



February 8th 2021
CONSTRUCTION COST INDEX FOR NEW HOUSING
December 2021

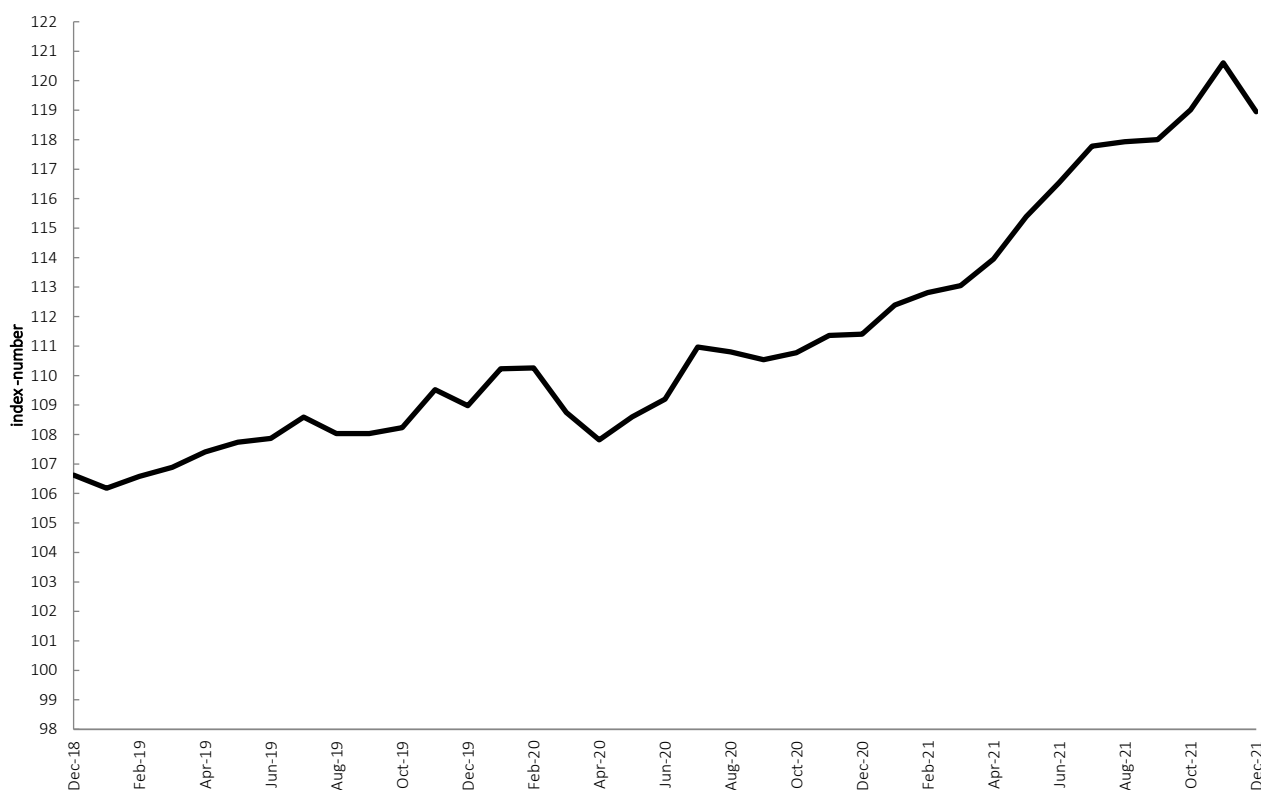
HOUSING CONSTRUCTION COSTS ROSE BY 6.8% ON A YEAR-ON-YEAR BASIS

In December, construction costs for new residential buildings are estimated to have increased by 6.8% on a year-on-year basis, 1.5 percentage points (p.p.) less than in the previous month. The price of materials and labor costs rose 8.0% and 5.1%, respectively.

In 2021 the construction costs for new residential buildings presented a medium variation of 5.7%, 3.6 p.p. higher than in 2020.

Figure 1. Construction cost index for new residential buildings

December 2018 – December 2021 (100=2015)



CONSTRUCTION COST INDEX FOR NEW HOUSING – December 2021



CONSTRUCTION COST INDEX FOR NEW HOUSING

Month	Index (100=2015)			Year-on-Year change (%)			Month-on-Month change (%)			12-month average change (%)		
	Total	Material	Labor costs	Total	Material	Labor costs	Total	Material	Labor costs	Total	Material	Labor costs
December/17	103.57	102.39	105.38	1.9	1.1	3.2	-0.3	-0.4	-0.1	1.8	1.3	2.5
January/18	103.79	102.83	105.26	1.6	0.8	2.9	0.2	0.4	-0.1	1.8	1.3	2.6
February/18	104.24	103.45	105.44	1.8	1.3	2.6	0.4	0.6	0.2	1.8	1.3	2.6
March/18	104.41	103.44	105.89	1.8	1.1	2.8	0.2	0.0	0.4	1.8	1.2	2.6
April/18	104.80	103.56	106.68	1.9	1.0	3.4	0.4	0.1	0.7	1.8	1.2	2.8
May/18	104.98	103.81	106.76	2.2	1.6	3.2	0.2	0.2	0.1	1.9	1.2	2.9
June/18	105.73	103.83	108.62	2.8	1.9	4.2	0.7	0.0	1.7	2.0	1.3	3.1
July/18	106.18	103.83	109.77	2.7	1.2	5.1	0.4	0.0	1.1	2.1	1.3	3.3
August/18	105.91	103.75	109.21	2.5	1.2	4.5	-0.3	-0.1	-0.5	2.2	1.3	3.4
September/18	105.49	103.86	107.97	2.1	1.3	3.2	-0.4	0.1	-1.1	2.1	1.3	3.4
October/18	105.62	103.92	108.21	2.1	1.4	3.2	0.1	0.1	0.2	2.2	1.3	3.5
November/18	106.73	104.08	110.78	2.8	1.3	5.0	1.1	0.2	2.4	2.2	1.2	3.6
December/18	106.62	104.11	110.45	2.9	1.7	4.8	-0.1	0.0	-0.3	2.3	1.3	3.7
January/19	106.18	104.11	109.34	2.3	1.2	3.9	-0.4	0.0	-1.0	2.3	1.3	3.8
February/19	106.58	104.47	109.80	2.2	1.0	4.1	0.4	0.3	0.4	2.4	1.3	4.0
March/19	106.89	104.46	110.59	2.4	1.0	4.4	0.3	0.0	0.7	2.4	1.3	4.1
April/19	107.41	104.70	111.53	2.5	1.1	4.5	0.5	0.2	0.8	2.5	1.3	4.2
May/19	107.74	104.99	111.93	2.6	1.1	4.8	0.3	0.3	0.4	2.5	1.3	4.3
June/19	107.87	104.44	113.11	2.0	0.6	4.1	0.1	-0.5	1.1	2.4	1.2	4.3
July/19	108.59	104.47	114.88	2.3	0.6	4.7	0.7	0.0	1.6	2.4	1.1	4.3
August/19	108.03	104.37	113.62	2.0	0.6	4.0	-0.5	-0.1	-1.1	2.4	1.1	4.2
September/19	108.03	104.62	113.23	2.4	0.7	4.9	0.0	0.2	-0.3	2.4	1.0	4.4
October/19	108.23	104.54	113.85	2.5	0.6	5.2	0.2	-0.1	0.5	2.4	1.0	4.5
November/19	109.52	104.99	116.43	2.6	0.9	5.1	1.2	0.4	2.3	2.4	0.9	4.6
December/19	108.98	105.10	114.90	2.2	1.0	4.0	-0.5	0.1	-1.3	2.3	0.9	4.5
January/20	110.23	106.32	116.20	3.8	2.1	6.3	1.1	1.2	1.1	2.5	0.9	4.7
February/20	110.26	106.26	116.36	3.5	1.7	6.0	0.0	-0.1	0.1	2.6	1.0	4.8
March/20	108.75	105.77	113.30	1.7	1.3	2.5	-1.4	-0.5	-2.6	2.5	1.0	4.7
April/20	107.82	105.54	111.29	0.4	0.8	-0.2	-0.9	-0.2	-1.8	2.3	1.0	4.3
May/20	108.60	105.52	113.30	0.8	0.5	1.2	0.7	0.0	1.8	2.2	0.9	4.0
June/20	109.20	105.23	115.24	1.2	0.8	1.9	0.6	-0.3	1.7	2.1	1.0	3.8
July/20	110.97	105.48	119.35	2.2	1.0	3.9	1.6	0.2	3.6	2.1	1.0	3.7
August/20	110.80	105.83	118.38	2.6	1.4	4.2	-0.2	0.3	-0.8	2.2	1.1	3.7
September/20	110.54	105.50	118.22	2.3	0.8	4.4	-0.2	-0.3	-0.1	2.1	1.1	3.7
October/20	110.77	105.92	118.17	2.3	1.3	3.8	0.2	0.4	0.0	2.1	1.1	3.6
November/20	111.36	106.21	119.21	1.7	1.2	2.4	0.5	0.3	0.9	2.1	1.1	3.3
December/20	111.40	106.87	118.30	2.2	1.7	3.0	0.0	0.6	-0.8	2.1	1.2	3.3
January/21	112.39	108.83	117.82	2.0	2.4	1.4	0.9	1.8	-0.4	1.9	1.2	2.9
February/21	112.81	108.62	119.21	2.3	2.2	2.4	0.4	-0.2	1.2	1.8	1.3	2.6
March/21	113.05	108.60	119.83	4.0	2.7	5.8	0.2	0.0	0.5	2.0	1.4	2.8
April/21	113.95	109.55	120.65	5.7	3.8	8.4	0.8	0.9	0.7	2.4	1.6	3.5
May/21	115.39	111.71	121.01	6.3	5.9	6.8	1.3	2.0	0.3	2.9	2.1	4.0
June/21	116.54	112.43	122.81	6.7	6.8	6.6	1.0	0.6	1.5	3.3	2.6	4.4
July/21	117.78	113.69	124.02	6.1	7.8	3.9	1.1	1.1	1.0	3.7	3.2	4.4
August/21	117.93	114.38	123.34	6.4	8.1	4.2	0.1	0.6	-0.5	4.0	3.7	4.4
September/21	118.00	114.25	123.71	6.7	8.3	4.6	0.1	-0.1	0.3	4.4	4.3	4.4
October/21 (*)	119.01	115.31	124.64	7.4	8.9	5.5	0.9	0.9	0.8	4.8	5.0	4.6
November/21 (*)	120.61	116.18	127.36	8.3	9.4	6.8	1.3	0.8	2.2	5.4	5.7	4.9
December/21 (*)	118.95	115.38	124.39	6.8	8.0	5.1	-1.4	-0.7	-2.3	5.7	6.2	5.1

Notes: (*) Preliminary. Further information on the process of period revisions of CCINH figures for the last three months can be obtained from the explanatory notes. The series beginning in January 2000 can be obtained through a file released simultaneously with this press release.



EXPLANATORY NOTES

CONSTRUCTION COST INDEX FOR NEW HOUSING

The Construction Cost Index for New Housing (CCINH) is a derived statistic that aims to measure the cost of construction of residential buildings in Portugal. The CCINH is a statistic covered by Council Regulation (EC) No 1165/98 on the production of short-term statistics.

The current CCINH series (base 100 = 2015), which starts in January 2000, replaces the previous index series (base 100 = 2000). The CCINH is released monthly around 40 days after the end of the index reference period. In addition to the total, Statistics Portugal presents separate series for the cost of labor and the cost of building materials.

More details on the methodology of the CCINH can be found at this [link](#) (only available in Portuguese).

Revisions

The information used in the production of the labor cost index comes from an administrative data source, which is subject to a regular update. Due to this, the CCINH is released with a first estimate for the reference month n , a second estimate for month $n-1$, a third estimate for month $n-2$ and the final value for month $n-3$.

Seasonal adjustment

The results are seasonally adjusted, since a seasonal pattern was identified in the labor cost series. For the treatment of seasonality, the JDemetra program, which is available from [Eurostat's webpage](#), is used.

Month-on-month growth change

The monthly rate is the change in the index of a certain month compared with the index of the previous month expressed as a percentage. Although up-to-date, this measure can be affected by transient effects.

Year-on-year growth change

The year-on-year rate is the change in the index of a certain month compared with the index of the same month in the previous year expressed as a percentage.

12-month average change

The 12-month average rate is the change in the average index of one year compared with the average index of the previous year expressed as a percentage. This moving average is less sensitive to transient changes in prices.

Date of the next press release - March 11th 2022
