CONSTRUCTION PRODUCTION INDICES IN SEPTEMBER 2021[1,2]

According to the preliminary data, in September 2021 the index of production in section 'Construction', calculated on the basis of seasonally adjusted data[3], remained at the level of the previous month (Table 1).

In September 2021, the calendar adjusted data[4] showed an increase of 1.0% in construction production, compared to the same month of 2020 (Table 3).

Figure 1. Construction Production Indices (2015 = 100)

Construction - total   Construction - total, seasonally adjusted

---
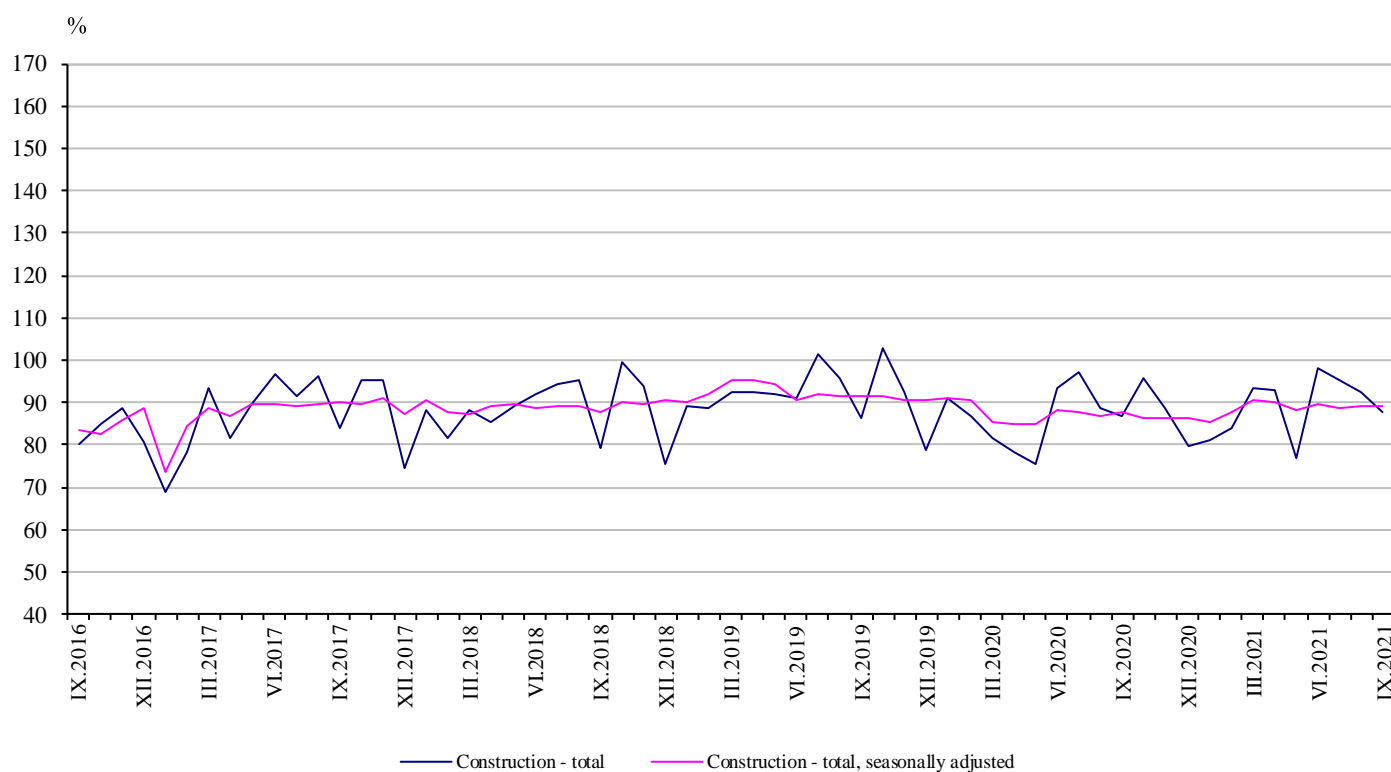
[1] Data for September 2021 are preliminary.

[2] 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 the 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 the construction. The data are collected with a monthly sample survey, which includes construction enterprises, which production exceeds 75% of the total production in construction. Construction Production Indices are calculated on the base 2015 = 100.
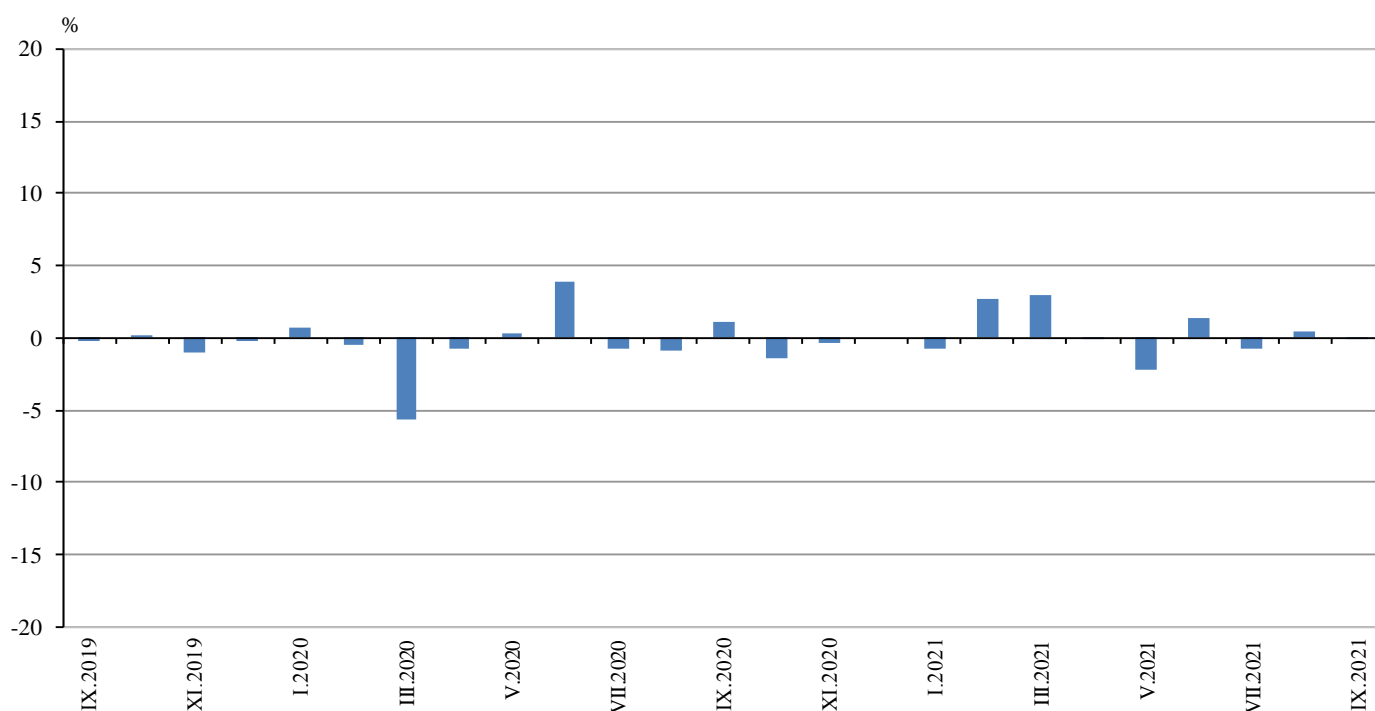
[3] Seasonal adjustment is a statistical method that eliminates the seasonal component of time series.

[4] 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 September 2021, the construction production index, calculated from the seasonally adjusted data, remained at the level of the previous month. The production index of building construction rose by 0.2%, but production of civil engineering fell by 0.3% (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[1]

(Per cent)

	2020				2021								
	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
Construction - total	1.0	-1.4	-0.4	0.0	-0.7	2.6	3.0	-0.1	-2.2	1.4	-0.7	0.5	0.0
Building construction	0.8	-1.7	-0.6	-0.7	-0.9	2.6	4.0	-1.8	-1.9	1.1	0.0	0.2	0.2
Civil engineering	1.4	-1.1	0.0	0.9	-0.6	2.7	1.6	2.0	-2.5	1.7	-1.6	0.9	-0.3

_____

[1] Seasonally adjusted.

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

	2020				2021								
	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
Construction - total	**87.7**	**86.5**	**86.2**	**86.2**	**85.5**	**87.8**	**90.4**	**90.3**	**88.3**	**89.5**	**88.9**	**89.3**	**89.3**
Building construction	94.3	92.8	92.2	91.6	90.8	93.1	96.8	95.1	93.3	94.3	94.3	94.5	94.6
Civil engineering	80.3	79.5	79.4	80.2	79.7	81.8	83.2	84.9	82.8	84.2	82.9	83.6	83.4

Annual changes

On an annual basis, in September 2021 the increase of production in construction, calculated from calendar adjusted data, was determined from the positive rate in civil engineering, where the growth was by 1.7% and in building construction - by 0.5% (Table 3).

Figure 3. Changes of the Construction Production Indices compared
to the same month of the previous year
(Calendar adjusted, 2015 = 100)
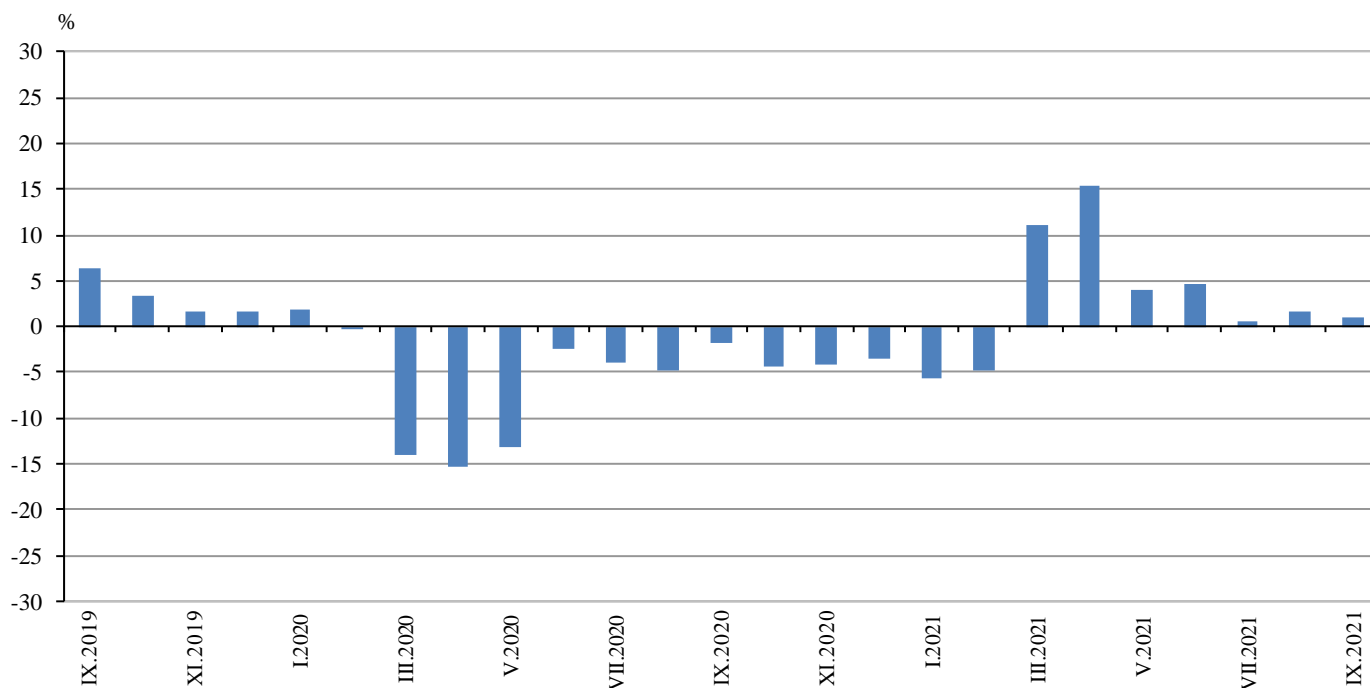
3. Changes of the Construction Production Indices compared to the same month of the previous year[1]

(Per cent)

	2018	2019	2020				2021								
	IX	IX	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
Construction - total	**-3.3**	**6.3**	**-1.9**	**-4.4**	**-4.1**	**-3.6**	**-5.7**	**-4.8**	**11.2**	**15.5**	**4.1**	**4.7**	**0.6**	**1.7**	**1.0**
Building construction	-4.8	12.2	-6.0	-8.3	-8.0	-8.0	-9.7	-8.6	7.7	12.0	1.2	1.4	-1.4	-0.4	0.5
Civil engineering	-1.5	-1.0	3.9	1.0	1.2	2.5	0.4	0.6	16.0	20.3	8.1	9.1	3.2	4.3	1.7

_____
[1] Calendar adjusted.

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

	2018	2019	2020				2021								
	IX	IX	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
Construction - total	**83.4**	**88.7**	**87.0**	**96.0**	**89.8**	**78.2**	**84.5**	**84.1**	**91.9**	**89.8**	**82.2**	**96.4**	**95.8**	**93.0**	**87.9**
Building construction	88.1	98.8	92.9	102.2	95.1	83.0	91.8	89.8	97.5	96.0	87.4	102.0	101.3	97.4	93.3
Civil engineering	78.2	77.4	80.4	89.1	84.0	72.8	76.3	77.7	85.7	82.9	76.3	90.1	89.6	88.0	81.8