

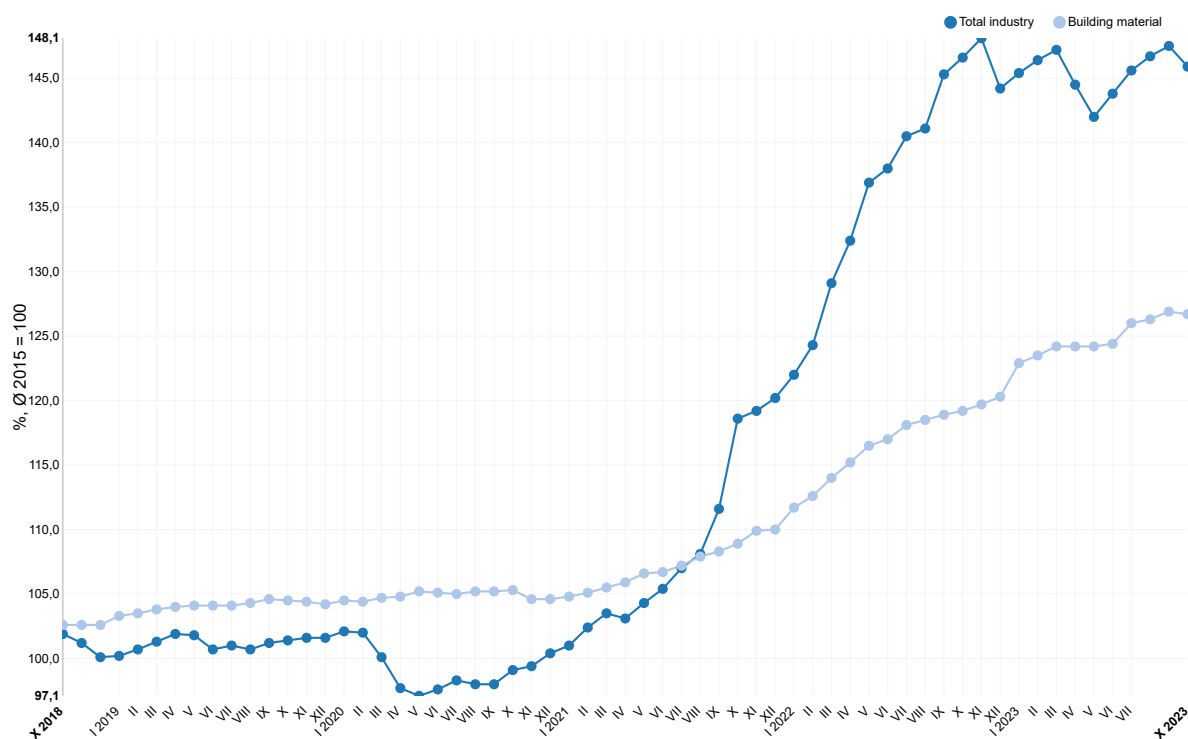


## PRODUCER BUILDING MATERIAL PRICE INDEX, OCTOBER 2023

Producer prices of building material on the domestic market decreased by 0.1% in October 2023 as compared to September 2023, and increased by 6.3% as compared to October 2022.

Comparison of producer prices of building material on the domestic market shows that they increased by 26.7% in October 2023 as compared to the 2015 average.

### G-1 PRODUCER BUILDING MATERIAL PRICE INDICES ON DOMESTIC MARKET, OCTOBER 2018 – OCTOBER 2023<sup>1)</sup>



1) Presented in comparison with the industrial producer price indices on the domestic market published in the First Release IND-2023-1-1/10 of 8 November 2023.

For a better understanding of the use of these indices, the notes on methodology describe how the producer building material price indices are calculated.

# 1 MONTHLY BUILDING MATERIAL PRODUCER PRICE INDICES ON DOMESTIC MARKET, 2017 – 2023

|  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  |
|--|-------|-------|-------|-------|-------|-------|-------|
| <b>2015 = 100</b>                        |       |       |       |       |       |       |       |
| I  | 100,4 | 102,0 | 103,3 | 104,5 | 104,8 | 111,7 | 122,9 |
| II                                       | 100,1 | 102,1 | 103,5 | 104,4 | 105,1 | 112,6 | 123,5 |
| III                                      | 100,2 | 102,2 | 103,8 | 104,7 | 105,5 | 114,0 | 124,2 |
| IV                                       | 100,6 | 102,3 | 104,0 | 104,8 | 105,9 | 115,2 | 124,2 |
| V  | 100,7 | 102,3 | 104,1 | 105,2 | 106,6 | 116,5 | 124,2 |
| VI                                       | 100,7 | 102,1 | 104,1 | 105,1 | 106,7 | 117,0 | 124,4 |
| VII                                      | 100,8 | 102,3 | 104,1 | 105,0 | 107,2 | 118,1 | 126,0 |
| VIII                                     | 101,1 | 102,2 | 104,3 | 105,2 | 107,9 | 118,5 | 126,3 |
| IX                                       | 101,7 | 102,8 | 104,6 | 105,2 | 108,3 | 118,9 | 126,9 |
| X  | 101,7 | 102,6 | 104,5 | 105,3 | 108,9 | 119,2 | 126,7 |
| XI                                       | 101,7 | 102,6 | 104,4 | 104,6 | 109,9 | 119,7 |       |
| XII                                      | 102,0 | 102,6 | 104,2 | 104,6 | 110,0 | 120,3 |       |
| <b>Previous month = 100</b>              |       |       |       |       |       |       |       |
| I  | 100,3 | 100,0 | 100,7 | 100,3 | 100,2 | 101,5 | 102,1 |
| II                                       | 99,7  | 100,1 | 100,2 | 99,9  | 100,3 | 100,8 | 100,5 |
| III                                      | 100,1 | 100,1 | 100,3 | 100,2 | 100,4 | 101,2 | 100,6 |
| IV                                       | 100,4 | 100,1 | 100,2 | 100,1 | 100,4 | 101,1 | 100,0 |
| V  | 100,1 | 100,0 | 100,1 | 100,4 | 100,7 | 101,2 | 100,0 |
| VI                                       | 100,0 | 99,9  | 100,0 | 99,9  | 100,1 | 100,5 | 100,2 |
| VII                                      | 100,1 | 100,2 | 100,0 | 99,9  | 100,5 | 101,0 | 101,3 |
| VIII                                     | 100,3 | 100,0 | 100,2 | 100,2 | 100,7 | 100,4 | 100,2 |
| IX                                       | 100,6 | 100,6 | 100,3 | 100,0 | 100,4 | 100,3 | 100,5 |
| X  | 100,0 | 99,8  | 99,9  | 100,1 | 100,6 | 100,2 | 99,9  |
| XI                                       | 100,0 | 100,0 | 99,9  | 99,4  | 100,9 | 100,4 |       |
| XII                                      | 100,3 | 100,0 | 99,8  | 100,0 | 100,1 | 100,5 |       |
| <b>Same month of previous year = 100</b> |       |       |       |       |       |       |       |
| I  | 100,1 | 101,6 | 101,3 | 101,1 | 100,2 | 106,6 | 110,2 |
| II                                       | 100,3 | 101,8 | 101,4 | 100,9 | 100,5 | 107,2 | 109,8 |
| III                                      | 100,5 | 101,9 | 101,6 | 100,8 | 100,6 | 108,1 | 109,0 |
| IV                                       | 101,0 | 101,5 | 101,7 | 100,6 | 101,0 | 108,9 | 107,8 |
| V  | 101,2 | 101,5 | 101,8 | 100,9 | 101,3 | 109,4 | 106,6 |
| VI                                       | 101,3 | 101,4 | 101,9 | 100,9 | 101,5 | 109,7 | 106,3 |
| VII                                      | 101,2 | 101,4 | 101,7 | 100,8 | 102,1 | 110,3 | 106,7 |
| VIII                                     | 101,4 | 101,1 | 101,9 | 100,8 | 102,6 | 109,9 | 106,5 |
| IX                                       | 101,7 | 101,1 | 101,6 | 100,5 | 103,0 | 109,9 | 106,7 |
| X  | 101,8 | 100,9 | 101,8 | 100,6 | 103,5 | 109,5 | 106,3 |
| XI                                       | 101,7 | 100,9 | 101,6 | 100,1 | 105,1 | 109,0 |       |
| XII                                      | 101,9 | 100,6 | 101,5 | 100,3 | 105,2 | 109,5 |       |

## 2 ANNUAL CHAIN PRICE INDICES FOR BUILDING MATERIAL, 1980 – 2022

|         | Indices |  |         | Indices |
|---------|---------|--|---------|---------|
| 1980/79 | 118,7   |  | 2002/01 | 100,7   |
| 1981/80 | 158,1   |  | 2003/02 | 102,1   |
| 1982/81 | 117,5   |  | 2004/03 | 104,7   |
| 1983/82 | 127,5   |  | 2005/04 | 100,3   |
| 1984/83 | 153,5   |  | 2006/05 | 102,9   |
| 1985/84 | 220,7   |  | 2007/06 | 105,8   |
| 1986/85 | 163,6   |  | 2008/07 | 110,6   |
| 1987/86 | 187,6   |  | 2009/08 | 98,2    |
| 1988/87 | 307,1   |  | 2010/09 | 101,2   |
| 1989/88 | 1 549,9 |  | 2011/10 | 100,3   |
| 1990/89 | 626,3   |  | 2012/11 | 100,6   |
| 1991/90 | 231,4   |  | 2013/12 | 100,8   |
| 1992/91 | 930,5   |  | 2014/13 | 99,9    |
| 1993/92 | 2 037,3 |  | 2015/14 | 99,4    |
| 1994/93 | 180,2   |  | 2016/15 | 99,8    |
| 1995/94 | 100,2   |  | 2017/16 | 101,2   |
| 1996/95 | 99,9    |  | 2018/17 | 101,4   |
| 1997/96 | 99,8    |  | 2019/18 | 101,7   |
| 1998/97 | 97,9    |  | 2020/19 | 100,7   |
| 1999/98 | 102,0   |  | 2021/20 | 102,2   |
| 2000/99 | 104,9   |  | 2022/21 | 109,0   |
| 2001/00 | 99,6    |  |         |         |

## NOTES ON METHODOLOGY

### Introduction

All indices are presented in gross (unadjusted) form. They were calculated on the basis of data collected through the Monthly Survey on Industrial Producer Prices (IND-3/KPS/M form) for 2023, which is used for the calculation of the total industrial producer price index and of its two sub-indices – the industrial price index on the domestic market and on the non-domestic market.

The producer building material price index on the domestic market is a subset of the industrial producer price indices on the domestic market issued in the First Release IND-2023-1-1 for 2023. That is why all concepts and definitions are completely harmonised with those used for the industrial producer price index on the domestic market.

### Purpose of indicators

The producer building material price index on the domestic market is an important short-term indicator of a business cycle that shows monthly changes in the producer prices of building material on the domestic market. According to the EU concept, this indicator may indicate inflationary changes before it reaches a consumer.

Producer building material price index on the domestic market measures the changes of the producer prices of building material produced and sold by producers on the domestic (Croatian) market.

The building material price index does not represent the price index of the total construction works, because it does not include the prices of equipment, machinery, labour and other elements from the price structure of construction works.

### Scope and coverage

The reporting units included in the IND-3/KPS/M survey are selected enterprises and parts thereof (legal entities and tradesmen) that produce selected products as defined in the Nomenclature of Industrial Products (NIP 2021), classified in the NKD 2007 (NN, Nos 58/07 and 72/07) activity sections B Mining and quarrying, C Manufacturing, D Electricity, gas, steam and air conditioning supply and E Water supply; sewerage, waste management and remediation activities (only division 36).

In order to collect the data on the industrial producer prices on the domestic and non-domestic market, the IND-3/KPS/M survey for 2023 covers a representative sample of industrial products at the level of covered activity classes of the NKD 2007, that is, all products the sale of which generated more than 20 million kuna on the domestic market and 15 million kuna on the non-domestic market according to the results of the PRODCOM Survey on Industrial Production (IND-21/PRODCOM/G form) for 2021, while the selection of enterprises has been done according to their share in the production of selected products, separately for the domestic and non-domestic market.

### Selection of price representatives for building material

The producer price index of the building material on the domestic market is calculated on the basis of a special list of products and clearly defined items – representatives for the building material within the selected industrial products and items used in the collection of the industrial producer prices on the domestic market.

For the purpose of monitoring the industrial producer prices on the domestic market, the sample for the IND-3/KPS/M Survey for 2023 covers 1 839 item prices within the selected NIP 2021 products in 1 107 enterprises (legal entities and tradesmen). For the **producer building material prices** in 2023, a subset of 288 representative item prices within the selected 22 activity classes of the NKD 2007 engaged in the production of the building material was created.

The reporting units of the IND-3/KPS/M Survey submit data on the producer prices of sold/ordered building material on the domestic market, that is, in the Republic of Croatia, on a monthly basis. The building material that was not sold/ordered on the domestic market or that was not manufactured in the Republic of Croatia is not included in the calculation of the producer building material price index.

### Reference point

The producer prices of the building material in the IND-3/KPS/M Survey are recorded as transaction prices in effect on the 15<sup>th</sup> day of the month indicated. The prices at which a producer sells the self-produced building material on the domestic market to regular buyers on the domestic market are recorded.

## Definition of producer prices

Producer prices are prices at which a producer sells the products (building material) to regular buyers on the domestic market in the largest quantities, loaded free on rail (truck) at a factory gate at a location of a producer, or the prices charged to another company by a producer.

## Calculation method and weights

The producer building material price index is calculated on the basis of the selected producer prices of industrial products for construction (the list of representative items) defined according to the NIP 2021 within selected industrial activity classes of the NKD 2007 for the purposes of the indicator calculated.

The building material price index calculation, according to the coverage criteria, includes 22 industrial activity classes of the NKD 2007 and 288 representative, clearly specified items of the building material within the selected NIP 2021 products for construction purposes.

This index is calculated by using the weighting method in which the weights were calculated on the basis of the structure of the total sales of selected products (the share of individual products) on the domestic market, according to the PRODCOM Survey on Industrial Production (IND-21/PRODCOM/G form) results. In 2023, a new structure was calculated according to the PRODCOM Survey results for 2021.

## Special notice

Additional information is available in the notes on methodology in the First Release IND-2023-1-1 for 2023 – Industrial Producer Price Index, 2023 – in the part that refers to notes on the industrial producer price index on the domestic market. All concepts and definitions are in compliance with short-term statistics of the European Union.<sup>1)</sup>

1) The Regulation (EU) 2019/2152 of the European Parliament and of the Council of 27 November 2019 on European business statistics, repealing ten legal acts in the field of business statistics.

## Abbreviations

|          |   |
|----------|---|
| EU       | European Union  |
| NKD 2007 | National Classification of Activities, 2007 version         |
| NN       | Narodne novine, official gazette of the Republic of Croatia |
| PRODCOM  | PRODucts of the European COMmunity                          |

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