

Informations *Rapides*

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

Building indices, Civil engineering indices and various indices for construction in September 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.

Building indices

2010 = 100

| Heading | | July 2015 | August 2015 | Sept. 2015 |
|---------|---|-----------|-------------|------------|
| BT02 | Earthworks | 106.5 | 105.7 | 105.1 |
| BT03 | Masonry and concrete pipes (except frame, reinforced concrete, tiling, coatings and plastering) | 105.0 | 104.9 | 104.3 |
| BT06 | Framework, reinforced concrete structures | 103.3 | 103.1 | 102.6 |
| BT07 | Framework and metal frames | 101.7 | 100.6 | 100.0 |
| BT08 | Plaster and prefabricated plaster | 104.3 | 104.3 | 104.1 |
| BT09 | Ceramic coatings and tiles | 103.4 | 103.7 | 103.4 |
| BT10 | Plastic coatings | 106.8 | 107.2 | 106.5 |
| BT11 | Synthetic textile coatings | 108.3 | 108.6 | 108.5 |
| BT12 | Natural textile coatings | 108.0 | 108.1 | 108.1 |
| BT14 | Coatings in cut natural stone plate and similar products | 108.7 | 109.0 | 108.7 |
| BT16b | Wood frame | 105.1 | 104.8 | 104.7 |
| BT18a | Interior joinery | 106.1 | 106.0 | 106.0 |
| BT19b | Exterior joinery | 106.0 | 105.9 | 105.9 |
| BT26 | Plastic bay closing works including PVC window | 103.7 | 104.4 | 104.9 |
| BT27 | Aluminium bay window closing works | 105.7 | 104.7 | 103.9 |
| BT28 | Ferrous metals bay closing works | 101.9 | 101.9 | 101.1 |
| BT30 | Schist slates roofing | 108.2 | 107.5 | 107.7 |
| BT32 | Baked clay tiles roofing | 106.9 | 106.6 | 106.2 |
| BT33 | Concrete tiles roofing | 106.2 | 105.9 | 106.5 |

| Heading | | July 2015 | August 2015 | Sept. 2015 |
|---------|---|--------------|--------------|--------------|
| BT34 | Zinc and metal roofing (except copper) | 109.1 | 107.6 | 106.3 |
| BT35 | Asphalt shingles roofing | 112.0 | 113.3 | 111.5 |
| BT38 | Sanitary plumbing (including apparatus) | 107.8 | 107.4 | 107.1 |
| BT40 | Central heating (excluding electrical heating) | 103.8 | 103.9 | 103.5 |
| BT41 | Ventilation and air conditioning | 107.8 | 107.5 | 107.4 |
| BT42 | Joinery of steel and locksmiths | 101.4 | 100.9 | 100.4 |
| BT43 | Aluminium alloy joinery | 105.7 | 104.9 | 104.5 |
| BT45 | Glazing works - Mirror works | 106.9 | 107.2 | 107.1 |
| BT46 | Painting, wall hanging, wall coverings | 106.9 | 107.2 | 106.9 |
| BT47 | Electricity | 104.6 | 104.4 | 104.3 |
| BT48 | Elevators | 105.1 | 104.8 | 104.2 |
| BT49 | Ribbed sheet steel roofing and cladding with waterproofing membrane | 105.8 | 105.4 | 104.8 |
| BT50 | All trades maintenance (in existing buildings) | 106.3 | 106.2 | 105.9 |
| BT51 | PVC joinery | 105.1 | 105.2 | 104.5 |
| BT52 | Exterior waterproofing coatings | 107.4 | 106.8 | 106.2 |
| BT53 | Waterproofing works | 103.6 | 103.0 | 103.1 |
| BT54 | Wood framework | 104.5 | 104.2 | 104.1 |
| BT01 | (Construction of new buildings) All trades works | 104.6 | 104.5 | 104.0 |

Source: INSEE

Civil engineering indices

2010 = 100

| Heading | | July 2015 | August 2015 | Sept. 2015 |
|---------|---|--------------|--------------|--------------|
| TP02 | New civil engineering and structure works, or renovation | 106.2 | 106.2 | 105.6 |
| TP03a | Large-scale excavation works | 104.9 | 104.4 | 104.2 |
| TP03b | Blasting works | 103.2 | 102.7 | 102.7 |
| TP04 | Foundations and geotechnical works | 104.2 | 103.7 | 103.2 |
| TP05a | Traditional underground works | 104.4 | 104.4 | 103.5 |
| TP05b | Underground works in tunnel boring machines | 104.7 | 104.6 | 103.8 |
| TP06a | Large-scale marine dredging | 101.4 | 98.7 | 98.2 |
| TP06b | River dredging and small marine dredging | 103.4 | 102.3 | 102.2 |
| TP07b | Civil works, concrete and steel for maritime works | 97.6 | 97.7 | 96.7 |
| TP08 | Roads development works and maintenance | 102.1 | 101.0 | 99.4 |
| TP09 | Making and implementation of mixes | 95.7 | 93.0 | 89.2 |
| TP10a | Pipe works, sanitation and water supply, with supply of pipes | 106.0 | 105.9 | 105.4 |
| TP10b | Pipe works, with no supply of pipes | 106.9 | 106.9 | 106.5 |
| TP10c | Rehabilitation of non-visitable pipes | 108.4 | 107.0 | 105.2 |
| TP11 | Long-distance transport / transfer pipelines, pipes supplied | 101.8 | 101.4 | 100.6 |
| TP12a | Energy and communication networking | 106.2 | 105.9 | 105.5 |
| TP12b | Public lighting Installation works | 104.3 | 104.1 | 103.8 |
| TP12c | Public lighting Maintenance works | 106.8 | 106.8 | 106.6 |
| TP13 | Carpentry and metal art works | 102.8 | 102.3 | 101.7 |
| TP14 | Underwater works by divers | 106.9 | 106.6 | 106.0 |
| TP01 | All works General index | 103.6 | 102.9 | 101.9 |

Source: INSEE

Various indices for construction

2010 = 100

| Heading | | July 2015 | August 2015 | Sept. 2015 |
|---------|--|-----------|-------------|------------|
| TRBT | Road transport item of Building indices | 103.4 | 102.3 | 101.9 |
| TRTP | Road transport item of Civil Engineering indices | 104.8 | 104.8 | 104.2 |
| MABTGO | Equipment item of building structural works indices | 106.7 | 106.7 | 106.5 |
| MABTSO | Equipment item of building finishing works indices | 108.5 | 107.7 | 110.4 |
| MATP | Equipment item for civil engineering indices | 103.5 | 103.4 | 103.1 |
| FD | Miscellaneous costs item of Building and Civil engineering indices | 102.5 | 102.2 | 100.7 |
| FG | Provision of grains | 129.0 | 129.0 | 129.0 |
| FV | Provision of plants | 102.5 | 102.5 | 102.4 |
| EV1 | Plant covering | 115.0 | 114.9 | 114.7 |
| EV2 | Application of phytosanitary products | 104.2 | 104.0 | 103.8 |
| EV3 | Creation of greens | 107.3 | 107.1 | 106.9 |
| EV4 | Maintenance of greens | 108.2 | 107.7 | 107.2 |
| PMR | Road marking products | 107.0 | 107.0 | 107.0 |
| TSH | Road marking works | 105.0 | 105.0 | 105.0 |
| ING | Engineering | 108.7 | 108.5 | 108.3 |

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 | | July 2015 | August 2015 | Sept. 2015 |
|---------|--|-----------|-------------|------------|
| IM | Index for updating material assets in construction | 1.0533 | 1.0560 | 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 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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