

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS  
AS OF 21.12.2022**
**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>8 327,00</b>	<b>8 363,83</b>	<b>8 805,54</b>	<b>8 355,00</b>
<b>Sn</b>	23 875,00	23 978,67	31 356,40	23 880,00
<b>Pb</b>	2 217,00	2 182,70	2 147,09	2 187,50
<b>Zn</b>	3 065,50	3 164,80	3 487,66	3 037,00
<b>Al</b>	2 357,00	2 407,90	2 710,24	2 392,00
<b>Ni</b>	28 175,00	28 526,33	25 518,52	28 275,00
<b>Co</b>	51 485,00	51 492,00	63 843,62	51 955,00
<b>Mo</b>	26,07	23,62	18,36	25,85

**BASE METALS STOCKS**  
LME WAREHOUSES  
(LME WAREHOUSE STOCKS)

	tonnes	daily change
<b>Cu</b>	<b>81 350</b>	↓ decrease of 1 250 tonnes
<b>Sn</b>	2 915	↓ decrease of 25 tonnes
<b>Pb</b>	24 350	→ no changes
<b>Zn</b>	36 450	↓ decrease of 75 tonnes
<b>Al</b>	481 175	↑ increase of 2 675 tonnes
<b>Ni</b>	54 216	↓ decrease of 120 tonnes
<b>Co</b>	165	→ no changes

*source: LME/Platts; prices in USD/lb*
**Official copper stocks ex LME**
**COMEX:** 32 301 ↓ decrease of 254 tonnes  
**SHFE:** 64 041 → no changes

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

177 692 ↓ decrease of 1 504 tonnes

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

**SILVER**

	Cash price	Monthly average	Annual average
[US\$/troz]	<b>2389,00</b>	<b>2304,77</b>	<b>2168,74</b>
[USD/kg]	768,08	741,00	697,27
[EUR\$/troz]	<b>2252,00</b>	<b>2181,53</b>	<b>2056,05</b>
[EUR/kg]	724,03	701,38	661,04

**GOLD [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	1813,50	1790,12	1800,68
PM FIX	1817,55	1794,90	1800,02

**PLATINUM [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	999,00	1009,60	960,21
PM FIX	997,00	1008,47	959,89

**PALLADIUM [USD/troz]**

	Cash price	Monthly average	Annual average
AM FIX	1707,00	1850,60	2120,02
PM FIX	1700,00	1844,73	2116,44

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

	Fixing	Monthly average	Annual average
<b>USD</b>	4,3947	4,4393	4,4633
<b>EUR</b>	4,6648	4,6884	4,6880
<b>GBP</b>	5,3342	5,4265	5,5040

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

	Cash price	Monthly average	Annual average
<b>EUR</b>	1,0631	1,0571	1,0525
<b>1/€</b>	0,94065	0,94598	0,95012
<b>GBP</b>	1,2130	1,2237	1,2364
<b>1/£</b>	0,82440	0,81719	0,80880

**EUROPEAN CENTRAL BANK**  
(ECB FIXING)

	Fixing	Monthly average	Annual average
<b>EUR</b>	1,0636	1,0569	1,0528
<b>1/€</b>	0,94020	0,94616	0,94985

**OFFICIAL INTEREST RATES**  
AS OF 21.12.2022\*

	Fixing	Monthly average	Annual average
<b>WIBOR 1M</b>	6,9600	6,9907	5,6390
<b>WIBOR 3M</b>	7,0500	7,1387	6,0337
<b>LIBOR 1M</b>	4,3613	4,2800	1,8568
<b>LIBOR 3M</b>	4,7526	4,7414	2,3476
<b>EURIBOR 1M</b>	1,8980	1,6369	0,0438
<b>EURIBOR 3M</b>	2,0810	2,0228	0,2980

*\*Libor quotes as of 20.12.2022; averages as of 12/22*
*\*Euribor quotes as of 20.12.2022; averages as of 12/22*
**BANK OF CANADA**
*(Daily Noon Exchange Rate)*

	Fixing	Monthly average	Annual average
<b>USDCAD</b>	1,3612	1,3594	1,3001

**Bloomberg Fix (BFIK)**
*(Bloomberg)*

	Fixing	Monthly average	Annual average
<b>EURUSD</b>	1,0630	1,0570	1,0528
<b>1/€</b>	0,94073	0,94607	0,94985