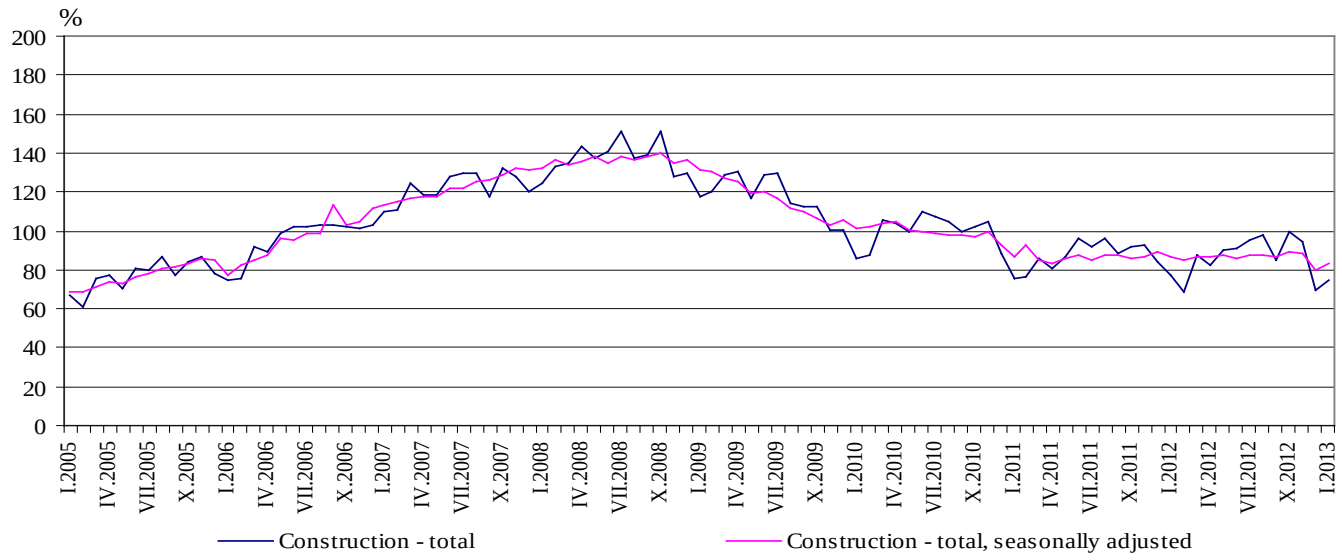
CONSTRUCTION PRODUCTION INDICES[1] IN JANUARY 2013 [2]

In compliance with Regulation (EC) № 1165/98 and amendment Regulation (EC) № 1158/2005 since January 2013 the base year for Short-term business statistics has been changed. All short-term indicators presented in the form of index is calculated and published at 2010 as a base year. The time series have been recalculated according to the new base year and with the publication of data for the first reporting period of 2013 they can be found on the website of NSI: http://www.nsi.bg/otrasalen.php?otr=55.

According to the preliminary data, in January 2013, the index of production in section 'Construction' calculated on the base of seasonally adjusted data[3] was 3.8% above the level of the previous month (Table 2).

In January 2013 working day adjusted data[4] showed a decrease by 3.1% in the construction production, comparing to the same month of 2012 (Table 4).

Figure 1. Construction Production Indices (2010 = 100)



[1] Data for January 2013 are preliminary.

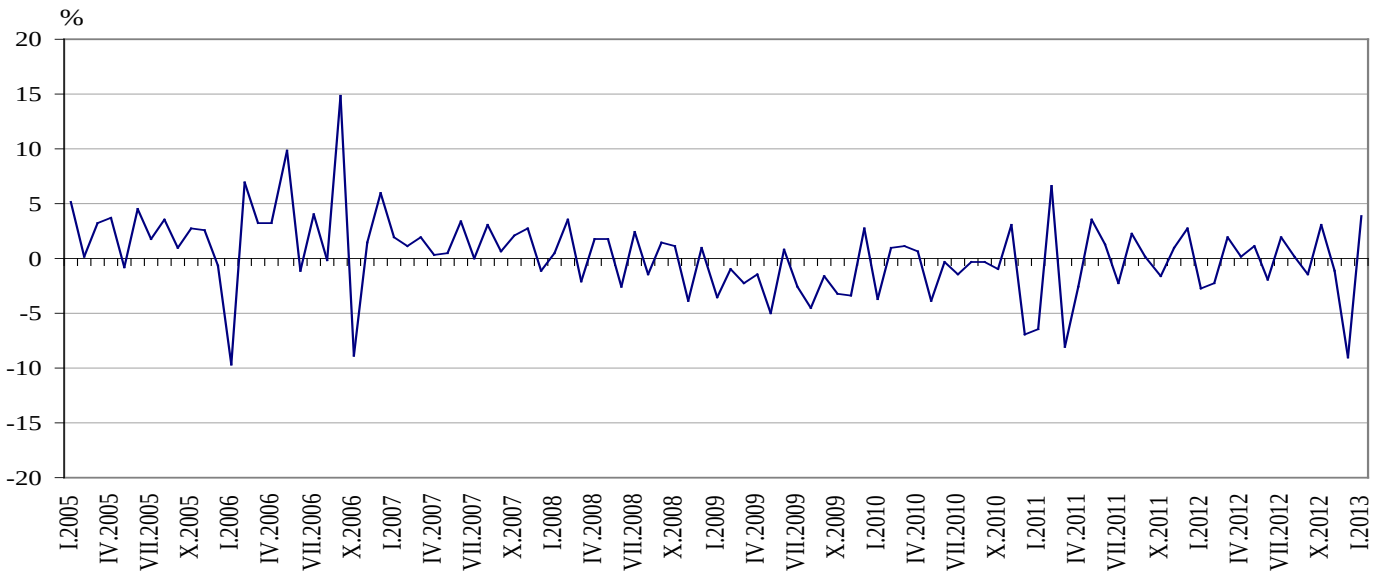
[2] The monthly indices show the short-term changes in the construction production between two comparable periods. This information can be used to analyze the current state of the construction activity in the country, as well as short-term forecast for its future development. The indices are calculated 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 (2010 = 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 holydays 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 - 2013 can be found on NSI website: (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, 2010 = 100)



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

	2012												2013
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I
Construction - total	**86.8**	**84.9**	**86.6**	**86.7**	**87.7**	**86.0**	**87.6**	**87.7**	**86.4**	**89.1**	**88.0**	**80.0**	**83.0**
Building construction	89.4	89.2	89.5	89.4	88.7	87.4	88.4	87.7	86.7	87.5	86.9	85.3	86.7
Civil engineering	83.5	79.5	82.9	83.4	86.4	84.2	86.5	87.7	86.1	91.1	89.4	73.4	78.3

Monthly changes

In January 2013 the construction production was above the level of the previous month. Index of production of civil engineering, calculated from the seasonally adjusted data, increased by 6.7% and the production of building construction - by 1.6% (Table 2).

2. Percentage changes of the Construction Production Indices compared to the previous month (Seasonally adjusted)

	2012												2013
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I
Construction - total	**-2.7**	**-2.2**	**2.0**	**0.1**	**1.2**	**-1.9**	**1.9**	**0.1**	**-1.5**	**3.1**	**-1.2**	**-9.1**	**3.8**
Building construction	-2.6	-0.2	0.3	-0.1	-0.8	-1.5	1.1	-0.8	-1.1	0.9	-0.7	-1.8	1.6
Civil engineering	-2.9	-4.8	4.3	0.6	3.6	-2.5	2.7	1.4	-1.8	5.8	-1.9	-17.9	6.7

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

	2010	2011	2012												2013
	I	I	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I
Construction - total	**86.7**	**75.4**	**76.6**	**68.4**	**86.5**	**83.8**	**89.7**	**91.7**	**95.8**	**96.0**	**86.3**	**98.8**	**93.1**	**71.8**	**74.2**
Building construction	92.4	82.3	80.3	69.4	89.2	85.8	90.9	92.2	97.6	97.2	87.2	98.3	92.4	74.9	79.6
Civil engineering	79.7	66.9	72.0	67.2	83.1	81.4	88.3	91.0	93.6	94.5	85.2	99.5	93.9	68.0	67.6

Annual changes

On an annual basis in January 2013, the decrease of production in construction, calculated from working day adjusted data was determined mainly from the negative rate in the civil engineering by 6.1% and in the building construction - by 0.9% (Table 4).

4. Percentage changes of the Construction Production Indices compared to the same month of the previous year (Working day adjusted)

	2010	2011	2012												2013
	I	I	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	I
Construction - total	**-27.2**	**-13.0**	**1.6**	**-10.4**	**1.8**	**4.1**	**2.6**	**-3.4**	**2.9**	**0.8**	**-2.6**	**5.3**	**1.1**	**-12.4**	**-3.1**
Building construction	-39.3	-10.9	-2.4	-16.5	-2.2	-0.9	-2.9	-8.8	-1.9	-3.7	-7.6	-1.1	-4.0	-11.4	-0.9
Civil engineering	2.0	-16.1	7.6	-0.9	7.4	11.7	10.8	4.5	9.9	7.1	4.5	14.6	8.2	-13.9	-6.1