

Informations *Rapides*

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

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

Building indices

2010 = 100

Heading		Oct. 2017	Nov. 2017	Dec. 2017
BT02	Earthworks	108.3	108.8	109.0
BT03	Masonry and concrete pipes (except frame, reinforced concrete, tiling, coatings and plastering)	107.4	107.9	108.1
BT06	Framework, reinforced concrete structures	105.8	105.5	106.0
BT07	Framework and metal frames	107.1	107.4	108.7
BT08	Plaster and prefabricated plaster	106.7	106.9	107.1
BT09	Ceramic coatings and tiles	106.5	106.9	107.0
BT10	Plastic coatings	108.1	107.4	108.2
BT11	Synthetic textile coatings	110.2	111.0	110.7
BT12	Natural textile coatings	109.5	110.3	109.9
BT14	Coatings in cut natural stone plate and similar products	111.7	111.7	111.8
BT16b	Wood frame	108.5	108.7	109.0
BT18a	Interior joinery	109.2	109.2	109.9
BT19b	Exterior joinery	109.4	109.5	109.9
BT26	Plastic bay closing works including PVC window	107.6	108.0	107.0
BT27	Aluminium bay window closing works	107.9	108.1	108.6
BT28	Ferrous metals bay closing works	108.2	107.9	108.5
BT30	Schist slates roofing	112.1	112.3	112.5
BT32	Baked clay tiles roofing	110.5	110.7	110.5
BT33	Concrete tiles roofing	109.7	109.4	109.8

Heading		Oct. 2017	Nov. 2017	Dec. 2017
BT34	Zinc and metal roofing (except copper)	120.7	121.0	121.0
BT35	Asphalt shingles roofing	117.2	117.5	117.5
BT38	Sanitary plumbing (including apparatus)	109.8	109.6	109.9
BT40	Central heating (excluding electrical heating)	105.9	105.7	106.0
BT41	Ventilation and air conditioning	108.6	108.6	108.8
BT42	Joinery of steel and locksmiths	108.1	108.3	108.6
BT43	Aluminium alloy joinery	107.8	107.8	108.3
BT45	Glazing works - Mirror works	112.5	112.6	112.8
BT46	Painting, wall hanging, wall coverings	109.5	109.9	110.2
BT47	Electricity	107.0	107.0	107.3
BT48	Elevators	108.3	108.5	108.6
BT49	Ribbed sheet steel roofing and cladding with waterproofing membrane	108.7	108.6	109.1
BT50	All trades maintenance (in existing buildings)	109.4	109.5	109.7
BT51	PVC joinery	105.9	105.2	106.1
BT52	Exterior waterproofing coatings	112.0	112.3	112.5
BT53	Waterproofing works	107.5	108.3	108.4
BT54	Wood framework	107.5	107.6	107.9
BT01	(Construction of new buildings) All trades works	107.1	107.2	107.4

Source: INSEE

Civil engineering indices

2010 = 100

Heading		Oct. 2017	Nov. 2017	Dec. 2017
TP02	New civil engineering and structure works, or renovation	109.6	110.4	110.7
TP03a	Large-scale excavation works	106.3	106.6	106.5
TP03b	Blasting works	105.0	105.0	105.0
TP04	Foundations and geotechnical works	107.4	108.3	108.4
TP05a	Traditional underground works	107.2	107.9	108.0
TP05b	Underground works in tunnel boring machines	107.1	107.8	107.9
TP06a	Large-scale marine dredging	105.9	107.2	107.2
TP06b	River dredging and small marine dredging	104.9	105.2	105.4
TP07b	Civil works, concrete and steel for maritime works	102.5	101.6	103.2
TP08	Roads development works and maintenance	103.0	103.5	104.1
TP09	Making and implementation of mixes	97.4	98.4	99.8
TP10a	Pipe works, sanitation and water supply, with supply of pipes	107.0	107.2	107.3
TP10b	Pipe works, with no supply of pipes	109.1	109.3	109.3
TP10c	Rehabilitation of non-visitable pipes	108.8	108.5	108.9
TP11	Long-distance transport / transfer pipelines, pipes supplied	101.9	101.7	101.6
TP12a	Energy and communication networking except fiber optics	107.9	108.1	108.2
TP12b	Public lighting Installation works	105.7	105.5	105.8
TP12c	Public lighting Maintenance works	109.5	109.6	109.8
TP12d	Fiber optic networks	110.1	110.2	110.3
TP13	Carpentry and metal art works	106.1	106.0	106.5
TP14	Underwater works by divers	109.8	110.1	110.3
TP01	All works General index	105.7	106.1	106.4

Source: INSEE

Various indices for construction

2010 = 100

Heading		Oct. 2017	Nov. 2017	Dec. 2017
TRBT	Road transport item of Building indices	104.9	105.6	105.7
TRTP	Road transport item of Civil Engineering indices	105.0	105.0	105.6
MABTGO	Equipment item of building structural works indices	106.9	106.9	107.0
MABTSO	Equipment item of building finishing works indices	109.3	110.3	110.9
MATP	Equipment item for civil engineering indices	103.7	103.5	103.6
FD	Miscellaneous costs item of Building and Civil engineering indices	101.4	101.1	101.9
FG	Provision of grains	126.4	126.4	126.4
FV	Provision of plants	103.3	103.3	103.3
EV1	Plant covering	116.5	116.7	116.8
EV2	Application of phytosanitary products	104.5	104.6	104.4
EV3	Creation of greens	110.4	110.7	110.8
EV4	Maintenance of greens	111.3	111.8	112.2
PMR	Road marking products	111.5	111.5	111.5
TSH	Road marking works	108.3	108.3	108.3
ING	Engineering	111.6	111.9	112.1

Note: Indices "FG: Provision of grains", "PMR: Roads marking products" and "TSH: Road marking work" are quarterly. Index "FV: Provision of plants" is yearly. The FV index is constant from September to August of the following year.

Source: INSEE

Index for updating material assets in construction

2010=1

Heading		Oct. 2017	Nov. 2017	Dec. 2017
IM	Index for updating material assets in construction	1.1155	1.1098	1.1326

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.

Calculation method

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 <https://www.insee.fr/en/information/2512785> :

- Building cost of production indices at <https://www.insee.fr/en/statistiques/series/103173847?INDICATEUR=2327743>
- Civil engineering cost of production indices at <https://www.insee.fr/en/statistiques/series/103173847?INDICATEUR=2327744>
- Various cost of production indices in construction at <https://www.insee.fr/en/statistiques/series/103173847?INDICATEUR=2327745>
- Index for updating material assets in construction at <https://www.insee.fr/en/statistiques/series/103173847?INDICATEUR=2327746>
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