

Informations *Rapides*

16 avril 2015 - n° 89



■ Building indices, Civil engineering indices and Various indices for Construction - January 2015

Building indices, Civil engineering indices and various indices for construction of January 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. Therefore, these indicators, once published, are never revised. These monthly indices in base 2010 (reference 100 in 2010) replace former building indices (often reference 100 in January 1974), civil engineering indices (often reference 100 in January 1975) and various indices for construction.

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.

Building indices

2010 = 100

Heading		Nov. 2014	Dec. 2014	Jan. 2015
BT02	Earthworks	106.5	105.7	105.1
BT03	Masonry and concrete pipes (except frame, reinforced concrete, tiling, coatings and plastering)	105.0	104.7	104.7
BT06	Framework, reinforced concrete structures	103.7	103.4	103.2
BT07	Framework and metal frames	101.6	100.5	100.6
BT08	Plaster and prefabricated plaster	104.1	104.0	104.1
BT09	Ceramic coatings and tiles	103.0	103.2	103.2
BT10	Plastic coatings	106.3	106.3	106.6
BT11	Synthetic textile coatings	107.8	107.9	107.7
BT12	Natural textile coatings	107.3	107.4	107.1
BT14	Coatings in cut natural stone plate and similar products	107.2	107.2	108.1
BT16b	Wood frame	105.2	105.2	105.3
BT18a	Interior joinery	105.7	105.8	105.5
BT19b	Exterior joinery	105.6	105.8	105.9
BT26	Plastic bay closing works including PVC window	104.0	103.7	103.7
BT27	Aluminium bay window closing works	101.3	101.3	104.8
BT28	Ferrous metals bay closing works	102.4	102.2	102.0
BT30	Schist slates roofing	107.9	107.9	108.0
BT32	Baked clay tiles roofing	106.2	105.9	106.3
BT33	Concrete tiles roofing	106.0	105.3	106.2

Heading		Nov. 2014	Dec. 2014	Jan. 2015
BT34	Zinc and metal roofing (except copper)	109.1	109.0	109.6
BT35	Asphalt shingles roofing	112.4	112.8	111.9
BT38	Sanitary plumbing (including apparatus)	108.6	109.0	106.8
BT40	Central heating (excluding electrical heating)	104.3	104.0	104.3
BT41	Ventilation and air conditioning	107.5	107.4	107.5
BT42	Joinery of steel and locksmiths	102.6	102.2	101.7
BT43	Aluminium alloy joinery	102.1	102.2	105.2
BT45	Glazing works - Mirror works	105.8	106.9	107.0
BT46	Painting, wall hanging, wall coverings	106.3	106.4	106.7
BT47	Electricity	104.9	104.8	102.6
BT48	Elevators	104.8	104.8	104.1
BT49	Ribbed sheet steel roofing and cladding with waterproofing membrane	106.0	105.5	105.8
BT50	All trades maintenance (in second-hand buildings)	106.1	106.1	105.7
BT51	PVC joinery	104.7	104.8	105.0
BT52	Exterior waterproofing coatings	106.3	105.6	105.1
BT53	Waterproofing works	105.4	103.3	100.3
BT54	Wood framework	104.7	104.6	104.7
BT01	(construction of new buildings) all trades works	104.7	104.5	104.1

Source: INSEE

Civil engineering indices

2010 = 100

Heading		Nov. 2014	Dec. 2014	Jan. 2015
TP02	New civil engineering and structure works, or renovation	106.0	105.7	105.8
TP03a	Large-scale excavation works	105.4	104.2	104.2
TP03b	Blasting works	103.0	101.3	102.3
TP04	Foundations and geotechnical works	104.8	103.8	103.7
TP05a	Traditional underground works	104.5	103.8	104.1
TP05b	Underground works in tunnel boring machines	104.5	103.9	104.2
TP06a	Large-scale marine dredging	102.1	97.6	98.7
TP06b	River dredging and small marine dredging	104.1	102.2	102.2
TP07b	Civil works, concrete and steel for maritime works	99.2	98.3	97.5
TP08	Roads development works and maintenance	105.5	103.2	100.6
TP09	Making and implementation of mixes	104.7	99.3	92.5
TP10a	Pipe works, sanitation and water supply, with supply of pipes	106.4	105.7	105.6
TP10b	Pipe works, with no supply of pipes	106.8	106.4	106.6
TP10c	Rehabilitation of non-visitable pipes	106.0	104.5	102.9
TP11	Long-distance transport / transfer pipelines, pipes supplied	105.2	103.7	103.1
TP12a	Energy and communication networking	106.2	105.9	105.7
TP12b	Public lighting Installation works	105.9	105.7	105.4
TP12c	Public lighting Maintenance works	106.8	106.6	106.6
TP13	Carpentry and metal art works	103.9	103.1	102.9
TP14	Underwater works by divers	106.6	106.0	105.8
TP01	All works General index	105.6	104.1	102.8

Source: INSEE

Various indices for construction

2010 = 100

Heading		Nov. 2014	Dec. 2014	Jan. 2015
TRBT	Road transport item of Building indices	104.6	103.6	102.3
TRTP	Road transport item of Civil Engineering indices	105.7	105.5	105.5
MABTGO	Equipment item of building structural works indices	105.3	105.3	106.4
MABTSO	Equipment item of building finishing works indices	105.4	105.4	107.9
MATP	Equipment item for civil engineering indices	102.6	101.9	103.4
FD	Miscellaneous costs item of Building and Civil engineering indices	100.3	100.8	100.7
FG	Provision of grains	128.1	128.1	128.7
FV	Provision of plants	102.5	102.5	102.5
EV1	Plant covering	114.8	114.6	114.5
EV2	Application of phytosanitary products	104.1	103.9	103.3
EV3	Creation of greens	107.4	107.2	106.8
EV4	Maintenance of greens	107.9	107.5	106.8
PMR	Road-marking products	106.8	106.8	101.1
ING	Engineering	107.8	107.7	107.5

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		Nov. 2014	Dec. 2014	Jan. 2015
IM	Index for updating material assets in construction	1.0581	1.0552	1.0554

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 production cost indices of different activities in the construction sector, mainly used for escalating contracts. These indices are never revised.

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 16th 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 :

- 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: 12th May of 2015 at 12 p.m.