



ECONOMIC ACCOUNTS FOR FORESTRY, 2024 and revised data for the period 2019 – 2023

The value of the total output of forestry at basic prices in the Republic of Croatia amounted to **0.7** billion euro in 2024, which represents an increase of **3.8%**, as compared to the previous year.

The gross value added amounted to 0.6 billion euro in 2024, which was an increase of 3.7%, as compared to the previous year.

The forestry labour input increased by 7.8% in the observed period.

The total value of wood sold increased in 2024, as compared to 2023, by **8.6%**, while the average prices increased by **6.5%**. The increase in the total value of wood sold in 2024, as compared to 2023, was caused by an increase in the value of coniferous wood of 14.4%.

Non-coniferous wood had a share of 89.9% in the total value of wood sold in 2024, while the share of coniferous wood was 10.1%. The average price of coniferous wood in 2024, as compared to 2023, decreased by 1.1%, while the price of non-coniferous wood increased by 7.9%.

The total value of services done in forestry, as compared to the same period of the previous year, increased by 32.8%.

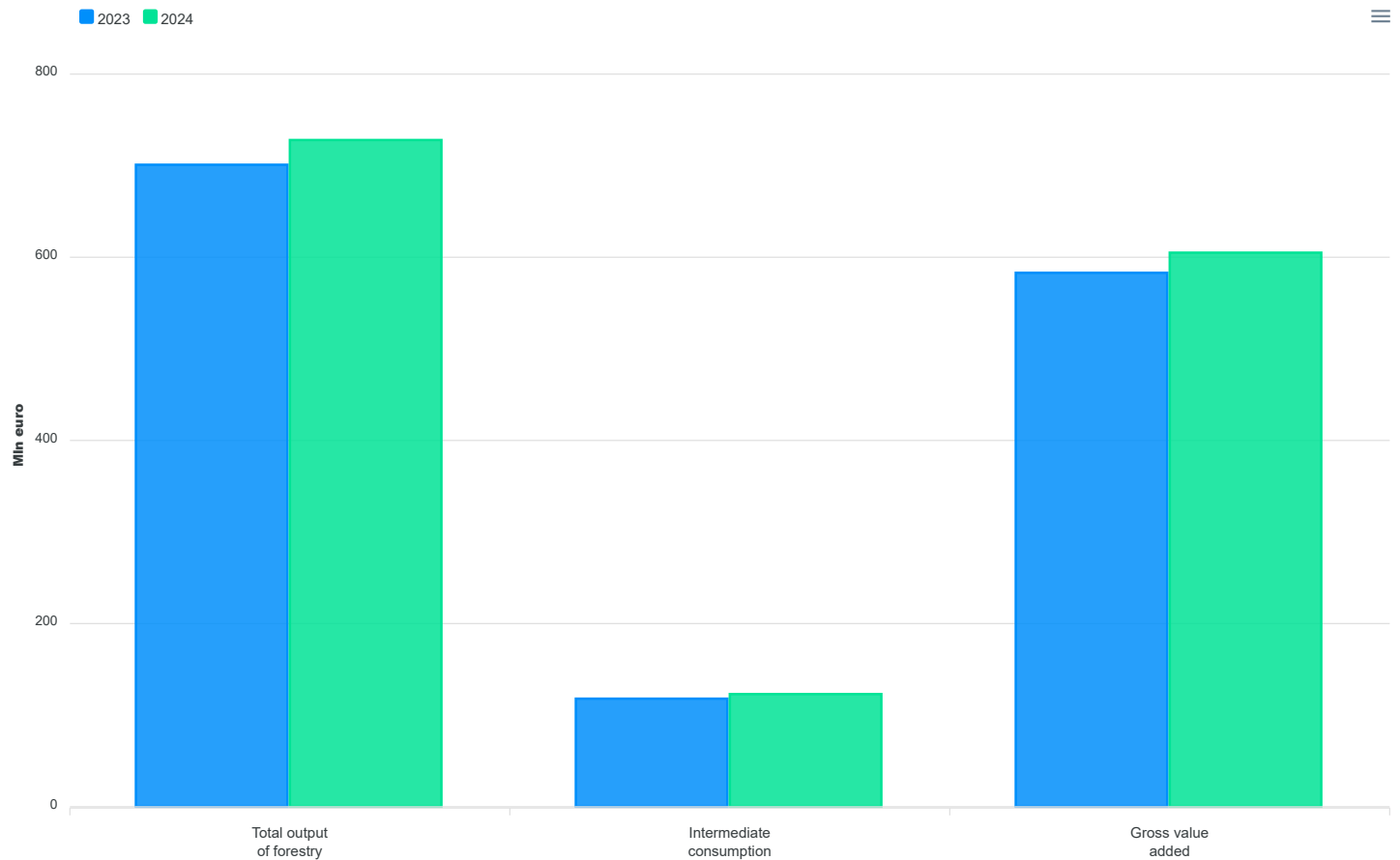
In 2024, as compared to 2023, the value of seeds and sowing material used in forestry increased by 57.4%, and the total value of forest protection agents also increased, by 2.5%. Expressed in euro, expenses for seeds and sowing material rose by about 5.0 million euro, and the expenses for forest protection agents by about 0.01 million euro.

The value of motor fuels consumed decreased in 2024 by 2.1%, as compared to 2023.

1 VALUE OF MAIN AGGREGATES OF ECONOMIC ACCOUNTS FOR FORESTRY

	2019	2020	2021	2022	2023	2024
Mln euro						
Total output of forestry	466	459	524	638	701	728
Intermediate consumption	126	106	114	125	118	123
Gross value added	340	353	410	513	583	605
Consumption of fixed capital	21	18	27	30	22	24
Net value added	320	335	383	483	561	581
Factor income	320	335	381	483	561	581
Compensation of employees	149	156	155	170	194	197
Operating surplus / mixed income	171	179	226	313	367	383
Annual work unit, '000						
Forestry labour input	14,1	14,5	14,5	17,8	19,2	20,7

G-1 TOTAL VALUE OF FORESTRY OUTPUT, INTERMEDIATE CONSUMPTION AND GROSS VALUE ADDED, 2023 – 2024



2 VALUE AND PRICES OF FORESTRY PRODUCTS SOLD

	2023		2024		Indices 2024 2023	
	Value, thousand euro	Average price, euro/m ³	Value, thousand euro	Average price, euro/m ³	Value	Average price
Total sale value	341 081	67,98	370 572	72,41	108,6	106,5
Coniferous	32 674	54,40	37 389	53,80	114,4	98,9
Non-coniferous	308 407	69,82	333 183	75,33	108,0	107,9
Fuel wood, including wood for charcoal	82 374	31,06	84 209	31,82	102,2	102,4
Coniferous	1 059	18,92	1 104	21,08	104,3	111,4
Non-coniferous	81 314	31,32	83 104	32,04	102,2	102,3
Industrial roundwood (wood in the rough)	258 707	109,37	286 363	115,87	110,7	105,9
Coniferous	31 615	58,05	36 284	56,46	114,8	97,3
Non-coniferous	227 093	124,72	250 079	136,75	110,1	109,6
Sawlogs and veneer logs	252 364	116,78	280 296	124,12	111,1	106,3
Coniferous	27 244	70,57	30 836	70,01	113,2	99,2
Non-coniferous	225 119	126,83	249 460	137,23	110,8	108,2
Pulpwood	4 859	27,82	5 680	27,07	116,9	97,3
Coniferous	4 122	26,51	5 317	26,52	129,0	100,1
Non-coniferous	737	38,43	362	38,60	49,1	100,5
Other industrial roundwood	1 485	49,84	388	115,78	26,1	232,3
Coniferous	249	80,52	131	76,15	52,6	94,6
Non-coniferous	1 236	46,29	257	157,51	20,8	340,2

3 VALUE OF SERVICES DONE IN FORESTRY

	Value of services, thousand euro		Indices 2024 2023
	2023	2024	
Total	81 798	108 649	132,8
Logging and drawing services	51 675	69 401	134,3
Arboriculture services	14 537	17 052	117,3
Services of maintenance and repairs in forestry	10 545	9 734	92,3
Other production services	5 041	12 462	247,2

4 VALUE OF SEEDS AND SOWING MATERIAL USED

	Value of seeds and sowing material used, thousand euro		Indices 2024 2023
	2023	2024	
Total	8 681	13 663	157,4
Seed	3 951	8 500	215,1
Seedlings and rhizomes	4 730	5 163	109,2

5 VALUE OF FOREST PROTECTION AGENTS USED

	Value of forest protection agents used, thousand euro		Indices 2024 2023
	2023	2024	
Total	367	376	102,5
Fungicides	209	189	90,5
Insecticides	28	15	54,2
Herbicides	93	107	115,1
Other agents	37	65	174,1

6 VALUE OF CONSUMED ENERGY AND FUEL

	Value of consumed energy and fuel, thousand euro		Indices 2024 2023
	2023	2024	
Electricity	846	1 206	142,6
Fuel for heating (gas)	623	449	72,1
Motor fuel	12 413	12 154	97,9
Petrol	626	569	90,9
Diesel	11 787	11 585	98,3

NOTES ON METHODOLOGY

Source and methods of data collection

Economic accounts for forestry for the Republic of Croatia are based on survey data of the Croatian Bureau of Statistics and administrative data from the Ministry of Agriculture, Forestry and Fisheries as well as from the state enterprise Hrvatske šume d. o. o.

The non-additivity of the sum of 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

Economic accounts for forestry cover the whole forestry activity. The coverage includes data of legal entities and parts thereof classified into activities defined in section A Agriculture, forestry and fishing, division 02 Forestry and logging, as well as of legal entities classified into other activities but engaged in the forestry, logging and related service activities according to NKD 2025.

Revised data for the period 2019 – 2023

The reason for implementing the data revision is to improve the methodology and expand the coverage of calculations, thus achieving greater precision and comparability of results.

In accordance with Eurostat's recommendation, the data for the period 2019 – 2023 have been revised.

The revision is based on the application of updated methodological guidelines and the inclusion of additional data sources and more detailed calculations, thus achieving better compliance with European standards and a higher level of quality of statistical indicators.

Definitions

Total output of forestry equals the sum value of forestry goods output, forestry services output and the value of inseparable non-forestry secondary activities. The accounting period is a calendar year.

It is valued at **basic prices**, which means that all subsidies on products and services are included, while all taxes on products and services are excluded.

Intermediate consumption is the value of inputs (products and services) used for forestry production. It is presented at purchase prices.

Gross value added at basic prices equals the total output of forestry at basic prices less intermediate consumption at purchase prices.

Consumption of fixed capital is the value of depreciation of fixed capital goods as a result of normal wear and tear.

Net value added at basic prices equals the gross value added at basic prices less fixed capital consumption.

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

Compensation of employees is defined as the total remuneration, in cash or in kind, during the period of one year.

Net operating surplus / mixed income equals the factor income less the compensation of employees.

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

Inseparable non-forestry secondary activities include intangible assets (software) and hunting.

Abbreviations

mln	million
m ³	cubic metre
NKD 2025	National Classification of Activities, 2025 version
'000	thousand

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