

**DAILY QUOTES OF SELECTED COMMODITIES AND FX MARKETS  
AS OF 28.11.2019**
**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
<b>Cu</b>	<b>5 881,50</b>	<b>5 859,98</b>	<b>5 994,96</b>	<b>5 905,00</b>
<b>Sn</b>	16 450,00	16 370,25	18 786,36	16 425,00
<b>Pb</b>	1 926,00	2 036,15	2 008,56	1 943,00
<b>Zn</b>	2 312,50	2 438,98	2 570,82	2 286,00
<b>Al</b>	1 765,00	1 771,65	1 792,94	1 756,50
<b>Ni</b>	14 070,00	15 269,00	13 948,71	14 080,00
<b>Co</b>	35 500,00	35 500,00	33 295,26	36 500,00
<b>Mo</b>	8,93	8,93	11,61	-

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

	tonnes	daily change
<b>Cu</b>	<b>210 200</b>	<b>↓ decrease of 3 000 tonnes</b>
<b>Sn</b>	6 465	↓ decrease of 30 tonnes
<b>Pb</b>	67 625	↑ increase of 250 tonnes
<b>Zn</b>	59 800	↑ increase of 925 tonnes
<b>Al</b>	1 230 300	↑ increase of 1 975 tonnes
<b>Ni</b>	67 542	↓ decrease of 150 tonnes
<b>Co</b>	687	→ no changes

*source: LME/Platts; prices in USD/lb; annual average from 11 III 2019*
**Official copper stocks ex LME**

<b>COMEX:</b>	36 375	→ no changes
<b>SHFE:</b>	135 037	→ no changes

**Total official copper stocks (LME, COMEX & SHFE)**
**381 612 ↓ decrease of 3 000 tonnes**
**PRECIOUS METALS**
**OFFICIAL PRECIOUS METALS PRICES ON LONDON BULLION MARKET**  
(LBMA/LME)

<b>SILVER</b>				<b>GOLD [USD/troz]</b>			
	Cash price	Monthly average	Annual average		Cash price	Monthly average	Annual average
[US\$/troz]	<b>1694,50</b>	<b>1719,03</b>	<b>1612,72</b>	AM FIX	1457,55	1472,70	1386,00
[USD/kg]	544,79	552,68	518,50	PM FIX	1454,65	1470,51	1385,83
[EUR\$/troz]	<b>1540,00</b>	<b>1554,90</b>	<b>1440,53</b>				
[EUR/kg]	495,12	499,91	463,14				

  

<b>PLATINUM [USD/troz]</b>				<b>PALLADIUM [USD/troz]</b>			
	Cash price	Monthly average	Annual average		Cash price	Monthly average	Annual average
AM FIX	892,00	903,00	858,72	AM FIX	1833,00	1765,80	1506,66
PM FIX	890,00	901,60	858,25	PM FIX	1833,00	1764,55	1507,00

**OFFICIAL FX AND INTEREST RATES**
**OFFICIAL FX RATES**

<b>NATIONAL BANK OF POLAND</b> (NBP FIXING)				<b>LONDON METAL EXCHANGE</b> (LME SETTLEMENT RATES)				<b>EUROPEAN CENTRAL BANK</b> (ECB FIXING)			
	Fixing	Monthly average	Annual average		Cash price	Monthly average	Annual average		Fixing	Monthly average	Annual average
<b>USD</b>	3,9252	3,8777	3,8392	<b>EUR</b>	1,1004	1,1054	1,1203	<b>EUR</b>	1,1005	1,1054	1,1203
<b>EUR</b>	4,3230	4,2861	4,3010	<b>1/€</b>	0,90876	0,90465	0,89262	<b>1/€</b>	0,90868	0,90465	0,89262
<b>GBP</b>	5,0775	4,9975	4,8857	<b>GBP</b>	1,2915	1,2885	1,2731				
				<b>1/£</b>	0,77429	0,77610	0,78548				

**OFFICIAL INTEREST RATES**  
AS OF 28.11.2019\*

	Fixing	Monthly average	Annual average
<b>WIBOR 1M</b>	1,6300	1,6300	1,6381
<b>WIBOR 3M</b>	1,7100	1,7100	1,7188
<b>LIBOR 1M</b>	1,6911	1,7388	2,2694
<b>LIBOR 3M</b>	1,9138	1,9047	2,3667
<b>EURIBOR 1M</b>	-0,4480	-0,4513	-0,3985
<b>EURIBOR 3M</b>	-0,4000	-0,4015	-0,3534

**BANK OF CANADA**

(Daily Noon Exchange Rate)

	Fixing	Monthly average	Annual average
<b>USDCAD</b>	1,3285	1,3236	1,3278

**Bloomberg Fix (BFIK)**

(Bloomberg)

	Fixing	Monthly average	Annual average
<b>EURUSD</b>	1,1004	1,1054	1,1202
<b>1/€</b>	0,90876	0,90465	0,89270

*\*Libor i Euribor quotes as of 27.11.2019; averages as of 11/19*