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# Construction costs for residential buildings below prior-year level in July 2023

## Bridge construction costs lower than in previous year, costs for road construction and sanitary engineering higher

Vienna, 2023-08-14 – In July 2023, the construction cost index for residential buildings was 0.2% lower than in July 2022, according to preliminary data by Statistics Austria. Costs increased by 0.4% in road construction and by 2.1% in sanitary engineering within one year. The costs in bridge construction dropped by 3.1% year-on-year.

The construction cost index for construction for **residential buildings** reached 123.1 index points in July 2023 and thus fell year-on-year for the fourth time in succession. This represents a decrease of 0.2% compared to July 2022 (see table 1). Compared to June 2023, the index decreased by 0.9% (see table 2).

The index for **road construction** reached 131.2 index points (+0.4% in annual and –0.1% in a monthly comparison). The index for **bridge construction** reached 125.9 index points, which represents a decline of 3.1% compared to July 2022 and a decrease of 0,6% against June 2023. The index for **sanitary engineering** reached 127.0 points (+2.1% in annual and –0.1% in monthly comparison).

Compared to July 2022, the product groups dominated by steel products recorded strong cost decreases, which was particularly reflected in bridge construction. The costs for plastic products and the material group diesel, fuels also dropped significantly. Furthermore, the costs of ready-mixed concrete and mortar as well as natural and quarry stones increased significantly, affecting the civil engineering sectors, especially road construction. On the other hand, there were strong cost increases in the product groups cast iron goods and pipes as well as plastic 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	Compared to same month of previous year in %	Index	Compared to same month of previous year in %	Index	Compared to same month of previous year in %	Index	Compared to same month of previous year in %
<b>Overall index 2021</b>	<b>110.4</b>	<b>10.4</b>	<b>108</b>	<b>8.0</b>	<b>114.2</b>	<b>14.2</b>	<b>107.7</b>	<b>7.7</b>
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	122.9	7.6	131.5	19.1	128.4	7.6	124.0	12.4

Month/Year	Residential buildings		Road construction		Bridge construction		Sanitary engineering	
	Index	Compared to same month of previous year in %	Index	Compared to same month of previous year in %	Index	Compared to same month of previous year in %	Index	Compared to same month of previous year in %
October 2022	122.4	7.5	130.7	16.8	128.5	8.1	124.4	12.3
November 2022	121.1	6.5	127.8	13.4	125.5	5.9	122.8	10.6
December 2022	120.2	5.8	126.5	12.5	123.6	4.9	122.1	10.0
<b>Overall Index 2022</b>	<b>121.6</b>	<b>10.1</b>	<b>126.7</b>	<b>17.3</b>	<b>127.5</b>	<b>11.6</b>	<b>121.6</b>	<b>12.9</b>
January 2023	121.6	5.7	127.1	11.6	123.7	3.9	122.7	8.7
February 2023	121.9	5.3	127.2	10.5	124.0	3.8	123.1	8.0
March 2023	121.7	0.5	127.0	1.0	123.8	-3.7	123.0	2.6
April 2023	121.8	-1.8	127.2	-0.8	123.8	-6.6	123.1	1.1
May 2023	125.0	-0.7	131.1	1.3	127.8	-4.9	127.2	2.4
June 2023 <sup>1</sup>	124.2	-0.2	131.1	0.8	126.7	-4.2	127.1	2.2
July 2023 <sup>1</sup>	123.1	-0.2	131.2	0.4	125.9	-3.1	127.0	2.1

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	Compared to previous month in %	Index	Compared to previous month in %	Index	Compared to previous month in %	Index	Compared to previous month in %
<b>Overall index 2021</b>	<b>110.4</b>		<b>108</b>		<b>114.2</b>		<b>107.7</b>	
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
September 2022	122.9	0.2	131.5	0.8	128.4	0.1	124.0	0.2
October 2022	122.4	-0.4	130.7	-0.6	128.5	0.1	124.4	0.3
November 2022	121.1	-1.1	127.8	-2.2	125.5	-2.3	122.8	-1.3
December 2022	120.2	-0.7	126.5	-1.0	123.6	-1.5	122.1	-0.6
<b>Overall Index 2022</b>	<b>121.6</b>		<b>126.7</b>		<b>127.5</b>		<b>121.6</b>	
January 2023	121.6	1.2	127.1	0.5	123.7	0.1	122.7	0.5
February 2023	121.9	0.2	127.2	0.1	124.0	0.2	123.1	0.3
March 2023	121.7	-0.2	127.0	-0.2	123.8	-0.2	123.0	-0.1
April 2023	121.8	0.1	127.2	0.2	123.8	0.0	123.1	0.1
May 2023	125.0	2.6	131.1	3.1	127.8	3.2	127.2	3.3
June 2023 <sup>1</sup>	124.2	-0.6	131.1	0.0	126.7	-0.9	127.1	-0.1
July 2023 <sup>1</sup>	123.1	-0.9	131.2	0.1	125.9	-0.6	127.0	-0.1

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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