



ECONOMIC ACCOUNTS FOR AGRICULTURE FOR 2018

(FIRST ESTIMATION)

According to the first estimate of Economic Accounts for Agriculture the final output at basic prices¹ in 2018 amounted to 8 077.2 million BGN, which was by 2% lower than in previous year. The decrease was mainly due to drop in the volumes - by 3.1%.

The value of crop output amounted to 5 414.0 million BGN which was 2.8% below than in 2017. The decrease was in result of drop in the volumes by 4.6%. The animal output was estimated at 1 978.0 million BGN, which was at the same level as in 2017.

The value of means of production currently consumed in agriculture in 2018 amounted to 4 672.5 million BGN, which was by 4.3% higher than the previous year. The increase was due to the rise in the volumes by 1.3%, and in the price by 3.0%.

Gross value added at basic prices produced in agriculture in 2018 was estimated at 3 404.7 million BGN and was by 9.5% lower than in 2017. The decrease was due to fall in the prices - by 1.2%, and in the volumes - by 8.4%.

The value index² of income at factor cost decreased by 14.8% and net operating surplus - by 18.7%, which is due to the decrease of production and received subsidies in agriculture according to 2017.

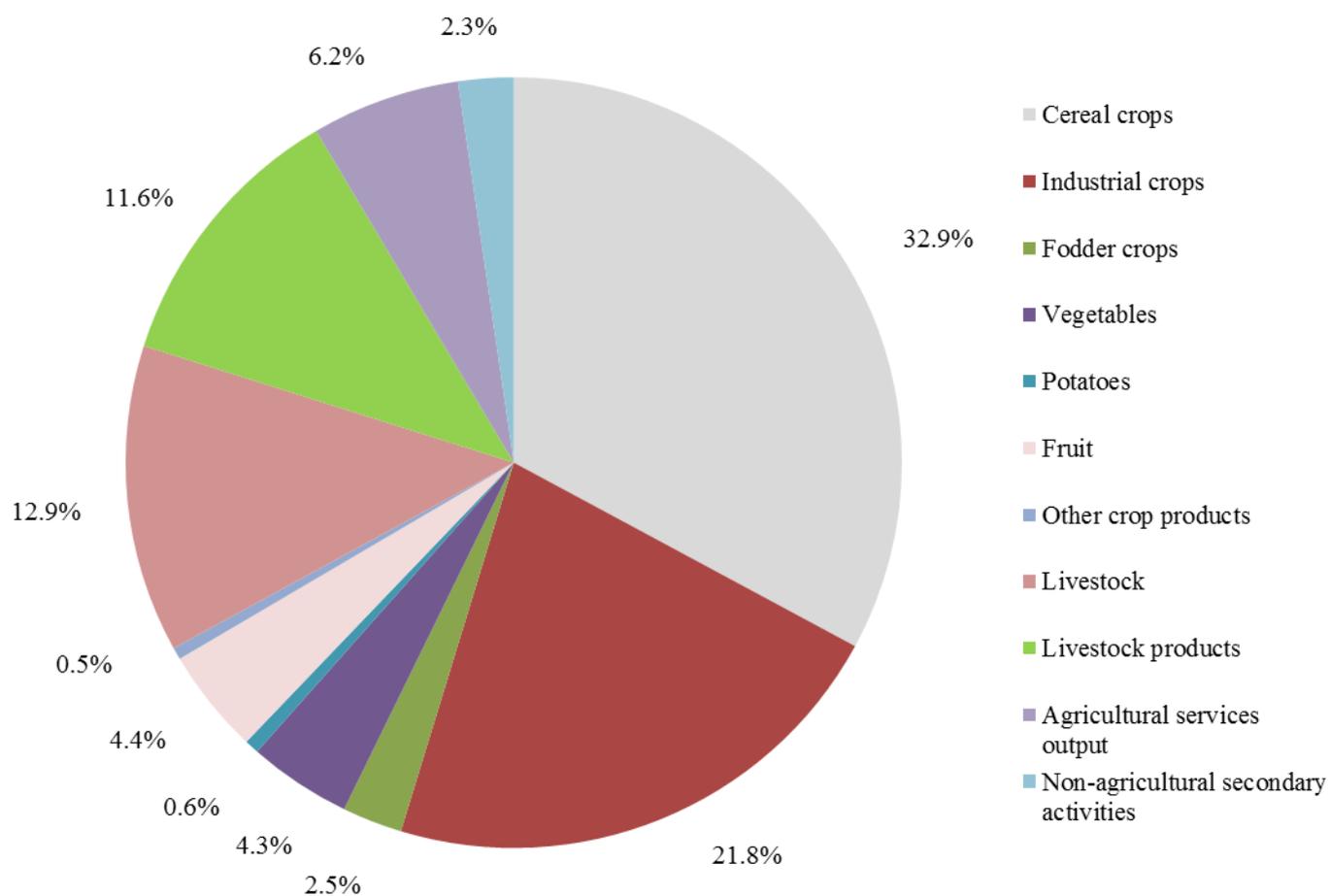
The value index of net entrepreneurial income in agriculture in 2018 was dropped by 30.5% according to 2017.

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 2018 is divided on nominal value of 2017.



Figure. 1. Structure of the final output in agriculture by main groups at basic price for 2018





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 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
- 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 Agrostatistics 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

Table 1

Final output at basic prices - first estimation for 2018

	Value for 2018 in Million BGN	Volume index	Price index	Value index 2017 = 100
Output of the agricultural 'industry'	8077.2	96.9	101.2	98.0
Agricultural output	7893.2	97.4	101.1	98.5
Crop output	5414.0	95.4	101.9	97.2
Cereal crops	2651.1	100.5	108.2	108.7
Industrial crops	1764.3	91.8	97.6	89.6
Fodder crops	198.3	98.5	89.9	88.6
Vegetables	351.1	81.4	112.4	91.4
Potatoes	51.9	59.2	111.1	65.8
Fruit	357.9	98.6	85.0	83.9
Other crop products	39.4	117.4	72.2	84.7
Livestock output	1978.0	101.5	98.5	100.0
Livestock	1039.5	101.0	98.1	99.1
Livestock products	938.5	102.1	98.8	100.9
Agricultural services output	501.2	103.9	103.7	107.7
Non-agricultural secondary activities (inseparable)	184.0	77.8	103.4	80.5
Total intermediate consumption	4672.5	101.3	103.0	104.3
Seeds and planting stock	164.6	82.2	102.6	84.3
Energy and lubricants	1072.2	90.5	108.1	97.8
Fertilisers and soil improvers	420.9	105.7	100.8	106.6
Plant protection products and pesticides	329.2	112.0	98.0	109.8
Veterinary expenses	217.8	90.6	101.7	92.2
Animal feeding stuffs	996.0	104.1	100.8	105.0
Maintenance of materials	338.0	112.3	100.9	113.3
Maintenance of buildings	165.7	110.5	102.6	113.3
Agricultural services	501.2	103.9	103.7	107.7
FISIM	83.1	109.0	103.7	113.1
Other goods and services	383.8	113.9	103.7	118.1
Gross value added at basic prices	3404.7	91.6	98.8	90.5
Fixed capital consumption	928.7	104.5	102.3	106.9
Net value added at basic prices	2476.0	87.8	97.5	85.6
Income at factor cost	4098.7	-	-	85.2
Net operating surplus	3207.4	-	-	81.3
Net entrepreneurial income	1937.4	-	-	69.5