

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS  
AS OF 20.12.2019**
**BASE METALS**

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

	Cash settlement	Montly average settlement	Annual average settlement	3-month settlement
<b>Cu</b>	<b>6 155,50</b>	<b>6 024,03</b>	<b>5 996,15</b>	<b>6 186,00</b>
<b>Sn</b>	17 260,00	17 087,67	18 673,79	17 250,00
<b>Pb</b>	1 909,00	1 893,97	2 001,39	1 928,00
<b>Zn</b>	2 341,00	2 266,10	2 551,35	2 340,00
<b>Al</b>	1 770,50	1 764,40	1 791,19	1 803,00
<b>Ni</b>	14 220,00	13 673,33	13 931,49	14 275,00
<b>Co</b>	32 500,00	34 233,33	33 360,89	33 000,00
<b>Mo</b>	9,22	9,21	11,41	-

BASE METALS STOCKS  
LME WAREHOUSES  
(LME WAREHOUSE STOCKS)

	tonnes	daily change
<b>Cu</b>	<b>154 450</b>	↓ decrease of 3 050 tonnes
<b>Sn</b>	7 390	↑ increase of 305 tonnes
<b>Pb</b>	67 175	↓ decrease of 75 tonnes
<b>Zn</b>	52 800	↓ decrease of 725 tonnes
<b>Al</b>	1 486 550	↓ decrease of 750 tonnes
<b>Ni</b>	140 412	↑ increase of 3 642 tonnes
<b>Co</b>	685	↔ no changes

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

Official copper stocks ex LME

<b>COMEX:</b>	36 249	↓ decrease of 17 tonnes
<b>SHFE:</b>	129 069	↑ increase of 11 824 tonnes

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

319 768 ↑ increase of 8 757 tonnes

**PRECIOUS METALS**

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

SILVER				GOLD [USD/troz]			
	Cash price	Monthly average	Annual average		Cash price	Monthly average	Annual average
[US\$/troz]	<b>1703,50</b>	<b>1690,87</b>	<b>1617,78</b>	AM FIX	1476,90	1472,04	1391,49
[USD/kg]	547,69	543,63	520,13	PM FIX	1479,00	1470,70	1391,26
[EUR\$/troz]	<b>1535,00</b>	<b>1522,93</b>	<b>1445,93</b>				
[EUR/kg]	493,51	489,63	464,88				
PLATINUM [USD/troz]				PALLADIUM [USD/troz]			
	Cash price	Monthly average	Annual average		Cash price	Monthly average	Annual average
AM FIX	931,00	915,27	862,29	AM FIX	1939,00	1906,20	1532,17
PM FIX	936,00	917,67	861,99	PM FIX	1930,00	1907,07	1532,51

**OFFICIAL FX AND INTEREST RATES**

OFFICIAL FX RATES

NATIONAL BANK OF POLAND (NBP FIXING)				LONDON METAL EXCHANGE (LME SETTLEMENT RATES)				EUROPEAN CENTRAL BANK (ECB FIXING)			
	Fixing	Monthly average	Annual average		Cash price	Monthly average	Annual average		Fixing	Monthly average	Annual average
<b>USD</b>	3,8311	3,8513	3,8403	<b>EUR</b>	1,1100	1,1103	1,1196	<b>EUR</b>	1,1097	1,1103	1,1196
<b>EUR</b>	4,2604	4,2766	4,2996	<b>1/€</b>	0,90090	0,90066	0,89318	<b>1/€</b>	0,90114	0,90066	0,89318
<b>GBP</b>	4,9958	5,0591	4,8970	<b>GBP</b>	1,3031	1,3140	1,2756				
				<b>1/£</b>	0,76740	0,76104	0,78394				

OFFICIAL INTEREST RATES  
AS OF 20.12.2019\*

	Fixing	Monthly average	Annual average
<b>WIBOR 1M</b>	1,6300	1,6300	1,6376
<b>WIBOR 3M</b>	1,7000	1,7027	1,7178
<b>LIBOR 1M</b>	1,7851	1,7332	2,2344
<b>LIBOR 3M</b>	1,9278	1,8962	2,3363
<b>EURIBOR 1M</b>	-0,4530	-0,4555	-0,4020
<b>EURIBOR 3M</b>	-0,3980	-0,3963	-0,3562

\*Libor i Euribor quotes as of 19.12.2019; averages as of 12/19

**BANK OF CANADA**

(Daily Noon Exchange Rate)

	Fixing	Monthly average	Annual average
<b>USDCAD</b>	1,3164	1,3199	1,3273
<b>Bloomberg Fix (BFI)</b> (Bloomberg)			
	Fixing	Monthly average	Annual average
<b>EURUSD</b>	1,1102	1,1103	1,1195
<b>1/€</b>	0,90074	0,90066	0,89326