

# Informations Rapides

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

### Building indices, Civil engineering indices and various indices for construction in January 2017

**Avertissement :** From May 2017, INSEE will publish a new index in civil engineering dedicated to monitoring producer cost indices of fibre network (the first value will be that of February 2017).

#### Building indices

2010 = 100

Heading		Nov. 2016	Dec. 2016	Jan. 2017
BT02	Earthworks	106.7	107.0	108.2
BT03	Masonry and concrete pipes (except frame. reinforced concrete. tiling. coatings and plastering)	104.9	105.2	105.6
BT06	Framework. reinforced concrete structures	103.6	103.9	104.4
BT07	Framework and metal frames	99.8	100.8	101.1
BT08	Plaster and prefabricated plaster	105.2	105.5	105.7
BT09	Ceramic coatings and tiles	105.1	105.2	105.4
BT10	Plastic coatings	106.5	107.9	107.7
BT11	Synthetic textile coatings	108.5	109.0	109.3
BT12	Natural textile coatings	107.9	108.4	108.7
BT14	Coatings in cut natural stone plate and similar products	109.9	110.1	111.0
BT16b	Wood frame	106.4	107.0	107.6
BT18a	Interior joinery	107.9	108.2	108.4
BT19b	Exterior joinery	107.7	108.0	108.5
BT26	Plastic bay closing works including PVC window	105.4	104.1	104.4
BT27	Aluminium bay window closing works	104.2	105.6	105.1
BT28	Ferrous metals bay closing works	103.4	104.8	105.5
BT30	Schist slates roofing	109.4	110.4	110.4
BT32	Baked clay tiles roofing	108.1	109.1	109.1
BT33	Concrete tiles roofing	107.2	108.0	108.2

Heading		Nov. 2016	Dec. 2016	Jan. 2017
BT34	Zinc and metal roofing (except copper)	113.1	117.2	117.1
BT35	Asphalt shingles roofing	112.9	113.9	113.9
BT38	Sanitary plumbing (including apparatus)	107.2	108.0	108.3
BT40	Central heating (excluding electrical heating)	104.5	104.4	105.0
BT41	Ventilation and air conditioning	108.0	108.3	108.4
BT42	Joinery of steel and locksmiths	102.1	103.2	105.1
BT43	Aluminium alloy joinery	105.2	106.0	105.6
BT45	Glazing works - Mirror works	109.5	109.8	111.0
BT46	Painting. wall hanging. wall coverings	108.3	108.3	108.3
BT47	Electricity	105.3	105.6	106.4
BT48	Elevators	105.4	106.0	106.4
BT49	Ribbed sheet steel roofing and cladding with waterproofing membrane	105.5	106.1	106.1
BT50	All trades maintenance (in existing buildings)	107.3	107.7	108.1
BT51	PVC joinery	104.5	105.8	105.5
BT52	Exterior waterproofing coatings	108.2	108.6	110.1
BT53	Waterproofing works	104.0	104.3	105.1
BT54	Wood framework	105.6	106.2	106.7
<b>BT01</b>	<b>(Construction of new buildings) All trades works</b>	<b>104.9</b>	<b>105.2</b>	<b>105.7</b>

Source: INSEE

## Civil engineering indices

2010 = 100

Heading		Nov. 2016	Dec. 2016	Jan. 2017
TP02	New civil engineering and structure works. or renovation	106.2	106.5	107.0
TP03a	Large-scale excavation works	104.9	105.2	105.8
TP03b	Blasting works	103.2	103.8	104.0
TP04	Foundations and geotechnical works	103.5	104.1	104.8
TP05a	Traditional underground works	103.9	104.3	104.7
TP05b	Underground works in tunnel boring machines	104.5	104.7	105.2
TP06a	Large-scale marine dredging	102.1	104.9	105.9
TP06b	River dredging and small marine dredging	103.2	103.9	104.4
TP07b	Civil works. concrete and steel for maritime works	96.2	97.3	98.5
TP08	Roads development works and maintenance	100.8	101.5	103.2
TP09	Making and implementation of mixes	93.1	94.3	98.6
TP10a	Pipe works. sanitation and water supply. with supply of pipes	105.8	105.8	106.1
TP10b	Pipe works. with no supply of pipes	107.9	107.9	108.5
TP10c	Rehabilitation of non-visitable pipes	105.8	105.5	107.0
TP11	Long-distance transport / transfer pipelines. pipes supplied	100.0	100.1	100.2
TP12a	Energy and communication networking	105.9	106.3	107.0
TP12b	Public lighting Installation works	104.1	104.3	104.8
TP12c	Public lighting Maintenance works	108.2	108.2	108.7
TP13	Carpentry and metal art works	103.4	104.0	104.1
TP14	Underwater works by divers	107.8	108.3	108.8
<b>TP01</b>	<b>All works General index</b>	<b>103.3</b>	<b>103.7</b>	<b>104.9</b>

Source: INSEE

## Various indices for construction

2010 = 100

Heading		Nov. 2016	Dec. 2016	Jan. 2017
TRBT	Road transport item of Building indices	102.9	103.3	104.8
TRTP	Road transport item of Civil Engineering indices	105.7	106.1	106.1
MABTGO	Equipment item of building structural works indices	107.6	107.8	107.3
MABTSO	Equipment item of building finishing works indices	111.4	111.0	112.3
MATP	Equipment item for civil engineering indices	103.8	103.6	103.7
FD	Miscellaneous costs item of Building and Civil engineering indices	101.2	102.0	101.0
FG	Provision of grains	130.1	130.1	140.7
FV	Provision of plants	102.4	102.4	102.4
EV1	Plant covering	116.4	116.6	120.7
EV2	Application of phytosanitary products	105.1	105.2	105.4
EV3	Creation of greens	108.6	108.9	109.8
EV4	Maintenance of greens	109.3	109.6	110.4
PMR	Road marking products	105.0	105.0	105.3
TSH	Road marking works	104.1	104.1	104.9
ING	Engineering	110.2	110.5	110.9

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		Nov. 2016	Dec. 2016	Jan. 2017
IM	Index for updating material assets in construction	1.0900	1.0965	1.1139

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](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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