

ALLOYS AND CURRENCIES RATES



Date	COPPER										SILVER		ALU		CURRENCIES									
	LME cash \$/T	LME cash £/T	LME 3M cash \$/T	LME 15M \$/T	GIRM €/T	MK €/T	DEL €/T	RM €/T	COMEX \$/T	COMEX \$/lbs	Argt \$/Oc	Argt €/gr	LME \$/T	LME €/T	\$	Yen	NOK	SEK	PLN	INR	£	LME \$		
01/12/2022	8 216.50	6 743.13	8 251.00	8 235.00	8 100.00	9 206.80	8 022.50	0.00	8 214.76	3.7295	22,14	0.6812	2 430.50	2 326.39	1,04475	142,38	10,2330	10,8942	4,6972	84,8593	0,85727	1,0445		
02/12/2022	8 342.00	6 785.98	8 364.00	8 350.00	8 149.00	9 257.80	8 071.90	0.00	8 400.88	3.8140	22,61	0,6896	2 448.50	2 323.28	1,05390	141,27	10,2509	10,8873	4,6860	85,7010	0,85742	1,0538		
05/12/2022	8 440.00	6 853.99	8 470.00	8 445.00	8 201.00	9 312.40	8 123.70	0.00	8 475.77	3.8480	22,99	0,6976	2 485.00	2 346.00	1,05925	143,05	10,3102	10,8887	4,6901	86,6385	0,86002	1,0590		
06/12/2022	8 355.50	6 834.76	8 400.00	8 395.00	8 173.00	9 284.20	8 095.90	0.00	8 346.92	3.7895	22,54	0,6886	2 461.00	2 338.35	1,05245	143,23	10,4396	10,8852	4,6999	86,9408	0,86093	1,0526		
07/12/2022	8 334.00	6 833.95	8 375.00	8 365.00	8 145.00	9 253.40	8 067.80	0.00	8 395.37	3.8115	22,39	0,6832	2 450.50	2 326.17	1,05345	144,53	10,5259	10,9253	4,7005	86,9083	0,86387	1,0536		
08/12/2022	8 537.00	7 005.58	8 547.00	8 525.00	8 351.00	9 477.30	8 273.40	0.00	8 492.29	3.8555	22,70	0,6937	2 468.50	2 346.93	1,05180	143,77	10,5026	10,9082	4,6838	86,6974	0,86316	1,0520		
09/12/2022	8 490.50	6 914.09	8 525.00	8 495.00	8 277.00	9 396.40	8 200.00	0.00	8 547.36	3.8805	23,11	0,7039	2 453.50	2 324.38	1,05555	143,35	10,5257	10,9121	4,6932	86,8444	0,85943	1,0556		
12/12/2022	8 371.50	6 817.18	8 415.00	8 410.00	8 164.00	9 273.90	8 087.30	0.00	8 537.44	3.8760	23,39	0,7124	2 390.00	2 264.22	1,05555	144,69	10,5533	10,9053	4,6929	87,1244	0,85950	1,0556		
13/12/2022	8 381.00	6 812.71	8 433.00	8 435.00	8 178.00	9 288.90	8 100.90	0.00	8 366.74	3.7985	23,40	0,7130	2 388.00	2 263.61	1,05495	144,86	10,4624	10,8852	4,6971	87,3505	0,85740	1,0549		
14/12/2022	8 415.00	6 806.05	8 457.00	8 445.00	8 137.00	9 241.90	8 060.10	0.00	8 457.05	3.8395	23,61	0,7131	2 379.50	2 235.32	1,06450	143,74	10,3713	10,8744	4,6835	87,7739	0,86104	1,0646		
15/12/2022	8 383.00	6 809.36	8 422.00	8 420.00	8 122.00	9 226.20	8 045.20	0.00	8 535.24	3.8750	23,17	0,7010	2 396.00	2 255.06	1,06250	145,02	10,4028	10,8985	4,6906	87,9304	0,86284	1,0623		
16/12/2022	8 231.50	6 761.54	8 276.00	8 280.00	7 983.00	9 226.20	7 905.90	0.00	8 288.55	3.7630	22,83	0,6911	2 354.00	2 216.47	1,06205	145,55	10,4737	11,0053	4,6896	88,0133	0,87232	1,0621		
19/12/2022	8 331.00	6 840.46	8 366.00	8 370.00	8 087.00	9 188.70	8 010.20	0.00	8 285.24	3.7615	23,24	0,7045	2 327.00	2 193.94	1,06065	144,66	10,4987	11,0098	4,6826	87,7207	0,87060	1,0607		
20/12/2022	8 302.00	6 843.62	8 326.00	8 330.00	8 054.00	9 153.10	7 977.60	0.00	8 332.60	3.7830	23,74	0,7191	2 329.50	2 194.85	1,06135	140,85	10,5097	11,0623	4,6756	87,8336	0,87473	1,0615		
21/12/2022	8 327.00	6 864.80	8 355.00	8 360.00	8 066.00	9 165.20	7 989.10	0.00	8 364.54	3.7975	23,89	0,7226	2 357.00	2 217.41	1,06295	140,15	10,4274	11,0657	4,6660	88,0290	0,87648	1,0631		
22/12/2022	8 345.50	6 921.13	8 365.00	8 370.00	8 078.00	9 165.20	8 001.20	0.00	8 383.26	3.8060	23,74	0,7174	2 362.00	2 220.66	1,06365	140,51	10,3970	11,0478	4,6484	88,0329	0,88243	1,0637		
23/12/2022	8 308.50	6 884.17	8 326.00	8 330.00	8 056.00	9 152.90	7 979.20	0.00	8 263.22	3.7515	23,74	0,7186	2 342.00	2 205.38	1,06195	140,90	10,4612	11,1136	4,6433	87,9989	0,88007	1,0621		
26/12/2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8 376.65	3.8030	0,00	0,0000	0.00	0.00	0,00000	0,00	0,0000	0,0000	0,0000	0,0000	0,00000	0,0000		
27/12/2022	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8 263.22	3.7515	0,00	0,0000	0.00	0.00	1,06335	141,72	10,4858	11,1379	4,6669	88,1098	0,88414	0,0000		
28/12/2022	8 451.00	6 991.23	8 471.00	8 470.00	8 167.00	9 269.30	8 090.50	0.00	8 443.83	3.8335	23,86	0,7202	2 343.00	2 200.10	1,06495	142,18	10,4577	11,1024	4,6996	88,2498	0,88082	1,0646		
29/12/2022	8 395.00	6 974.91	8 405.00	8 400.00	8 113.00	9 211.80	8 036.40	0.00	8 440.53	3.8320	23,86	0,7200	2 371.50	2 226.45	1,06515	142,36	10,5510	11,1510	4,6938	88,2022	0,88515	1,0653		
30/12/2022	8 387.00	6 969.42	8 400.00	8 390.00	8 088.00	9 183.70	8 011.20	0.00	8 416.30	3.8210	23,95	0,7213	2 360.50	2 211.24	1,06750	140,76	10,5174	11,1118	4,6843	88,3048	0,88722	1,0673		
Average	8 367.23	6 863.40	8 397.45	8 391.00	8 134.45	9 246.77	8 057.50		8 392.17	3,8100	23,24	0,7056	2 394.88	2 261.81	1,05915	142,83	10,4456	10,9844	4,6840	87,3935	0,86937	1,0589		