



CONSTRUCTION PRODUCTION INDICES¹ IN DECEMBER 2012²

According to the preliminary data of the NSI, in December 2012 the index of production in section 'Construction' calculated on the base of seasonally adjusted data³ was 10.4% below the level of the previous month (Table 2).

In December 2012 working day adjusted data⁴ showed a decrease by 15.1% in the construction production, comparing to the same month of 2011 (Table 4).

**Figure 1. Construction Production Indices
(2005 = 100)**



¹ Data for December 2012 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 analyze 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 (2005 = 100).

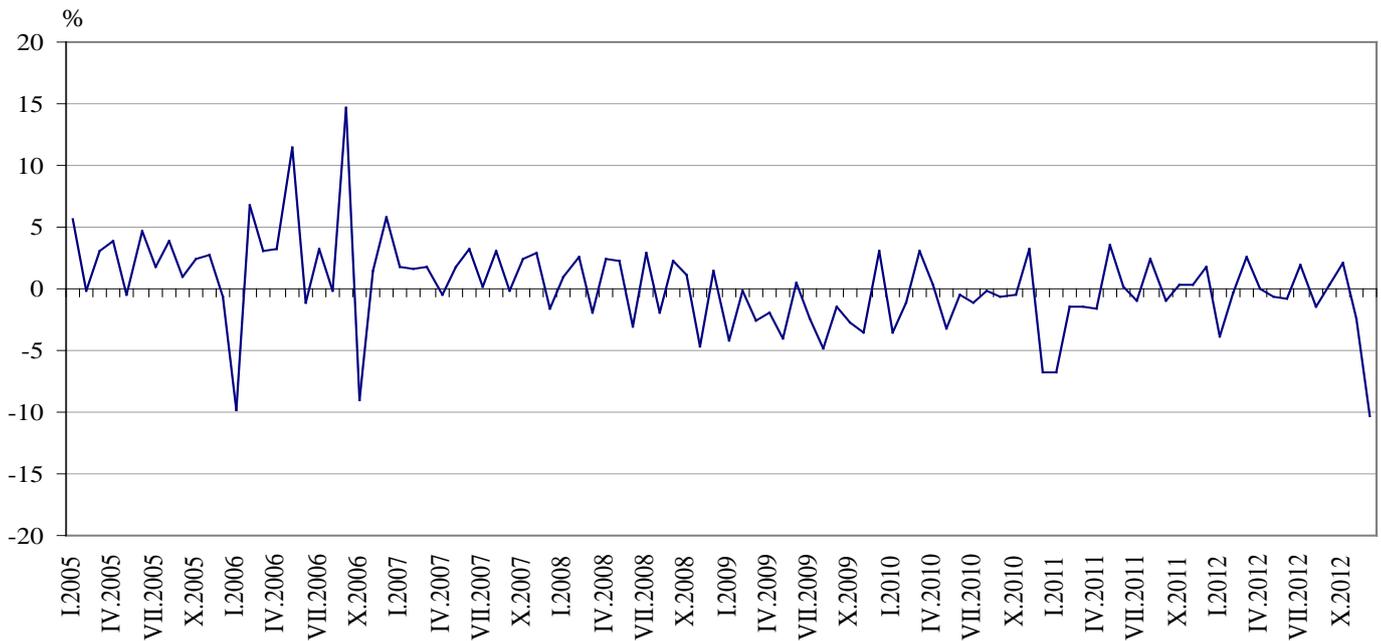
³ Seasonal adjustment is a statistical method, which eliminates the seasonal component of time series and it is particularly suitable for long-term comparisons and analysis of the data.

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).

The seasonally and working day adjusted data for period 2000 - 2012 can be found in NSI internet web-site: <http://www.nsi.bg/otrasalen.php?otr=32>.



Figure 2. Percentage change of the indices of the construction production compared to the previous month
(Seasonally adjusted, 2005 = 100)



1. Construction Production Indices
(Seasonally adjusted, 2005 = 100)

	2011	2012											
	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Construction - total	116.5	111.9	111.5	114.4	114.2	113.4	112.5	114.7	113.1	113.4	115.8	113.0	101.3
Building construction	97.1	94.1	95.9	97.2	96.9	93.4	93.4	94.9	92.7	93.0	93.6	89.8	87.2
Civil engineering	155.0	147.2	142.4	148.3	148.3	153.1	150.2	154.0	153.5	153.8	159.8	158.8	129.3



Monthly changes

In December 2012 the construction production was below the level of the previous month. Index of production of civil engineering calculated from the seasonally adjusted data decreased by 18.6% and the production of building construction - by 2.9% (Table 2).

2. Percentage changes of the Construction Production Indices compared to the previous month¹

	2011	2012											
	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Construction - total	1.7	-3.9	-0.4	2.6	-0.2	-0.7	-0.8	2.0	-1.4	0.3	2.1	-2.4	-10.4
Building construction	0.3	-3.1	1.9	1.4	-0.3	-3.6	0.0	1.6	-2.3	0.3	0.6	-4.1	-2.9
Civil engineering	3.7	-5.0	-3.3	4.1	0.0	3.2	-1.9	2.5	-0.3	0.2	3.9	-0.6	-18.6

¹ Seasonally adjusted.

3. Construction Production Indices (working day adjusted, 2005 = 100)

	2009	2010	2011	2012											
	XII	XII	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Construction - total	128.5	113.2	107.7	100.0	88.6	113.1	109.8	115.7	119.5	125.0	125.2	112.4	128.7	121.7	91.4
Building construction	118.4	93.7	91.0	85.9	73.8	95.5	92.1	95.9	98.1	103.7	103.7	92.2	104.6	98.7	77.0
Civil engineering	148.6	151.8	140.6	128.0	117.9	147.9	144.7	154.9	161.8	167.1	167.7	152.3	176.5	167.1	119.9



Annual changes

On an annual basis in December 2012 the decrease of production in construction calculated from working day adjusted data was determined from the negative rate in the building construction by 15.4% and in the civil engineering - by 14.7% (Table 4).

4. Percentage changes of the Construction Production Indices compared to the same month of the previous year¹

	2009	2010	2011	2012											
	XII	XII	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Construction - total	-24.1	-11.9	-4.9	1.1	-11.1	2.0	4.0	2.9	-3.6	3.6	0.7	-2.7	6.0	1.2	-15.1
Building construction	-31.9	-20.9	-2.9	-2.4	-16.8	-2.0	0.1	-3.3	-9.3	-1.6	-3.6	-7.9	-0.6	-4.1	-15.4
Civil engineering	-7.4	2.2	-7.4	6.3	-2.9	7.5	9.2	11.9	4.4	10.7	6.7	4.4	14.9	8.2	-14.7

¹ Working day adjusted.