



30 September 2022

CIVIL ENGINEERING PLANT PRICE INDEX SEPTEMBER 2022

The month-on-month Civil Engineering Plant Price Index (CEPPI) rate of change stood at -2.6 percent in September 2022 shedding 4.3 percentage points on the August 2022 rate of 1.7 percent.

This means that prices as measured by the all items Civil Engineering Plant Price Index (CEPPI) decreased at an average rate of -2.6 percent from August 2022 to September 2022.

- *The monthly rate of change is given by the percentage change in the index of the relevant month of the current year compared with the index of the previous month.*

The group of products that have contributed to the decrease in the index in September 2022 were Graders, Undercarriage, Rollers, Excavators, Drive Train and Ground Engaging Tools. This means decrease in prices were observed in September 2022 on the above group of items as shown on page 4.

The group of products that have contributed to the increase in the index in September 2022 were Other products. This means increase in prices were observed in September 2022 on the above group of items as shown on page 4.

The year-on-year Civil Engineering Plant Price Index (CEPPI) rate of change stood at 276.8 percent in September 2022.

This means that prices as measured by the all items Civil Engineering Plant Price Index (CEPPI) increased at an average rate of 276.8 percent from September 2021 to September 2022.

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

The CEPPI for the month ending September 2022 stood at 10,108.94 compared to 10,377.29 in August 2022 and 2,682.53 in September 2021.

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Plant Index (February 2019=100)

	Machines	Parts	All Items Plant	Rate of Change (%) Monthly	Rate of Change (%) Yearly
Weights	84.0	16.0	100.0		
2020 Jan	365.74	503.84	387.85	7.0	
Feb	397.35	590.54	428.28	10.4	328.3
Mar	569.21	750.91	598.30	39.7	463.4
Apr	721.91	958.61	759.81	27.0	539.5
May	1,007.68	1,305.51	1,055.37	38.9	449.1
Jun	1,431.51	1,895.50	1,505.80	42.7	743.1
Jul	1,429.68	2,093.89	1,536.03	2.0	657.2
Aug	1,434.24	2,111.72	1,542.71	0.4	570.7
Sep	1,497.46	2,312.44	1,627.94	5.5	492.1
Oct	1,497.49	2,312.44	1,627.97	0.0	393.9
Nov	1,505.28	2,330.00	1,637.33	0.6	386.1
Dec	1,652.35	2,701.86	1,820.38	11.2	402.0
2021 Jan	1,732.28	2,773.86	1,899.05	4.3	389.6
Feb	1,732.28	2,773.86	1,899.05	0.0	343.4
Mar	1,746.01	2,834.90	1,920.35	1.1	221.0
Apr	1,760.11	2,889.28	1,940.90	1.1	155.4
May	1,793.74	2,973.35	1,982.60	2.1	87.9
Jun	1,897.23	2,994.00	2,072.83	4.6	37.7
Jul	1,942.87	4,127.12	2,292.59	10.6	49.3
Aug	2,029.03	4,398.76	2,408.45	5.1	56.1
Sep	2,260.59	4,895.95	2,682.53	11.4	64.8
Oct	2,714.40	5,272.93	3,124.04	16.5	91.9
Nov	2,812.19	5,243.92	3,201.53	2.5	95.5
Dec	2,909.60	4,782.13	3,209.41	0.2	76.3
2022 Jan	3,491.52	5,761.85	3,855.02	20.1	103.0
Feb	3,556.18	5,980.58	3,944.35	2.3	107.7
Mar	3,726.80	6,202.94	4,123.25	4.5	114.7
Apr	5,470.83	10,529.74	6,280.81	52.3	223.6
May	5,861.61	11,449.28	6,756.25	7.6	240.8
Jun	6,946.88	15,896.81	8,379.85	24.0	304.3
Jul	8,447.11	19,402.89	10,201.24	21.7	345.0
Aug	8,740.56	18,963.15	10,377.29	1.7	330.9
Sep	8,623.42	17,901.58	10,108.94	-2.6	276.8

	Weights														Change in % from Aug 2022 to Sep 2022	Change in % from Sep 2021 to Sep 2022	
	Feb-19	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22			
Machines	83.99	100.00	2260.59	2714.40	2812.19	2909.60	3491.52	3556.18	3726.80	5470.83	5861.61	6946.88	8447.11	8740.56	8623.42	-1.3	281.5
Loaders	16.73	100.00	1868.88	2459.82	2552.42	2644.72	3173.66	3173.66	3350.11	4492.26	4813.14	4813.14	5691.93	6559.67	6559.67	0.0	251.0
Excavators	33.04	100.00	2050.70	2261.50	2344.07	2426.29	2911.55	2993.21	3061.63	4672.97	5006.75	6378.52	8099.71	8034.12	7880.53	-1.9	284.3
Dozers	8.70	100.00	2410.12	3019.13	3112.71	3205.61	3846.74	3846.74	4060.61	5515.84	5909.83	7244.72	8567.47	9873.59	9873.59	0.0	309.7
Graders	8.44	100.00	2725.33	3280.27	3373.97	3466.90	4160.28	4252.53	4702.13	7033.12	7535.49	7535.49	7728.71	7947.57	7833.92	-1.4	187.4
Tractor-Loader-Backhoes (TLB)	2.57	100.00	2749.39	3444.13	3635.48	3826.82	4592.18	4639.28	4897.22	6924.25	7418.84	8069.90	9543.32	10445.02	10374.67	-0.7	277.3
Compactors	3.78	100.00	1986.73	2568.89	2568.89	2568.89	3082.67	3082.67	3254.06	4427.98	4744.27	4744.27	5610.49	6465.81	6465.81	0.0	225.4
Rollers	10.72	100.00	3010.51	3690.60	3862.08	4033.27	4839.93	5010.81	5211.24	8208.35	8794.66	11828.74	15020.63	14417.73	14079.94	-2.3	367.7
Parts	16.01	100.00	4895.95	5272.93	5243.92	4782.13	5761.85	5980.58	6202.94	10529.74	11449.28	15896.81	19402.89	18963.15	17901.58	-5.6	265.6
Undercarriage	4.32	100.00	2962.43	3221.06	3194.03	3001.53	3417.62	3507.03	3612.48	5713.18	6448.94	9723.64	11345.87	12129.35	11802.62	-2.7	298.4
Engine	0.46	100.00	3913.76	4198.84	4090.58	3862.99	4410.73	4536.89	4678.42	7758.47	8762.31	13628.31	15899.20	17020.56	16263.33	-4.4	315.5
Ground Engaging Tools (GET)	3.84	100.00	7239.07	7800.08	7812.00	7118.08	8689.01	9036.49	9389.67	16117.51	17377.54	24957.49	31134.98	29769.34	27196.67	-8.6	275.7
Drive Train	5.70	100.00	4984.03	5340.03	5243.73	4708.65	5758.29	5991.53	6225.39	10744.48	11557.45	15416.59	19257.16	18296.68	17265.87	-5.6	246.4
Hydraulics	0.01	100.00	4076.24	4367.40	4326.32	3903.49	4553.35	4735.98	4919.23	8674.49	9347.68	13480.53	16806.64	16047.03	14799.61	-7.8	263.1
General Usage	0.04	100.00	4883.31	5232.12	5233.55	4743.21	5802.71	6037.28	6272.50	10752.14	11574.17	16705.21	20887.52	19874.98	18151.43	-8.7	271.7
Others	1.64	100.00	4477.31	4834.90	4960.49	4521.71	5480.45	5714.00	5920.72	10173.08	11128.77	13238.47	14621.72	14509.01	14874.61	2.5	232.2
All Items Plant Index	100.00	100.00	2682.53	3124.04	3201.53	3209.41	3855.02	3944.35	4123.25	6280.81	6756.25	8379.85	10201.24	10377.29	10108.94	-2.6	276.8

	Weights	Aug-22	Sep-22	Change in % from Aug 2022 to Sep 2022	Percentage Contribution
Others	1.64	14509.01	14874.61	2.5	0.1
Loaders	16.73	6559.67	6559.67	0.0	0.0
Dozers	8.70	9873.59	9873.59	0.0	0.0
Compactors	3.78	6465.81	6465.81	0.0	0.0
Hydraulics	0.01	16047.03	14799.61	-7.8	0.0
General Usage	0.04	19874.98	18151.43	-8.7	0.0
Tractor-Loader-Backhoes (TLB)	2.57	10445.02	10374.67	-0.7	0.0
Engine	0.46	17020.56	16263.33	-4.4	0.0
Graders	8.44	7947.57	7833.92	-1.4	-0.1
Undercarriage	4.32	12129.35	11802.62	-2.7	-0.1
Rollers	10.72	14417.73	14079.94	-2.3	-0.3
Excavators	33.04	8034.12	7880.53	-1.9	-0.5
Drive Train	5.70	18296.68	17265.87	-5.6	-0.6
Ground Engaging Tools (GET)	3.84	29769.34	27196.67	-8.6	-1.0
All Items Plant Index	100.00	10377.29	10108.94	-2.59	-2.59