

# Informations Rapides

20 novembre 2015 - n° 279



## ■ Building indices, Civil engineering indices and Various indices for Construction – August 2015

### Building indices, Civil engineering indices and various indices for construction in August 2015

The Building indices, Civil engineering indices and various indices for construction are mainly published for users who need production cost indices in a contract escalation clause. These monthly indices in base 2010 (reference 100 in 2010) have replaced former building indices (mostly reference 100 in January 1974), civil engineering indices (mostly reference 100 in January 1975) and various indices for construction.

The index "road marking works" has been created in July 2015 for contracts for traffic paint work on the roadway. This quarterly index is published monthly.

Since March 2015, INSEE has been publishing monthly building indices, civil engineering indices and various indices for construction in the Informations Rapides collection in addition to their publication in the Official Journal.

**Warning: the values of June and July 2015 of TP08 and TP09 indices have been modified following the revision of bitumen indices.**

#### Building indices

2010 = 100

Heading		June 2015	July 2015	August 2015
BT02	Earthworks	106.6	106.5	105.7
BT03	Masonry and concrete pipes (except frame, reinforced concrete, tiling, coatings and plastering)	104.9	105.0	104.9
BT06	Framework, reinforced concrete structures	103.4	103.3	103.1
BT07	Framework and metal frames	101.8	101.7	100.6
BT08	Plaster and prefabricated plaster	104.5	104.3	104.3
BT09	Ceramic coatings and tiles	103.3	103.4	103.7
BT10	Plastic coatings	107.4	106.8	107.2
BT11	Synthetic textile coatings	108.3	108.3	108.6
BT12	Natural textile coatings	107.9	108.0	108.1
BT14	Coatings in cut natural stone plate and similar products	109.0	108.7	109.0
BT16b	Wood frame	105.3	105.1	104.8
BT18a	Interior joinery	106.0	106.1	106.0
BT19b	Exterior joinery	105.9	106.0	105.9
BT26	Plastic bay closing works including PVC window	103.6	103.7	104.4
BT27	Aluminium bay window closing works	105.8	105.7	104.7
BT28	Ferrous metals bay closing works	102.2	101.9	101.9
BT30	Schist slates roofing	108.5	108.2	107.5
BT32	Baked clay tiles roofing	106.8	106.9	106.6
BT33	Concrete tiles roofing	106.7	106.2	105.9

Heading		June 2015	July 2015	August 2015
BT34	Zinc and metal roofing (except copper)	110.1	109.1	107.6
BT35	Asphalt shingles roofing	112.0	112.0	113.3
BT38	Sanitary plumbing (including apparatus)	107.8	107.8	107.4
BT40	Central heating (excluding electrical heating)	104.7	103.8	103.9
BT41	Ventilation and air conditioning	108.3	107.8	107.5
BT42	Joinery of steel and locksmiths	101.8	101.4	100.9
BT43	Aluminium alloy joinery	105.8	105.7	104.9
BT45	Glazing works - Mirror works	106.6	106.9	107.2
BT46	Painting, wall hanging, wall coverings	106.8	106.9	107.2
BT47	Electricity	104.4	104.6	104.4
BT48	Elevators	105.2	105.1	104.8
BT49	Ribbed sheet steel roofing and cladding with waterproofing membrane	105.7	105.8	105.4
BT50	All trades maintenance (in existing buildings)	106.2	106.3	106.2
BT51	PVC joinery	105.5	105.1	105.2
BT52	Exterior waterproofing coatings	107.6	107.4	106.8
BT53	Waterproofing works	101.9	103.6	103.0
BT54	Wood framework	104.6	104.5	104.2
<b>BT01</b>	<b>(Construction of new buildings) All trades works</b>	<b>104.6</b>	<b>104.6</b>	<b>104.5</b>

Source: INSEE

## Civil engineering indices

2010 = 100

Heading		June 2015	July 2015	August 2015
TP02	New civil engineering and structure works, or renovation	106.0	106.2	106.2
TP03a	Large-scale excavation works	105.3	104.9	104.4
TP03b	Blasting works	103.7	103.2	102.7
TP04	Foundations and geotechnical works	104.5	104.2	103.7
TP05a	Traditional underground works	104.5	104.4	104.4
TP05b	Underground works in tunnel boring machines	104.7	104.7	104.6
TP06a	Large-scale marine dredging	103.5	101.4	98.7
TP06b	River dredging and small marine dredging	104.0	103.4	102.3
TP07b	Civil works, concrete and steel for maritime works	97.7	97.6	97.7
TP08	Roads development works and maintenance	102.7	102.1	101.0
TP09	Making and implementation of mixes	97.4	95.7	93.0
TP10a	Pipe works, sanitation and water supply, with supply of pipes	105.6	106.0	105.9
TP10b	Pipe works, with no supply of pipes	106.9	106.9	106.9
TP10c	Rehabilitation of non-visitable pipes	108.0	108.4	107.0
TP11	Long-distance transport / transfer pipelines, pipes supplied	101.8	101.8	101.4
TP12a	Energy and communication networking	106.2	106.2	105.9
TP12b	Public lighting Installation works	104.8	104.3	104.1
TP12c	Public lighting Maintenance works	106.9	106.8	106.8
TP13	Carpentry and metal art works	102.8	102.8	102.3
TP14	Underwater works by divers	106.9	106.9	106.6
TP01	<b>All works General index</b>	<b>104.1</b>	<b>103.6</b>	<b>102.9</b>

: revised value  
Source: INSEE

## Various indices for construction

2010 = 100

Heading		June 2015	July 2015	August 2015
TRBT	Road transport item of Building indices	104.0	103.4	102.3
TRTP	Road transport item of Civil Engineering indices	104.8	104.8	104.8
MABTGO	Equipment item of building structural works indices	106.6	106.7	106.7
MABTSO	Equipment item of building finishing works indices	109.3	108.5	107.7
MATP	Equipment item for civil engineering indices	103.4	103.5	103.4
FD	Miscellaneous costs item of Building and Civil engineering indices	101.3	102.5	102.2
FG	Provision of grains	129.2	129.0	129.0
FV	Provision of plants	102.5	102.5	102.5
EV1	Plant covering	115.2	115.0	114.9
EV2	Application of phytosanitary products	104.4	104.2	104.0
EV3	Creation of greens	107.5	107.3	107.1
EV4	Maintenance of greens	108.2	108.2	107.7
PMR	Road marking products	106.3	107.0	107.0
TSH	Road marking works	104.7	105.0	105.0
ING	Engineering	108.5	108.7	108.5

Remarks: Index "FG: Provision of grains" is quarterly, index "FV: Provision of plants" is yearly. The index FV is constant from September to August of the following year.

Source: INSEE

### Index for updating material assets in construction

2010=1

Heading		June 2015	July 2015	August 2015
IM	Index for updating material assets in construction	1.0533	1.0533	1.0560

Remarks: The IM index goal is to update the value of equipment in absence of an available replacement value for the calculation of equipment use charges. It should not be confused with various index for construction "equipment item for civil engineering indices" (MATP), whose purpose is escalating contracts.

Source: INSEE

### For more information:

#### Definition

The Building indices, Civil engineering indices and various indices for construction are producer cost indices of different activities in the construction sector, mainly used for escalating contracts.

#### Method of calculation

The Building indices and Civil engineering indices are costs indices of different activities in the construction sector, comprehended from six items in an analytical accounting process similar to the "KLEMST" approach used by economists in relation to productivity (where K = capital for "assets", L = labour, E = energy, M = materials, S = services for "miscellaneous costs", T = transport). Each item is broken up into basic indices issued from public statistics. The weightings of items and basic indices are fixed during the duration of the base.


#### Uses

Businesses and local authorities can use these official indices for construction work bids, by selecting the activity that is closest to the subject of their bid. These "indices" consist of parametric formulae representing changes in costs for different inputs, in compliance with guide "Le prix dans les marchés publics" of Ministries of economy and finance. However, other better adapted parametric formulae are also permissible, such as using the "miscellaneous costs" and "transport" headings published under "various indices in the construction industry".

In contracts signed before the publication in the *Journal Officiel* of 16<sup>th</sup> of January 2015, past Building indices (BT), Current Civil Engineering indices (TP) and various indices for construction have to be used until September 2014 inclusively, and, since October 2014 inclusively, the stopped series can be extended by the multiplication of the corresponding series by the connecting coefficient. The obtained product is to be rounded with one decimal.

#### Dissemination

These indices are monthly published in the *Journal Officiel*. Historical data are available on [www.bdm.insee.fr](http://www.bdm.insee.fr) :

- Building cost of production indices at <http://www.bdm.insee.fr/bdm2/choixCriteres.action?codeGroupe=1606>
- Civil engineering cost of production indices at <http://www.bdm.insee.fr/bdm2/choixCriteres.action?codeGroupe=1607>
- Various cost of production indices in construction at <http://www.bdm.insee.fr/bdm2/choixCriteres.action?codeGroupe=1608>
- Index for updating material assets in construction at <http://www.bdm.insee.fr/bdm2/choixCriteres.action?codeGroupe=1609>
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Next issue: 18 December 2015 at 12:00 pm.