

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS
AS OF 20.11.2023**
BASE METALS
OFFICIAL BASE METALS PRICES

 LONDON METAL EXCHANGE [USD/mt]
(LME OFFICIAL PRICES)

| | Cash settlement | Monthly average settlement | Annual average settlement | 3-month price settlement |
|-----------|-----------------|----------------------------|---------------------------|--------------------------|
| Cu | 8 247,00 | 8 094,61 | 8 490,76 | 8 345,00 |
| Sn | 24 700,00 | 24 481,07 | 26 152,10 | 24 850,00 |
| Pb | 2 285,00 | 2 190,18 | 2 145,46 | 2 284,50 |
| Zn | 2 563,00 | 2 556,75 | 2 663,34 | 2 564,50 |
| Al | 2 192,00 | 2 215,29 | 2 258,43 | 2 228,50 |
| Ni | 16 635,00 | 17 358,21 | 22 089,38 | 16 900,00 |
| Co | 33 005,00 | 33 003,57 | 34 744,37 | 33 420,00 |
| Mo | 17,23 | 17,60 | 25,18 | 16,86 |

BASE METALS STOCKS

 LME WAREHOUSES
(LME WAREHOUSE STOCKS)

| | tonnes | daily change |
|-----------|----------------|-----------------------------------|
| Cu | 179 975 | ↓ decrease of 1 300 tonnes |
| Sn | 7 840 | ↑ increase of 55 tonnes |
| Pb | 135 925 | → no changes |
| Zn | 133 525 | ↑ increase of 475 tonnes |
| Al | 479 775 | ↓ decrease of 2 000 tonnes |
| Ni | 44 358 | ↑ increase of 42 tonnes |
| Co | 92 | → no changes |

source: LME/Platts; prices in USD/lb

Official copper stocks ex LME
COMEX: 17 956 ↓ decrease of 20 tonnes
SHFE: 31 026 → no changes

Total official copper stocks (LME, COMEX & SHFE)

228 957 ↓ decrease of 1 320 tonnes

PRECIOUS METALS
OFFICIAL PRECIOUS METALS PRICES ON LONDON BULLION MARKET

(LBMA/LME)

SILVER

| | Cash price | Monthly average | Annual average |
|--------------|----------------|-----------------|----------------|
| [US\$/troz] | 2338,50 | 2289,00 | 2326,29 |
| [USD/kg] | 751,85 | 735,93 | 747,92 |
| [EUR\$/troz] | 2141,00 | 2133,36 | 2153,26 |
| [EUR/kg] | 688,35 | 685,89 | 692,29 |

GOLD [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1976,05 | 1968,93 | 1931,47 |
| PM FIX | 1968,70 | 1968,31 | 1931,14 |

PLATINUM [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 903,00 | 896,29 | 968,39 |
| PM FIX | 899,00 | 895,14 | 968,28 |

PALLADIUM [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1060,00 | 1049,57 | 1368,98 |
| PM FIX | 1073,00 | 1049,14 | 1368,47 |

OFFICIAL FX AND INTEREST RATES
OFFICIAL FX RATES
NATIONAL BANK OF POLAND

(NBP FIXING)

| | Fixing | Monthly average | Annual average |
|------------|--------|-----------------|----------------|
| USD | 3,9938 | 4,1197 | 4,2302 |
| EUR | 4,3680 | 4,4246 | 4,5682 |
| GBP | 4,9960 | 5,0759 | 5,2469 |

LONDON METAL EXCHANGE

(LME SETTLEMENT RATES)

| | Cash price | Monthly average | Annual average |
|------------|------------|-----------------|----------------|
| EUR | 1,0930 | 1,0734 | 1,0800 |
| 1/€ | 0,91491 | 0,93162 | 0,92593 |
| GBP | 1,2472 | 1,2312 | 1,2409 |
| 1/£ | 0,80180 | 0,81222 | 0,80587 |

EUROPEAN CENTRAL BANK

(ECB FIXING)

| | Fixing | Monthly average | Annual average |
|------------|---------|-----------------|----------------|
| EUR | 1,0928 | 1,0735 | 1,0801 |
| 1/€ | 0,91508 | 0,93153 | 0,92584 |

OFFICIAL INTEREST RATES

AS OF 20.11.2023*

| | Fixing | Monthly average | Annual average |
|-------------------|--------|-----------------|----------------|
| WIBOR 1M | 5,7900 | 5,7954 | 6,6455 |
| WIBOR 3M | 5,8300 | 5,7308 | 6,6085 |
| LIBOR 1M | 5,4470 | 5,4399 | 5,1048 |
| LIBOR 3M | 5,6285 | 5,6377 | 5,3668 |
| EURIBOR 1M | 3,8190 | 3,8448 | 3,1700 |
| EURIBOR 3M | 3,9840 | 3,9802 | 3,3705 |

*Libor quotes as of 17.11.2023; averages as of 11/23

*Euribor quotes as of 17.11.2023; averages as of 11/23

BANK OF CANADA

(Daily Noon Exchange Rate)

| | Fixing | Monthly average | Annual average |
|---------------|---------|-----------------|----------------|
| USDCAD | 1,3726 | 1,3751 | 1,3497 |
| 1/C\$ | 0,72854 | 0,72722 | 0,74091 |

Bloomberg Fix (BFIK)

(Bloomberg)

| | Fixing | Monthly average | Annual average |
|---------------|---------|-----------------|----------------|
| EURUSD | 1,0929 | 1,0734 | 1,0802 |
| 1/€ | 0,91500 | 0,93162 | 0,92575 |

In case of questions, comments or remarks

 please feel free to contact us: marketrisk@kgm.com