



29 April 2024

CIVIL ENGINEERING PLANT PRICE INDEX MARCH 2024

Civil Engineering Plant Price Index (CEPPI)

The Civil Engineering Plant Price Index (CEPPI) was **105.79** in March 2024 and **101.01** in February 2024.

Month-on-Month Rate of Change

The month-on-month rate of change for the Civil Engineering Plant Price Index (CEPPI) was **4.7** percent in March 2024, gaining 1.9 percentage points on the February 2024 rate of **2.8** percent.

This means that prices as measured by the all-items Civil Engineering Plant Price Index (CEPPI), increased at an average rate of 4.7 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 Excavators, Loaders, Rollers, Dozers, Graders, Drive Train, Undercarriage, Ground Engaging Tools, Compactors, Tractor-Loader-Backhoes (TLB) and Others contributed to the increase of the month-on-month rate of change. Engines, General usage and Hydraulics did not contribute to the rise or decrease of the March 2024 month-on-month rate of change.

Year-on-Year Rate of Change

The year-on-year rate of change for the Civil Engineering Plant Price Index (CEPPI) was **21.9** percent in March 2024.

This means that prices as measured by the all-items Civil Engineering Plant Price Index (CEPPI), increased at an average rate of **21.9** 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 Plant Price Index (CEPPI) is obtained by measuring the combined price changes of goods in both the USD and ZWL, aggregated geometrically.

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Plant Index (Aug 2023=100)

	Machines	Parts	All Items Plant	Rate of Change (%) Monthly	Rate of Change (%) Yearly
Weights	84.0	16.0	100.0		
2023	96.3	95.6	96.2		
2023 Jan	85.11	87.98	85.56		
Feb	85.92	87.05	86.10	0.6	
Mar	86.90	85.99	86.75	0.8	
Apr	88.92	87.29	88.66	2.2	
May	93.30	91.67	93.04	4.9	
Jun	104.45	103.09	104.23	12.0	
Jul	101.21	99.21	100.88	-3.2	
Aug	100.00	100.00	100.00	-0.9	
Sep	101.84	101.84	101.84	1.8	
Oct	102.44	101.06	102.22	0.4	
Nov	103.26	101.53	102.98	0.7	
Dec	105.32	103.82	105.08	2.0	
2024 Jan	96.55	107.94	98.29	-6.5	14.9
Feb	98.09	117.80	101.01	2.8	17.3
Mar	102.73	123.38	105.79	4.7	21.9

	Weights	Feb-24	Mar-24	Change in % from Feb 2024 to Mar 2024	Percentage Contribution
Excavators	33.04	104.18	109.11	4.7	1.6
Loaders	16.73	86.85	90.96	4.7	0.7
Rollers	10.72	108.83	113.98	4.7	0.5
Dozers	8.70	98.85	103.54	4.7	0.4
Graders	8.44	98.76	103.43	4.7	0.4
Drive Train	5.70	117.86	123.44	4.7	0.3
Undercarriage	4.32	114.54	119.96	4.7	0.2
Ground Engaging Tools (GET)	3.84	122.22	128.00	4.7	0.2
Compactors	3.78	73.38	76.85	4.7	0.1
Tractor-Loader-Backhoes (TLB)	2.57	94.40	98.87	4.7	0.1
Others	1.64	117.28	122.83	4.7	0.1
Engine	0.46	113.89	119.28	4.7	0.0
General Usage	0.04	118.20	123.80	4.7	0.0
Hydraulics	0.01	115.71	121.18	4.7	0.0
All Items Plant Index	100.00	101.01	105.79	4.7	4.7

	Weights	Change in % from			Percentage Contribution
		Mar-23	Mar-24	Mar 2023 to Mar 2024	
Excavators	33.04	86.90	109.11	25.6	8.5
Rollers	10.72	86.90	113.98	31.2	3.3
Drive Train	5.70	83.97	123.44	47.0	2.6
Ground Engaging Tools (GET)	3.84	86.71	128.00	47.6	1.8
Dozers	8.70	86.90	103.54	19.1	1.7
Undercarriage	4.32	87.56	119.96	37.0	1.6
Graders	8.44	86.90	103.43	19.0	1.6
Loaders	16.73	86.90	90.96	4.7	0.8
Others	1.64	87.35	122.83	40.6	0.7
Tractor-Loader-Backhoes (TLB)	2.57	86.90	98.87	13.8	0.4
Engine	0.46	85.86	119.28	38.9	0.2
General Usage	0.04	86.19	123.80	43.6	0.0
Hydraulics	0.01	84.70	121.18	43.1	0.0
Compactors	3.78	86.90	76.85	-11.6	-0.4
All Items Plant Index	100.00	86.75	105.79	21.9	21.9