

Methodological sheet

Price index of market services

I. Definition and content

Price surveys of these market services, which are aggregated into complete price index, include selected services contained in the Statistical classification of production (CZ-CPA) in the following divisions: 49 – 51, 52, 53, 61, 62, 63, 64, 65, 68, 69, 71, 73, 74, 77, 78, 80, 81, 82.

II. Sources and methodology of ascertainment

The prices are ascertained by the Czech Statistical Office selected reporting units which provide market services designed predominantly for businessmen on the statistical statements.

III. Break-down

The data published in the database are the following:

- a) previous period = 100
- b) corresponding period of the previous year = 100
- c) 2015 average = 100
- d) ratio of two rolling averages of the type "c" index (the average of last 12 months' index numbers to the average for previous 12 months)

IV. Method of calculation

The price indices calculations are based on the prices of selective files of representatives and selected reporting units by aggregating simple price indices into an aggregate using a modified Laspeyres formula. The calculation uses constant weights of the basic period.

$$I = \frac{\sum \frac{P_1}{P_0} \cdot p_0 \cdot q_0}{\sum p_0 \cdot q_0}$$

p_1 - price in the period under review

p_0 - price in the basic period

$p_0 q_0$ - constant weight - value indicator of the basic period

Price indexes are calculated on new weights since January 2018, derived from structure of sales of the year 2015. The base period for the calculation of the price index of market services is 2015 average = 100. Historical data (to December 2017) are not revised, only recalculated to a new index basis 2015 average = 100.

V. Change in methodology

Apart from the revisions, no significant changes are carried out.