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# Construction costs in October 2022 continue to be significantly above previous year level

## Cost increases year-on-year in all construction branches

Vienna, 2022-11-15 – In October 2022, the construction cost index for residential buildings was 7.6 % higher than in October 2021, according to Statistics Austria. Costs in road construction rose by 16.8 %, in bridge construction by 8.2 % and in sanitary engineering by 12.4 % within one year.

“In October 2022 construction costs for residential buildings were +7.6 %, significantly above the October figure of the previous year, but down slightly by 0.3 % compared to the previous month of September. This decline in the cost dynamic has already been apparent since June 2022,” says Statistics Austria Director General Tobias Thomas.

The construction cost index for construction for **residential buildings** reached 122.5 index points in October 2022. This represents an increase of 7.6 % compared to October 2021. Compared to September 2022, the index decreased by 0.3 %.

Costs also rose in all civil engineering sectors. The index for **road construction** reached 130.7 index points (+16.8 % in annual and -0.6 % monthly comparison). The index for **bridge construction** increased to 128.6 points, which represents an increase by 8.2 % compared to October 2021 and 0.2 % to September 2022. The index for **sanitary engineering** reached 124.5 points (+12.4 % in annual and +0.4 % in monthly comparison).

The cost increases for the product group construction steel remain significant compared to October 2021, which was particularly reflected in bridge construction. The costs for plastic pipes also continued to rise significantly. In the sector of residential buildings polystyrene, foam boards and ready-mixed plaster, floor screed as well tile cement were again considerable cost drivers. Material groups like fuels and bituminous mixes were significant cost drivers in the civil engineering sectors. In addition, there were strong cost increases in the product group cast iron goods and pipes, which mainly influenced sanitary engineering.

Detailed results and further information on the construction cost index can be found on our [website](#).

**Table 1: Construction cost indices, overall costs, compared to previous year, base 2020**

Month/Year	Residential buildings		Road construction		Bridge construction		Sanitary engineering	
	Index	Previous Year Period	Index	Previous Year Period	Index	Previous Year Period	Index	Previous Year Period
January 2021	102.8	3.3	101.2	0.1	103.9	3.6	101.7	1.6
February 2021	103.9	4.4	102.3	1.6	105.6	5.6	102.7	3.0
March 2021	105.1	5.6	103.4	3.2	106.7	7.2	103.7	4.5
April 2021	106.9	7.4	105.5	6.0	109.4	10.1	104.9	5.7
May 2021	110.5	10.3	107.6	8.4	114.3	14.5	107.3	7.7
June 2021	112.4	12.4	108.8	9.5	117.2	17.6	109.0	9.1
July 2021	113.7	13.7	110.0	10.2	119.1	19.5	110.0	9.8

Month/Year	Residential buildings		Road construction		Bridge construction		Sanitary engineering	
	Index	Previous Year Period	Index	Previous Year Period	Index	Previous Year Period	Index	Previous Year Period
August 2021	114.4	14.2	110.1	10.2	119.6	20.0	110.1	9.8
September 2021	114.2	14.0	110.4	10.7	119.3	19.7	110.3	10.1
October 2021	113.9	13.4	111.9	12.0	118.9	18.8	110.8	10.4
November 2021	113.7	13.1	112.7	12.8	118.5	17.8	111.0	10.6
December 2021	113.6	12.6	112.4	12.1	117.8	16.4	111.0	10.2
Overall index 2021	110.4	10.4	108	8.0	114.2	14.2	107.7	7.7
January 2022	115.0	11.9	113.9	12.5	119.0	14.5	112.9	11.0
February 2022	115.8	11.5	115.1	12.5	119.5	13.2	114.0	11.0
March 2022	121.1	15.2	125.8	21.7	128.5	20.4	119.9	15.6
April 2022	124.0	16.0	128.2	21.5	132.5	21.1	121.8	16.1
May 2022	125.9	13.9	129.4	20.3	134.4	17.6	124.2	15.8
June 2022	124.4	10.7	130.0	19.5	132.2	12.8	124.4	14.1
July 2022	123.4	8.5	130.7	18.8	129.9	9.1	124.4	13.1
August 2022	122.7	7.3	130.5	18.5	128.3	7.3	123.7	12.4
September 2022 <sup>1</sup>	122.9	7.6	131.5	19.1	128.4	7.6	124.0	12.4
October 2022 <sup>1</sup>	122.5	7.6	130.7	16.8	128.6	8.2	124.5	12.4

Q: STATISTICS AUSTRIA.

1) preliminary results: t+75 final results.

**Table 2: Construction cost indices, overall costs, compared to previous month, base 2020**

Month/Year	Residential buildings		Road construction		Bridge construction		Sanitary engineering	
	Index	Previous Period	Index	Previous Period	Index	Previous Period	Index	Previous Period
January 2021	102.8	1.9	101.2	0.9	103.9	2.7	101.7	1.0
February 2021	103.9	1.1	102.3	1.1	105.6	1.6	102.7	1.0
March 2021	105.1	1.2	103.4	1.1	106.7	1.0	103.7	1.0
April 2021	106.9	1.7	105.5	2.0	109.4	2.5	104.9	1.2
May 2021	110.5	3.4	107.6	2.0	114.3	4.5	107.3	2.3
June 2021	112.4	1.7	108.8	1.1	117.2	2.5	109.0	1.6
July 2021	113.7	1.2	110.0	1.1	119.1	1.6	110.0	0.9
August 2021	114.4	0.6	110.1	0.1	119.6	0.4	110.1	0.1
September 2021	114.2	-0.2	110.4	0.3	119.3	-0.3	110.3	0.2
October 2021	113.9	-0.3	111.9	1.4	118.9	-0.3	110.8	0.5
November 2021	113.7	-0.2	112.7	0.7	118.5	-0.3	111.0	0.2
December 2021	113.6	-0.1	112.4	-0.3	117.8	-0.6	111.0	0.0
Overall index 2021	110.4		108		114.2		107.7	
January 2022	115.0	1.2	113.9	1.3	119.0	1.0	112.9	1.7
February 2022	115.8	0.7	115.1	1.1	119.5	0.4	114.0	1.0
March 2022	121.1	4.6	125.8	9.3	128.5	7.5	119.9	5.2
April 2022	124.0	2.4	128.2	1.9	132.5	3.1	121.8	1.6
May 2022	125.9	1.5	129.4	0.9	134.4	1.4	124.2	2.0
June 2022	124.4	-1.2	130.0	0.5	132.2	-1.6	124.4	0.2
July 2022	123.4	-0.8	130.7	0.5	129.9	-1.7	124.4	0.0
August 2022	122.7	-0.6	130.5	-0.2	128.3	-1.2	123.7	-0.6

Month/Year	Residential buildings		Road construction		Bridge construction		Sanitary engineering	
	Index	Previous Period	Index	Previous Period	Index	Previous Period	Index	Previous Period
September 2022 <sup>1</sup>	122.9	0.2	131.5	0.8	128.4	0.1	124.0	0.2
October 2022 <sup>1</sup>	122.5	-0.3	130.7	-0.6	128.6	0.2	124.5	0.4

Q: STATISTICS AUSTRIA.

1) preliminary results: t+75 final results.

**Information on methodology:** In the base year of an index period, the mean annual index number is standardised to the value 100.0. This index period is defined as the base year. The mean index number of the construction cost index for the year 2020 is therefore 100.0.

**If you have any questions on this topic, please contact:**

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