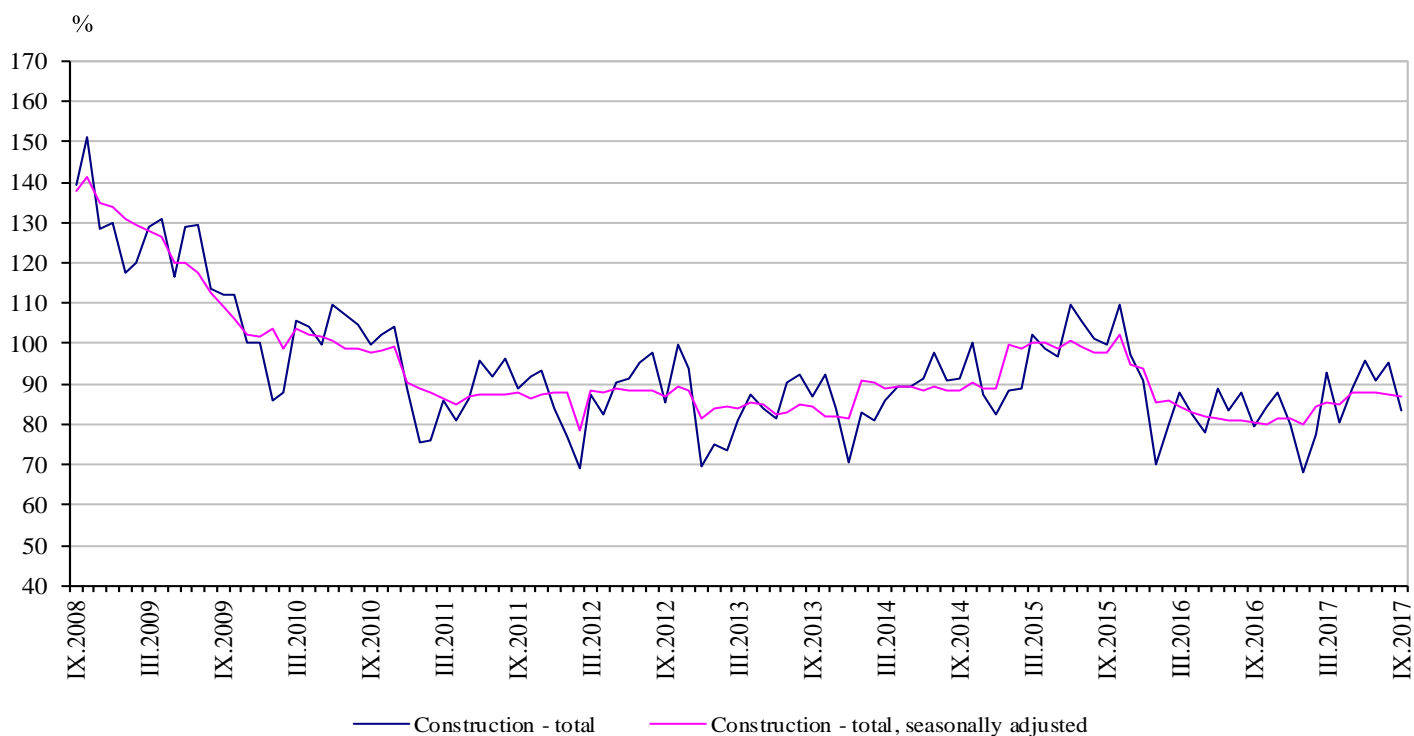# CONSTRUCTION PRODUCTION INDICES IN SEPTEMBER 2017[1,2]

According to the preliminary data, in September 2017 the index of production in section 'Construction' calculated on the base of seasonally adjusted data[3] was 1.0% below the level of the previous month (Table 2).

In September 2017 working day adjusted data[4] showed an increase by 6.0% in the construction production, compared to the same month of 2016 (Table 4).

Figure 1. Construction Production Indices (2010 = 100)

---

[1] Data for September 2017 are preliminary.

[2] The monthly indices show the short-term changes in the 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 short-term forecast for its future development. The indices are calculated on the base of information on hours worked in the construction. The data are collected with 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 2010 = 100.

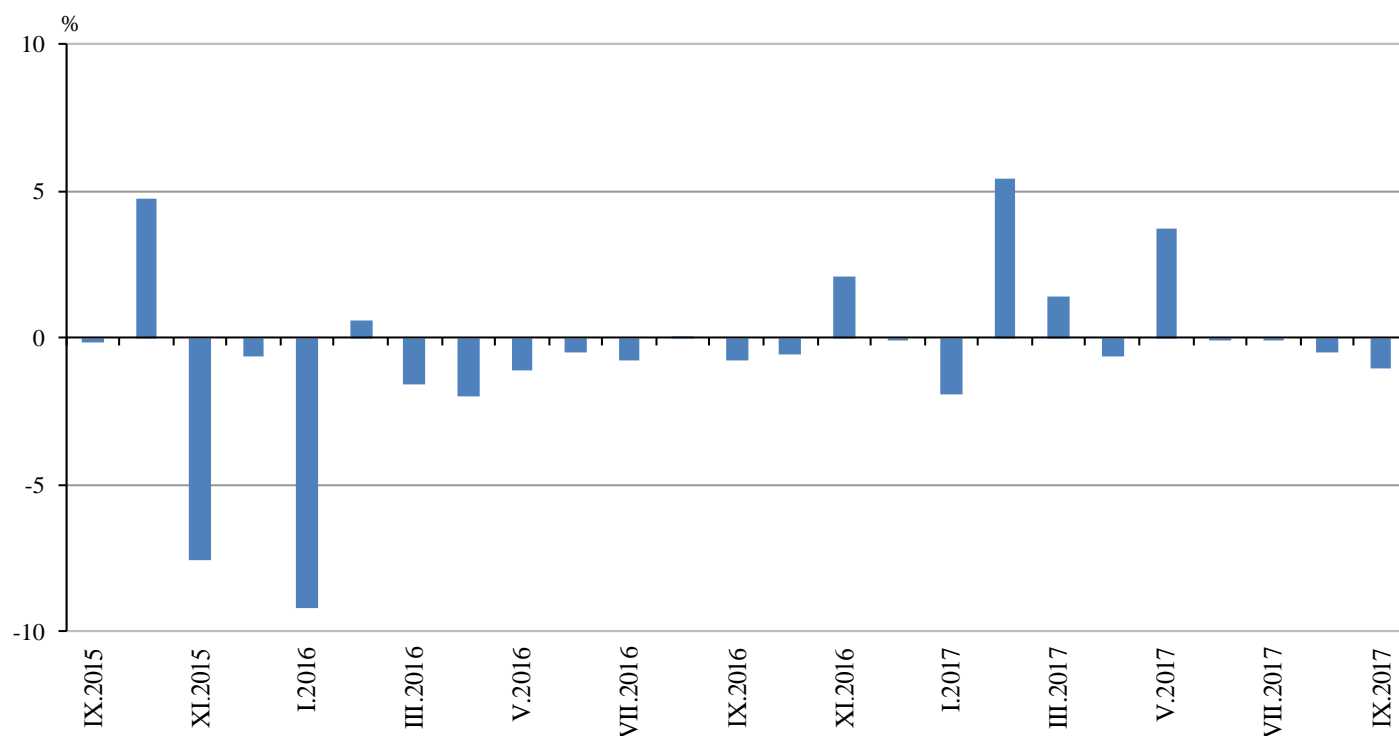[3] Seasonal adjustment is a statistical method which eliminates the seasonal component of time series.

[4] Working day adjustment is an adjustment for variations in monthly data, caused by calendar effects, 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 2017 the construction production, calculated from the seasonally adjusted data, was under the level of the previous month. Index of production of building construction decreased by 1.4% and the production of civil engineering - by 0.4% (Table 2).

Figure 2. Changes of the Construction Production Indices compared to the previous month
(Seasonally adjusted, 2010 = 100)

1. Construction Production Indices
(Seasonally adjusted, 2010 = 100)

	2016				2017								
	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
Construction - total	**80.4**	**80.0**	**81.7**	**81.6**	**80.0**	**84.3**	**85.5**	**85.0**	**88.1**	**88.0**	**88.0**	**87.6**	**86.7**
Building construction	79.0	79.2	80.3	81.0	77.8	85.3	86.1	85.1	88.7	89.4	90.0	89.4	88.2
Civil engineering	82.2	81.0	83.4	82.3	82.7	83.2	84.8	84.8	87.4	86.4	85.6	85.3	85.0

2. Changes of the Construction Production Indices
compared to the previous month[1]

(Per cent)

	2016				2017								
	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
Construction - total	**-0.7**	**-0.5**	**2.1**	**-0.1**	**-1.9**	**5.4**	**1.4**	**-0.6**	**3.7**	**-0.1**	**0.0**	**-0.5**	**-1.0**
Building construction	1.3	0.3	1.4	0.9	-4.0	9.6	1.0	-1.2	4.2	0.8	0.7	-0.6	-1.4
Civil engineering	-3.0	-1.5	3.0	-1.3	0.5	0.6	1.9	0.0	3.0	-1.1	-0.9	-0.3	-0.4

_____

[1] Seasonally adjusted.

Annual changes

On an annual basis in September 2017, the increase of production in construction, calculated from working day adjusted data, was determined from the positive rate in the building construction, where the growth was by 12.3%, while in the civil engineering was registered a decline by 1.1% (Table 4).

3. Construction Production Indices
(Working day adjusted, 2010 = 100)

	2014	2015	2016				2017								
	IX	IX	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
Construction - total	**89.4**	**97.8**	**80.4**	**86.2**	**86.6**	**78.7**	**66.7**	**78.0**	**91.4**	**83.7**	**88.2**	**94.7**	**92.9**	**93.5**	**85.3**
Building construction	86.3	89.1	77.4	83.3	83.9	77.1	64.8	78.9	91.8	84.4	89.1	95.4	95.0	95.7	86.9
Civil engineering	93.3	108.6	84.2	89.8	89.9	80.6	69.2	76.8	91.0	82.9	87.2	93.8	90.3	90.7	83.2

4. Changes of the Construction Production Indices compared to the same month of the previous year[1]

(Per cent)

	2014	2015	2016				2017								
	IX	IX	IX	X	XI	XII	I	II	III	IV	V	VI	VII	VIII	IX
Construction - total	**4.0**	**9.4**	**-17.8**	**-21.6**	**-11.7**	**-10.9**	**-8.0**	**-0.1**	**5.3**	**2.1**	**11.9**	**8.1**	**8.0**	**8.4**	**6.0**
Building construction	-1.4	3.3	-13.2	-22.4	-9.3	-5.1	-5.3	9.5	11.9	8.7	19.2	14.9	16.1	16.3	12.3
Civil engineering	10.9	16.4	-22.5	-20.7	-14.4	-16.9	-11.0	-10.2	-2.1	-5.1	3.8	0.5	-1.0	-0.3	-1.1

[1] Working day adjusted.