

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS  
AS OF 13.12.2022**
**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>8 381,00</b>	<b>8 385,33</b>	<b>8 817,39</b>	<b>8 433,00</b>
<b>Sn</b>	24 300,00	24 161,67	31 547,71	24 250,00
<b>Pb</b>	2 201,00	2 192,61	2 146,57	2 210,00
<b>Zn</b>	3 289,00	3 181,39	3 496,35	3 265,00
<b>Al</b>	2 388,00	2 441,72	2 719,07	2 428,00
<b>Ni</b>	28 800,00	28 718,89	25 450,54	29 150,00
<b>Co</b>	51 485,00	51 495,00	64 152,52	51 955,00
<b>Mo</b>	25,80	22,68	18,19	25,24

BASE METALS STOCKS  
LME WAREHOUSES  
(LME WAREHOUSE STOCKS)

	tonnes	daily change
<b>Cu</b>	<b>81 875</b>	↓ decrease of 2 425 tonnes
<b>Sn</b>	3 030	↑ increase of 15 tonnes
<b>Pb</b>	24 350	→ no changes
<b>Zn</b>	36 650	↓ decrease of 50 tonnes
<b>Al</b>	496 425	↓ decrease of 5 250 tonnes
<b>Ni</b>	52 878	↓ decrease of 150 tonnes
<b>Co</b>	165	→ no changes

source: LME/Platts; prices in USD/lb

**Official copper stocks ex LME**

<b>COMEX:</b>	31 403	↓	decrease of 114 tonnes
<b>SHFE:</b>	78 546	→	no changes

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

191 824 ↓ decrease of 2 539 tonnes

**PRECIOUS METALS**

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

**SILVER**

	Cash price	Monthly average	Annual average
[US\$/troz]	<b>2339,50</b>	<b>2280,44</b>	<b>2164,41</b>
[USD/kg]	752,17	733,18	695,87
[EUR\$/troz]	<b>2221,00</b>	<b>2167,22</b>	<b>2052,36</b>
[EUR/kg]	714,07	696,78	659,85

**GOLD [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	1785,15	1785,68	1800,78
PM FIX	1823,55	1790,79	1800,00

**PLATINUM [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	1004,00	1011,56	959,04
PM FIX	1037,00	1012,33	958,82

**PALLADIUM [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	1894,00	1892,67	2128,37
PM FIX	1952,00	1891,78	2125,04

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

	Fixing	Monthly average	Annual average
<b>USD</b>	4,4527	4,4611	4,4647
<b>EUR</b>	4,6945	4,6917	4,6881
<b>GBP</b>	5,4638	5,4513	5,5069

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

	Cash price	Monthly average	Annual average
<b>EUR</b>	1,0549	1,0535	1,0522
<b>1/€</b>	0,94796	0,94922	0,95039
<b>GBP</b>	1,2302	1,2251	1,2368
<b>1/£</b>	0,81288	0,81626	0,80854

**EUROPEAN CENTRAL BANK**  
(ECB FIXING)

	Fixing	Monthly average	Annual average
<b>EUR</b>	1,0545	1,0534	1,0526
<b>1/€</b>	0,94832	0,94931	0,95003

**OFFICIAL INTEREST RATES**  
AS OF 13.12.2022\*

	Fixing	Monthly average	Annual average
<b>WIBOR 1M</b>	6,9900	6,9944	5,6054
<b>WIBOR 3M</b>	7,1000	7,1867	6,0079
<b>LIBOR 1M</b>	4,2921	4,2336	1,7942
<b>LIBOR 3M</b>	4,7527	4,7375	2,2871
<b>EURIBOR 1M</b>	1,6220	1,5499	0,0018
<b>EURIBOR 3M</b>	2,0520	1,9924	0,2546

**BANK OF CANADA**

(Daily Noon Exchange Rate)

	Fixing	Monthly average	Annual average
<b>USDCAD</b>	1,3547	1,3571	1,2985

**Bloomberg Fix (BFIK)**

(Bloomberg)

	Fixing	Monthly average	Annual average
<b>EURUSD</b>	1,0550	1,0535	1,0526
<b>1/€</b>	0,94787	0,94922	0,95003

\*Libor quotes as of 12.12.2022; averages as of 12/22

\*Euribor quotes as of 12.12.2022; averages as of 12/22