

ALLOYS AND CURRENCIES RATES

31 Dec. 2021



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 \$		
01/12/2021	9 571.00	7 187.05	9 510.00	9 420.00	8 653.00	9 815.60	8 573.10	9 984.00	9 422.91	4.2780	22,86	0,6496	2 669.50	2 359.36	1,13145	128,30	10,2183	10,2294	4,6297	84,7707	0,84960	1,1314		
02/12/2021	9 520.00	7 140.71	9 421.00	9 325.00	8 587.00	9 743.40	8 507.30	9 910.50	9 355.73	4.2475	22,40	0,6348	2 655.00	2 340.86	1,13420	127,98	10,2960	10,2736	4,5980	85,0460	0,85105	1,1343		
03/12/2021	9 513.00	7 167.18	9 455.00	9 320.00	8 615.00	9 775.20	8 535.40	9 942.70	9 469.16	4.2990	22,35	0,6361	2 648.00	2 344.09	1,12965	128,02	10,2832	10,3085	4,5912	84,8594	0,85125	1,1297		
06/12/2021	9 526.00	7 178.60	9 480.00	9 340.00	8 630.00	9 791.10	8 549.90	9 958.90	9 397.58	4.2665	22,34	0,6360	2 600.50	2 302.86	1,12925	127,74	10,3129	10,2756	4,5938	85,1624	0,85092	1,1292		
07/12/2021	9 647.00	7 278.56	9 606.00	9 435.00	8 767.00	9 941.20	8 687.10	10 111.60	9 552.86	4.3370	22,44	0,6410	2 625.00	2 332.61	1,12535	127,74	10,1832	10,2498	4,5919	84,8808	0,84913	1,1253		
08/12/2021	9 555.50	7 242.31	9 565.00	9 450.00	8 657.00	9 821.20	8 577.50	9 989.50	9 555.07	4.3380	22,43	0,6386	2 626.00	2 325.85	1,12905	128,44	10,0985	10,2508	4,5952	85,2205	0,85573	1,1292		
09/12/2021	9 578.00	7 261.01	9 557.00	9 425.00	8 662.00	9 826.20	8 582.70	9 994.70	9 671.81	4.3910	22,25	0,6325	2 630.50	2 325.82	1,13100	128,28	10,1363	10,2510	4,6062	85,4617	0,85744	1,1310		
10/12/2021	9 543.00	7 224.07	9 531.00	9 400.00	8 655.00	9 819.40	8 575.60	9 987.70	9 537.44	4.3300	21,90	0,6241	2 625.00	2 327.44	1,12785	128,23	10,1301	10,2395	4,6123	85,4107	0,85385	1,1279		
13/12/2021	9 500.00	7 170.89	9 505.50	9 385.00	8 618.00	9 778.40	8 537.80	9 945.90	9 433.92	4.2830	22,22	0,6334	2 677.00	2 373.65	1,12780	128,12	10,1582	10,2255	4,6233	85,4491	0,85133	1,1277		
14/12/2021	9 485.00	7 156.87	9 480.00	9 370.00	8 580.00	9 736.40	8 500.00	9 903.30	9 427.31	4.2800	22,17	0,6302	2 636.00	2 330.58	1,13105	128,43	10,2562	10,2809	4,6304	85,8193	0,85346	1,1310		
15/12/2021	9 290.00	7 007.09	9 285.00	9 165.00	8 443.00	9 589.50	8 363.50	9 753.30	9 370.04	4.2540	21,81	0,6225	2 597.00	2 305.98	1,12620	128,25	10,2413	10,2613	4,6225	85,9065	0,84948	1,1263		
16/12/2021	9 506.00	7 119.53	9 495.00	9 355.00	8 584.00	9 741.00	8 504.70	9 908.00	9 205.95	4.1795	22,18	0,6293	2 630.00	2 321.48	1,13290	129,34	10,1444	10,2507	4,6301	86,2014	0,84855	1,1328		
17/12/2021	9 520.00	7 159.51	9 505.00	9 370.00	8 595.00	9 753.10	8 515.90	9 920.30	9 472.47	4.3005	22,65	0,6426	2 694.00	2 377.65	1,13305	128,31	10,1947	10,2756	4,6317	86,1987	0,85224	1,1331		
20/12/2021	9 406.00	7 117.13	9 390.00	9 260.00	8 541.00	9 695.10	8 460.90	9 860.90	9 451.54	4.2910	22,30	0,6361	2 645.50	2 347.49	1,12695	127,93	10,1885	10,2951	4,6357	85,5036	0,85272	1,1269		
21/12/2021	9 521.00	7 183.49	9 511.00	9 375.00	8 624.00	9 785.00	8 544.30	9 952.70	9 444.93	4.2880	22,75	0,6475	2 696.00	2 387.11	1,12940	128,43	10,1316	10,3172	4,6277	85,3890	0,85215	1,1295		
22/12/2021	9 625.00	7 233.58	9 615.00	9 465.00	8 709.00	9 877.30	8 629.50	10 046.80	9 555.07	4.3380	22,66	0,6446	2 811.00	2 486.95	1,13030	129,11	10,0605	10,2948	4,6298	85,3831	0,84953	1,1304		
23/12/2021	9 606.00	7 153.18	9 581.50	9 430.00	8 690.00	9 856.90	8 610.80	10 026.00	9 668.50	4.3895	22,82	0,6488	2 818.00	2 492.59	1,13055	129,30	10,0078	10,3057	4,6280	85,0760	0,84206	1,1307		
24/12/2021	9 582.00	7 141.15	9 566.00	9 420.00	8 658.00	9 821.50	8 578.60	9 990.00	9 663.00	4.3870	22,67	0,6437	2 848.00	2 515.90	1,13200	129,50	9,9990	10,3297	4,6179	84,9387	0,84377	1,1322		
27/12/2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9 663.00	4.3870	0,00	0,0000	0.00	0.00	1,13150	129,81	10,0391	10,3227	4,6061	84,8572	0,84360	0,0000		
28/12/2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9 663.00	4.3870	0,00	0,0000	0.00	0.00	1,13285	130,12	9,9699	10,2555	4,6070	84,6254	0,84246	0,0000		
29/12/2021	9 655.00	7 190.74	9 620.50	9 480.00	8 738.00	9 909.20	8 658.80	10 079.20	9 735.68	4.4200	22,84	0,6497	2 835.00	2 508.96	1,12995	129,90	9,9803	10,2579	4,5983	84,4572	0,84139	1,1297		
30/12/2021	9 715.00	7 187.25	9 656.50	9 515.00	8 757.00	9 928.90	8 678.10	10 099.50	9 696.04	4.4020	22,77	0,6452	2 829.50	2 494.38	1,13435	130,50	9,9596	10,2351	4,5982	84,3918	0,83931	1,1343		
31/12/2021	9 692.00	7 188.31	9 682.00	9 560.00	8 750.00	0.00	8 670.80	10 091.80	9 657.49	4.3845	0,00	0,0000	2 806.00	2 477.38	1,13265	130,41	9,9841	10,2518	4,5962	84,1569	0,84014	1,1325		
Average	9 550.31	7 175.63	9 524.67	9 393.57	8 643.48	9 800.28	8 563.92	9 974.16	9 524.80	4.3243	22,44	0,6383	2 695.36	2 384.71	1,13040	128,79	10,1293	10,2712	4,6131	85,1811	0,84875	1,1302		