ROMANIA
NATIONAL INSTITUTE OF STATISTICS
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PRESS RELEASE
No. 326/December 14, 2018

Domain: Construction

CONSTRUCTION WORKS IN OCTOBER 2018

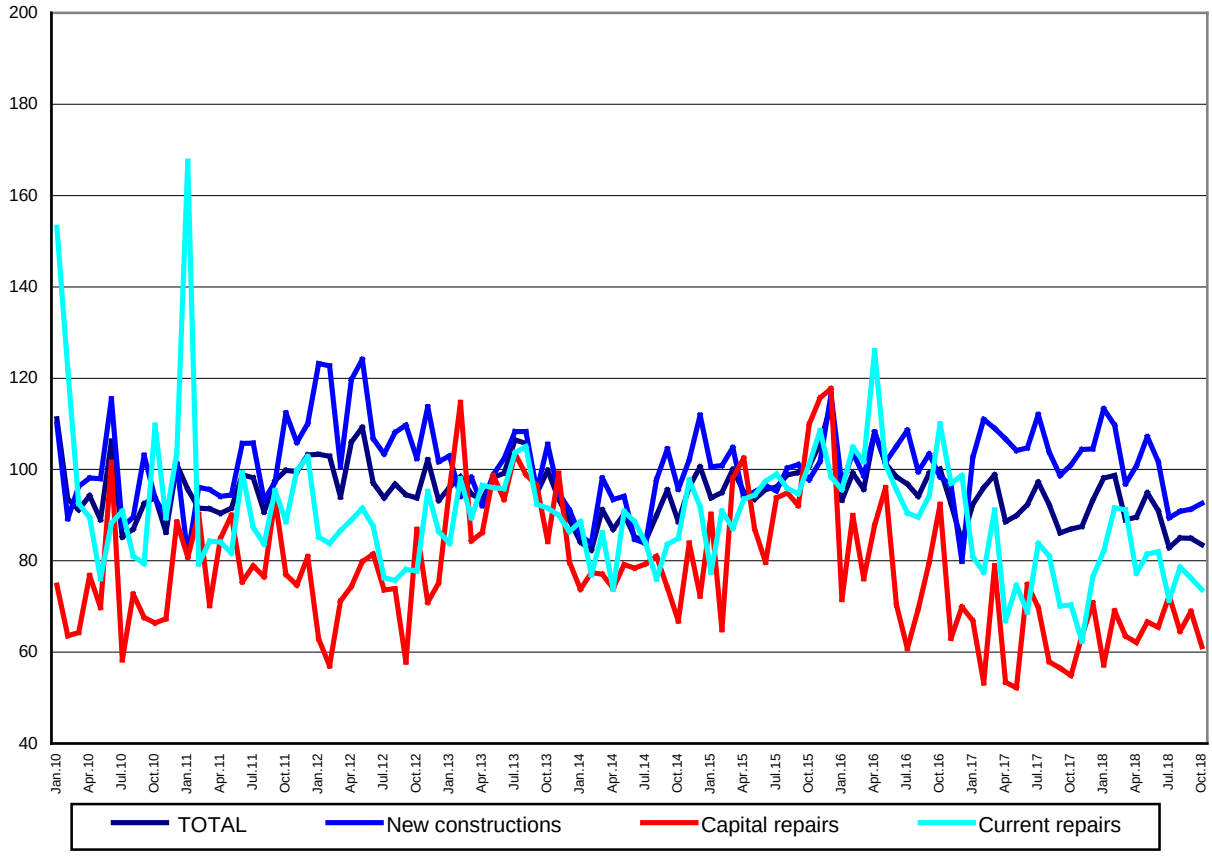
- Compared to the previous month, in October 2018, the volume of construction works increased, as gross series, by 7.0% and fell, as adjusted series according to the number of working days and to seasonality, by 1.6%.

- Compared to the corresponding month of the previous year, the volume of construction works dropped both as gross series and as adjusted series according to the number of working days and to seasonality, by 3.6% and by 4.0%, respectively.

- Compared to the 1.I-31.X.2017 period, in the 1.I-31.X.2018 period, the volume of construction works decreased, as gross series, by 4.1% and fell, as adjusted series according to the number of working days and to seasonality, by 2.5%.

Monthly evolution of construction works, by structure elements, according to CANE Rev. 2
- January 2010-October 2018 -
(adjusted series according to the number of working days and to seasonality)

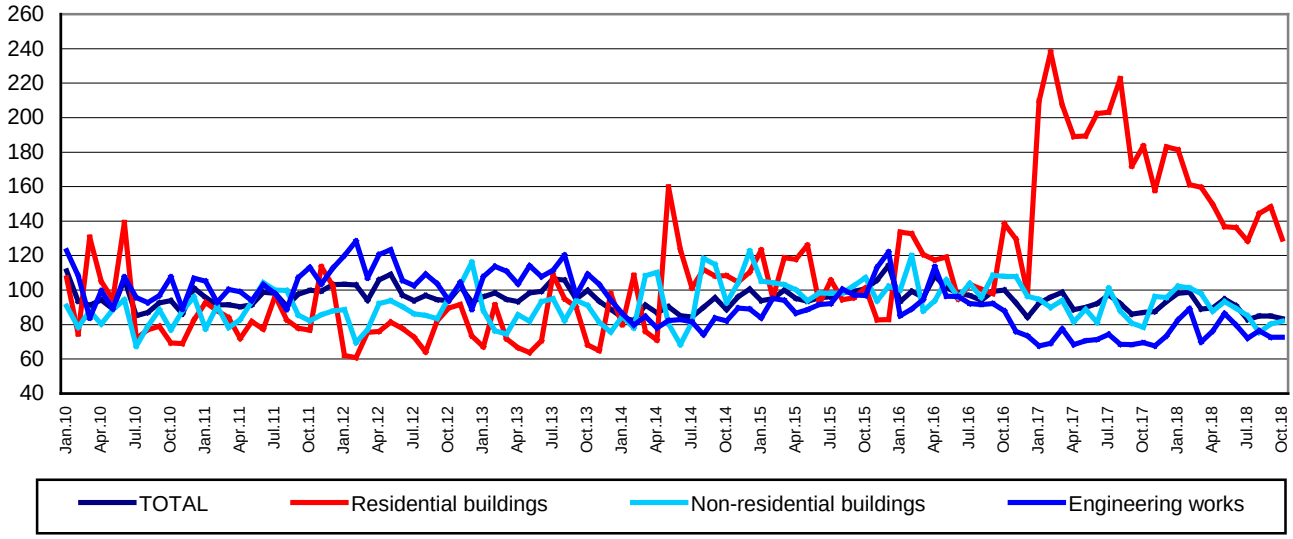
- 2015=100 -



Graph data in xls format

Monthly evolution of construction works, by construction objects, according to CANE Rev. 2
- January 2010-October 2018 -
(adjusted series according to the number of working days and to seasonality)

- 2015=100 -



Graph data in xls format

October 2018 compared to September 2018

The volume of construction works increased, as gross series, by 7.0%, an increase reflected in capital repair works (+8.2%), in new construction works (+8.1%) and in maintenance and current repair works (+3.3%).

By construction objects, there were rises in engineering works (+14.3%) and in non-residential buildings (+2.5%). The residential buildings were down 4.3%.

The volume of construction works decreased overall, as adjusted series according to the number of working days and to seasonality, by 1.6%, a decrease reflected in capital repair works (-11.2%) and in maintenance and current repair works (-3.3%). There was a rise in new construction works (+1.4%).
By construction objects, the volume of construction works fell by 12.7% in residential buildings. An increase of 2.1% was reported for non-residential buildings. The engineering works remained at the same level as the previous month.

October 2018 compared to October 2017

The volume of construction works decreased overall, as gross series, by 3.6%, a decrease reflected in new construction works (-5.9%) and in maintenance and current repair works (-3.8%). There was a rise in capital repair works (+11.6%).
By construction objects, the volume of construction works dropped in residential buildings (-28.5%). The non-residential buildings rose by 5.3%, and the engineering works were up 5.2%.

The volume of construction works fell, as adjusted series according to the number of working days and to seasonality, by 4.0%, a fall reflected in new construction works (-8.3%). Rises were reported for capital repair works (+11.6%) and for maintenance and current repair works (+4.8%).
By construction objects, the volume of construction works dropped in residential buildings (-29.5%). The engineering works were up 4.6%, and the non-residential buildings rose by 4.5%.

The 1.I-31.X.2018 period compared to the 1.I-31.X.2017 period

The volume of construction works decreased overall, as gross series, by 4.1%, a decrease reflected in new construction works (-8.0%). There were rises in capital repair works (+5.4%) and in maintenance and current repair works (+4.5%).
By construction objects, the volume of construction works dropped in residential buildings (-28.0%). Increases were reported for engineering works (+7.9%) and for non-residential buildings (+0.1%).

The volume of construction works fell overall, as adjusted series according to the number of working days and to seasonality, by 2.5%. By structure elements, there was a drop of 5.7% in new construction works. The maintenance and current repair works rose by 5.3%, and the capital repair works were also up 5.3%.
By construction objects, the volume of construction works dropped in residential buildings (-26.8%). Rises were reported for engineering works (+10.3%) and for non-residential buildings (+1.8%).

Construction works indices

- percentages -

		October 2018 compared to:		1.I-31.X.2018/
		September 2018	October 2017	1.I-31.X.2017
	G	**107.0**	**96.4**	**95.9**
Constructions – total	**S**	**98.4**	**96.0**	**97.5**
- by structure elements:				
	G	108.1	94.1	92.0
New constructions	S	101.4	91.7	94.3
	G	108.2	111.6	105.4
Capital repairs	S	88.8	111.6	105.3
	G	103.3	96.2	104.5
Maintenance and current repairs	S	96.7	104.8	105.3
- by construction objects:				
	G	95.7	71.5	72.0
Residential buildings	S	87.3	70.5	73.2
	G	102.5	105.3	100.1
Non-residential buildings	S	102.1	104.5	101.8
	G	114.3	105.2	107.9
Engineering works	S	100.0	104.6	110.3

G = gross series; S = adjusted series according to the number of working days and to seasonality
Table data in xls format

Additional information:

IMPORTANT! In order to show the changes in the structure of the economy, starting with the publication of the data for the reference month **January 2018**, the base year used in the calculation of construction works indices was changed **from 2010 to 2015**. The change in the base year also involves the updating of the weighting system; the changes in the weighting system reflect the structural changes that occurred in the activities of the national economy. These changes led to the adequate recalculation and revision of the previously published data series.

These changes will appear in press releases, statistical publications produced by the NIS and in the TEMPO online database.

The **construction volume indices** are determined by deflating the value data with the construction cost indices by structure element and by construction object. The construction volume indices are calculated for the overall construction branch (section F of CANE Rev. 2), by structure element (new construction works, capital repair works, maintenance and current repair works) and by construction object (residential buildings, non-residential buildings and engineering works).

The construction works indices overall are calculated as a weighted arithmetic mean of indices by structure element or of indices by construction object.

Beside the gross series of construction volume indices, **indices that are adjusted by number of working days and seasonality** are also calculated on a monthly basis, through the **regressive method**, a method recommended by the European regulations concerning short-term indicators (Council Regulation No 1165/1998).

For the correct interpretation of the indicators, please see the Methodological Notes attached to the press release on the homepage.

For additional information, please see the TEMPO online database of the NIS (the data for October 2018 will be available on December 14, 2018).

For comparable data with the other Member States of the European Union, please see the Eurostat press release issued on Wednesday, December 19, 2018 at the address http://ec.europa.eu/eurostat/web/main.

Further information is available in the Monthly Statistical Bulletin (date of issue December 27, 2018).

The next issue of the press release will be on Tuesday, January 15, 2019.

Press release archive: http://www.insse.ro/cms/en/comunicate-de-presa-view

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