

# Informations *Rapides*

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

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

### Building indices

2010 = 100

|       | Heading                                                                                         | Aug.<br>2017 | Sept.<br>2017 | Oct.<br>2017 |
|-------|-------------------------------------------------------------------------------------------------|--------------|---------------|--------------|
| BT02  | Earthworks                                                                                      | 108.0        | 108.1         | 108.3        |
| BT03  | Masonry and concrete pipes (except frame. reinforced concrete. tiling. coatings and plastering) | 106.7        | 106.8         | 107.4        |
| BT06  | Framework. reinforced concrete structures                                                       | 105.5        | 105.4         | 105.8        |
| BT07  | Framework and metal frames                                                                      | 105.1        | 105.2         | 107.1        |
| BT08  | Plaster and prefabricated plaster                                                               | 106.4        | 106.6         | 106.7        |
| BT09  | Ceramic coatings and tiles                                                                      | 106.3        | 106.4         | 106.5        |
| BT10  | Plastic coatings                                                                                | 108.5        | 108.1         | 108.1        |
| BT11  | Synthetic textile coatings                                                                      | 109.9        | 110.1         | 110.2        |
| BT12  | Natural textile coatings                                                                        | 109.2        | 109.4         | 109.5        |
| BT14  | Coatings in cut natural stone plate and similar products                                        | 111.3        | 111.6         | 111.7        |
| BT16b | Wood frame                                                                                      | 108.2        | 108.0         | 108.5        |
| BT18a | Interior joinery                                                                                | 109.6        | 108.9         | 109.2        |
| BT19b | Exterior joinery                                                                                | 109.4        | 109.2         | 109.4        |
| BT26  | Plastic bay closing works including PVC window                                                  | 106.0        | 106.3         | 107.6        |
| BT27  | Aluminium bay window closing works                                                              | 106.8        | 107.5         | 107.9        |
| BT28  | Ferrous metals bay closing works                                                                | 107.8        | 107.8         | 108.2        |
| BT30  | Schist slates roofing                                                                           | 111.4        | 111.6         | 112.1        |
| BT32  | Baked clay tiles roofing                                                                        | 110.0        | 110.0         | 110.5        |
| BT33  | Concrete tiles roofing                                                                          | 109.5        | 109.3         | 109.7        |

|      | Heading                                                             | Aug.<br>2017 | Sept.<br>2017 | Oct.<br>2017 |
|------|---------------------------------------------------------------------|--------------|---------------|--------------|
| BT34 | Zinc and metal roofing (except copper)                              | 117.5        | 118.6         | 120.7        |
| BT35 | Asphalt shingles roofing                                            | 117.1        | 116.7         | 117.2        |
| BT38 | Sanitary plumbing (including apparatus)                             | 109.7        | 109.7         | 109.8        |
| BT40 | Central heating (excluding electrical heating)                      | 105.8        | 105.5         | 105.9        |
| BT41 | Ventilation and air conditioning                                    | 108.6        | 108.4         | 108.6        |
| BT42 | Joinery of steel and locksmiths                                     | 107.5        | 107.6         | 108.1        |
| BT43 | Aluminium alloy joinery                                             | 107.2        | 107.5         | 107.8        |
| BT45 | Glazing works - Mirror works                                        | 112.4        | 112.4         | 112.5        |
| BT46 | Painting. wall hanging. wall coverings                              | 109.8        | 109.5         | 109.5        |
| BT47 | Electricity                                                         | 106.8        | 106.8         | 107.0        |
| BT48 | Elevators                                                           | 107.8        | 108.0         | 108.3        |
| BT49 | Ribbed sheet steel roofing and cladding with waterproofing membrane | 108.3        | 108.7         | 108.7        |
| BT50 | All trades maintenance (in existing buildings)                      | 109.2        | 109.1         | 109.4        |
| BT51 | PVC joinery                                                         | 106.2        | 105.9         | 105.9        |
| BT52 | Exterior waterproofing coatings                                     | 111.3        | 111.4         | 112.0        |
| BT53 | Waterproofing works                                                 | 107.2        | 107.3         | 107.5        |
| BT54 | Wood framework                                                      | 107.1        | 107.0         | 107.5        |
| BT01 | <b>(Construction of new buildings)<br/>All trades works</b>         | <b>106.6</b> | <b>106.7</b>  | <b>107.1</b> |

Source: INSEE

## Civil engineering indices

2010 = 100

|       | Heading                                                       | Aug. 2017    | Sept. 2017   | Oct. 2017    |
|-------|---------------------------------------------------------------|--------------|--------------|--------------|
| TP02  | New civil engineering and structure works. or renovation      | 108.4        | 108.8        | 109.6        |
| TP03a | Large-scale excavation works                                  | 106.0        | 106.2        | 106.3        |
| TP03b | Blasting works                                                | 104.5        | 104.7        | 105.0        |
| TP04  | Foundations and geotechnical works                            | 106.0        | 106.6        | 107.4        |
| TP05a | Traditional underground works                                 | 106.4        | 106.5        | 107.2        |
| TP05b | Underground works in tunnel boring machines                   | 106.5        | 106.6        | 107.1        |
| TP06a | Large-scale marine dredging                                   | 105.1        | 105.2        | 105.9        |
| TP06b | River dredging and small marine dredging                      | 104.4        | 104.8        | 104.9        |
| TP07b | Civil works. concrete and steel for maritime works            | 102.8        | 102.3        | 102.5        |
| TP08  | Roads development works and maintenance                       | 102.4        | 102.6        | 103.0        |
| TP09  | Making and implementation of mixes                            | 95.8         | 96.4         | 97.4         |
| TP10a | Pipe works. sanitation and water supply. with supply of pipes | 106.8        | 106.8        | 107.0        |
| TP10b | Pipe works. with no supply of pipes                           | 109.0        | 109.1        | 109.1        |
| TP10c | Rehabilitation of non-visitable pipes                         | 107.9        | 108.5        | 108.8        |
| TP11  | Long-distance transport / transfer pipelines. pipes supplied  | 102.1        | 101.4        | 101.9        |
| TP12a | Energy and communication networking except fiber optics       | 107.6        | 107.7        | 107.9        |
| TP12b | Public lighting Installation works                            | 105.2        | 105.1        | 105.7        |
| TP12c | Public lighting Maintenance works                             | 109.1        | 109.3        | 109.5        |
| TP12d | Fiber optic networks                                          | 109.8        | 110.0        | 110.1        |
| TP13  | Carpentry and metal art works                                 | 104.7        | 106.1        | 106.1        |
| TP14  | Underwater works by divers                                    | 109.9        | 109.7        | 109.8        |
| TP01  | <b>All works General index</b>                                | <b>105.0</b> | <b>105.2</b> | <b>105.7</b> |

Source: INSEE

## Various indices for construction

2010 = 100

|        | Heading                                                            | Aug. 2017 | Sept. 2017 | Oct. 2017 |
|--------|--------------------------------------------------------------------|-----------|------------|-----------|
| TRBT   | Road transport item of Building indices                            | 104.3     | 104.8      | 104.9     |
| TRTP   | Road transport item of Civil Engineering indices                   | 105.0     | 105.0      | 105.0     |
| MABTGO | Equipment item of building structural works indices                | 107.7     | 107.4      | 106.9     |
| MABTSO | Equipment item of building finishing works indices                 | 109.6     | 109.3      | 109.3     |
| MATP   | Equipment item for civil engineering indices                       | 103.9     | 103.9      | 103.7     |
| FD     | Miscellaneous costs item of Building and Civil engineering indices | 102.5     | 101.1      | 101.4     |
| FG     | Provision of grains                                                | 127.0     | 127.0      | 126.4     |
| FV     | Provision of plants                                                | 102.4     | 103.3      | 103.3     |
| EV1    | Plant covering                                                     | 116.3     | 116.5      | 116.5     |
| EV2    | Application of phytosanitary products                              | 104.7     | 104.9      | 104.5     |
| EV3    | Creation of greens                                                 | 109.8     | 110.2      | 110.4     |
| EV4    | Maintenance of greens                                              | 110.9     | 111.3      | 111.3     |
| PMR    | Road marking products                                              | 106.1     | 106.1      | 111.5     |
| TSH    | Road marking works                                                 | 105.2     | 105.2      | 108.3     |
| ING    | Engineering                                                        | 111.3     | 111.3      | 111.6     |

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                                            | Aug. 2017 | Sept. 2017 | Oct. 2017 |
|----|----------------------------------------------------|-----------|------------|-----------|
| IM | Index for updating material assets in construction | 1.1280    | 1.1163     | 1.1155    |

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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