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# ECONOMIC ACCOUNTS FOR AGRICULTURE, 2023

The value of the output of the agricultural industry in 2023 in the Republic of Croatia amounted to 2 840 million euro, which was a decrease of 12.5% compared to the previous year.

The gross value added in 2023 amounted to 1 395 million euro. As compared to the previous year, it was a decrease of 18.8%.

The agricultural labour input in this period decreased by 0.6%.

## 1 VALUE OF PRODUCTION, FACTOR INCOME, ENTREPRENEURIAL INCOME AND AGRICULTURAL LABOUR INPUT

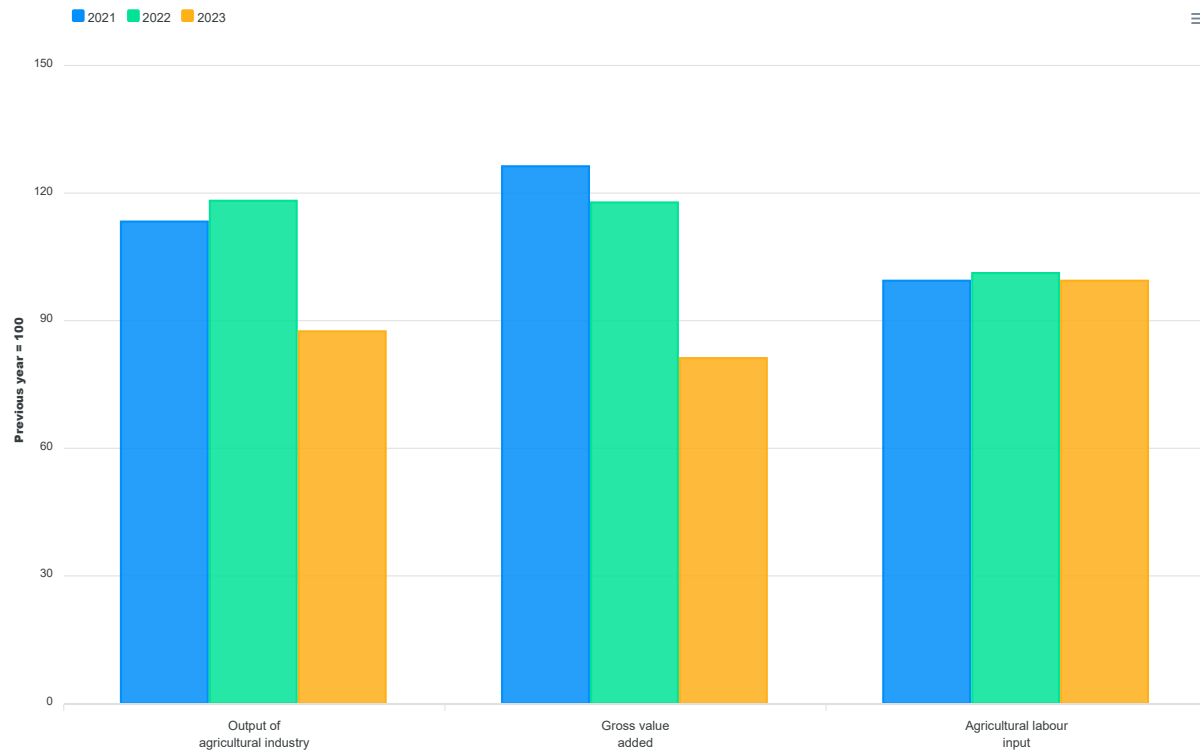
|                                 | 2022                          | 2023  |
|---------------------------------|-------------------------------|-------|
|                                 | Mln euro                      |       |
| Output of agricultural industry | 3 245                         | 2 840 |
| Total intermediate consumption  | 1 528                         | 1 445 |
| Gross value added               | 1 717                         | 1 395 |
| Consumption of fixed capital    | 312                           | 318   |
| Net value added                 | 1 405                         | 1 077 |
| Compensation of employees       | 177                           | 205   |
| Other subsidies on production   | 527                           | 655   |
| Factor income                   | 1 932                         | 1 731 |
| Operating surplus/Mixed income  | 1 754                         | 1 526 |
| Rents paid                      | 40                            | 40    |
| Interest paid                   | 26                            | 26    |
| Interest received               | 10                            | 10    |
| Entrepreneurial income          | 1 698                         | 1 469 |
|                                 | <b>Annual work unit, '000</b> |       |
| Agricultural labour input       | 173                           | 172   |

## 2 CHAIN INDICES OF PRODUCTION, GROSS VALUE ADDED AND AGRICULTURAL LABOUR INPUT

Previous year = 100

|                                 | 2021  | 2022  | 2023 |
|---------------------------------|-------|-------|------|
| Output of agricultural industry | 113,3 | 118,2 | 87,5 |
| Gross value added               | 126,3 | 117,8 | 81,2 |
| Agricultural labour input       | 99,4  | 101,2 | 99,4 |

## G-1 CHAIN INDICES OF PRODUCTION, GROSS VALUE ADDED AND LABOUR INPUT IN AGRICULTURE, 2021 – 2023



## NOTES ON METHODOLOGY

### Sources and methods of data collection

Economic accounts for agriculture for the Republic of Croatia are based on the survey data of the Croatian Bureau of Statistics and administrative data from the Ministry of Agriculture, Forestry and Fisheries and the Paying Agency for Agriculture, Fisheries and Rural Development.

The non-additivity of the sum of individual components of the indicators is the result of applying the method of calculation and rounding of the detailed structure of categories and subcategories.

### Coverage

Economic accounts in agriculture cover the whole agricultural production (by both private family farms and legal entities).

### Definitions

**Agricultural production** equals the sum value of outputs of crops, animals, animal products, agricultural services and the value of inseparable non-agricultural secondary activities. The accounting period is a calendar year.

The agricultural production is valued at basic prices, which means that all subsidies on products and services are included and all taxes on products and services are excluded.

**Intermediate consumption** is the value of inputs used for agricultural production. It is valued at purchase prices.

**Gross value added** at basic prices equals the agricultural production at basic prices less intermediate consumption at purchase prices.

**Consumption of fixed capital** is the decrease in the value of fixed capital goods as a result of their normal wear and tear during its production process.

**Net value added at basic prices** equals agricultural production at basic prices less fixed capital consumption.

**Compensations of employees** are defined as the total remuneration in cash or in kind paid by the employer to the employee in return for the work done during the accounting period.

**Other subsidies on production** consist of subsidies other than subsidies on products, which manufacturing units can be supplied with on the basis of agricultural production.

**Factor income** equals net value added less taxes on production plus other subsidies on production.

**Net operating surplus/mixed income** equals factor income less compensations of employees.

**Rents paid** correspond to payments made to the owner of the tangible assets in exchange for the transfer of assets using by another unit. In the economic accounts for agriculture, this item corresponds mainly to land rents that leaseholders pay to landowners.

**Interests** are made of expenses payable on the loan for capital investments. In the Economic Accounts for Agriculture, interest is the counterpart of loans that have been approved for the purposes of Agricultural holdings (e.g. for the purchase of land, buildings, machinery, vehicles or other equipment).

**Net entrepreneurial income** equals net operating surplus/net mixed income less paid rents and interest plus received interest that refers exclusively to agricultural production.

**Agricultural labour input** comprises all persons and employees, who work as salaried or non-salaried labour force on typical agricultural jobs in agricultural industry. It is measured by annual work units. The annual work unit is a quotient of a total number of working hours done in the agricultural activity during a year and an average number of working hours, which amounts to 1 800 hours per annum for paid work.

**Abbreviations**

mln            million  
'000           thousand

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