

ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2021 (FIRST ESTIMATE)

According to the first estimate of Economic Accounts for Agriculture the final output of the agricultural 'industry' at basic prices¹ in 2021 amounted to 10 421.7 million BGN, which was by 32.4% higher than in previous year. After the significant decrease in production in 2020, due to bad weather conditions, in 2021 an increase was observed, as a result of both growth in volumes - by 17.5% and prices - by 12.7%.

The value of crop output amounted to 7 691.6 million BGN and increased by 46.9% compared to 2020. The increase was due to the rise in both of volumes - by 24.4% and prices - by 18.1%. Significant increase in volumes of crop output was observed in all main crops except vegetables, as a result of higher yields, due to good weather conditions. The biggest increase was observed in cereals - by 35.3%.

The animal output was estimated at 2 000.5 million BGN and it was almost at the same level as in the previous year with a small increase - by 2.0% as result of an increase of volumes - by 3.0% , while prices decreased by 1.0%.

The value of means of production currently consumed in agriculture in 2021 amounted to 5 474.0 million BGN, which was by 23.0% higher than the previous year. The increase was due to both rise in the volumes by 13.4% and rise in the prices - by 8.5%.

Gross value added at basic prices produced in agriculture in 2021 was estimated at 4 947.7 million BGN and was by 44.7% higher than in 2020. The increase was due to both rise in the volumes - by 22.8% and rise in the prices - by 17.8%.

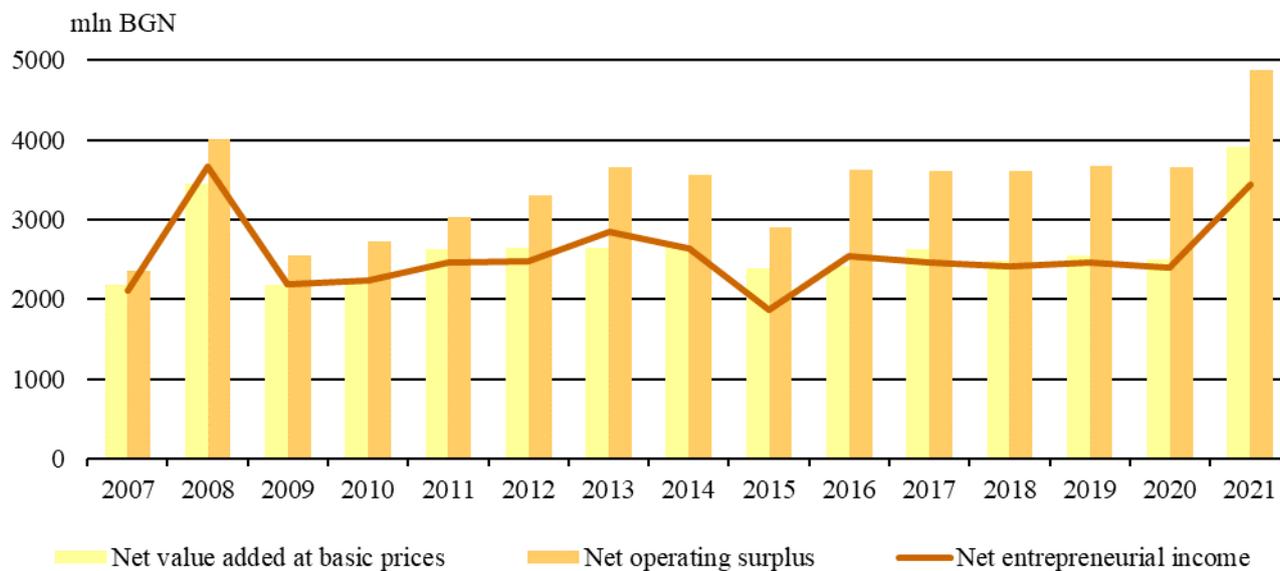
The value index² of income at factor cost increased by 27.7% and net operating surplus/mixed income - by 33.0%, which was due to the both increase of volumes and increase of prices in agricultural output compare to 2020 and and in particular - the increase of crop output.

The value index of net entrepreneurial income in agriculture in 2021 was increased by 43.0% in comparison to 2020.

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 2021 is divided on nominal value of 2020.

Figure 1. Variation of agricultural income indicators during the period 2007 - 2021



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 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

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

- Output of units engaged in 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

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- 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.

Data on the economic accounts for agriculture are elaborated for the calendar year at current and at constant prices based on previous year. Data are elaborated at 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, Food and Forestry, 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 2021

Table 1

	Value for 2021 in Million BGN	Volume index	Price index	Value index 2020 = 100
Output of the agricultural 'industry'	10421.7	117.5	112.7	132.4
Agricultural output	10214.4	118.0	112.9	133.2
Crop output	7691.6	124.4	118.1	146.9
Cereal crops	4200.3	135.3	119.0	161.0
Industrial crops	2459.0	117.2	125.8	147.4
Fodder crops	150.4	104.6	109.5	114.5
Vegetables	352.6	97.6	96.6	94.3
Potatoes	61.3	97.5	86.0	83.9
Fruit	426.2	121.9	101.8	124.1
Other crop products	41.8	98.3	104.0	102.2
Animal output	2000.5	103.0	99.0	102.0
Animals	987.5	105.4	94.8	99.9
Animal products	1013.0	100.5	103.5	104.0
Agricultural services output	522.3	110.0	102.8	113.1
Non-agricultural secondary activities (inseparable)	207.3	98.0	103.6	101.5
Total intermediate consumption	5474.0	113.4	108.5	123.0
Seeds and planting stock	254.8	114.4	102.9	117.7
Energy and lubricants	1174.2	114.9	112.6	129.4
Fertilisers and soil improvers	651.6	113.8	125.8	143.2
Plant protection products and pesticides	371.0	114.6	101.3	116.1
Veterinary expenses	293.8	114.2	102.2	116.7
Animal feeding stuffs	1126.4	111.6	109.9	122.6
Maintenance of materials	397.0	114.3	102.7	117.4
Maintenance of buildings	173.1	113.9	104.1	118.6
Agricultural services	522.3	110.0	102.8	113.1
FISIM	80.1	104.7	102.8	107.6
Other goods and services	429.7	117.0	102.8	120.3
Gross value added at basic prices	4947.7	122.8	117.8	144.7
Fixed capital consumption	1034.9	111.8	100.3	112.2
Net value added at basic prices	3912.8	126.9	123.5	156.7
Income at factor cost	6095.3	x	x	127.7
Net operating surplus	4869.6	x	x	133.0
Net entrepreneurial income	3439.2	x	x	143.0