

Informations *Rapides*

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■ Building indices, Civil engineering indices and Various indices for Construction – February 2017

Building indices, Civil engineering indices and various indices for construction in February 2017

Avertissement : From the release of the indices for February 2017, on 12 May 2017, INSEE publishes a new index within civil engineering indices, TP12d 'Fiber optic networks'.

The heading of the index TP12a has been modified, it is now entitled 'Energy and communication networking except fiber optics'. Its calculation method remains unchanged.

Building indices

2010 = 100

Heading		Dec. 2016	Jan. 2017	Feb. 2017
BT02	Earthworks	107.0	108.2	108.4
BT03	Masonry and concrete pipes (except frame. reinforced concrete. tiling. coatings and plastering)	105.2	105.6	105.8
BT06	Framework. reinforced concrete structures	103.9	104.4	104.7
BT07	Framework and metal frames	100.8	101.1	102.8
BT08	Plaster and prefabricated plaster	105.5	105.7	105.8
BT09	Ceramic coatings and tiles	105.2	105.4	105.8
BT10	Plastic coatings	107.9	107.7	107.6
BT11	Synthetic textile coatings	109.0	109.3	109.4
BT12	Natural textile coatings	108.4	108.7	109.0
BT14	Coatings in cut natural stone plate and similar products	110.1	111.0	111.0
BT16b	Wood frame	107.0	107.6	107.5
BT18a	Interior joinery	108.2	108.4	108.5
BT19b	Exterior joinery	108.0	108.5	108.2
BT26	Plastic bay closing works including PVC window	104.1	104.4	105.0
BT27	Aluminium bay window closing works	105.6	105.1	105.1
BT28	Ferrous metals bay closing works	104.8	105.5	106.6
BT30	Schist slates roofing	110.4	110.4	110.5
BT32	Baked clay tiles roofing	109.1	109.1	109.2
BT33	Concrete tiles roofing	108.0	108.2	108.9

Heading		Dec. 2016	Jan. 2017	Feb. 2017
BT34	Zinc and metal roofing (except copper)	117.2	117.1	117.8
BT35	Asphalt shingles roofing	113.9	113.9	113.7
BT38	Sanitary plumbing (including apparatus)	108.0	108.3	108.8
BT40	Central heating (excluding electrical heating)	104.4	105.0	104.9
BT41	Ventilation and air conditioning	108.3	108.4	108.2
BT42	Joinery of steel and locksmiths	103.2	105.1	106.1
BT43	Aluminium alloy joinery	106.0	105.6	105.5
BT45	Glazing works - Mirror works	109.8	111.0	109.7
BT46	Painting. wall hanging. wall coverings	108.3	108.3	108.2
BT47	Electricity	105.6	106.4	106.3
BT48	Elevators	106.0	106.4	106.8
BT49	Ribbed sheet steel roofing and cladding with waterproofing membrane	106.1	106.1	105.9
BT50	All trades maintenance (in existing buildings)	107.7	108.1	108.2
BT51	PVC joinery	105.8	105.5	105.6
BT52	Exterior waterproofing coatings	108.6	110.1	110.1
BT53	Waterproofing works	104.3	105.1	105.0
BT54	Wood framework	106.2	106.7	106.6
BT01	(Construction of new buildings) All trades works	105.2	105.7	105.9

Source: INSEE

Civil engineering indices

2010 = 100

Heading		Dec. 2016	Jan. 2017	Feb. 2017
TP02	New civil engineering and structure works. or renovation	106.5	107.0	107.2
TP03a	Large-scale excavation works	105.2	105.8	106.0
TP03b	Blasting works	103.8	104.0	104.5
TP04	Foundations and geotechnical works	104.1	104.8	105.1
TP05a	Traditional underground works	104.3	104.7	105.1
TP05b	Underground works in tunnel boring machines	104.7	105.2	105.5
TP06a	Large-scale marine dredging	104.9	105.9	106.1
TP06b	River dredging and small marine dredging	103.9	104.4	104.6
TP07b	Civil works. concrete and steel for maritime works	97.3	98.5	99.9
TP08	Roads development works and maintenance	101.5	103.2	103.2
TP09	Making and implementation of mixes	94.3	98.6	98.4
TP10a	Pipe works. sanitation and water supply. with supply of pipes	105.8	106.1	106.1
TP10b	Pipe works. with no supply of pipes	107.9	108.5	108.6
TP10c	Rehabilitation of non-visitable pipes	105.5	107.0	108.0
TP11	Long-distance transport / transfer pipelines. pipes supplied	100.1	100.2	100.5
TP12a	Energy and communication networking except fiber optics	106.3	107.0	107.2
TP12b	Public lighting Installation works	104.3	104.8	105.2
TP12c	Public lighting Maintenance works	108.2	108.7	108.9
TP12d	Fiber optic networks	na	na	109.2
TP13	Carpentry and metal art works	104.0	104.1	104.3
TP14	Underwater works by divers	108.3	108.8	109.0
TP01	All works General index	103.7	104.9	105.0

na: not available

Source: INSEE

Various indices for construction

2010 = 100

Heading		Dec. 2016	Jan. 2017	Feb. 2017
TRBT	Road transport item of Building indices	103.3	104.8	104.9
TRTP	Road transport item of Civil Engineering indices	106.1	106.1	106.1
MABTGO	Equipment item of building structural works indices	107.8	107.3	107.4
MABTSO	Equipment item of building finishing works indices	111.0	112.3	109.4
MATP	Equipment item for civil engineering indices	103.6	103.7	103.7
FD	Miscellaneous costs item of Building and Civil engineering indices	102.0	101.0	101.2
FG	Provision of grains	130.1	140.7	140.7
FV	Provision of plants	102.4	102.4	102.4
EV1	Plant covering	116.6	120.7	120.8
EV2	Application of phytosanitary products	105.2	105.4	105.6
EV3	Creation of greens	108.9	109.8	109.9
EV4	Maintenance of greens	109.6	110.4	110.6
PMR	Road marking products	105.0	105.3	105.3
TSH	Road marking works	104.1	104.9	104.9
ING	Engineering	110.5	110.9	110.8

Note: Index "FG: Provision of grains", "PMR: Roads marking products" and "TSH: Road marking work" are 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		Dec. 2016	Jan. 2017	Feb. 2017
IM	Index for updating material assets in construction	1.0965	1.1139	1.1227

Note: 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, the various indices for construction and the index for updating material assets in 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, compiled 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 made up of basic indices issued from public statistics.

Uses

Businesses and local authorities can use these official indices published in the *Journal Officiel* for construction work bids, by selecting the activity that is closest to the subject of their bid.

In contracts signed before the publication of the indices in the *Journal Officiel* of 16 January 2015 the former series have to be used until September 2014 inclusively, and, since October 2014 inclusively, the stopped series can be extended by multiplying the corresponding series by the connecting coefficient. The result is to be rounded off to one decimal place.

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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