

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS
AS OF 19.12.2022**
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 | 8 331,00 | 8 371,42 | 8 809,57 | 8 366,00 |
| Sn | 23 300,00 | 24 033,08 | 31 419,77 | 23 335,00 |
| Pb | 2 179,00 | 2 180,65 | 2 146,69 | 2 168,50 |
| Zn | 3 060,00 | 3 179,35 | 3 491,08 | 3 027,00 |
| Al | 2 327,00 | 2 417,85 | 2 713,25 | 2 364,00 |
| Ni | 27 525,00 | 28 563,08 | 25 495,82 | 27 775,00 |
| Co | 51 480,00 | 51 493,08 | 63 944,92 | 51 955,00 |
| Mo | 24,60 | 23,36 | 18,30 | 25,80 |

BASE METALS STOCKS
LME WAREHOUSES
(LME WAREHOUSE STOCKS)

| | tonnes | daily change |
|-----------|-----------------|-------------------------------|
| Cu | 83 575 ↓ | decrease of 525 tonnes |
| Sn | 2 995 ↓ | decrease of 10 tonnes |
| Pb | 24 350 → | no changes |
| Zn | 36 575 → | no changes |
| Al | 479 525 ↑ | increase of 1 875 tonnes |
| Ni | 54 360 ↑ | increase of 498 tonnes |
| Co | 165 → | no changes |

source: LME/Platts; prices in USD/lb
Official copper stocks ex LME
COMEX: 32 630 ↑ increase of 1 021 tonnes
SHFE: 64 041 → no changes

Total official copper stocks (LME, COMEX & SHFE)

180 246 ↑ increase of 496 tonnes

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

SILVER

| | Cash price | Monthly average | Annual average |
|-------------|----------------|-----------------|----------------|
| [US\$/troz] | 2324,00 | 2292,96 | 2166,99 |
| [USD/kg] | 747,18 | 737,20 | 696,70 |
| [EUR€/troz] | 2191,00 | 2172,31 | 2054,53 |
| [EUR/kg] | 704,42 | 698,41 | 660,55 |

GOLD [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1796,50 | 1787,07 | 1800,60 |
| PM FIX | 1790,80 | 1791,70 | 1799,89 |

PLATINUM [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1002,00 | 1011,23 | 959,89 |
| PM FIX | 992,00 | 1010,69 | 959,61 |

PALLADIUM [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1731,00 | 1874,23 | 2123,51 |
| PM FIX | 1726,00 | 1868,92 | 2119,98 |

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

| | Fixing | Monthly average | Annual average |
|------------|--------|-----------------|----------------|
| USD | 4,4153 | 4,4458 | 4,4638 |
| EUR | 4,6886 | 4,6908 | 4,6881 |
| GBP | 5,3926 | 5,4397 | 5,5053 |

LONDON METAL EXCHANGE
(LME SETTLEMENT RATES)

| | Cash price | Monthly average | Annual average |
|------------|------------|-----------------|----------------|
| EUR | 1,0607 | 1,0563 | 1,0524 |
| 1/€ | 0,94277 | 0,94670 | 0,95021 |
| GBP | 1,2179 | 1,2253 | 1,2366 |
| 1/£ | 0,82109 | 0,81613 | 0,80867 |

EUROPEAN CENTRAL BANK
(ECB FIXING)

| | Fixing | Monthly average | Annual average |
|------------|---------|-----------------|----------------|
| EUR | 1,0598 | 1,0561 | 1,0527 |
| 1/€ | 0,94357 | 0,94688 | 0,94994 |

OFFICIAL INTEREST RATES
AS OF 19.12.2022*

| | Fixing | Monthly average | Annual average |
|-------------------|--------|-----------------|----------------|
| WIBOR 1M | 6,9800 | 6,9938 | 5,6281 |
| WIBOR 3M | 7,0600 | 7,1515 | 6,0254 |
| LIBOR 1M | 4,3529 | 4,2671 | 1,8361 |
| LIBOR 3M | 4,7459 | 4,7407 | 2,3277 |
| EURIBOR 1M | 1,7480 | 1,6018 | 0,0292 |
| EURIBOR 3M | 2,0470 | 2,0146 | 0,2837 |

BANK OF CANADA

(Daily Noon Exchange Rate)

| | Fixing | Monthly average | Annual average |
|---------------|--------|-----------------|----------------|
| USDCAD | 1,3653 | 1,3591 | 1,2996 |

Bloomberg Fix (BFIK)

(Bloomberg)

| | Fixing | Monthly average | Annual average |
|---------------|---------|-----------------|----------------|
| EURUSD | 1,0607 | 1,0563 | 1,0527 |
| 1/€ | 0,94277 | 0,94670 | 0,94994 |

*Libor quotes as of 16.12.2022; averages as of 12/22

*Euribor quotes as of 16.12.2022; averages as of 12/22

In case of questions, comments or remarks
please feel free to contact us: marketrisk@kgmh.com