

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS  
AS OF 28.12.2022**
**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
<b>Cu</b>	<b>8 451,00</b>	<b>8 364,58</b>	<b>8 800,28</b>	<b>8 471,00</b>
<b>Sn</b>	24 900,00	24 025,28	31 270,88	24 700,00
<b>Pb</b>	2 303,00	2 200,03	2 148,77	2 268,00
<b>Zn</b>	3 056,00	3 140,06	3 481,98	3 035,00
<b>Al</b>	2 343,00	2 398,08	2 705,89	2 378,00
<b>Ni</b>	30 505,00	28 702,78	25 567,51	30 925,00
<b>Co</b>	51 495,00	51 494,17	63 694,96	51 955,00
<b>Mo</b>	25,96	24,02	18,45	28,36

BASE METALS STOCKS  
LME WAREHOUSES  
(LME WAREHOUSE STOCKS)

	tonnes	daily change
<b>Cu</b>	<b>81 400</b> ↓	<b>decrease of 75 tonnes</b>
<b>Sn</b>	2 930 ↑	increase of 75 tonnes
<b>Pb</b>	25 000 ↑	increase of 650 tonnes
<b>Zn</b>	36 325 ↓	decrease of 25 tonnes
<b>Al</b>	461 725 ↓	decrease of 4 875 tonnes
<b>Ni</b>	54 228 ↓	decrease of 72 tonnes
<b>Co</b>	165 →	no changes

source: LME/Platts; prices in USD/lb

**Official copper stocks ex LME**

**COMEX:** 32 109 ↓ decrease of 91 tonnes  
**SHFE:** 54 569 → no changes

**Total official copper stocks (LME, COMEX & SHFE)**

168 078 ↓ decrease of 166 tonnes

**PRECIOUS METALS**

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

**SILVER**

	Cash price	Monthly average	Annual average
[US\$/troz]	<b>2385,50</b>	<b>2316,89</b>	<b>2171,27</b>
[USD/kg]	766,96	744,90	698,08
[EUR\$/troz]	<b>2240,00</b>	<b>2190,83</b>	<b>2058,25</b>
[EUR/kg]	720,18	704,37	661,74

**GOLD [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	1802,65	1792,61	1800,73
PM FIX	1803,35	1795,74	1800,04

**PLATINUM [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	1020,00	1009,11	960,77
PM FIX	1017,00	1007,53	960,22

**PALLADIUM [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	1784,00	1829,11	2115,21
PM FIX	1795,00	1832,82	2113,43

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

	Fixing	Monthly average	Annual average
<b>USD</b>	4,4127	4,4270	4,4620
<b>EUR</b>	4,6938	4,6825	4,6876
<b>GBP</b>	5,3085	5,3966	5,5005

**LONDON METAL EXCHANGE**  
(LME SETTLEMENT RATES)

	Cash price	Monthly average	Annual average
<b>EUR</b>	1,0646	1,0581	1,0526
<b>1/€</b>	0,93932	0,94509	0,95003
<b>GBP</b>	1,2088	1,2209	1,2360
<b>1/£</b>	0,82727	0,81907	0,80906

**EUROPEAN CENTRAL BANK**  
(ECB FIXING)

	Fixing	Monthly average	Annual average
<b>EUR</b>	1,0640	1,0582	1,0529
<b>1/€</b>	0,93985	0,94500	0,94976

**OFFICIAL INTEREST RATES**  
AS OF 28.12.2022\*

	Fixing	Monthly average	Annual average
<b>WIBOR 1M</b>	6,9500	6,9832	5,6601
<b>WIBOR 3M</b>	7,0300	7,1174	6,0498
<b>LIBOR 1M</b>	4,3869	4,3036	1,8976
<b>LIBOR 3M</b>	4,7264	4,7383	2,3859
<b>EURIBOR 1M</b>	1,8950	1,7066	0,0802
<b>EURIBOR 3M</b>	2,1280	2,0535	0,3341

\*Libor quotes as of 23.12.2022; averages as of 12/22

\*Euribor quotes as of 27.12.2022; averages as of 12/22

**BANK OF CANADA**

(Daily Noon Exchange Rate)

	Fixing	Monthly average	Annual average
<b>USDCAD</b>	1,3565	1,3597	1,3008

**Bloomberg Fix (BFIK)**

(Bloomberg)

	Fixing	Monthly average	Annual average
<b>EURUSD</b>	1,0650	1,0584	1,0530
<b>1/€</b>	0,93897	0,94482	0,94967