

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS
AS OF 27.12.2019**
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 | 6 211,00 | 6 050,50 | 5 998,38 | 6 240,00 |
| Sn | 17 100,00 | 17 113,33 | 18 656,67 | 17 075,00 |
| Pb | 1 910,00 | 1 896,08 | 2 000,25 | 1 925,00 |
| Zn | 2 296,00 | 2 270,69 | 2 548,27 | 2 299,00 |
| Al | 1 789,00 | 1 767,61 | 1 791,10 | 1 816,50 |
| Ni | 14 000,00 | 13 765,83 | 13 935,04 | 14 050,00 |
| Co | 32 500,00 | 33 944,44 | 33 350,60 | 33 000,00 |
| Mo | 9,21 | 9,21 | 11,38 | - |

BASE METALS STOCKS
LME WAREHOUSES
(LME WAREHOUSE STOCKS)

| | tonnes | daily change |
|-----------|------------------|---------------------------------|
| Cu | 147 350 ↓ | decrease of 1 725 tonnes |
| Sn | 7 335 ↓ | decrease of 25 tonnes |
| Pb | 66 575 ↓ | decrease of 150 tonnes |
| Zn | 51 600 ↓ | decrease of 300 tonnes |
| Al | 1 483 625 ↓ | decrease of 900 tonnes |
| Ni | 143 190 ⇒ | no changes |
| Co | 685 ⇒ | no changes |

source: LME/Platts; prices in USD/lb; annual average from 11 III 2019

Official copper stocks ex LME

| | | | |
|---------------|---------|---|--------------------------|
| COMEX: | 34 794 | ↓ | decrease of 1 455 tonnes |
| SHFE: | 123 647 | ↓ | decrease of 5 422 tonnes |

Total official copper stocks (LME, COMEX & SHFE)

305 791 ↓ decrease of 8 602 tonnes

PRECIOUS METALS

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

SILVER

| | Cash price | Monthly average | Annual average |
|-------------|----------------|-----------------|----------------|
| [USc/troz] | 1782,50 | 1702,31 | 1619,48 |
| [USD/kg] | 573,09 | 547,30 | 520,67 |
| [EURc/troz] | 1599,00 | 1533,28 | 1447,59 |
| [EUR/kg] | 514,09 | 492,96 | 465,41 |

GOLD [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1510,60 | 1475,89 | 1392,73 |
| PM FIX | 1511,50 | 1473,77 | 1392,11 |

PLATINUM [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 950,00 | 918,67 | 863,17 |
| PM FIX | 946,00 | 919,24 | 862,54 |

PALLADIUM [USD/troz]

| | Cash price | Monthly average | Annual average |
|--------|------------|-----------------|----------------|
| AM FIX | 1898,00 | 1902,67 | 1536,38 |
| PM FIX | 1901,00 | 1903,53 | 1535,27 |

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

| | Fixing | Monthly average | Annual average |
|------------|--------|-----------------|----------------|
| USD | 3,8266 | 3,8491 | 3,8403 |
| EUR | 4,2624 | 4,2739 | 4,2992 |
| GBP | 5,0019 | 5,0478 | 4,8981 |

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

| | Cash price | Monthly average | Annual average |
|------------|------------|-----------------|----------------|
| EUR | 1,1153 | 1,1103 | 1,1195 |
| 1/€ | 0,89662 | 0,90066 | 0,89326 |
| GBP | 1,3096 | 1,3116 | 1,2759 |
| 1/£ | 0,76359 | 0,76243 | 0,78376 |

**EUROPEAN CENTRAL BANK
(ECB FIXING)**

| | Fixing | Monthly average | Annual average |
|------------|---------|-----------------|----------------|
| EUR | 1,1153 | 1,1103 | 1,1195 |
| 1/€ | 0,89662 | 0,90066 | 0,89326 |

OFFICIAL INTEREST RATES

AS OF 27.12.2019*

| | Fixing | Monthly average | Annual average |
|-------------------|---------|-----------------|----------------|
| WIBOR 1M | 1,6300 | 1,6300 | 1,6375 |
| WIBOR 3M | 1,7100 | 1,7039 | 1,7177 |
| LIBOR 1M | 1,8048 | 1,7467 | 2,2274 |
| LIBOR 3M | 1,9605 | 1,9074 | 2,3301 |
| EURIBOR 1M | -0,4520 | -0,4541 | -0,4028 |
| EURIBOR 3M | -0,3980 | -0,3957 | -0,3568 |

BANK OF CANADA

(Daily Noon Exchange Rate)

| | Fixing | Monthly average | Annual average |
|---------------|--------|-----------------|----------------|
| USDCAD | 1,3078 | 1,3188 | 1,3271 |

Bloomberg Fix (BFIK)

(Bloomberg)

| | Fixing | Monthly average | Annual average |
|---------------|---------|-----------------|----------------|
| EURUSD | 1,1154 | 1,1102 | 1,1194 |
| 1/€ | 0,89654 | 0,90074 | 0,89334 |

*Libor i Euribor quotes as of 24.12.2019; averages as of 12/19