

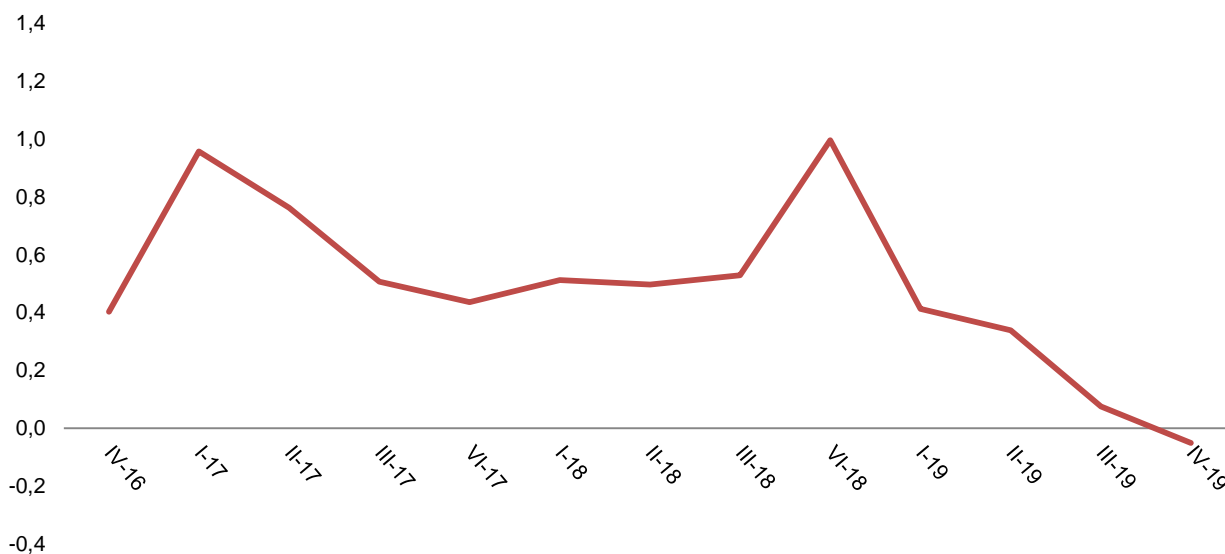
# Construction Cost Index for Dwellings

## Fourth quarter, 2019

**Tirana, on 4 March 2020:** In the fourth quarter 2019, Construction Cost Index for Dwellings reached 104,1 and the annual change has decreased by 0.1 %.

Compared with the fourth quarter of 2018, “Material expenditures” and “Other expenditures” groups decreased respectively by 0.9 %. On the other side “Machinery expenditures” and “Salary expenditures” groups increased by 0.8 % and 0.5 % followed by “Transport expenditures” group by 0.3 %.

**Fig. 1 Annual changes of Construction Cost Index for Dwellings**



**In the fourth quarter of 2019, the quarterly change of the CCI for dwellings increased by 0.4 %.** Compared with the previous quarter, “Transport expenditures”, “Machinery expenditures” and “Salary expenditures” groups increased respectively by 1.6 %, 0.9 % and 0.4 % followed by “Other expenditures” by 0.1 %. On the other side “Material expenditures” have not changed.

**Tab. 1 Construction Cost Index for Dwellings**

First quarter 2011=100

Code	Groups	Weights	IV-2016	I-2017	II-2017	III-2017	IV-2017	I-2018	II-2018	III-2018	IV-2018	I-2019	II-2019	III-2019	IV-2019
	<b>Total (1+2+3+4+5+6)</b>	<b>100.0</b>	<b>102.7</b>	<b>102.9</b>	<b>103.0</b>	<b>103.1</b>	<b>103.2</b>	<b>103.4</b>	<b>103.5</b>	<b>103.6</b>	<b>104.2</b>	<b>103.8</b>	<b>103.8</b>	<b>103.7</b>	<b>104.1</b>
1	Material expenditures (a+b+c)	55.2	101.4	101.8	102.8	103.1	103.0	102.3	102.0	102.5	102.4	101.9	101.7	101.5	101.5
	a. Construction materials	42.3	101.4	101.9	103.3	103.5	103.6	102.9	102.2	102.8	102.7	102.2	101.8	101.4	101.5
	b. Electric and communication materials	6.7	101.5	101.9	101.0	102.3	101.1	100.5	100.9	100.8	101.0	100.2	101.9	102.4	102.5
	c. Hydro - sanitary materials	6.2	101.4	101.5	101.4	101.1	100.4	100.3	101.7	102.3	102.2	101.4	101.1	101.0	100.9
2	Salary expenditures	24.6	106.9	107.5	108.7	108.7	109.6	109.4	109.4	109.6	110.8	110.7	110.3	110.9	111.4
3	Machinery expenditures	8.3	103.4	102.5	102.8	102.8	102.8	102.3	102.5	102.6	103.4	103.4	103.4	103.3	104.2
4	Transport expenditures	5.3	99.9	97.8	97.8	97.8	98.0	99.9	100.1	100.2	99.9	98.9	99.5	98.6	100.2
5	Energy expenditures	2.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
6	Other expenditures	4.5	108.0	110.9	109.6	109.3	110.8	113.0	112.1	111.6	114.5	114.8	113.6	113.2	113.4

**Tab. 2 Annual changes of Construction Cost Index for Dwellings**

Code	Groups	IV-2016/IV-2015	I-2017/I-2016	II-2017/II-2016	III-2017/III-2016	IV-2017/IV-2016	I-2018/I-2017	II-2018/II-2017	III-2018/III-2017	IV-2018/IV-2017	I-2019/I-2018	II-2019/II-2018	III-2019/III-2018	IV-2019/IV-2018
	<b>Total (1+2+3+4+5+6)</b>	<b>0.4</b>	<b>0.9</b>	<b>0.8</b>	<b>0.5</b>	<b>0.4</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>1.0</b>	<b>0.4</b>	<b>0.3</b>	<b>0.1</b>	<b>-0.1</b>
1	Material expenditures (a+b+c)	2.1	1.6	1.6	1.3	1.5	0.5	-0.8	-0.6	-0.5	-0.4	-0.3	-1.0	-0.9
	a. Construction materials	2.9	1.5	2.0	1.7	2.2	1.0	-1.1	-0.7	-0.9	-0.7	-0.4	-1.3	-1.2
	b. Electric and communication materials	-0.8	2.5	0.5	0.7	-0.5	-1.4	-0.1	-1.5	0.0	-0.3	1.0	1.6	1.4
	c. Hydro - sanitary materials	0.5	1.6	0.7	-0.2	-1.1	-1.2	0.3	1.1	1.8	1.1	-0.6	-1.2	-1.2
2	Salary expenditures	1.2	1.7	2.5	1.6	2.4	1.7	0.6	0.9	1.1	1.3	0.8	1.2	0.5
3	Machinery expenditures	0.4	-0.3	-0.2	-0.3	-0.5	-0.2	-0.3	-0.2	0.6	1.0	0.9	0.7	0.8
4	Transport expenditures	-2.5	-2.0	-1.5	-1.4	-1.9	2.1	2.3	2.5	1.9	-1.0	-0.6	-1.6	0.3
5	Energy expenditures	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Other expenditures	1.9	2.4	2.0	1.8	2.6	1.9	2.2	2.1	3.3	1.6	1.4	1.4	-0.9

**Tab. 3 Quarterly changes of Construction Cost Index for Dwellings**

Code	Groups	IV-2016/III-2016	I-2017/IV-2016	II-2017/I-2017	III-2017/II-2017	IV-2017/III-2017	I-2018/IV-2017	II-2018/I-2018	III-2018/II-2018	IV-2018/III-2018	I-2019/IV-2018	II-2019/I-2019	III-2019/II-2019	IV-2019/III-2019
	<b>Total (1+2+3+4+5+6)</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.6</b>	<b>-0.3</b>	<b>-0.0</b>	<b>-0.1</b>	<b>0.4</b>
1	Material expenditures (a+b+c)	-0.3	0.4	1.0	0.2	-0.1	-0.6	-0.3	0.5	0.0	-0.5	-0.2	-0.2	0.0
	a. Construction materials	-0.4	0.5	1.5	0.1	0.2	-0.7	-0.7	0.6	-0.1	-0.5	-0.4	-0.3	0.1
	b. Electric and communication materials	-0.1	0.4	-0.9	1.3	-1.2	-0.5	0.3	0.0	0.2	-0.8	1.6	0.5	0.1
	c. Hydro - sanitary materials	0.2	0.1	-0.1	-0.3	-0.7	-0.1	1.4	0.5	-0.1	-0.7	-0.3	-0.1	-0.1
2	Salary expenditures	0.0	0.5	1.1	0.0	0.9	-0.2	0.0	0.2	1.1	-0.1	-0.4	0.6	0.4
3	Machinery expenditures	0.2	-0.8	0.3	0.0	0.0	-0.5	0.2	0.1	0.8	-0.1	0.0	-0.1	0.9
4	Transport expenditures	0.7	-2.1	0.0	0.0	0.2	1.9	0.2	0.1	-0.3	-1.0	0.6	-0.9	1.6
5	Energy expenditures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Other expenditures	0.6	2.6	-1.1	-0.3	1.4	2.0	-0.8	-0.4	2.5	0.3	-1.0	-0.4	0.1

# Methodology

The Construction Cost Index for Dwellings (CCI) measures the price development of the production factors raw materials, labour, machinery, transports, energy and other costs that are used in building projects. The CCI is an important economic indicator for the construction sector. The main users of Construction Cost Index are the National Accounts as a deflator, Ministries, Bank of Albania, IMF, World Bank and for analysing the construction sector. The CCI from first quarter 2011 is calculated with a new basket of materials and expenditures. The new weights are calculated based on the projections for multi-dwelling buildings taken by firms. The first quarter 2011 is the base period for calculating the index (First quarter 2011=100). The new basket contains 71 items of which 66 are construction materials. The prices for construction materials collected from 165 distributors and retailers of construction materials. The data for salaries, machineries and transport collected in 65 biggest construction companies concentrated mostly in Tirana. The selection of companies is based on the volume of construction companies realized over a period of one year. The expenditure classification is based on classification of EUROSTAT for Construction Cost Index. The new CCI have six expenditure groups:

- Material Expenditures
- Salary Expenditures
- Machinery Expenditures
- Transport Expenditures
- Energy Expenditures
- Other expenditures

## Revision

Indexes may be revised due to several reasons: additional information, the methodological changes, change of base period. etc.

## Measure of index

The annual rate measures the price change between current quarter and the same quarter of the previous year.

The quarterly change measures the price between current quarter and previous quarter.