

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS
AS OF 23.12.2022**
BASE METALS
OFFICIAL BASE METALS PRICES
LONDON METAL EXCHANGE [USD/mt]
(LME OFFICIAL PRICES)

	Cash settlement	Monthly average settlement	Annual average settlement	3-month settlement
Cu	8 308,50	8 359,50	8 801,68	8 326,00
Sn	23 950,00	23 973,82	31 296,57	24 075,00
Pb	2 280,00	2 193,97	2 148,15	2 238,00
Zn	2 985,00	3 145,00	3 483,70	2 964,00
Al	2 342,00	2 401,32	2 707,35	2 373,00
Ni	29 600,00	28 596,76	25 547,60	29 500,00
Co	51 510,00	51 494,12	63 744,15	51 955,00
Mo	26,07	23,91	18,42	27,32

BASE METALS STOCKS
LME WAREHOUSES
(LME WAREHOUSE STOCKS)

	tonnes	daily change
Cu	81 475	↑ increase of 375 tonnes
Sn	2 855	↓ decrease of 25 tonnes
Pb	24 350	→ no changes
Zn	36 350	↓ decrease of 50 tonnes
Al	466 600	↓ decrease of 6 400 tonnes
Ni	54 300	↓ decrease of 144 tonnes
Co	165	→ no changes

source: LME/Platts; prices in USD/lb
Official copper stocks ex LME

COMEX:	32 200	↓	decrease of 181 tonnes
SHFE:	54 569	↓	decrease of 9 472 tonnes

Total official copper stocks (LME, COMEX & SHFE)

168 244 ↓ decrease of 9 278 tonnes

PRECIOUS METALS
OFFICIAL PRECIOUS METALS PRICES ON LONDON BULLION MARKET
(LBMA/LME)

SILVER

	Cash price	Monthly average	Annual average
[US\$/troz]	2373,50	2312,85	2170,40
[USD/kg]	763,10	743,60	697,80
[EUR\$/troz]	2236,00	2187,94	2057,51
[EUR/kg]	718,89	703,44	661,50

GOLD [USD/troz]

	Cash price	Monthly average	Annual average
AM FIX	1797,40	1792,02	1800,72
PM FIX		1795,27	1800,03

PLATINUM [USD/troz]

	Cash price	Monthly average	Annual average
AM FIX	995,00	1008,47	960,53
PM FIX		1006,94	959,99

PALLADIUM [USD/troz]

	Cash price	Monthly average	Annual average
AM FIX	1658,00	1831,76	2116,55
PM FIX		1835,19	2114,72

OFFICIAL FX AND INTEREST RATES
OFFICIAL FX RATES
NATIONAL BANK OF POLAND
(NBP FIXING)

	Fixing	Monthly average	Annual average
USD	4,3700	4,4313	4,4625
EUR	4,6364	4,6834	4,6877
GBP	5,2722	5,4094	5,5022

LONDON METAL EXCHANGE
(LME SETTLEMENT RATES)

	Cash price	Monthly average	Annual average
EUR	1,0621	1,0577	1,0525
1/€	0,94153	0,94545	0,95012
GBP	1,2069	1,2216	1,2361
1/£	0,82857	0,81860	0,80900

EUROPEAN CENTRAL BANK
(ECB FIXING)

	Fixing	Monthly average	Annual average
EUR	1,0622	1,0576	1,0529
1/€	0,94144	0,94554	0,94976

OFFICIAL INTEREST RATES
AS OF 23.12.2022*

	Fixing	Monthly average	Annual average
WIBOR 1M	6,9600	6,9876	5,6497
WIBOR 3M	7,0400	7,1276	6,0419
LIBOR 1M	4,3887	4,2989	1,8875
LIBOR 3M	4,7239	4,7388	2,3764
EURIBOR 1M	1,8940	1,6843	0,0659
EURIBOR 3M	2,1250	2,0404	0,3196

*Libor quotes as of 22.12.2022; averages as of 12/22
*Euribor quotes as of 22.12.2022; averages as of 12/22
BANK OF CANADA
(Daily Noon Exchange Rate)

	Fixing	Monthly average	Annual average
USDCAD	1,3603	1,3598	1,3006

Bloomberg Fix (BFIK)
(Bloomberg)

	Fixing	Monthly average	Annual average
EURUSD	1,0620	1,0577	1,0529
1/€	0,94162	0,94545	0,94976