

## Methodical notes

### Introductory Note

Trends of construction price indices are divided into construction work by CZ-CPA 45 and types of constructions by CZ-CC. The individual price indices for the representatives are aggregated into aggregate indices for groups of representatives and then into an aggregate index for the whole set of the representatives. The aggregation is done by means of weighted arithmetic mean of individual indices. Price indices based on the average 2005 are published since 2007. A new weighting scheme was put in use in 2007 too.

### Price indices of construction work and types of constructions

The price indices are calculated for prices of samples of representatives and for selected reporting units by aggregating simple price indices into an aggregate using a modified Laspeyers formula. The calculation uses 2005 constant weights.

$$I = \frac{\sum \frac{p_1}{p_0} p_0 q_0}{\sum p_0 q_0} * 100$$

$p_1$  = the reference period price,

$p_0$  = the basic period price,

$p_0 q_0$  = the constant weight (2005 revenues).

The price index of construction work has been calculated quarterly from prices collected on national questionnaires. The questionnaire included 141 price representatives. The reporting network established by purposive embraced about 750 respondents of all size classes and different legal forms. The prices are those agreed between the supplier and consumer for an unit of domestic construction work, realized by own workers all over the state territory of Czech Republic. Construction work prices are surveyed the second month of the particular quarter, and are exclusive of VAT.

The concept of the net price indices is used and it means price accumulattion due to a change in technology or change in material of construction isn't included in the price index.

### Average prices of representative construction works

There are an average prices in the table No. 6 "Average prices of representative construction works" in czech language only. The table represents partikular examples of construction works in the czech crown.

Published data were calculated from 13 232 forms "Ceny Stav 1-04" in this calendar quarter.

### Price indices of construction output costs

The index scheme contains 113 four-figure division of CZ-CPA 45. An input indices are took over from industrial producer price indices. Price indices include salaries of individual profession's workers or inland freight transport. Indices of an outgoings are professionally estimated and extrapolate values used in past time.

### **Price indices of material inputs of construction output**

Price index calculation of material inputs of construction output is a partial section of price index of construction output cost's calculation. Industrial producer price indices (material, product and raw product price indices and machines or device in use) are the input values.