



29 April 2024

CIVIL ENGINEERING MATERIALS PRICE INDEX MARCH 2024

Civil Engineering Material Price Index

The Civil Engineering Material Price Index (CEMPI) was **162.05** in March 2024 and **139.53** in February 2024.

Month-on-month Rate of Change

The month-on-month rate of change for the Civil Engineering Material Price Index (CEMPI) was **16.1** percent in March 2024, gaining 9.2 percentage points on the February 2023 rate of **6.9** percent.

This means that prices as measured by the all-items Civil Engineering Material Price Index (CEMPI), increased at an average of 16.1 percent between February 2024 to March 2024.

The month-on-month rate of change is given by the percentage change in the index of the reference month of the current year compared with the index of the previous month.

The products that contributed to the increase in the index in March 2024 were diesel, bricks, asbestos pipes, Joint Compound, deformed steel, cement, shutter boards, concrete pipes, bitumen, crushed stone, river sand and steel pipes. The products that did not contribute significantly to the increase or decrease of the month-on-month rate of change were sluice valves and water stops.

Year-on-Year Rate of Change

The year-on-year rate of change for the Civil Engineering Material Price Index (CEMPI) was **154.7** percent in March 2024.

This means that prices as measured by the all-items Civil Engineering Material Price Index (CEMPI), increased at an average of 154.7 percent between March 2023 to March 2024.

The year-on-year rate of change is given by the percentage change in the index of the reference month of the current year compared with the index of the same month in the previous year.

Methodology

The Civil Engineering Material Price Index (CEMPI) is obtained by measuring combined price changes of goods in both the USD and ZWL aggregated geometrically.

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Civil Engineering Materials Price Index (Aug 2023=100)

	Derfomed Steel	Shutter Boards	Asbestos Pipes	Concrete Pipes	Joint Compound	Steel Pipes	Sluice Valve	Bitumen	Water Stops	Cement	River Sand	Crushed Stone	Bricks	Diesel	All Items	Rate of change (%) Monthly	Rate of change (%) Yearly
Weights	10.41	3.02	13.61	4.48	9.18	1.39	0.32	4.48	0.32	13.61	4.48	4.48	13.61	16.58	100.00		
2023 Jan	81.72	76.16	71.44	70.45	60.73	70.03	70.45	71.44	84.22	79.60	87.76	80.63	66.40	24.58	61.07		
Feb	79.57	69.58	70.47	69.49	61.17	70.60	69.49	70.47	84.21	78.86	84.44	78.84	66.84	25.26	60.67	-0.6	
Mar	82.61	71.45	72.18	71.17	63.09	70.45	71.17	72.18	83.69	81.47	85.76	80.23	68.97	29.24	63.62	4.9	
Apr	86.68	76.17	75.61	74.56	66.83	73.35	74.56	75.61	88.79	79.60	89.56	82.70	72.14	35.13	67.58	6.2	
May	98.10	95.02	88.91	88.01	78.58	83.67	88.01	88.91	100.11	90.50	98.30	91.93	86.20	62.75	84.27	24.7	
Jun	106.83	116.02	110.96	111.50	103.53	109.64	111.50	110.96	120.05	106.52	110.28	104.87	109.98	143.80	113.74	35.0	
Jul	101.45	110.94	103.37	103.04	103.04	103.59	103.04	103.37	102.97	101.87	102.39	101.70	103.50	107.81	103.76	-8.8	
Aug	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	-3.6	
Sep	103.29	104.80	103.61	103.18	103.18	103.86	103.18	103.61	104.55	102.35	101.62	101.02	100.19	117.36	104.85	4.9	
Oct	101.48	108.93	105.57	104.66	104.66	105.57	104.66	105.57	107.47	106.37	102.35	101.85	102.56	124.71	107.42	2.5	
Nov	101.56	111.88	107.39	106.78	106.78	100.47	106.78	107.39	109.54	112.29	105.62	103.96	104.16	131.94	110.40	2.8	
Dec	105.92	122.43	113.09	112.34	112.34	106.47	112.45	113.09	114.40	112.23	112.26	107.02	111.41	153.23	117.51	6.4	
2024 Jan	115.62	153.21	122.70	122.81	109.65	111.84	122.00	122.70	123.44	116.86	113.27	118.06	120.07	208.29	130.52	11.1	113.7
Feb	119.42	164.57	128.86	128.99	115.17	118.65	128.07	128.86	126.58	121.42	116.05	121.38	126.07	250.14	139.53	6.9	130.0
Mar	128.51	189.49	143.30	143.43	134.46	128.25	143.77	143.30	138.77	128.21	119.56	127.40	142.99	380.90	162.05	16.1	154.7

Materials Index - Aug 2023=100

Items	Weights	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
Derfomed Steel	10.41	81.72	79.57	82.61	86.68	98.10	106.83	101.45	100.00	103.29	101.48	101.56	105.92	115.62	119.42	128.51
Shutter Boards	3.02	76.16	69.58	71.45	76.17	95.02	116.02	110.94	100.00	104.80	108.93	111.88	122.43	153.21	164.57	189.49
Asbestos Pipes	13.61	71.44	70.47	72.18	75.61	88.91	110.96	103.37	100.00	103.61	105.57	107.39	113.09	122.70	128.86	143.30
Concrete Pipes	4.48	70.45	69.49	71.17	74.56	88.01	111.50	103.04	100.00	103.18	104.66	106.78	112.34	122.81	128.99	143.43
Joint Compound	9.18	60.73	61.17	63.09	66.83	78.58	103.53	103.04	100.00	103.18	104.66	106.78	112.34	109.65	115.17	134.46
Steel Pipes	1.39	70.03	70.60	70.45	73.35	83.67	109.64	103.59	100.00	103.86	105.57	100.47	106.47	111.84	118.65	128.25
Sluice Valve	0.32	70.45	69.49	71.17	74.56	88.01	111.50	103.04	100.00	103.18	104.66	106.78	112.45	122.00	128.07	143.77
Bitumen	4.48	71.44	70.47	72.18	75.61	88.91	110.96	103.37	100.00	103.61	105.57	107.39	113.09	122.70	128.86	143.30
Water Stops	0.32	84.22	84.21	83.69	88.79	100.11	120.05	102.97	100.00	104.55	107.47	109.54	114.40	123.44	126.58	138.77
Cement	13.61	79.60	78.86	81.47	79.60	90.50	106.52	101.87	100.00	102.35	106.37	112.29	112.23	116.86	121.42	128.21
River Sand	4.48	87.76	84.44	85.76	89.56	98.30	110.28	102.39	100.00	101.62	102.35	105.62	112.26	113.27	116.05	119.56
Crushed Stone	4.48	80.63	78.84	80.23	82.70	91.93	104.87	101.70	100.00	101.02	101.85	103.96	107.02	118.06	121.38	127.40
Bricks	13.61	66.40	66.84	68.97	72.14	86.20	109.98	103.50	100.00	100.19	102.56	104.16	111.41	120.07	126.07	142.99
Diesel	16.58	24.58	25.26	29.24	35.13	62.75	143.80	107.81	100.00	117.36	124.71	131.94	153.23	208.29	250.14	380.90
All Items Materials Index	100.00	61.07	60.67	63.62	67.58	84.27	113.74	103.76	100.00	104.85	107.42	110.40	117.51	130.52	139.53	162.05

Change in % from Feb 2024 to Mar 2024	Change in % from Mar 2023 to Mar 2024
7.6	55.6
15.1	165.2
11.2	98.5
11.2	101.5
16.8	113.1
8.1	82.1
12.3	102.0
11.2	98.5
9.6	65.8
5.6	57.4
3.0	39.4
5.0	58.8
13.4	107.3
52.3	1202.5
16.1	154.7

Materials Index - Aug 2023=100

Items	Weights	Feb-24	Mar-24	Change in % from Feb 2024 to Mar 2024	Percentage Contribution
Diesel	16.58	250.14	380.90	52.3	15.5
Bricks	13.61	126.07	142.99	13.4	1.7
Asbestos Pipes	13.61	128.86	143.30	11.2	1.4
Joint Compound	9.18	115.17	134.46	16.8	1.3
Derfomed Steel	10.41	119.42	128.51	7.6	0.7
Cement	13.61	121.42	128.21	5.6	0.7
Shutter Boards	3.02	164.57	189.49	15.1	0.5
Concrete Pipes	4.48	128.99	143.43	11.2	0.5
Bitumen	4.48	128.86	143.30	11.2	0.5
Crushed Stone	4.48	121.38	127.40	5.0	0.2
River Sand	4.48	116.05	119.56	3.0	0.1
Steel Pipes	1.39	118.65	128.25	8.1	0.1
Sluice Valve	0.32	128.07	143.77	12.3	0.0
Water Stops	0.32	126.58	138.77	9.6	0.0
All Items Materials Index	100.00	139.53	162.05	16.1	16.1

Materials Index - Aug 2023=100

Items	Weights	Mar-23	Mar-24	Change in % from Mar 2023 to Mar 2024	Percentage Contribution
Diesel	16.58	29.24	380.90	1202.5	91.7
Bricks	13.61	68.97	142.99	107.3	15.8
Asbestos Pipes	13.61	72.18	143.30	98.5	15.2
Joint Compound	9.18	63.09	134.46	113.1	10.3
Cement	13.61	81.47	128.21	57.4	10.0
Derfomed Steel	10.41	82.61	128.51	55.6	7.5
Shutter Boards	3.02	71.45	189.49	165.2	5.6
Concrete Pipes	4.48	71.17	143.43	101.5	5.1
Bitumen	4.48	72.18	143.30	98.5	5.0
Crushed Stone	4.48	80.23	127.40	58.8	3.3
River Sand	4.48	85.76	119.56	39.4	2.4
Steel Pipes	1.39	70.45	128.25	82.1	1.3
Sluice Valve	0.32	71.17	143.77	102.0	0.4
Water Stops	0.32	83.69	138.77	65.8	0.3
All Items Materials Index	100.00	63.62	162.05	154.7	154.7