



AGRICULTURAL PRICE INDICES, 2023

Agricultural price indices include agricultural products, that is, crop and animal products output. Crop products output include cereals, industrial plants, forage plants, vegetables, flowers and plants, potatoes (including seeds), fruits, wine and olive oil produced by using own-produced grapes and olives. Animal products output include cattle, pigs, horses, sheep and goats, poultry, other animals, milk, consumer eggs and other animal products.

Compared to 2015, average producer prices of agricultural products output increased by 37.5% in 2023, while, compared to 2022, they decreased by 3.0%.

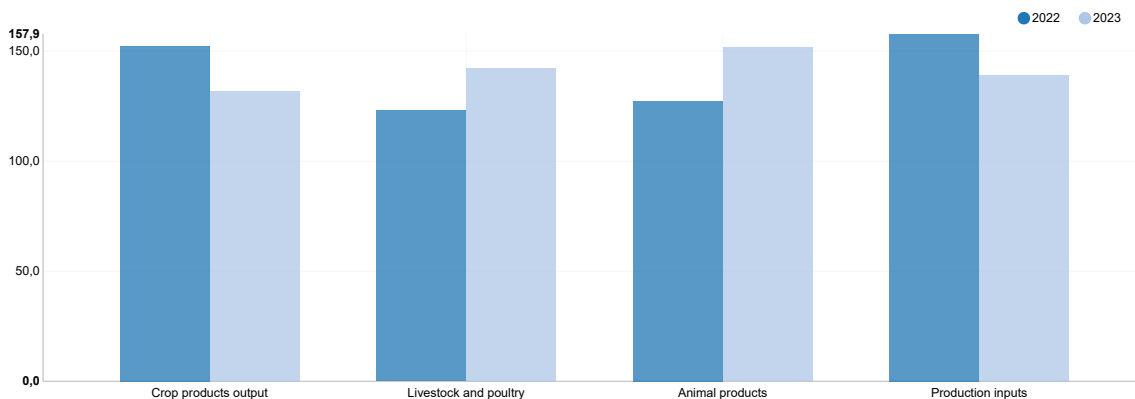
The increase in the prices of agricultural products in 2023, as compared to 2015, was influenced by the prices of crop products, which were 31.9% higher, as well as the prices of livestock and animal products, which increased by 46.3%.

Compared to 2022, the prices of crop products decreased by 13.4%. That decrease was influenced by lower prices in groups of cereals, by 41.7%, and industrial plants, by 26.9%, which have a significant share in crop production, while the prices in all other groups increased.

The prices of livestock and animal products increased by 17.2% compared to 2022. Out of important animal products output, the increase was recorded in the prices of milk, of 18.1%, pigs, of 25.8%, cattle, of 11.0%, poultry, of 11.5%, and consumer eggs, of 30.7%.

The prices of goods and services currently consumed in agricultural products output include products consumed in current production, maintenance service of equipment (machinery and materials) and agricultural buildings as well as other services. Compared to 2015, the prices of those goods and services increased by 39.1% in 2023, while, compared to the previous year, they decreased by 11.9%.

G-1 AGRICULTURAL PRICE INDICES



1 PRICE INDICES OF AGRICULTURAL GOODS OUTPUT

Agricultural goods output	Indices	
	2023 Ø 2015	2023 2022
Total	137,5	97,0
Agricultural goods output, excluding fruits and vegetables	134,7	93,8
Crop output	131,9	86,6
Crop output, excluding fruits and vegetables	124,5	77,9
Cereals	119,6	58,3
Industrial plants	126,8	73,1
Forage plants	117,6	101,7
Vegetables, flowers and plants	148,6	114,8
Fresh vegetables	165,2	121,0
Flowers and plants	128,3	106,2
Potatoes (including seeds)	255,3	133,6
Fruits	156,4	112,9
Wine	124,5	110,2
Olive oil	127,4	111,2
Livestock, poultry and animal products output	146,3	117,2
Livestock and poultry	142,3	115,7
Cattle	141,3	111,0
Pigs	150,3	125,8
Horses	181,0	104,1
Sheep and goats	156,2	118,0
Poultry	131,5	111,5
Other animals	118,7	90,6
Animal products output	151,8	119,2
Milk	150,1	118,1
Consumer eggs	175,6	130,7
Other animal products output ¹⁾	109,8	99,3

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	
	2023 Ø 2015	2023 2022
Input I, total	139,1	88,1
Seeds and planting stock	154,3	113,8
Energy and lubricants	147,7	85,4
Fertilisers	150,9	61,3
Plant protection products and pesticides	123,4	104,3
Veterinary expenses	123,1	108,8
Animal feedingstuffs	143,7	92,1
Maintenance of materials	132,8	111,1
Maintenance of buildings	142,8	109,0
Other services	110,2	104,8

NOTES ON METHODOLOGY

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

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

Sources and data collection methods

Agricultural price indices for the Republic of Croatia have been calculated on the basis of prices data obtained through quarterly surveys on sale and purchase 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 base year for the calculation of price indices is 2015.

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 the agricultural production and intermediate consumption from agricultural economic accounts.

Coverage

Average producer prices of agricultural products are gathered on the basis of quarterly surveys on the purchase and sale of agricultural products whose reporting units are legal entities and parts thereof as well as tradesmen classified into section A Agriculture, forestry and fishing – division 01 (excluding group 01.7 Hunting, trapping and related service activities) and other legal entities and tradesmen engaged in the production or purchase of agricultural products classified into other activity sections of the NKD 2007. The coverage is selective. It includes legal entities employing 10 or more persons and tradesmen employing five or more persons.

The prices of goods consumed in agricultural production are derived from other surveys of the Croatian Bureau of Statistics, administrative data of the Ministry of Agriculture and other administrative sources.

Agricultural price indices are calculated at the level of the Republic of Croatia.

Definitions

Agricultural price indices include prices of agricultural products and prices of goods and services for current use in agricultural production.

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

Input I includes goods and services currently consumed in agricultural production.

Goods are all products except services.

Services comprise the maintenance of equipment (machinery 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
NKD 2007	National Classification of Activities, 2007 version

Published by the Croatian Bureau of Statistics, Zagreb, Ilica 3, P. O. B. 80

Phone: (+385 1) 48 06 111
Press corner: press@dzs.hr

Persons responsible:
Suzana Šamec, Head of Macroeconomic Statistics Directorate
Lidija Brković, Director General

Prepared by:
Matej Pejčković, Ivan Dujman, Mateja Ivezić and Normela Pušić

USERS ARE KINDLY REQUESTED TO STATE THE SOURCE.

Customer Relations and Data Protection Department

Information and user requests
Phone: (+385 1) 48 06 138, 48 06 154, 48 06 115
E-mail: stat.info@dzs.hr

Subscription
Phone: (+385 1) 21 00 455
E-mail: prodaja@dzs.hr