

# Standard documentation Meta information

(Definitions, comments, methods, quality)

on

## Construction cost and construction price

This documentation is valid for the reference period:  
**2021 due to 2025 (with the base 2020)**

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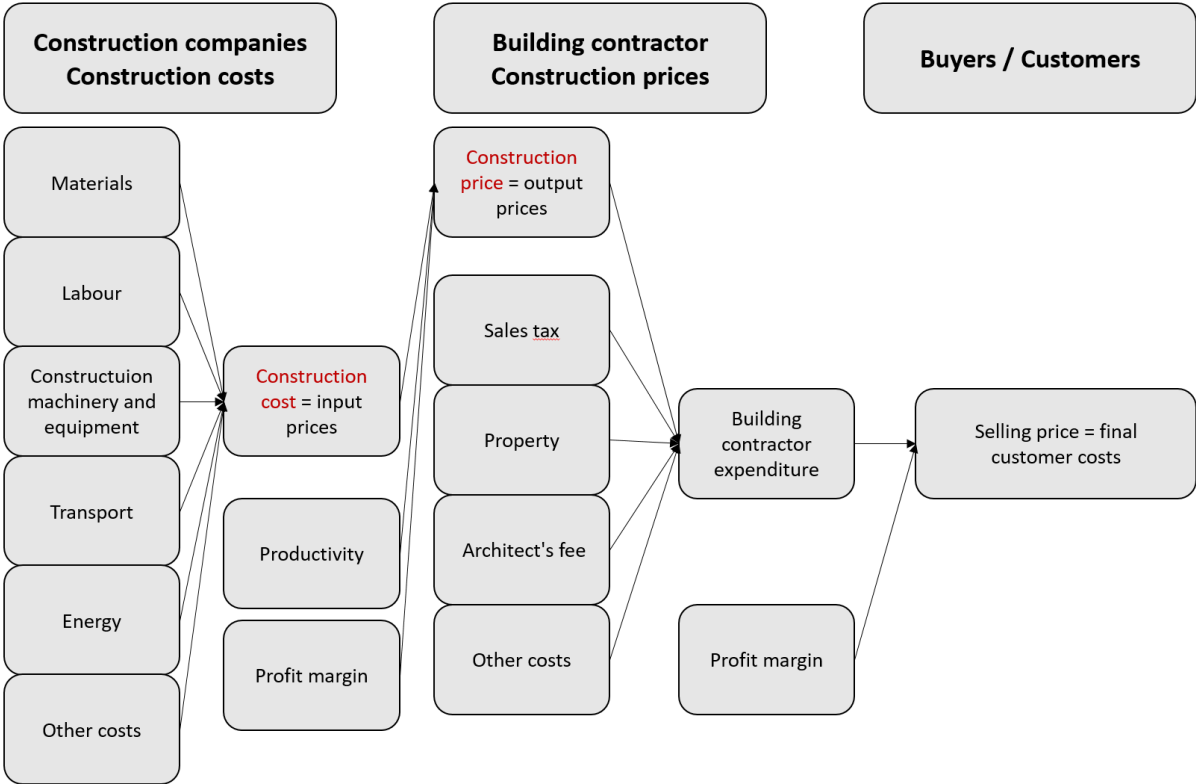
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# Executive Summary

The **construction cost** and **construction price index** are important components of the price-statistical system.

The construction cost index (CCI) observes the monthly development of costs that construction companies (**input variable**) incur when performing construction activities as a result of changes to fundamental costs (materials and labour).

The construction price index (CPI) provides quarterly information on the change in actual prices that the constructor has to pay for construction activities (**output variable**) and serves as a deflator to determine the real change in construction output figures.



**Figure: Connection between construction costs and construction prices<sup>1</sup>**

For both indices, the **Laspeyres index formula** (fixed basket of goods, fixed weighting) is used for the calculations. The basket of goods and weight information are derived from calculations and tender documents of relevant construction projects. In addition, the regional weights for the building construction in the construction price index are coming from data of the industrial output surveys (sold production/

<sup>1</sup> Source: Eurostat-methodological manual for short-term economic indicators, Version 2 (1998), p. 160

production realization volume). Extensive revisions of the basket and weighting are done every five years.

Between the two indices there are essential differences in methodologies, due to varying availability of primary and secondary sources in the various construction sectors.

The CCI is mainly used for contractual agreements and value-protection. The construction prices provide an important basis for the annual national accounts statistics and the computation of the production index, where the CPI is used for price adjustment of construction output values.

## Construction cost index – Main Key Points

<b>Subject matter</b>	The construction cost indices observe the development of costs that construction companies incur when performing construction activities as a result of changes to fundamental costs (materials and labour).
<b>Population</b>	Costs of construction projects for the residential buildings, road and bridge construction as well as sanitary engineering.
<b>Type of statistics</b>	Price indices
<b>Data sources/Survey techniques</b>	<p>Price information: Secondary statistics from the wholesale price index, industrial output price index, consumer price index, professional associations as well as <a href="#">collective labour agreements</a> and in addition four product groups are collected through a primary survey.</p> <p>Weight information: Calculation documents from relevant construction projects</p>
<b>Reference period or due day</b>	Calendar month, reporting date is the 15th of every month
<b>Periodicity</b>	Monthly
<b>Survey participation (in case of a survey)</b>	<a href="#">Voluntary</a>
<b>Main legal acts</b>	<p>National: <a href="#">BGBl. II Nr. 147/2007</a> (last adaption: <a href="#">BGBl. II Nr. 67/2022</a>)</p> <p>EU: <a href="#">ESVG, (EG) Nr. 1165/98</a>, <a href="#">(EG) Nr. 1158/2005</a> (only for residential buildings)</p>
<b>Most detailed regional breakdown</b>	Federal State
<b>Availability of results</b>	<p>preliminary data: t + 15, t+45 (first revision)</p> <p>final data: t + 75</p>
<b>Other</b>	<p>Main aggregates supplied:</p> <ul style="list-style-type: none"> <li>CCI residential buildings</li> <li>CCI road construction</li> <li>CCI bridge construction</li> <li>CCI sanitary engineering</li> </ul>

## Construction price index – Main Key Points

<b>Subject matter</b>	The construction output price index provides information on the change in actual prices that the constructor has to pay for construction activities and serves as a deflator to determine the real change in construction output figures.
<b>Population</b>	Prices of construction projects for building construction and civil engineering throughout Austria.
<b>Type of statistics</b>	Price indices
<b>Data sources/Survey techniques</b>	<p><b>Price informations:</b></p> <p>Building construction: mandatory primary statistical price survey with approx. 1 160 companies which quarterly results into approx. 4 850 price informations</p> <p>Civil engineering: secondary data from the nine regional building management institutions and special-purpose associations as well as civil engineers (approx. 5 000 price informations quarterly)</p> <p>Weight informations: tender documents from relevant construction projects</p>
<b>Reference period or due day</b>	Quarter, survey reference day for building construction is the 15th of the second month in the respective quarter and for civil engineering it is the last day of each quarter
<b>Periodicity</b>	Quartely
<b>Survey participation (in case of a survey)</b>	Mandatory
<b>Main legal acts</b>	<p>National: <a href="#">BGBl. II Nr. 147/2007</a> (last adaption: <a href="#">BGBl. II Nr. 67/2022</a>)</p> <p>EU: EBS-regulation (European Business Statistics): Commission Implementing Regulation 2020/1197</p>
<b>Most detailed regional breakdown</b>	<p>Civil engineering: federal state</p> <p>Building construction: <a href="#">NUTS 1</a> und <a href="#">NUTS 2</a></p>
<b>Availability of results</b>	final data: t + 40
<b>Other</b>	<p><b>Construction price index (CPI) Total (Building construction and civil engineering)</b></p> <p>Other subdivisions:</p> <p>CPI building construction</p> <ul style="list-style-type: none"> <li>• CPI residential buildings</li> <li>• CPI other building construction</li> </ul> <p>CPI civil engineering</p> <ul style="list-style-type: none"> <li>• CPI road construction</li> <li>• CPI bridge construction</li> <li>• CPI other civil engineering</li> </ul>