% in comparison to 2022.

¹ Basic prices include subsidies on products but do not include taxes on products.

² Value index of the income in agriculture is calculated as the nominal value of 2023 divided by the nominal value of 2022.

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



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 of the European Parliament and of the Council 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 the calculation of the entrepreneurial income for the agricultural 'industry'. The calculation of the income is realized in the frame 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
-	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 certain activities which are considered 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 the 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 from 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.

Data on the economic accounts for agriculture are elaborated for the calendar year at current and constant prices based on the previous year. Data are elaborated at a regional NUTS2 level.

Sources of information

The main sources of information are the statistical surveys conducted by the NSI and surveys, carried out by the Agrostatics Division at the Ministry of Agriculture and Food, as well. There are used data of State fund ‘Agriculture’ (Paying agency) about financial support in agriculture.

Annex
Final output at basic prices - first estimation for 2023

Table 1

	Value for 2023 in Million BGN	Volume index	Price index	Value index 2022 = 100
Output of the agricultural ‘industry’	10445.9	95.2	85.0	80.9
Agricultural output	10169.5	95.3	84.5	80.5
Crop output	6982.4	94.9	75.8	71.9
Cereal crops	3955.3	103.0	70.0	72.1
Industrial crops	1733.8	79.6	73.3	58.3
Fodder crops	199.6	113.7	85.4	97.1
Vegetables	556.3	96.7	112.2	108.5
Potatoes	72.4	70.2	105.5	74.1
Fruit	415.1	91.3	117.7	107.5
Other crop products	49.9	103.1	117.1	120.7
Animal output	2569.2	96.8	113.7	110.1
Animals	1309.4	92.8	122.6	113.8
Animal products	1259.8	100.7	105.8	106.5
Agricultural services output	617.9	95.6	108.6	103.8
Non-agricultural secondary activities (inseparable)	276.4	90.4	111.9	101.2
Total intermediate consumption	6327.1	95.3	95.0	90.5
Seeds and planting stock	367.0	99.9	112.7	112.6
Energy and lubricants	1165.7	94.8	94.2	89.3
Fertilisers and soil improvers	1092.1	112.9	68.5	77.3
Plant protection products and pesticides	496.5	99.4	97.6	97.0
Veterinary expenses	161.3	69.0	105.4	72.7
Animal feeding stuffs	1373.9	87.5	106.2	92.9
Maintenance of materials	409.0	92.9	105.9	98.4
Maintenance of buildings	169.6	87.7	109.3	95.9
Agricultural services	617.9	95.6	108.6	103.8
FISIM	64.5	86.3	108.6	93.7
Other goods and services	409.6	79.3	108.6	86.1
Gross value added at basic prices	4118.8	95.1	73.2	69.6
Fixed capital consumption	1084.0	85.7	111.4	95.5
Net value added at basic prices	3034.8	97.3	65.2	63.4
Income at factor cost	5266.4	x	x	72.9
Net operating surplus	3562.0	x	x	62.0
Net entrepreneurial income	1067.3	x	x	33.4