

## CONSTRUCTION PRODUCTION INDICES IN DECEMBER 2022<sup>1,2</sup>

In December 2022, the index of production in section ‘Construction’ was 1.6% below the level of the previous month (Table 1). The data are preliminary and seasonally adjusted<sup>3</sup>.

The calendar adjusted data<sup>4</sup> showed a decrease of 4.3% in construction production compared to the same month of 2021 (Table 3).

**Figure 1. Construction Production Indices (2015 = 100)**



<sup>1</sup> Data for December 2022 are preliminary.

<sup>2</sup> The monthly indices show the short-term changes in construction production between two comparable periods. This information can be used to analyse the current state of construction activity in the country, as well as a short-term forecast for its future development. The indices are calculated on the basis of information on hours worked in construction. The data are collected with a monthly sample survey that includes construction enterprises, which production exceeds 75% of the total production in construction. Construction Production Indices are calculated on the base 2015 = 100.

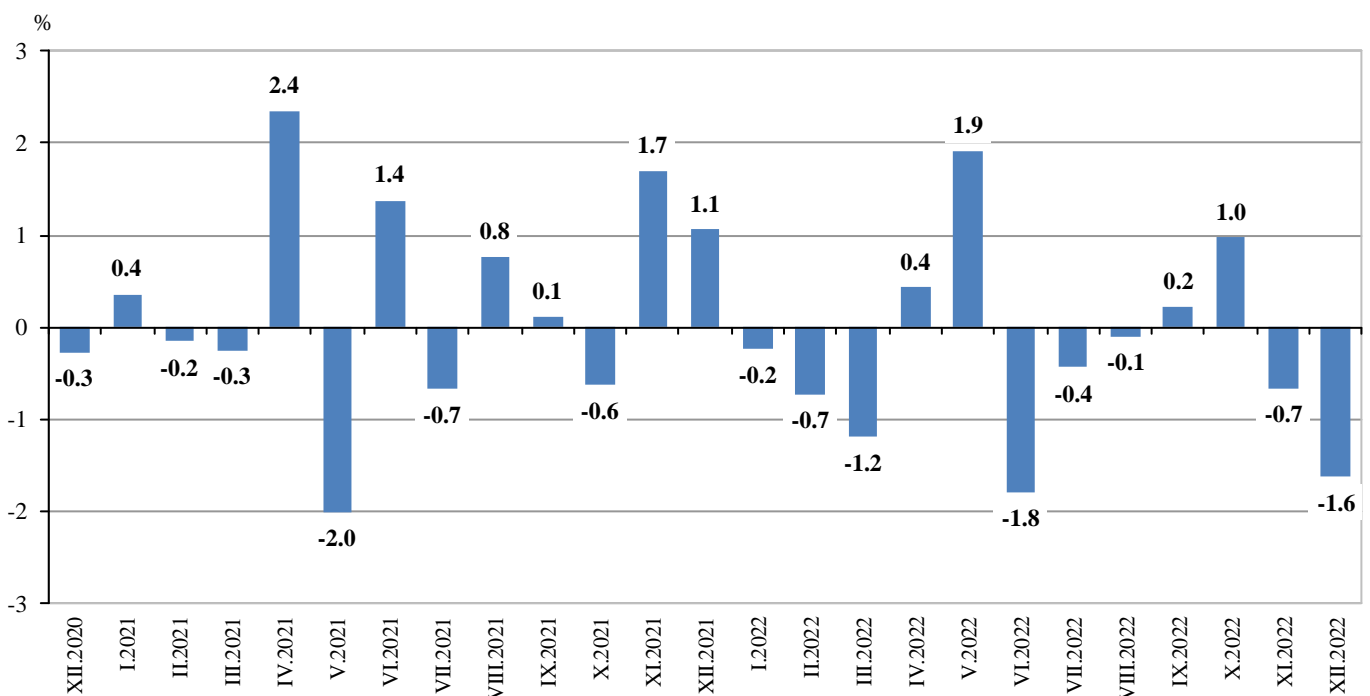
<sup>3</sup> Seasonal adjustment is a statistical method that eliminates the seasonal component of time series.

<sup>4</sup> Calendar adjustment is an adjustment for variations in monthly data, caused by calendar effects, the different number of calendar and working days in the months, national holidays and outliers (for example, the presence of more non-working days in May could contribute to the decline in the production in some activities).

## Monthly changes

In December 2022, the construction production index, calculated from the seasonally adjusted data, was below the previous month's level. The production index of civil engineering fell by 1.7% and the production of building construction - by 1.6% (Table 1).

**Figure 2. Changes of the Construction Production Indices compared to the previous month**  
(Seasonally adjusted, 2015 = 100)



### 1. Changes of the Construction Production Indices compared to the previous month<sup>1</sup>

(Per cent)

	2021	2022											
	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
<b>Construction - total</b>	1.1	-0.2	-0.7	-1.2	0.4	1.9	-1.8	-0.4	-0.1	0.2	1.0	-0.7	-1.6
Building construction	1.4	-0.2	-0.2	-1.4	0.3	1.7	-1.2	-0.3	-0.6	0.1	0.7	-1.5	-1.6
Civil engineering	0.6	-0.3	-1.5	-1.0	0.7	2.2	-2.5	-0.7	0.6	0.4	1.3	0.5	-1.7

<sup>1</sup> Seasonally adjusted.

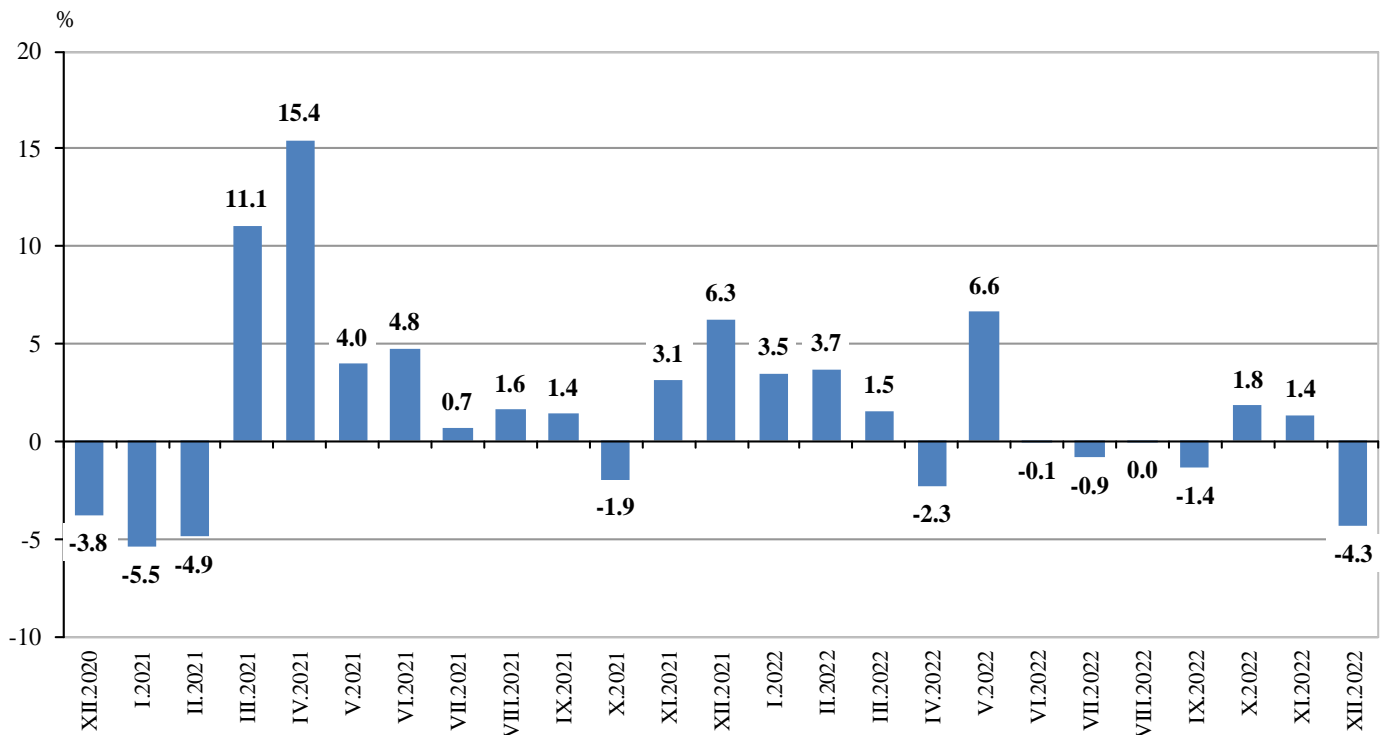
## 2. Construction Production Indices (Seasonally adjusted, 2015 = 100)

	2021	2022											
	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Construction - total	91.9	91.7	91.0	90.0	90.4	92.1	90.4	90.0	89.9	90.1	91.0	90.4	88.9
Building construction	98.9	98.7	98.5	97.2	97.4	99.1	97.9	97.6	97.0	97.1	97.8	96.3	94.8
Civil engineering	84.2	83.9	82.7	81.9	82.5	84.3	82.2	81.6	82.1	82.4	83.5	83.9	82.5

### Annual changes

On an annual basis in December 2022, the decrease in production in construction, calculated from calendar adjusted data, was determined by the negative rate, both in building construction and in civil engineering, where the drop was 6.1 and 2.0%, respectively (Table 3).

**Figure 3. Changes of the Construction Production Indices compared to the same month of the previous year  
(Calendar adjusted, 2015 = 100)**



### 3. Changes of the Construction Production Indices compared to the same month of the previous year<sup>1</sup>

(Per cent)

	2019	2020	2021	2022											
	XII	XII	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
<b>Construction - total</b>	1.5	-3.8	6.3	3.5	3.7	1.5	-2.3	6.6	-0.1	-0.9	0.0	-1.4	1.8	1.4	-4.3
Building construction	2.2	-8.2	8.5	4.2	6.9	4.3	-1.2	8.3	1.6	0.7	1.6	-1.6	1.8	0.2	-6.1
Civil engineering	0.5	2.4	3.4	2.5	-0.5	-2.0	-3.7	4.5	-2.3	-2.9	-2.0	-1.1	1.9	2.8	-2.0

<sup>1</sup> Calendar adjusted.

### 4. Construction Production Indices (Calendar adjusted, 2015 = 100)

	2019	2020	2021	2022											
	XII	XII	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
<b>Construction - total</b>	81.2	78.1	83.0	87.6	87.2	93.3	87.7	87.7	96.3	94.9	93.0	87.0	95.9	93.9	79.4
Building construction	90.3	82.9	90.0	95.8	96.0	101.7	94.7	94.7	103.6	102.0	98.8	93.0	102.1	98.8	84.5
Civil engineering	71.1	72.8	75.2	78.3	77.3	84.0	79.9	79.8	88.1	87.0	86.5	80.3	89.0	88.6	73.7