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ECONOMIC ACCOUNTS FOR AGRICULTURE, FOR REPUBLIC OF CROATIA, HR_NUTS 2021 – HR NUTS 2, 2021

The output value of agricultural industry in 2021 increased by a total of 13.3% compared to 2020, namely in Pannonian Croatia by 14.7%, in Adriatic Croatia by 1.6%, in North Croatia by 17.2%, and in the City of Zagreb by 4.1%.

The presented change rates in 2021 compared to 2020 show an increase in basic production costs (intermediate consumption) of 1.4% in Pannonian Croatia, 1.3% in the City of Zagreb, 1.7% in North Croatia, and 1.5% in Adriatic Croatia.

Crop output in 2021 increased by 12.9% compared to 2020, namely in Pannonian Croatia by 14.8%, in North Croatia by 16.8%, in Adriatic Croatia by 0.8%, whereas the City of Zagreb recorded a decrease of 4.3%.

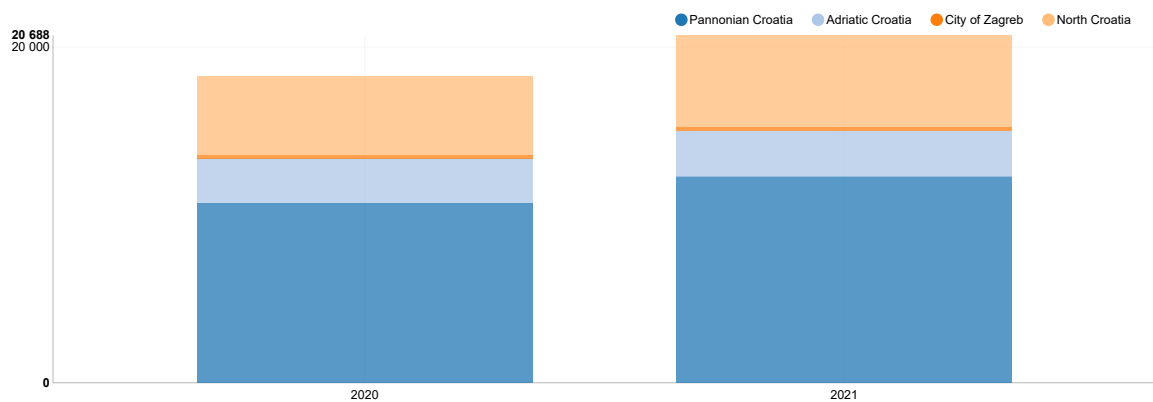
Animal output in 2021 recorded growth of 16.2%, namely in Pannonian Croatia of 16.8%, in North Croatia of 19.3%, while in Adriatic Croatia it increased by 3.8%, and in the City of Zagreb by 18.3%.

Gross value added in 2021 increased by 26.3%, namely in Pannonian Croatia by 25.5%, in North Croatia by 34.1%, in the City of Zagreb by 10.1%, and in Adriatic Croatia by 2.3%.

1 OUTPUT VALUE OF AGRICULTURAL INDUSTRY, ACCORDING TO HR NUTS 2021. – HR NUTS 2

	2020	2021	Change rate 2021/2020
	Mln kuna		%
Output of agricultural industry			
Republic of Croatia	18 259	20 688	13,3
Pannonian Croatia	10 694	12 269	14,7
Adriatic Croatia	2 666	2 709	1,6
City of Zagreb	227	236	4,1
North Croatia	4 672	5 474	17,2
Crop output			
Republic of Croatia	10 811	12 201	12,9
Pannonian Croatia	6 770	7 770	14,8
Adriatic Croatia	1 618	1 630	0,8
City of Zagreb	136	130	-4,3
North Croatia	2 287	2 671	16,8
Animal output			
Republic of Croatia	6 278	7 293	16,2
Pannonian Croatia	3 292	3 846	16,8
Adriatic Croatia	776	806	3,8
City of Zagreb	80	95	18,3
North Croatia	2 130	2 546	19,5
Output of agricultural services and inseparable non-agricultural secondary activities			
Republic of Croatia	1 170	1 194	2,0
Pannonian Croatia	633	653	3,1
Adriatic Croatia	272	273	0,4
City of Zagreb	10	11	4,4
North Croatia	255	257	1,0

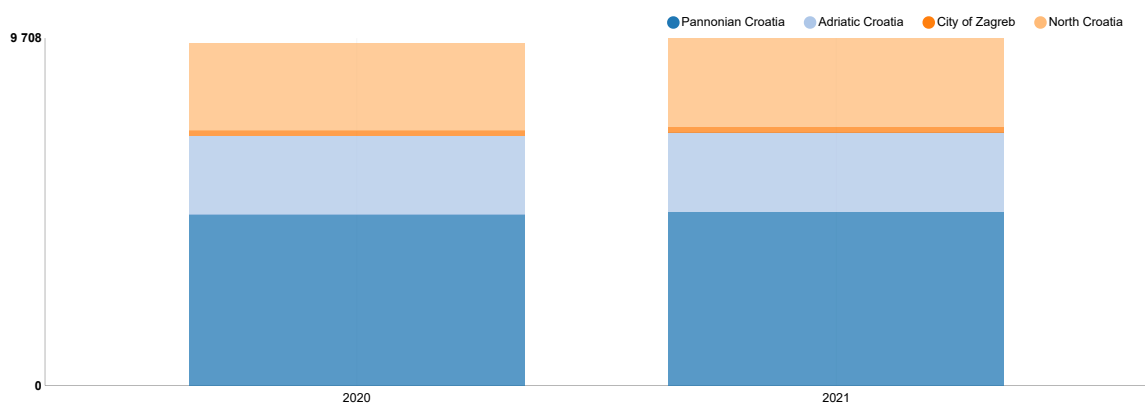
G-1 OUTPUT OF AGRICULTURAL INDUSTRY, ACCORDING TO HR_NUTS 2021. – HR NUTS 2



2 INTERMEDIATE CONSUMPTION AND GROSS VALUE ADDED, ACCORDING TO HR NUTS 2021. – HR NUTS 2

	2020	2021	Change rate 2021/2020
	Mln kuna		%
Intermediate consumption			
Republic of Croatia	9 565	9 709	1,5
Pannonian Croatia	4 784	4 853	1,4
Adriatic Croatia	2 184	2 216	1,5
City of Zagreb	155	157	1,3
North Croatia	2 442	2 482	1,7
Gross value added			
Republic of Croatia	8 694	10 979	26,3
Pannonian Croatia	5 910	7 416	25,5
Adriatic Croatia	482	493	2,3
City of Zagreb	72	79	10,1
North Croatia	2 230	2 991	34,1

G-2 VALUE OF INTERMEDIATE CONSUMPTION, ACCORDING TO HR_NUTS 2021. – HR NUTS 2



NOTES ON METHODOLOGY

Sources and methods of data collection

The economic accounts for agriculture according to HR_NUTS 2021. – HR NUTS 2 for the Republic of Croatia have been calculated on the basis of the survey data of the Croatian Bureau of Statistics as well as the administrative data of the Agricultural Extension Service and the Paying Agency for Agriculture, Fisheries and Rural Development.

The calculation methodology for economic accounts for agriculture according to HR_NUTS 2021. – HR NUTS 2 uses a combination of the top-down method for the quantitative indicators (intermediate consumption) and the bottom-up method (output, investments, all kinds of subsidies and labour force) using prices at the level of the Republic of Croatia per each calculation indicator.

The accounting period is one calendar year.

Since 2022, the data have been published for four regions.

The output of the agricultural industry 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.

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

Coverage

The economic accounts for agriculture according to HR_NUTS 2021. – HR NUTS 2 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 industry. It is valued at purchase prices.

Gross value added at basic prices equals the output of agricultural industry at basic prices less the 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 work done during the accounting period.

Other subsidies on production consist of subsidies other than subsidies on products, which manufacturing units can obtain 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 leaseholder pay to land owners.

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
HR_NUTS 2021. – HR NUTS 2	National Classification of Territorial Units for Statistics

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, Director of Macroeconomic Statistics Directorate

Lidija Brković, Director General

Prepared by:

Matej Pejčković and Viktor Štimac

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Customer Relations and Data Protection Department

Information and user requests

Phone: (+385 1) 48 06 138, 48 06 154

E-mail: stat.info@dzs.hr

Subscription

Phone: (+385 1) 48 06 115

E-mail: prodaja@dzs.hr