

First Release

Year: LX.

Zagreb, 29 March 2024

POLJ-2023-2-7

ISSN 1334-0557



PRODUCTION OF VEGETABLES, FRUITS AND GRAPES, 2023 – Provisional Data

Increased production of apples

In the group of vegetables, fruits and grapes, the production of apples increased the most in 2023 compared to 2022, by 18 718 tonnes.

The production of other fruits also increased: mandarins, by 1 482 tonnes, and hazelnuts, by 416 tonnes, as well as the production of other vegetables: cabbage, white and red, by 3 681 tonnes, onions and garlic, by 3 159 tonnes, watermelons, by 2 158 tonnes, melons, by 1 903 tonnes, lettuce, by 916 tonnes, cauliflower and broccoli, by 808 tonnes, green beans, by 763 tonnes, beetroots, by 753 tonnes, and green peas, by 748 tonnes.

Decreased production of plums

The production of plums decreased in 2023 by 4 722 tonnes, as compared to 2022.

The production of other fruits also decreased: sour cherries, by 1 749 tonnes, pears, by 1 398 tonnes, peaches and nectarines, by 962 tonnes, strawberries, by 823 tonnes, sweet cherries, by 790 tonnes, walnuts, by 743 tonnes, apricots, by 404 tonnes, and figs, by 134 tonnes, as well as the production of other vegetables: tomatoes, by 5 162 tonnes, cucumbers and gherkins, by 4 739 tonnes, carrots, by 2 209 tonnes, red peppers, capsicum, by 720 tonnes, and leeks, by 424 tonnes.

The final data will be available on 16 May 2024 on the website of the Croatian Bureau of Statistics in the [Database](#).

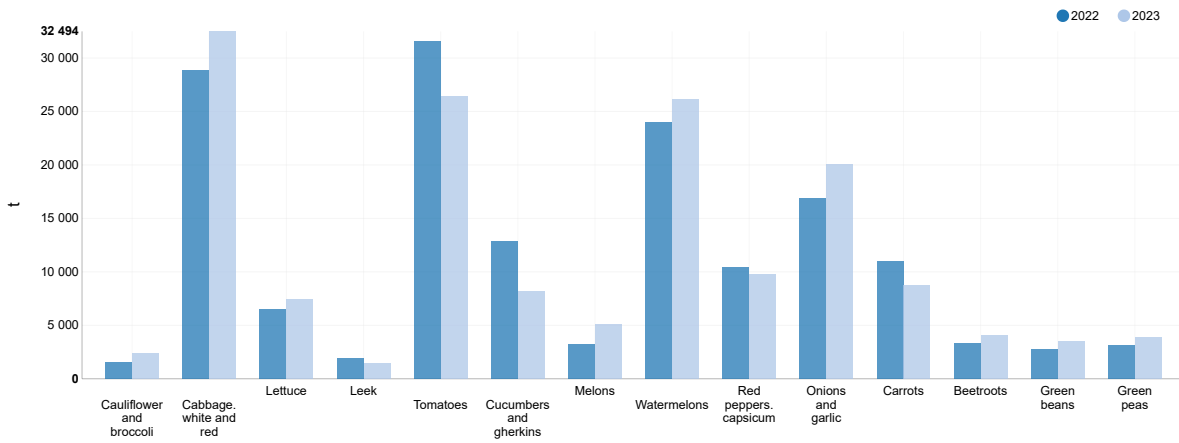
1 TOTAL PRODUCTION OF VEGETABLES, 2023

	Code ²⁾	Production, t						Total production indices 2023 2022
		2022 ¹⁾			2023			
		Total	For market	In kitchen gardens (mainly for own consumption)	Total	For market	In kitchen gardens (mainly for own consumption)	
Cauliflower and broccoli	V1100	1 543	1 258	285	2 351	2 142	209	152,4
Cabbage, white and red	V1300	28 813	25 849	2 964	32 494	28 774	3 720	112,8
Lettuce	V2300	6 479	5 007	1 472	7 395	5 279	2 116	114,1
Leek	V2100	1 876	1 750	126	1 452	1 326	126	77,4
Tomatoes	V3100	31 583	25 843	5 740	26 421	21 911	4 510	83,7
Cucumbers and gherkins	V3200 + V3300	12 906	11 370	1 536	8 167	7 015	1 152	63,3
Melons	V3510	3 216	3 151	65	5 119	5 004	115	159,2
Watermelons	V3520	23 984	23 819	165	26 142	26 017	125	109,0
Red peppers, capsicum	V3600	10 451	7 910	2 541	9 731	7 795	1 936	93,1
Onions and garlic	V4210 + V4600	16 902	13 457	3 445	20 061	16 463	3 598	118,7
Carrots	V4100	10 953	10 018	935	8 744	7 912	832	79,8
Beetroots	V4300	3 306	2 526	780	4 059	3 435	624	122,8
Green beans	V5200	2 751	1 239	1 512	3 514	2 254	1 260	127,7
Green peas	V5100	3 142	2 701	441	3 890	3 204	686	123,8

1) Final data.

2) The code has been taken over from the Handbook of Annual Crop Statistics (Eurostat, 2023).

G-1 TOTAL PRODUCTION OF VEGETABLES, 2023



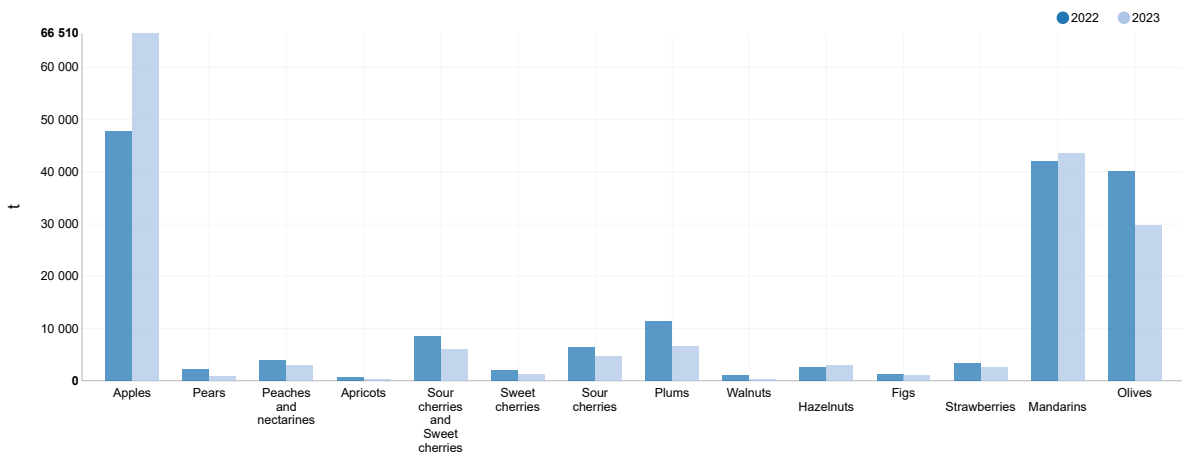
2 TOTAL PRODUCTION OF FRUITS AND OLIVES, 2023

	Code ²⁾	Production, t						Total production indices 2023/2022
		2022 ¹⁾			2023			
		Total	Intensive (for market)	In extensive orchards (mainly for own consumption)	Total	Intensive (for market)	In extensive orchards (mainly for own consumption)	
Apples	F1110	47 792	46 811	981	66 510	66 215	295	139,2
Pears	F1120	2 187	1 806	381	789	719	70	36,1
Peaches and nectarines	F1210_1220	3 946	3 813	133	2 984	2 958	26	75,6
Apricots	F1230	699	673	26	295	288	7	42,2
Cherries	F1240	8 509	8 177	332	5 970	5 870	100	70,2
Sweet cherries	F1242	2 042	1 799	243	1 252	1 164	88	61,3
Sour cherries	F1241	6 467	6 378	89	4 718	4 706	12	73,0
Plums	F1250	11 332	10 638	694	6 610	6 513	97	58,3
Walnuts	F4100	1 020	916	104	277	260	17	27,2
Hazelnuts	F4200	2 588	2 579	9	3 004	2 985	19	116,1
Figs	F2100	1 258	942	316	1 124	850	274	89,3
Strawberries	S0000	3 314	3 204	110	2 491	2 361	130	75,2
Mandarins	T2900	42 036	41 953	83	43 518	43 375	143	103,5
Olives	O1000	40 128	40 128	-	29 844	29 844	-	74,4

1) Final data.

2) The code has been taken over from the Handbook of Annual Crop Statistics (Eurostat, 2023).

G-2 TOTAL PRODUCTION OF FRUITS AND OLIVES, 2023



3 PRODUCTION OF GRAPES, 2023

	2022 ¹⁾	2023	Production indices 2023 2022
Grapes, total (W1000)			
Total production, t	117 504	94 683	80,6
Yield per vine, kg	1,3	1,0	76,9

1) Final data.

NOTES ON METHODOLOGY

The Croatian Bureau of Statistics conducted surveys on crop statistics on the basis of the Annual Implementation Plan of Statistical Activities of the Republic of Croatia (NN, No. 35/23) and 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) 2015/1557 of 13 July 2015 amending Regulation (EC) No. 543/2009 of the European Parliament and of the Council of 18 June 2009 concerning crop statistics.

Sources and methods of data collection

Data were collected via the following surveys:

1. Report on the Annual Survey on Crop and Livestock Production (PO-71 form)
2. Report on Yield of Citrus Fruits and Olives (PO-34 form).

These reports collect data on harvested areas of vegetables, fruits and grapes expressed in hectares, while the production and yield per hectare are expressed in tonnes.

These data were collected separately for business 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 were collected by interviewers using the personal interview method applied to a selected stratified 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 State Budget of the Republic of Croatia for 2023 and the share of private family farms by regions. The samples consisted of about 17 000 private family farms.

All expanded data were compared to data from previous years and available administrative sources (bases and registers from the Single Application at 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, for which interviewers collected data.

Definitions

Kitchen gardens are areas scheduled for growing of crops (mostly vegetables) that are intended for consumption by persons living in a household and that are mainly not intended for sale. Only occasional surplus of products grown on these areas is sold outside the household.

Intensive orchards are cultivated with a specific distance between the trees in which mechanised cultivation can be performed. As a rule, they are larger plantations of fruit trees (of 10 or more ares) or berries (excluding strawberries) intended for fruit growing for sale.

Extensive (traditional) orchards are country semi-intensive or extensive plantations of fruit trees of predominantly old sorts intended mostly for own consumption. Included are trees in (mixed) orchards as well as trees in yards, on boundary lines, by roads, etc.

The total **production** is a so-called stored production obtained after the harvest by deduction of all the losses before the harvest and during the transport and combine harvesting etc.

Abbreviations

kg	kilogram
NKD 2007	National Classification of Activities, 2007 version
NN	Narodne novine, official gazette of the Republic of Croatia
t	tonne

Symbols

-	no occurrence
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