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AREAS AND PRODUCTION OF CEREALS AND OTHER CROPS, 2023

Provisional Data

Data on the actual production of cereals and other crops in 2023 are published according to provisional data.

Increased production of grain maize

It is estimated that the production of grain maize in Croatia in 2023 increased by 20.2%, as compared to the previous year. Furthermore, the estimated production of silage maize also increased, by 24.3%, of lucerne, by 9.9%, of potatoes, by 9.7%, and of soya-beans, by 4.1%, as compared to the production realised in the previous year.

Decreased production of wheat

It is estimated that the production of wheat decreased by 14.2%, of oats by 29.2%, of rapeseed by 25.9%, of sugar beets by 12.6% and of barley by 10.1%, as compared to the production realised in the previous year.

Final data will be available in the [Database](#) on 16 May 2024.

1 AREA AND PRODUCTION OF CEREALS AND OTHER CROPS, 2023 – provisional data

	Actual production						Indices of actual production 2023 2022
	Area, '000 ha	Yield per hectare, t	Total, '000 t	Area, '000 ha	Yield per hectare, t	Total, '000 t	
	2022 ¹⁾			2023			
Wheat – total ²⁾	158	6,0	948	170	4,8	813	85,8
Barley ³⁾	63	5,0	318	71	4,0	286	89,9
Oats	16	3,0	48	13	2,6	34	70,8
Maize, total ⁴⁾	268	6,1	1 642	266	7,4	1 974	120,2
Potatoes (early, late and seed potatoes)	7	14,0	103	6	17,9	113	109,7
Rapeseed	22	2,6	58	15	2,8	43	74,1
Soya-beans ⁵⁾	91	2,1	195	71	2,8	203	104,1
Sunflowers	51	3,0	153	58	2,6	153	100,0
Sugar beets	9	64,4	572	8	62,5	500	87,4
Lucerne, hay	27	6,7	182	27	7,5	200	109,9
Silage maize ⁶⁾	29	26,7	766	27	35,3	952	124,3

1) Final data.

2) Soft and hard wheat (winter, spring and seed).

3) Winter barley and spring barley.

4) Including mercantile and seed maize.

5) Including mercantile, seed soya and soya-beans for fodder.

6) Including main and subsequent crop of silage maize.

NOTES ON METHODOLOGY

The Croatian Bureau of Statistics conducted surveys on crops statistics on the basis of the Official Statistics Act (NN, No. 25/20), the Regulation (EC) No. 543/2009 of the European Parliament and of the Council of 18 June 2009 concerning crop statistics and Commission Delegated Regulation (EU) No. 1557/2015 of 13 July 2015 amending Regulation (EC) No. 543/2009 concerning crop statistics of 18 June 2009.

Sources and methods of data collection

The data on harvested areas and production of crops are collected through the Report on Annual Survey on Crop and Livestock Production (PO-71 form). Data on harvested areas of crops are presented in hectares, while total yield and yield per hectare are presented in tonnes.

These data are collected separately for legal entities and parts thereof, and for private family farms. Data on business entities are collected in two ways: by using the reporting method on an appropriate form or via a web-based application.

Data for private family farms have been collected by using the interview method applied to a selected sample. The sample for private family farms was selected from the Statistical Register of Agricultural Holdings.

The sample size was conditioned by the financial means allocated from the 2023 State Budget of the Republic of Croatia and the share of private family farms by statistical regions. The sample consisted of about 17 000 private family farms.

All expanded data were compared to data from previous years and available administrative sources (databases and registers of the Paying Agency for Agriculture, Fisheries and Rural Development and other relevant sources). On the basis of all available data, corrections were done if necessary.

Coverage and comparability

Reporting units are business entities and parts thereof defined in section A Agriculture, forestry and fishing according to the NKD 2007 as well as other business entities and parts thereof engaged in agricultural production but classified in other activities.

Reporting units are also private family farms engaged in agricultural production.

Definitions

Harvested areas are areas on which crops and yields have been harvested.

Actual production is a production obtained after the harvest by deduction of all losses before the harvest and during the transport and combine-harvesting etc.

Since the moisture of cereals may vary due to different weather conditions, the actual yield is presented as yield of an average moisture, that is, the yield of grains with 13% of moisture, except for grain maize, which is presented as containing 14% of moisture.

Abbreviations

EC	European Community
EU	European Union
ha	hectare
NKD 2007	National Classification of Activities, 2007 version
NN	Narodne novine, official gazette of the Republic of Croatia
t	tonne
'000	thousand

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