

## First Release

Year: LX.

Zagreb, 15 May 2023

POLJ-2023-1-5/1

ISSN 1334-0557



# AGRICULTURAL QUARTERLY PRICE INDICES, FIRST QUARTER OF 2023

Since 2018, agricultural quarterly price indices have been calculated on the basis of 2015 in accordance with Eurostat recommendations.

In the first quarter of 2023, the average producer prices of agricultural goods output increased by 48.8% compared to 2015 and by 23.2% compared to the same quarter of 2022.

The prices of crop products output were by 46.7% higher compared to 2015 and by 8.6% higher compared to the same quarter of 2022.

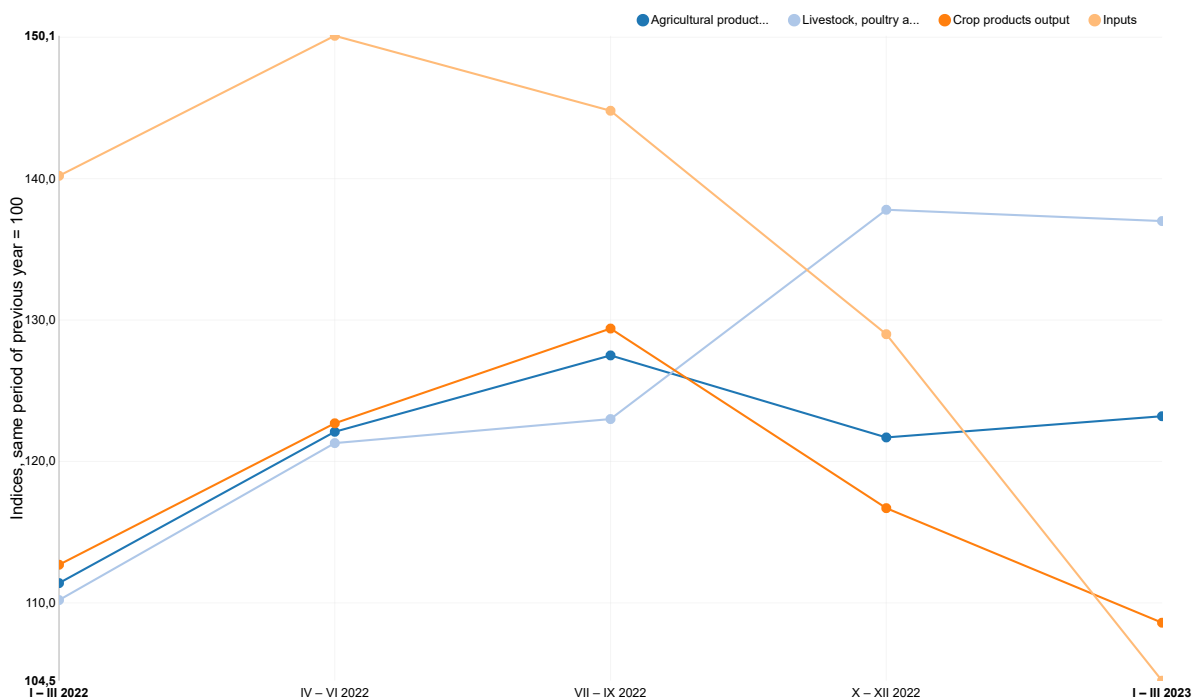
Compared to the same period of the previous year, the prices increased in all significant groups of crop products output. The increase in the prices of crop products output was mostly affected by the increase in the prices of vegetables (by 16.0%), wine (by 5.4%), and fruits (by 29.8%), while the prices in the cereals group decreased (by 1.9%).

The prices of livestock, poultry, and animal products output increased by 50.4% compared to 2015 and by 37.0% compared to the same quarter of 2022.

As regards the groups of products that have the largest share in livestock production, the largest increase compared to the same quarter of 2022 was recorded in the prices of milk (by 39.1%), pigs (by 60.7%), cattle (by 16.1%), poultry (by 28.9%), and consumer eggs (by 74.9%).

The prices of goods and services currently consumed in agriculture (input I) increased by 51.8% in the first quarter of 2023 compared to 2015 and by 4.5% compared to the same quarter of 2022. This increase was mostly influenced by the increase in the prices of animal feedingstuffs, energy, and seeds and seedlings.

## G-1 AGRICULTURAL QUARTERLY PRICE INDICES, FIRST QUARTER OF 2022 – FIRST QUARTER OF 2023



## 1 PRICE INDICES OF AGRICULTURAL GOODS OUTPUT

Agricultural goods output	Indices	
	I – III 2023 Ø 2015	I – III 2023 I – III 2022
Total	148,8	123,2
Agricultural goods output, excluding fruits and vegetables	150,0	126,4
Crop output	146,7	108,6
Crop output, excluding fruits and vegetables	149,1	105,9
Cereals	198,2	98,1
Industrial plants	174,0	116,8
Forage plants	198,4	161,4
Vegetables, flowers and plants	130,1	107,1
Fresh vegetables	134,1	116,0
Flowers and plants	129,4	105,7
Potatoes (including seeds)	292,8	134,8
Fruits	220,7	129,8
Wine	114,1	105,4
Olive oil	112,4	106,6
Livestock, poultry and animal products output	150,4	137,0
Livestock and poultry	145,5	132,1
Cattle	146,2	116,1
Pigs	150,1	160,7
Horses	175,4	109,1
Sheep and goats	160,1	120,1
Poultry	134,0	128,9
Other animals	118,7	103,5
Animal products output	156,4	143,0
Milk – total (cow's, sheep's and goat's)	154,7	139,1
Eggs, consumer	183,3	174,9
Other animal products output <sup>1)</sup>	86,2	103,0

1) The index refers to the prices of honey and raw skin (excluding lamb's).

## 2 PRICE INDICES OF GOODS AND SERVICES CURRENTLY CONSUMED IN AGRICULTURE (input I)

	Indices	
	I – III 2023 Ø 2015	I – III 2023 I – III 2022
Input I, total	151,8	104,5
Seeds and planting stock	159,0	122,9
Energy and lubricants	153,5	103,7
Fertilisers	181,6	83,2
Plant protection products and pesticides	123,4	104,7
Veterinary expenses	118,5	107,2
Animal feedingstuffs	170,3	118,2
Maintenance of materials	129,8	114,7
Maintenance of buildings	140,9	115,8
Other services	108,6	105,0

### NOTES ON METHODOLOGY

#### Sources and methods of data collection

The agricultural price indices for the Republic of Croatia have been calculated on the basis of the data on prices obtained through the quarterly surveys on the purchase and sale of agricultural products as well as through other surveys carried out by the Croatian Bureau of Statistics, from administrative data of the Ministry of Agriculture and from other administrative sources.

The price indices in agriculture in the Republic of Croatia have been calculated on the 2005 basis within the national Phare 2005 Programme for the first time and the methodology used has been harmonised according to Eurostat recommendations.

Since 2018, the indices have been calculated on the 2015 basis.

The structure of weights is reviewed every five years according to the Eurostat methodology for agricultural price statistics, which means that the calculation of price indices is influenced by the weight structure from the base year. The Laspeyres formula is used to calculate the price indices.

The weight structure was calculated on the basis of the share of individual products in the purchase and sale of agricultural products as well as on the basis of the value of agricultural production and intermediate consumption from the agricultural economic accounts.

#### Coverage

The agricultural price indices are calculated at the level of the Republic of Croatia.

#### Definitions

**Price index of agricultural goods output** includes crop and animal output (livestock, poultry and animal products).

**Input I** includes goods and services currently consumed in agriculture.

**Goods** are all products except services.

**Services** include the maintenance of materials (machines and materials), agricultural buildings and other services.



The survey whose data are published in this First Release has been conducted with the financial assistance of the European Union. The contents of this document are the sole responsibility of the Croatian Bureau of Statistics and can under no circumstances be regarded as reflecting the position of the European Union.

#### Abbreviations

Eurostat                      Statistical Office of the European Union

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