

Prices

For the latest prices go to <http://www.metalbulletin.com/My-price-book.html>

NEW YORK FUTURES

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	316.75	0.46% ▲	26 Oct 17
Open interest	311,685	1.19% ▲	25 Oct 17
Stocks (short ton)	206,080	0.95% ▲	25 Oct 17
Comex: Gold \$/troy oz			
Settlement	1,266.30	-1.6% ▼	26 Oct 17
Open interest	526,221	0.24% ▲	25 Oct 17
Stocks (troy oz)	8,447,588	-0.75% ▼	25 Oct 17
Nymex: Palladium \$/troy oz			
Settlement	968.10	1.61% ▲	26 Oct 17
Stocks (troy oz)	54,083	0% ▲	25 Oct 17
Nymex: Platinum \$/troy oz			
Settlement	918.20	-0.54% ▼	26 Oct 17
Stocks (troy oz)	197,069	0.02% ▲	25 Oct 17
Comex: Silver cents/troy oz			
Settlement	1,676.40	-2.54% ▼	26 Oct 17
Open interest	193,862	1.05% ▲	25 Oct 17

SHANGHAI FUTURES

	Price	Change [†]	Assessed
Aluminium yuan/tonne	16,175	-0.43% ▼	27 Oct 17
Copper yuan/tonne	54,100	-1.96% ▼	27 Oct 17
Nickel cathode yuan/tonne	93,190	-3.72% ▼	27 Oct 17
Tin ingot yuan/tonne	144,000	0.14% ▲	27 Oct 17
Zinc yuan/tonne	25,915	0.23% ▲	27 Oct 17
Steel rebar month 1 yuan/tonne	3,680	-2.34% ▼	27 Oct 17
Steel rebar month 2 yuan/tonne	3,665	-2.27% ▼	27 Oct 17
Steel rebar month 3 yuan/tonne	3,619	-1.63% ▼	27 Oct 17
Weekly stocks deliverable			
Aluminium (tonnes)	636,270	3.4% ▲	27 Oct 17
Copper (tonnes)	107,892	-4.24% ▼	27 Oct 17
Nickel cathode (tonnes)	48,711	0.83% ▲	27 Oct 17
Tin ingot (tonnes)	9,724	0.52% ▲	27 Oct 17
Zinc (tonnes)	71,558	5.56% ▲	27 Oct 17
Steel rebar (tonnes)	27,379	-40.31% ▼	27 Oct 17

DAILY METAL AND STEEL

London forward LME settlement prices. All prices per tonne, unless otherwise stated, in LME warehouse, EU duty, if any paid for buyers account

	Price	Change [†]	Assessed
Aluminium high grade \$			
Cash official	2,118–2,119	-1.86% ▼	27 Oct 17
Cash unofficial	2,173–2,174	2.07% ▲	26 Oct 17
3 months official	2,141–2,142	-1.12% ▼	27 Oct 17
3 months unofficial	2,186–2,187	2.17% ▲	26 Oct 17
LME Tapo notional average price (NAP)	2,129.84	0.38% ▲	26 Oct 17
LME stocks (tonnes)	1,196,600	-0.47% ▼	26 Oct 17
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,815–1,825	0%	27 Oct 17
LME cash unofficial	1,815–1,825	0%	26 Oct 17
LME 3 months official	1,830–1,840	0%	27 Oct 17
LME 3 months unofficial	1,830–1,840	0%	26 Oct 17
LME stocks (tonnes)	11,920	0%	26 Oct 17

Price Change Assessed

N. American special aluminium alloy

LME cash official	1,875–1,880	-1.57% ▼	27 Oct 17
LME cash unofficial	1,938–1,948	1.46% ▲	26 Oct 17
LME 3 months official	1,900–1,910	-1.04% ▼	27 Oct 17
LME 3 months unofficial	1,950–1,960	1.3% ▲	26 Oct 17
LME stocks (tonnes)	177,960	0.14% ▲	26 Oct 17

Copper grade A \$

LME cash official	6,831–6,831.5	-2.53% ▼	27 Oct 17
LME cash unofficial	6,956–6,958	0.21% ▲	26 Oct 17
LME 3 months official	6,850.5–6,851	-2.58% ▼	27 Oct 17
LME 3 months unofficial	6,980–6,982	0.03% ▲	26 Oct 17
LME Tapo notional average price (NAP)	6,794	1.07% ▲	26 Oct 17
LME stocks (tonnes)	272,625	-5.22% ▼	26 Oct 17

Lead \$

LME cash official	2,430–2,431	-2.85% ▼	27 Oct 17
LME cash unofficial	2,476–2,478	-0.2% ▼	26 Oct 17
LME 3 months official	2,433–2,434	-3.14% ▼	27 Oct 17
LME 3 months unofficial	2,483–2,485	-0.12% ▼	26 Oct 17
LME stocks (tonnes)	149,575	-0.33% ▼	26 Oct 17

Nickel \$

LME cash official	11,365–11,370	-5.64% ▼	27 Oct 17
LME cash unofficial	11,690–11,715	0.26% ▲	26 Oct 17
LME 3 months official	11,370–11,375	-5.97% ▼	27 Oct 17
LME 3 months unofficial	11,725–11,750	0%	26 Oct 17
LME stocks (tonnes)	384,294	-0.94% ▼	26 Oct 17

Tin \$

LME cash official	19,750–19,800	-0.69% ▼	27 Oct 17
LME cash unofficial	20,050–20,100	0.55% ▲	26 Oct 17
LME 3 months official	19,600–19,650	-0.76% ▼	27 Oct 17
LME 3 months unofficial	19,900–19,950	0.25% ▲	26 Oct 17
LME stocks (tonnes)	2,095	-0.71% ▼	26 Oct 17

Zinc special high grade \$

LME cash official	3,200–3,201	-0.22% ▼	27 Oct 17
LME cash unofficial	3,283.5–3,285.5	3.69% ▲	26 Oct 17
LME 3 months official	3,144–3,145	-0.1% ▼	27 Oct 17
LME 3 months unofficial	3,222–3,224	3.53% ▲	26 Oct 17
LME stocks (tonnes)	260,825	-3.02% ▼	26 Oct 17

Cobalt min 99.3%

LME cash official	60,000–60,500	-1.23% ▼	27 Oct 17
LME 3 months official	60,000–60,500	-0.82% ▼	27 Oct 17
LME stocks (tonnes)	750	-0.13% ▼	26 Oct 17

Molybdenum \$

LME cash official	15,500–16,000	0%	27 Oct 17
LME 3 months official	15,500–16,000	0%	27 Oct 17
LME stocks (tonnes)	0	0%	26 Oct 17

Gold \$/troy oz

London morning	1,267.80	-0.97% ▼	27 Oct 17
London afternoon	1,273.75	-0.98% ▼	26 Oct 17
Handy/Harman	1,273.75	-0.98% ▼	26 Oct 17

Silver per troy oz

London spot pence	1,276	-1.54% ▼	27 Oct 17
-------------------	-------	----------	-----------

[†] week-on-week change

continued >>

	Price	Change	Assessed
London spot cents	1,672	-2.08%	▼ 27 Oct 17
Handy/Harman	1,691.5	-1.86%	▼ 26 Oct 17
Palladium \$/troy oz			
London morning	968	1.15%	▲ 26 Oct 17
London afternoon	970	2%	▲ 26 Oct 17
Platinum \$/troy oz			
London morning	921	-0.11%	▼ 26 Oct 17
London afternoon	927	0.65%	▲ 26 Oct 17
Kuala Lumpur tin market			
Tin \$/tonne	19,900	-1%	▼ 27 Oct 17
ICDX			
Tin PB300 settlement price \$/tonne	20,000	-0.5%	▼ 27 Oct 17
Tin PB300 volume, tonnes	28	-30%	▼ 27 Oct 17

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change [†]	Assessed
Copper	97,266.21	1.97%	▲ 27 Oct 17
Aluminium	30,170.11	2.67%	▲ 27 Oct 17
Lead	34,612.33	1.64%	▲ 27 Oct 17
Zinc	45,575.52	4.38%	▲ 27 Oct 17
Nickel	161,884.92	-1.29%	▼ 27 Oct 17
Tin	281,910.42	3.95%	▲ 27 Oct 17

EXCHANGE RATES

	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.3097	-0.66%	▼ 27 Oct 17
\$/¥	114.1600	0.87%	▲ 27 Oct 17
\$/€	1.1608	-1.76%	▼ 27 Oct 17
Closing rates, midpoint			
\$/£	1.3168	-0.27%	▼ 26 Oct 17
\$/¥	113.9600	1.29%	▲ 26 Oct 17
\$/€	1.1703	-1.27%	▼ 26 Oct 17
£/€	1.1252	1.01%	▲ 26 Oct 17
\$/CNY	6.6350	0.11%	▲ 26 Oct 17

BASE METALS ARBITRAGE

	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-259.87*	9.45%	▲ 27 Oct 17
Import arbitrage, RMB/tonne	-1,731.94*	10.01%	▲ 27 Oct 17
Copper			
Import arbitrage, \$/tonne	-56.38*	-1067.07%	▼ 27 Oct 17
Import arbitrage, RMB/tonne	-375.75*	-1071.93%	▼ 27 Oct 17
Nickel			
Import arbitrage, \$/tonne	227.56*	-220.41%	▼ 27 Oct 17
Import arbitrage, RMB/tonne	1,516.63*	-221.03%	▼ 27 Oct 17
Zinc			
Import arbitrage, \$/tonne	0.06*	-99.93%	▼ 27 Oct 17
Import arbitrage, RMB/tonne	0.39*	-99.93%	▼ 27 Oct 17

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

*MB Copyright

	Price	Change [†]	Assessed
Copper			
Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne	160-190*	-12.5%	▼ 03 May 17
Rotterdam, Grade A, cathode, cif, \$/tonne	45.0-50.0*	0%	24 Oct 17
North European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-15.0*	0%	24 Oct 17
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	50.0-55.0*	0%	24 Oct 17
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	55.00*	5.77%	▲ 24 Oct 17
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	60.0-65.0*	0%	24 Oct 17
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	62.50*	0%	24 Oct 17
Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	24 Oct 17
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	70.0-83.0*	2%	▲ 27 Oct 17
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	75.00*	0%	27 Oct 17
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	65.0-75.0*	0%	27 Oct 17
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	69.00*	-1.43%	▼ 27 Oct 17
MB free market US: High-grade cathode premium indicator, \$/tonne	110.2-121.3*	0%	24 Oct 17
Aluminium			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	85.0-95.0*	0%	27 Oct 17
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	89.00*	0%	27 Oct 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	80.00-100.00*	0%	24 Oct 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	93.00*	0%	24 Oct 17
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	5.0-15.0*	0%	24 Oct 17
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	90.0-100.0*	0%	24 Oct 17
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	95.00*	0%	24 Oct 17
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	95.0-100.0*	0%	24 Oct 17
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	98.00*	0%	24 Oct 17
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,970*	0%	25 Oct 17
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	94.0-95.0*	-20.25%	▼ 05 Oct 17
Aluminium extrusion billet premium 6063 cif Japan, yearly, \$/tonne	140.0-170.0*	0%	13 Jan 17
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	155.0-163.0*	2.58%	▲ 27 Oct 17
Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne	350.0-360.0*	0%	20 Oct 17
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.093-0.097*	1.07%	▲ 24 Oct 17
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	230.0-250.0*	6.67%	▲ 24 Oct 17

† week-on-week change

continued >>

	Price	Change	Assessed
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	155.0–165.0*	0%	24 Oct 17
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	290.0–300.0*	3.51% ▲	20 Oct 17
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0–20.0*	0%	24 Oct 17
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0–20.0*	0%	24 Oct 17
USA lead premium 99.97%, delivered domestic, \$/lb	0.09–0.11*	0%	24 Oct 17
USA lead premium 99.97%, delivered domestic, cents/lb	9.00–11.00*	0%	24 Oct 17
USA lead premium 99.99%, delivered domestic, cents/lb	11.00–12.50*	0%	24 Oct 17
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	330.0–350.0*	6.25% ▲	24 Oct 17
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	340.00*	6.25% ▲	24 Oct 17
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	300.0–330.0*	3.28% ▲	24 Oct 17
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	315.00*	3.28% ▲	24 Oct 17
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	100–180*	0%	24 Oct 17
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	15–20*	16.67% ▲	24 Oct 17
uncut cathodes premium indicator	175.0–205.0*	2.7% ▲	24 Oct 17
4x4 cathodes premium indicator	290.0–340.0*	3.28% ▲	24 Oct 17
briquettes premium indicator	240.0–270.0*	8.51% ▲	24 Oct 17
US: melting premium indicator, \$/lb	0.220–0.270*	0%	24 Oct 17
Tin			
MB European free market			
Spot premium 99.9%, \$/tonne	330–375*	0%	24 Oct 17
Spot premium 99.85%, \$/tonne	300–325*	0%	24 Oct 17
United States New York spot, cents/lb	934–935	0%	26 Oct 17
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	80.0–90.0*	0%	24 Oct 17
MB EU: Special high grade, fca Rotterdam, \$/tonne	130.0–140.0*	–3.57% ▼	24 Oct 17
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	85.0–95.0*	0%	24 Oct 17
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	85.0–95.0*	0%	24 Oct 17
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	90.00*	0%	24 Oct 17
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	170.0–180.0*	0%	24 Oct 17
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	172.00*	0%	24 Oct 17
MB US: Special high grade, \$/lb	0.083–0.093*	0%	24 Oct 17

BASE METALS			
	Price	Change*	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne	3,600.0–3,750.0*	0%	26 Oct 17
Alumina Index fob Australia	479.40*	–0.35% ▼	26 Oct 17
Alumina Index fob Brazil	6.06*		26 Oct 17
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	485.46*		26 Oct 17
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	1.33% ▲	26 Oct 17
fob Trombetas, Brazil \$/tonne per dmtu	38*	1.35% ▲	26 Oct 17
Copper & Brass			
Producer premium			
Aurubis European Grade A cathode ex-works \$/tonne	86.0	0%	20 Oct 17
Codelco: Contract 2016 Grade A cathode (average)	88.0	7.32% ▲	27 Oct 17
Germany: (VDM) Electro, €/tonne wirebar (DEL):	5,990.7–6,017.4	–0.28% ▼	25 Oct 17
cathodes:	5,930.0–6,020.0	–0.17% ▼	25 Oct 17
South Africa: Palabora copper rod 7.90mm, Rand/tonne	98,823.090	1.09% ▲	02 Oct 17
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.95–8.95*	2.29% ▲	13 Oct 17
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	89.50–89.50*	2.29% ▲	13 Oct 17
Shanghai bonded copper stocks, tonnes	480,000–490,000*	–3% ▼	23 Oct 17
Nickel			
Nickel pig iron high grade NPI content 10–15% contract price delivered duty paid China RMB per nickel unit price	980.00–990.00*	8.24% ▲	24 Oct 17
Nickel pig iron high grade NPI content 10–15% spot price China RMB per nickel unit price	980.00–990.00*	4.23% ▲	24 Oct 17
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	39–40*	2.6% ▲	24 Oct 17
Nickel ore 1.8% basis cif China, 15–20% Fe, water content: 30–35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne	57–59*	4.5% ▲	24 Oct 17
Lead			
Germany: (VDM) virgin soft, €/tonne	2,270.00–2,310.00–0.65%	▼	25 Oct 17
European automotive battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Soft lead (average)	155.04*	–0.21% ▼	28 Sep 17
Ca/Ca grid grid lead (average)	439.80*	–1.37% ▼	28 Sep 17
Connector lead (average)	578.90*	–2.12% ▼	28 Sep 17
<i>For an explanation of these premiums, see http://www.eurobat.org/statistics</i>			
Zinc			
Germany: (VDM) virgin, €/tonne	2,860.00–2,860.000%		25 Oct 17
UK: Special high grade, delivered monthly average price £/tonne	2,501*	–2.76% ▼	02 Oct 17

* week-on-week change

continued >>

PRECIOUS METALS			
	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	925–1,025*	0%	27 Oct 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	970	0%	27 Oct 17
Englehard base price: \$/troy oz	990	0%	27 Oct 17
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	963–977*	0.83% ▲	27 Oct 17
Englehard base price: \$/troy oz	977	0.41% ▲	27 Oct 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	969	–0.21% ▼	27 Oct 17
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	913–927*	–0.22% ▼	27 Oct 17
Englehard base price: \$/troy oz	920	–0.65% ▼	27 Oct 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	921	–0.11% ▼	27 Oct 17
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,450–1,625*	0.82% ▲	27 Oct 17
Englehard base price: \$/troy oz	1,625	4.84% ▲	27 Oct 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	1,590	2.58% ▲	27 Oct 17
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	90–115*	20.59% ▲	27 Oct 17
Englehard base price: \$/troy oz	90	5.88% ▲	27 Oct 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	90	5.88% ▲	27 Oct 17

MINOR METALS			
	Price	Change [†]	Assessed
Antimony			
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam	7,900–8,200*	–0.92% ▼	27 Oct 17
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	7,700–8,100*	–0.94% ▼	27 Oct 17
MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne	50,000–51,500*	–1.93% ▼	25 Oct 17
Arsenic			
MB free market \$/lb	0.90–1.25*	0%	27 Oct 17
Bismuth			
MB free market \$/lb	5.10–5.30*	0%	27 Oct 17
MB China domestic, min 99.99%, RMB/tonne	71,250–74,000*	2.29% ▲	27 Oct 17
Cadmium			
MB free market min 99.95% cents/lb	100.00–106.00*	0%	27 Oct 17
MB free market min 99.99% cents/lb	105.00–113.00*	0%	27 Oct 17
Chromium			
MB free market alumino-thermic min 99% \$/tonne	7,700–8,000*	0%	27 Oct 17
Cobalt			
MB free market high-grade \$/lb	29.85–30.90*	0%	27 Oct 17
MB free market low-grade \$/lb	29.45–30.35*	0%	27 Oct 17
MB high-grade, weighted average of all confirmed international trades, \$/lb	30.00*	–0.99% ▼	27 Oct 17
MB low-grade, weighted average of all confirmed international trades, \$/lb	29.76*	1.22% ▲	27 Oct 17
MB China domestic, min 99.8% RMB/tonne	445,000–460,000*0.78%	▲	27 Oct 17
Cobalt tetroxide min 72.6% Co delivered China RMB/tonne	365,000–370,000*0.68%	▲	27 Oct 17

	Price	Change	Assessed
Gallium			
MB free market \$/kg	145–170*	0%	27 Oct 17
MB China domestic, min 99.99%, RMB/kg	890–930*	–1.09% ▼	25 Oct 17
Germanium			
Germanium dioxide MB free market \$/kg	720–800*	0%	27 Oct 17
Germanium metal \$/kg Rotterdam	1,100–1,250*	0%	27 Oct 17
Germanium metal MB China domestic, min 99.999%, RMB/kg	7,600–8,000*	0%	25 Oct 17
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	900–1,000*	0%	27 Oct 17
Indium			
MB free market \$/kg	220–245*	2.2% ▲	27 Oct 17
MB China domestic, min 99.99% RMB/kg	1,450–1,600*	9.71% ▲	25 Oct 17
Indium Corp ingots min 99.97% \$/kg fob	440.00	–40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,170–2,280*	0%	27 Oct 17
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,150–2,220*	–1.58% ▼	27 Oct 17
MB Chinese free market min 99% Mg, ex-works RMB/tonne	13,800–14,000*	–0.54% ▼	27 Oct 17
Manganese flake			
MB free market \$/tonne	1,800–1,900*	–2.63% ▼	27 Oct 17
Mercury			
MB free market \$ per flask	1,350–1,450*	0%	27 Oct 17
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	635–735*	0%	27 Oct 17
APR catalytic grade \$/kg Re	1,450–1,600*	0%	27 Oct 17
Selenium			
MB free market \$/lb	16.50–18.65*	0%	27 Oct 17
MB China domestic, min 99.9%, RMB/kg	270–300*	0%	27 Oct 17
Selenium dioxide, MB China domestic, min 98%, RMB/kg	170–180*	0%	27 Oct 17
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,215–2,325*	0%	27 Oct 17
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	2,150–2,200*	0%	27 Oct 17
US free market cents/lb	126–129*	2.82% ▲	10 Oct 17
Export from mainland China min 98.5%, \$/tonne fob	1,850–1,910*	0%	27 Oct 17
Tellurium			
MB free market \$/kg	32.00–50.00*	0%	27 Oct 17
MB China domestic, min 99.99%, RMB/kg	405–420*	0%	27 Oct 17
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	5.30–5.95*	0.45% ▲	25 Oct 17
Titanium ores \$/tonne			
Rutile conc min 95% TiO ₂ bagged, fob/Aus	770–850	0%	19 Oct 17
Rutile bulk conc min 95% TiO ₂ fob/Aus	710–770	0%	19 Oct 17
Ilmenite bulk conc min 54% TiO ₂ fob/Aus	160–185	0%	19 Oct 17

† week-on-week change

continued >>

NOBLE ALLOYS & ORES				
	Price	Change [†]	Assessed	
Molybdenum molybdic oxide				
Europe drummed molybdic oxide \$/lb Mo	8.25–8.40*	–2.63%	▼	27 Oct 17
US canned molybdic oxide \$/lb Mo	8.40–8.50*	–1.46%	▼	26 Oct 17
Ferro-molybdenum				
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	20.50–20.70*	–2.02%	▼	27 Oct 17
US free market 65–70% Mo \$/lb in-warehouse Pittsburgh	9.30–9.60*	–1.56%	▼	26 Oct 17
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,350–1,370*	–1.09%	▼	25 Oct 17
Tungsten				
European free market APT \$/mtu	275–285*	–0.88%	▼	27 Oct 17
Export from mainland China APT Chinese No1 grade, min 88.5% W03, \$/mtu fob	278–285*	–0.35%	▼	25 Oct 17
MB Chinese free market concentrate 65% W03 in-warehouse China RMB/tonne	103,000–104,000*	0%		25 Oct 17
Ferro-tungsten				
Basis 75% W min \$/kg W in-warehouse Rotterdam duty unpaid	35.50–36.60*	–0.69%	▼	27 Oct 17
China export min 75% \$/kg W, fob China	36.20–36.50*	–1.22%	▼	25 Oct 17
Vanadium				
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	33.50–34.75*	–0.73%	▼	27 Oct 17
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	16.50–17.00*	–2.9%	▼	26 Oct 17
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V205	6.30–7.00*	–1.48%	▼	27 Oct 17
Zircon				
Foundry grade bulk \$/tonne fob Australia	950–1,000	0%		19 Oct 17
Premium bulk \$/tonne fob Australia	1,000–1,050	0%		19 Oct 17
BULK ALLOYS				
	Price	Change [†]	Assessed	
Ferro-chrome \$/lb Cr				
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	0.99*	–1%	▼	27 Oct 17
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.29*	–0.77%	▼	27 Oct 17
Spot 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	7,700–7,900*	–2.5%	▼	27 Oct 17
Contract 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	7,700–7,900*	–6.02%	▼	27 Oct 17
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.39*	26.36%	▲	01 Oct 17
6–8% C basis 60% Cr max 1.5% Si	1.25–1.35*	0%		27 Oct 17
0.10% C average 60–70% Cr	2.20–2.32*	1.57%	▲	20 Oct 17
European low carbon in-warehouse 0.06% C max – 65% Cr	2.30–2.40*	0%		20 Oct 17
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.35–1.40*	0%		20 Oct 17
Japan import 8–9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome	0.98–1.02*	–2.44%	▼	26 Oct 17
South Korea import 8–9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome	0.99–1.03*	–1.46%	▼	26 Oct 17
US free market low carbon duty paid fob Pittsburgh				
US free market in-warehouse Pittsburgh 6–8% C basis 60–65% Cr max 2% Si	1.420–1.480*	0%		26 Oct 17
0.05% C – 65% min Cr	2.20–2.22*	0%		26 Oct 17
0.10% C – 62% min Cr	2.05–2.15*	1.2%	▲	26 Oct 17
0.15% C – 60% min Cr	1.99–2.04*	0%		26 Oct 17

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	180*	-19.28%	▼ 27 Oct 17
Turkish lumpy 40-42% cfr main Chinese ports	335-345*	0%	27 Oct 17
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,090-1,180*	-1.3%	▼ 27 Oct 17
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,525-1,575*	0.32%	▲ 26 Oct 17
US free market medium carbon duty paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.08-1.10*	0%	26 Oct 17
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China RMB/tonne	6,300-6,500*	-5.88%	▼ 27 Oct 17
Manganese ore			
44% Mn, cif Tianjin \$/dmtu of metal contained	6.48*	0.15%	▲ 27 Oct 17
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	4.94*	-1.79%	▼ 27 Oct 17
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2.30-2.40*	9.3%	▲ 18 Oct 17
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	120-200*	3.23%	▲ 25 Sep 17
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,300-1,400*	0%	27 Oct 17
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	0.95-0.98*	-0.52%	▼ 26 Oct 17
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,330-1,350*	2.29%	▲ 27 Oct 17
MB Chinese free market min 75% Si, in-warehouse China, RMB/tonne	6,500-6,800*	2.31%	▲ 27 Oct 17
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	990-1,050*	-2.86%	▼ 27 Oct 17
US free market \$/lb in-warehouse Pittsburgh	0.61-0.63*	0%	26 Oct 17
MB Chinese free market min 65% Mn max 17% Si in-warehouse China RMB/tonne	6,600-7,000*	-2.86%	▼ 27 Oct 17

† week-on-week change

CARBON STEEL – EUROPE				
	Price	Change [†]	Assessed	
Northern Europe imports				
<i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>				
Rebar	500–525*	3.02%	▲	25 Oct 17
Wire rod (mesh quality)	520–525*	0%		25 Oct 17
Plate (8–40mm)	520–540*	–0.93%	▼	25 Oct 17
Hot rolled coil	520–535*	2.43%	▲	25 Oct 17
Cold rolled coil	580–590*	1.74%	▲	25 Oct 17
Hot-dip galvanized coil	660–685*	–1.82%	▼	25 Oct 17
Southern Europe imports				
<i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>				
Rebar	480–490*	0%		25 Oct 17
Wire rod (mesh quality)	480–490*	–2.51%	▼	25 Oct 17
Plate (8–40mm)	520–530*	–0.94%	▼	25 Oct 17
Hot rolled coil	510–530*	1.46%	▲	25 Oct 17
Cold rolled coil	570–595*	0.43%	▲	25 Oct 17
Hot-dip galvanized coil	660–680*	0%		25 Oct 17
Southern Europe exports				
<i>Metal Bulletin's appraisal of Southern Europe mills' prices for export outside Southern Europe of commercial-quality carbon steel, € per tonne fob main Southern European port</i>				
Rebar	485–500*	–0.51%	▼	25 Oct 17
Wire rod (mesh quality)	500–505*	–0.5%	▼	25 Oct 17
Northern Europe domestic				
<i>Metal Bulletin's appraisal of prices within the EU (excluding the UK) for commercial-quality carbon steel of EU origin, € per tonne delivered basis point</i>				
Rebar	545–580*	–0.44%	▼	25 Oct 17
Wire rod (mesh quality)	530–550*	0%		25 Oct 17
Sections (medium)	650–680*	0.76%	▲	25 Oct 17
Beams	585–620*	–1.23%	▼	25 Oct 17
Southern Europe domestic				
<i>Metal Bulletin's appraisal of prices within the EU (excluding the UK) for commercial-quality carbon steel of EU origin, € per tonne delivered basis point</i>				
Rebar	510–525*	0%		25 Oct 17
Wire rod (mesh quality)	520–535*	0.48%	▲	25 Oct 17
Sections (medium)	620–660*	0%		25 Oct 17
Beams	590–610*	–1.23%	▼	25 Oct 17
Central Europe domestic € per tonne ex-works				
Hot rolled coil	520–525*	–0.48%	▼	25 Oct 17
Poland domestic zloty per tonne ex-works				
Rebar	2,320–2,360*	1.3%	▲	27 Oct 17
Northern Europe € per tonne ex-works				
Plate (8–40mm)	560–580*	1.79%	▲	25 Oct 17
Hot rolled coil	530–540*	0%		25 Oct 17
Cold rolled coil	600–630*	0.82%	▲	25 Oct 17
Hot-dip galvanized coil	660–680*	–1.11%	▼	25 Oct 17
Southern Europe € per tonne ex-works				
Plate (8–40mm)	535–550*	1.4%	▲	25 Oct 17
Hot rolled coil	510–520*	0%		25 Oct 17
Cold rolled coil	575–600*	–0.42%	▼	25 Oct 17
Hot-dip galvanized coil	600–630*	–1.6%	▼	25 Oct 17

CARBON STEEL – NORTH AFRICA			
	Price	Change [†]	Assessed
Algeria imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, EU origin, commercial-quality carbon steel, € per tonne cfr main port</i>			
Rebar	515–520*	0%	25 Oct 17

CARBON STEEL – CIS				
	Price	Change [†]	Assessed	
CIS exports (Black Sea)				
<i>Metal Bulletin's appraisal of CIS mills' prices for export outside the CIS of commercial-quality carbon steel, \$ per tonne fob stowed main Black Sea port</i>				
Billet index	491*	0.2%	▲	23 Oct 17
Slab	485–490*	0%		23 Oct 17
Rebar	500–515*	–3.33%	▼	23 Oct 17
Wire rod (mesh)	530–540*	–0.47%	▼	23 Oct 17
Heavy plate (10–50mm)	565–605*	0%		23 Oct 17
Hot rolled coil	540–565*	–0.9%	▼	23 Oct 17
Cold rolled coil	600–610*	–0.41%	▼	23 Oct 17
CIS domestic				
<i>Metal Bulletin's appraisal of prices within Russia for commercial–quality carbon steel of CIS origin, rubles per tonne, carriage paid to (cpt) inc VAT</i>				
Rebar	32,500–35,500*	–4.9%	▼	23 Oct 17
Hot rolled sheet	41,500–43,000*	–1.17%	▼	23 Oct 17
Cold rolled sheet	46,400–46,500*	0%		23 Oct 17
Plate	40,000–42,200*	11.01%	▲	23 Oct 17

CARBON STEEL – MIDDLE EAST				
	Price	Change [†]	Assessed	
Turkish exports				
Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port				
Billet	510-515*	0%		26 Oct 17
Rebar	520-530*	0%		26 Oct 17
Wire rod (mesh quality)	540-550*	0%		26 Oct 17
Merchant bars	560-570*	0%		26 Oct 17
Structural pipe	630-650*	-11.11%	▼	11 Oct 17
Hot rolled coil	550-570*	0%		27 Oct 17
Turkish domestic				
Metal Bulletin's appraisal of prices within Turkey for commercial-quality carbon steel of Turkish origin, \$ per tonne ex-works				
Billet	495-510*	0%		26 Oct 17
Rebar	520-530*	0%		26 Oct 17
Wire rod (mesh quality)	540-560*	0%		26 Oct 17
Hot rolled coil	580-590*	0.43%	▲	27 Oct 17
Cold rolled coil	670-680*	3.45%	▲	27 Oct 17
Hot dip galvanized	715-770*	0%		27 Oct 17
Prepainted galvanized	879-880*	0%		27 Oct 17

Turkish imports				
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>				
Billet	500–510*	0%		26 Oct 17
Hot rolled coil	550–570*	0%		27 Oct 17
Cold rolled coil	610–620*	–0.81%	▼	27 Oct 17
UAE imports				
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>				
Billet	495–500*	0%		24 Oct 17
Rebar	525–530*	0%		24 Oct 17
Hot rolled coil	570–590*	–2.52%	▼	24 Oct 17
Cold rolled coil	630–650*	–2.29%	▼	24 Oct 17
Hot dip galvanized coil	720–740*	–2.01%	▼	24 Oct 17

Saudi Arabia imports				
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>				
Rebar	525–530*	0%		24 Oct 17
Hot rolled coil	605–610*	0%		24 Oct 17

† week-on-week change

	Price	Change	Assessed
UAE domestic			
<i>Metal Bulletin's appraisal of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i>			
Rebar	2,091–2,097*	0%	24 Oct 17
Iran imports			
<i>Metal Bulletin's appraisal of prices quoted by overseas suppliers for commercial-quality carbon steel to Iranian buyers, \$ per tonne cfr Iranian northern ports</i>			
Cold rolled coil	580–615*	–0.42%	▼ 25 Oct 17
Hot rolled coil	570–575*	0.44%	▲ 25 Oct 17
Hot dip galvanized coil	660–695*	0.67%	▲ 25 Oct 17
Egyptian domestic			
<i>Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, £ per tonne ex-works</i>			
Rebar	11,950–11,970*	0%	26 Oct 17
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	485–500*	–2.96%	▼ 26 Oct 17

CARBON STEEL – LATIN AMERICA

	Price	Change†	Assessed
Latin American exports			
<i>Metal Bulletin's appraisal of Latin American mills' prices for export outside Latin America of commercial-quality carbon steel, \$ per tonne fob stowed main Latin American port</i>			
Billet	480–490*	–3.96%	▼ 27 Oct 17
Slab, Brazil	470–485*	0%	27 Oct 17
Rebar	560–565*	0%	27 Oct 17
Wire rod mesh quality	560–565*	0%	27 Oct 17
Heavy plate over 10mm	545–560*	0%	27 Oct 17
Hot rolled coil (dry)	570–575*	0%	27 Oct 17
Cold rolled coil	620–635*	0%	27 Oct 17
Galvanized coil	800–810*	0%	27 Oct 17
South America imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i>			
Plate	585–595*	0%	27 Oct 17
Hot rolled coil	580–585*	0%	27 Oct 17
Cold rolled coil	630–635*	0%	27 Oct 17
Galvanized coil	685–690*	–0.72%	▼ 27 Oct 17
Argentina domestic \$ per tonne ex-works			
<i>Metal Bulletin's appraisal of prices within Argentina for commercial-quality carbon steel, \$ per tonne</i>			
Hot rolled coil	685–700*	0%	06 Oct 17
Cold rolled coil	825–835*	0%	06 Oct 17
Galvanized coil	1,050–1,140*	0%	06 Oct 17
Rebar	840–850*	0%	06 Oct 17
Brazil domestic			
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne ex-works</i>			
Hot rolled coil	3,540–3,670*	0%	06 Oct 17
Cold rolled coil	3,700–3,810*	0%	06 Oct 17
Hot dip galvanized coil	3,870–4,030*	0%	06 Oct 17
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	3,250–3,410*	0%	06 Oct 17

† week-on-week change

CARBON STEEL – NAFTA

	Price	Change†	Assessed
US imports			
<i>Metal Bulletin's appraisal of prices for imported, non-Nafta origin, commercial-quality carbon steel, \$ per short ton cfr port Houston</i>			
Rebar	531–535*	–1.2%	▼ 18 Oct 17
Merchant bars	600–620*	0%	29 Sep 17
Wire rod (low carbon)	562–581*	0%	25 Oct 17
Medium sections	600–635*	–5%	▼ 26 Oct 17
Medium plate	600–650*	–2.34%	▼ 18 Oct 17
Hot rolled coil (commodity)	590–625*	2.97%	▲ 18 Oct 17
Cold rolled coil	700–760*	–2.67%	▼ 18 Oct 17
Hot dipped galvanized 0.012–0.015, G30	960–1,000*	–0.51%	▼ 18 Oct 17
ERW linepipe (X42)	860–890*	1.16%	▲ 26 Sep 17
OCTG API5CT – casing J55	850–875*	–2.54%	▼ 26 Sep 17
US domestic			
<i>AMM's appraisal of prices within the USA for commercial-quality carbon steel of US or Canadian origin, \$ per short ton, delivery terms as indicated</i>			
Rebar (fob mill)	565–600*	0%	18 Oct 17
Wire rod (mesh quality fob mill)	590–590*	0%	25 Oct 17
Plate (fob mill)	635–635*	–0.78%	▼ 20 Oct 17
Hot rolled sheet index (fob mill)	594–594*	0.92%	▲ 26 Oct 17
Cold rolled sheet (fob mill)	800–800*	1.27%	▲ 26 Oct 17
Hot-dip galvanized (base) Midwest (fob mill)	790–790*	1.28%	▲ 26 Oct 17
OCTG API5CT – casing J55 (fob mill)	1,050–1,100*	0%	26 Sep 17
<i>AMM's appraisal of prices within the USA for commercial-quality carbon steel of US or Canadian origin, \$ per hundredweight, delivery terms as indicated</i>			
Merchant bar 3 x 3 1/4 angle (fob mill)	30.25–30.25*	–9.02%	▼ 29 Sep 17

CARBON STEEL – ASIA

	Price	Change†	Assessed
China exports			
<i>Metal Bulletin's appraisal of Chinese mills prices for export of commercial-quality carbon steel, \$ per tonne fob main China port</i>			
Rebar index	535–535*	1.72%	▲ 27 Oct 17
Wire rod (mesh quality)	560–570*	1.35%	▲ 24 Oct 17
Heavy plate	540–545*	0%	24 Oct 17
Hot rolled coil index	552–552*	–2.47%	▼ 27 Oct 17
Cold rolled coil	597–600*	–1.07%	▼ 24 Oct 17
Galvanized coil 1mm	650–655*	–0.38%	▼ 24 Oct 17
Eastern China domestic			
<i>Metal Bulletin's appraisal of prices in eastern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	3,830–3,900*	–0.13%	▼ 27 Oct 17
Wire rod (mesh)	4,150–4,200*	2.71%	▲ 27 Oct 17
Sections	3,950–3,990*	0.76%	▲ 27 Oct 17
Plate	4,050–4,090*	–0.37%	▼ 27 Oct 17
Hot rolled coil (min 2mm)	3,960–4,020*	–1.85%	▼ 27 Oct 17
Cold rolled coil (0.5 – 2 mm)	4,620–4,650*	–0.43%	▼ 27 Oct 17
Hot-dip galvanized coil	4,800–4,850*	–0.31%	▼ 27 Oct 17
Northern China domestic			
<i>Metal Bulletin's appraisal of prices in northern China for commercial-quality carbon steel of Chinese origin (Tangshan), yuan per tonne ex-works</i>			
Billet	3,740–3,740*	2.19%	▲ 27 Oct 17
<i>Metal Bulletin's appraisal of prices in northern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Hot rolled coil	3,970–4,010*	–1.36%	▼ 27 Oct 17
Rebar	3,730–3,780*	0.54%	▲ 27 Oct 17

	Price	Change	Assessed
Southern China domestic			
<i>Metal Bulletin's appraisal of prices in southern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	4,180–4,230*	-1.29% ▼	27 Oct 17
Wire rod (mesh)	4,180–4,220*	0.6% ▲	27 Oct 17
Sections	4,300–4,350*	0.23% ▲	27 Oct 17
Plate	4,230–4,260*	0%	27 Oct 17
Hot rolled coil (min 2mm)	4,120–4,150*	-2.59% ▼	27 Oct 17
Cold rolled coil (0.5 – 2 mm)	4,640–4,680*	-0.43% ▼	27 Oct 17
Hot-dip galvanized coil	4,820–4,880*	-0.41% ▼	27 Oct 17
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	510–520*	-1.9% ▼	23 Oct 17
Slab (Asia/East Asia)	505–520*	-2.38% ▼	23 Oct 17
Hot rolled coil (Vietnam)	570–580*	0.88% ▲	23 Oct 17
Rebar (Singapore)	525–540*	-0.47% ▼	23 Oct 17
Wire rod (low carbon)	560–575*	0%	23 Oct 17
Indian exports			
<i>Metal Bulletin's appraisal of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port</i>			
Billet	470–475*	0.53% ▲	27 Oct 17
Plate (12–40mm)	545–550*	-1.79% ▼	27 Oct 17
Hot rolled coil (commodity)	580–585*	3.1% ▲	27 Oct 17
Hot-dip galvanized coil	790–800*	-1.24% ▼	27 Oct 17
Indian imports			
<i>Metal Bulletin's appraisal of prices for imported, non-EU origin, commercial-quality carbon steel, \$ per tonne cfr main India port</i>			
Plate (20–60mm)	535–540*	-1.83% ▼	27 Oct 17
Hot rolled coil (commodity)	565–570*	0.44% ▲	27 Oct 17
Hot rolled coil (CR grade)	560–570*	0%	27 Oct 17
Cold rolled	595–600*	-2.13% ▼	27 Oct 17
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	26,100–26,400*	3.55% ▲	27 Oct 17
Heavy plate	38,000–38,500*	0%	27 Oct 17
Hot rolled coil	40,000–40,500*	-1.23% ▼	27 Oct 17
Cold rolled coil	45,000–45,500*	0%	27 Oct 17
DRI	17,000–17,200*	6.88% ▲	27 Oct 17
Hot-dip galvanized coil	50,000–50,500*	0%	27 Oct 17
Rebar	29,100–29,400*	2.81% ▲	27 Oct 17

STEELBENCHMARKER™ PRICES

	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	754	2.17% ▲	23 Oct 17
Standard plate (\$/short ton)	684	2.24% ▲	23 Oct 17
Hot rolled coil (\$/metric tonne)	661	-1.64% ▼	23 Oct 17
Hot rolled coil (\$/short ton)	600	-1.64% ▼	23 Oct 17
Cold rolled coil (\$/metric tonne)	843	-2.09% ▼	23 Oct 17
Cold rolled coil (\$/short ton)	765	-2.05% ▼	23 Oct 17
Region: Mainland China			
Rebar	507	-0.78% ▼	23 Oct 17
Standard plate	531	1.14% ▲	23 Oct 17
Hot rolled coil	533	0%	23 Oct 17
Cold rolled coil	604	1.68% ▲	23 Oct 17
Region: World export market			
Hot rolled coil (\$/metric tonne)	570	-0.7% ▼	23 Oct 17

STAINLESS STEEL			
	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,100–2,200*	-3.37% ▼	25 Oct 17
Grade 304 HR sheet	2,000–2,070*	-4.24% ▼	25 Oct 17
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	15,600–16,000*	0%	26 Oct 17
Grade 430 2mm CR coil	10,300–10,400*	0%	26 Oct 17
EU export			
€/tonne fob N. European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,247–2,356*	0.41% ▲	27 Oct 17
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N. Europe Base price	1,070–1,090*	0%	27 Oct 17
Alloy surcharge	1,177–1,266*	0.78% ▲	27 Oct 17
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,370–1,420*	0%	27 Oct 17
Alloy surcharge	1,669–1,791*	0.12% ▲	27 Oct 17
304 stainless steel bright bar, €/tonne			
Base price	1,000–1,040*	0%	27 Oct 17
Alloy surcharge	1,440–1,496*	2.44% ▲	27 Oct 17
US domestic			
<i>AMM's appraisal of prices within the USA for commercial-quality stainless steel of US or Canadian origin, \$ per hundredweight, fob</i>			
Grade 304 coiled plate	108–108*	9.09% ▲	10 Oct 17
Grade 316 coiled plate	146–146*	8.55% ▲	10 Oct 17
Grade 304 cold rolled sheet	126–126*	0%	25 Oct 17
Grade 316L cold rolled sheet	162–162*	0%	25 Oct 17
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,378.81*	2.09% ▲	23 Oct 17

CHINA IRON ORE

cfr main China port \$ per dry metric tonne

	Price	Change [†]	Assessed
Iron ore index (62% Fe)	60.08*	-3.81% ▼	27 Oct 17
Iron ore pellet index cfr Qingdao (65% Fe)	123.92*	3.34% ▲	27 Oct 17
Iron ore concentrate index cfr Qingdao (66% Fe)	75.14*	-6.98% ▼	27 Oct 17
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.17*	-2.5% ▼	02 Oct 17

IRAN IRON ORE

cfr China US \$ per tonne

	Price	Change [†]	Assessed
Iron ore fines index (60% Fe)	52.29–52.29*	1.1% ▲	25 Oct 17

COKING COAL

\$ per metric tonne

	Price	Change [†]	Assessed
Premium hard coking coal cfr China	189.46–189.46*	-0.23% ▼	27 Oct 17
Hard coking coal cfr China	162.17–162.17*	0.34% ▲	27 Oct 17
Premium hard coking coal fob Australia	179.77–179.77*	0%	27 Oct 17
Hard coking coal fob Australia	150.58–150.58*	0%	27 Oct 17
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,300–1,700*	-0.99% ▼	27 Oct 17
65% CSR coke \$/tonne fob Tianjin	330–345*	-1.46% ▼	24 Oct 17

continued >>

FERROUS SCRAP			
	Price	Change [†]	Assessed
UK ferrous scrap domestic			
<i>The following is Metal Bulletin's evaluation of UK prices for processed scrap delivered to consumers within the month listed. Prices may vary according to region and destination, and should be read in conjunction with editorial comment on the Ferrous scrap pages.</i>			
<i>£/tonne</i>			
Cut grades			
0A plate and structural	175–200*	–17.58%	▼ 11 Oct 17
1&2 old steel	155–180*	–19.28%	▼ 11 Oct 17
12A/C new production heavy and shovellable steel	180–205*	–17.2%	▼ 11 Oct 17
12D new production heavy and shovellable steel	185–210*	–16.84%	▼ 11 Oct 17
Bales and cuttings			
4A new steel bales	185–210*	–16.84%	▼ 11 Oct 17
4C new steel bales	175–200*	–17.58%	▼ 11 Oct 17
8A new loose light cuttings	170–200*	–17.78%	▼ 11 Oct 17
8B new loose light cuttings	155–185*	–19.05%	▼ 11 Oct 17
Turnings			
UK inter-merchant 7B heavy steel turnings	130–150*	–22.22%	▼ 11 Oct 17
Cast iron			
9A/10 heavy and light cast iron	155–180*	–19.28%	▼ 11 Oct 17
9B/C cylinder block scrap	175–200*	–17.58%	▼ 11 Oct 17
11A cast iron borings	100–120*	–26.67%	▼ 11 Oct 17
<i>Prices relate to new UK scrap specifications</i>			
<i>Please see MB.com for full explanation of price changes</i>			
UK intermerchant weekly price			
<i>£/tonne</i>			
5C loose old light	70–95*	0%	27 Oct 17
UK ferrous scrap export			
<i>MB assessment \$/tonne cfr main UK port</i>			
HMS 1&2 (80:20 mix)	279–287*	–1.39%	▼ 27 Oct 17
Shredded	284–292*	–1.37%	▼ 27 Oct 17
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	313.12*	–2%	▼ 27 Oct 17
HMS 1&2 (80:20 mix)	275–285*	–0.88%	▼ 27 Oct 17
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	930–970*	–1.04%	▼ 27 Oct 17
18/8 turnings	790–825*	–1.22%	▼ 27 Oct 17
12–13% Cr solids	190–230*	0%	27 Oct 17
16–17% Cr solids	220–260*	0%	27 Oct 17
Cif Europe stainless € per tonne			
18/8 solids	1,080–1,100*	–1.36%	▼ 27 Oct 17
18/8 turnings	970–990*	–1.26%	▼ 27 Oct 17
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	275.90*	–1.16%	▼ 27 Oct 17
HMS 1&2 (70:30 mix)	275–277*	0%	27 Oct 17
Shredded	279–286*	–1.22%	▼ 27 Oct 17
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	300.94*	1.06%	▲ 27 Oct 17
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	310.66*	1.38%	▲ 27 Oct 17
HMS 1&2 (75:25 mix)	296–298*	1.37%	▲ 27 Oct 17
Shredded	300–309*	0.5%	▲ 27 Oct 17

	Price	Change	Assessed
Turkish domestic			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	305.00–305.00*	1.5%	▲ 23 Oct 17
Auto bundle scrap (Turkish lira/tonne)	1,010.00–1,145.00*0%		23 Oct 17
USA export			
<i>AMM ferrous scrap export index \$/tonne East Coast job New York</i>			
HMS 1&2 (80:20)	281.00*	–0.22%	▼ 25 Oct 17
Shredded	286.00*	–0.3%	▼ 25 Oct 17
USA domestic			
<i>AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	244.98*	–11.53%	▼ 10 Oct 17
No1 busheling	333.11*	–11.15%	▼ 10 Oct 17
Shredded	267.13*	–10.01%	▼ 10 Oct 17
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	1,790–2,010*	3.26%	▲ 27 Oct 17
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	280–290*	1.79%	▲ 27 Oct 17
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	238.10	–6.77%	▼ 02 Oct 17
No E1 (old steel scrap)	217.40	–7.84%	▼ 02 Oct 17
No E3 (old thick steel scrap)	237.80	–6.3%	▼ 02 Oct 17
No E40 (shredded steel scrap)	240.70	–7.49%	▼ 02 Oct 17
No E5 (steel turnings)	194.90	–8.37%	▼ 02 Oct 17
<i>MB assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	250–265	–6.36%	▼ 13 Oct 17
No E8 (thin new production steel scrap)	255–265	–5.45%	▼ 13 Oct 17
No E3 (old thick scrap)	250–260	–3.77%	▼ 13 Oct 17
Italy domestic			
<i>MB assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	255.00	–7.14%	▼ 13 Oct 17
No E8 (thin new production steel)	270.00	–5.93%	▼ 13 Oct 17

SCRAP SUBSTITUTES

	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	345–350*	–0.71%	▼ 26 Oct 17
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	250–260*	0%	27 Oct 17
Pig iron fob Vitoria/Rio	340–345*	0%	27 Oct 17
Pig iron fob Ponta da Maderia	350–355*	0%	27 Oct 17
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	360–365*	0%	27 Oct 17
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	360–370*	0%	26 Oct 17
Pig iron Black Sea	325–335*	0%	26 Oct 17
China domestic yuan/tonne delivered warehouse			
Pig iron	2,750–2,850*	0%	27 Oct 17

† week-on-week change

continued >>

NON-FERROUS SCRAP EUROPE			
	Price	Change [†]	Assessed
Aluminium			
European free market MB assessment €/tonne			
Floated frag	1,250–1,310*	0%	27 Oct 17
Cast	1,165–1,255*	1.26% ▲	27 Oct 17
Mixed turnings 6%	1,105–1,165*	0.44% ▲	27 Oct 17
Germany per 1000kg			
Pure cuttings	1,400–1,480	0%	25 Oct 17
Commercial cast	1,260–1,380	0.76% ▲	25 Oct 17
H9 extrusions	1,770–1,850	0.28% ▲	25 Oct 17
Alloy turnings	1,010–1,130	1.9% ▲	25 Oct 17
Source: VDM			
France per 1000kg			
Pure cuttings	1,630–1,640	–0.15% ▼	24 Oct 17
Old rolled	750–780	–1.29% ▼	24 Oct 17
Commercial cast	850–880	0%	24 Oct 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Pure cuttings	1,150–1,250	0.42% ▲	20 Oct 17
Old mixed scrap	1,140–1,190	0.43% ▲	20 Oct 17
Commercial cast	1,045–1,095	0.47% ▲	20 Oct 17
Source: Assomet			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,520–5,700	0%	25 Oct 17
Heavy copper	4,950–5,140	0%	25 Oct 17
Heavy brass	3,530–3,680	0%	25 Oct 17
Brass turnings (MS 58)	4,010–4,130	0.37% ▲	25 Oct 17
Brass sheet (MS 63)	4,190–4,390	0.35% ▲	25 Oct 17
Source: Verein Deutscher Metallhandler			
France per 1000kg			
Electro cuttings	5,350–5,400	0%	24 Oct 17
No 1 bright wire	4,750–4,800	0%	24 Oct 17
Mixed (96%)	4,700–4,750	0%	24 Oct 17
Brass plate cuttings 70/30	3,950–4,000	0%	24 Oct 17
Brass turnings	3,200–3,300	0%	24 Oct 17
Mixed brass	3,200–3,300	0.78% ▲	24 Oct 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Electrolytic dd EN 12861–S–Cu–2	5,705–5,785	0.61% ▲	20 Oct 17
Enamelled wire EN 12861–S–Cu–3	5,541–5,623	0.63% ▲	20 Oct 17
New from tubes, strips etc EN 12861–S–Cu–4	5,596–5,744	0.62% ▲	20 Oct 17
Old from tubes, strips etc 12861–S–Cu–7	5,380–5,470	0.65% ▲	20 Oct 17
EN12861–S–Cu–Zn–1–A–Cu 63.5%	4,500–4,585	0.22% ▲	20 Oct 17
Mixed from valves/taps EN 12861–S–Cu–Zn–6	3,697–4,027	2.93% ▲	20 Oct 17
Several 95% m/m 12861–S–Cu–Zn–7	3,757–3,835	0.26% ▲	20 Oct 17
Source: Assomet			

STEELBENCHMARKER™ SCRAP PRICES			
	Price	Change [†]	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	271	1.88% ▲	23 Oct 17
Shredded scrap (\$/gross ton)**	275	1.48% ▲	23 Oct 17
No 1 heavy melting scrap (\$/metric tonne)	251	2.03% ▲	23 Oct 17
No 1 heavy melting scrap (\$/gross ton)	255	2% ▲	23 Oct 17
No 1 busheling scrap (\$/metric tonne)	339	–1.17% ▼	23 Oct 17
No 1 busheling scrap (\$/gross ton)	345	–0.86% ▼	23 Oct 17
**For shredded scrap the region is for all but the West Coast			
UK NON-FERROUS SCRAP			
	Price	Change [†]	Assessed
Aluminium – actual price			
£ per tonne			
Group 1 pure 99% & Litho	1,420–1,470*	0.7% ▲	25 Oct 17
Commercial pure cuttings	1,200–1,250*	2.51% ▲	25 Oct 17
Clean HE9 extrusions	1,420–1,470*	0.7% ▲	25 Oct 17
Loose old rolled cuttings	890–930*	2.25% ▲	25 Oct 17
Baled old rolled	960–990*	1.04% ▲	25 Oct 17
Commercial cast	1,050–1,100*	0%	25 Oct 17
Cast wheels	1,300–1,340*	1.54% ▲	25 Oct 17
Commercial turnings	710–750*	0%	25 Oct 17
Group 7 turnings	610–660*	0%	25 Oct 17
MB and LME aluminium scrap discounts			
£ per tonne			
Group 1 pure 99% & Litho	155–205*	4.65% ▲	25 Oct 17
Commercial pure cuttings	375–425*	–2.91% ▼	25 Oct 17
Clean HE9 extrusions	155–205*	4.65% ▲	25 Oct 17
Loose old rolled cuttings	454–494*	–4.24% ▼	25 Oct 17
Baled old rolled	394–424*	–2.62% ▼	25 Oct 17
Commercial cast	284–334*	–0.32% ▼	25 Oct 17
Cast wheels	44–84*	–24.71% ▼	25 Oct 17
Commercial turnings	634–674*	–0.15% ▼	25 Oct 17
Group 7 turnings	724–774*	–0.13% ▼	25 Oct 17
Titanium			
\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1.10–1.19*	4.09% ▲	25 Oct 17
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.96–1.09*	0%	25 Oct 17
Copper scrap discount			
cents/lb			
No 2 copper (birch/cliff) imported into China 94–96% cif China	29–32*	–7.58% ▼	25 Sep 17

[†] week-on-week change

continued >>

NON-FERROUS FOUNDRY INGOTS

	Price	Change [†]	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,595–1,645*	0.31% ▲	25 Oct 17
LM6/LM25 gravity diecasting ingot	1,800–1,850*	0%	25 Oct 17
NB: prices expressed delivered consumer works, LM series as specified in BS1490			
Aluminium Europe			
MB free market			
Duty paid delivered works pressure diecasting ingot price (DIN226/A380) – €/tonne	1,715–1,770*	0%	27 Oct 17
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.96–0.97*	0.52% ▲	26 Oct 17
AFFIMET €/tonne			
AS12	3,748	1.02% ▲	01 Oct 17
AS12 UN	2,880	-1.37% ▼	01 Oct 17
AS9 U3	2,255	-1.74% ▼	01 Oct 17
AS5 U3	2,605	-1.51% ▼	01 Oct 17
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,390–2,490	0%	25 Oct 17
DIN 231	2,470–2,570	0%	25 Oct 17
DIN 311	2,450–2,550	0%	25 Oct 17
Aluminium bronze £/tonne UK			
AB1 ex-works	5,070	0.2% ▲	24 Oct 17
AB2 ex-works	5,120	0.2% ▲	24 Oct 17
Source: C. F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,110	0.24% ▲	24 Oct 17
High tensile HTB1 ex-works	4,410	0.23% ▲	24 Oct 17
Source: C. F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,450	-8.06% ▼	24 Oct 17
LG4 87/7/3/3 ex-works	5,450	0.18% ▲	24 Oct 17
G11.15 PB ex-works	6,360	0.32% ▲	24 Oct 17
Source: C. F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,830	0.29% ▲	24 Oct 17
Source: C. F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,420	0.31% ▲	24 Oct 17
15% P ex-works	6,470	0.31% ▲	24 Oct 17
Source: C. F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	3,081	3.15% ▲	01 Oct 17
Brock Metal ZL5	3,107	2.98% ▲	01 Oct 17

Metal Bulletin

Metal Bulletin Price Book



Cutting-edge graphing technology enables you to:

- Track over 950 metals prices with ease
- Quickly analyse and compare prices
- Create sophisticated charts for presentations and reports

Start using your **Price Book** today
www.metalbulletin.com

Monthly averages: September

BASE METALS

	Low	High	
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne	82.48	90.95	
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne	142.56	151.56	
Alumina			
Index fob Australia	389.22		
Copper			
US High-grade cathode premium indicator, \$/tonne	110.23	121.25	
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	157.50	187.50
	4x4 cathodes	272.50	322.50
	Briquettes	238.75	261.25
US	Melting \$/lb	0.22	0.27
Tin			
European free market			
Spot Premium 99.9%, \$/tonne	342.50	375	
Spot premium 99.85%, \$/tonne	300	325	
Kuala Lumpur (ex-smelter), \$/tonne	20,739.17		

MINOR METALS

Antimony		
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne	8,327.78	8,600
MMTA Standard grade II, \$/tonne	8,277.78	8,488.89
Bismuth		
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb	5.08	5.27
Cadmium		
MB free market min 99.95%, in warehouse, cents/lb	67.33	76.33
min 99.99%, in warehouse cents/lb	70.44	81.44
Cobalt		
MB free market High Grade, in warehouse, \$/lb	29.26	30.36
Low Grade, in warehouse, \$/lb	28.60	29.77
Germanium Dioxide		
MB free market min 99.99%, \$/kg	720	800
Rotterdam, \$/kg	1,093.33	1,250
Indium		
MB free market ingots, min 99.97%, in warehouse, \$/kg	185.56	202.78
Magnesium		
MB free market min 99.8%, \$/tonne	2,392	2,520
China free market min 99.8%, \$/tonne	2,344	2,463
Mercury		
MB free market min 99.99%, in warehouse, \$/flask	1,350	1,450

	<i>Low</i>	<i>High</i>
Selenium		
MB free market min 99.5% in warehouse, \$/lb	14.34	16.28
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,076	2,246
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.95	5.55

ORES & ALLOYS

	<i>Low</i>	<i>High</i>
Molybdenum		
Free market in warehouse Europe drummed molybdic oxide \$/lb Mo	8.63	8.73
US canned molybdic oxide \$/lb Mo	8.66	8.86
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	21.09	21.50
Tungsten		
European free market APT, \$/mtu	299	318
Ferro-tungsten		
basis 75% W min, \$/kg	40.94	42.44
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	10.28	10.52
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	43.93	46.58
US Free market 70-80%, \$/lb	20.75	21.75

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,317.05
	Afternoon	1,314.98
London £/troy oz	Morning	990.66
	Afternoon	987.83
\$/troy oz	Handy/Harman	1,314.07
Palladium		
Morning \$/troy oz	937.10	
Afternoon \$/troy oz	934.90	
Platinum: per troy oz		
Morning \$/troy oz	969.19	
Afternoon \$/troy oz	966.14	
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	1,110.25	1,210.25
Silver		
London		
spot pence/troy oz	1,311.59	
spot cents/troy oz	1,744.86	
Handy/Harman cents/troy oz	1,743.15	

FOUNDRY INGOTS

	<i>Low</i>	<i>High</i>
Aluminium		
LM24, £/tonne	1,615	1,650
LM6/LM25, £/tonne	1,800	1,850
Aluminium Europe €/tonne	1,734	1,792
Phosphor Bronze		
PB1 ex-works, £/tonne	6,825	
Zinc Alloy		
ZL3, £/tonne	2,987	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.33
\$/yen	110.74
\$/€	1.19

Copyright © 2002–2017 Metal Bulletin
 Metal Bulletin monthly average prices are calculated on those price quotations formulated during the month.

LONDON METAL EXCHANGE

High, low and average September (21 days)
 LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	<i>Jan-Sept 2017</i>		<i>September</i>
	<i>Low</i>	<i>High</i>	<i>average</i>
	\$	\$	\$
Aluminium (\$)			
Cash	1,700.5	2,163.75	2,100.14
3 months	1,688.25	2,190.5	2,125.26
Settlement	1,701	2,164	2,100.48
3 months seller	1,688.5	2,191	2,125.69
Copper Grade A (\$)			
Cash	5,465.75	6,903.5	6,582.68
3 months	5,490.5	6,936.75	6,622.51
Settlement	5,466	6,904	6,583.19
3 months seller	5,491	6,937	6,623.55
Copper Grade A (£)			
Settlement	4,215.29	5,327.98	4,946.99
3 months seller	4,217.78	5,337.80	4,963.34
Lead (\$)			
Cash	2,006.75	2,518.5	2,376.81
3 months	2,021	2,508	2,393.51
Settlement	2,007	2,519	2,377.29
3 months seller	2,022	2,509	2,394.19
Lead (£)			
Settlement	1,575.55	1,950.95	1,785.25
3 months seller	1,575.54	1,949.45	1,793
Nickel (\$)			
Cash	8,712.5	12,145	11,230.36
3 months	8,775	12,210	11,306.55
Settlement	8,715	12,150	11,233.57
3 months seller	8,780	12,220	11,313.33
Tin (\$)			
Cash	18,757.5	21,295	20,843.45
3 months	18,755	21,212.5	20,669.05
Settlement	18,760	21,300	20,855.48
3 months seller	18,760	21,225	20,680.71

	<i>Jan-Sept 2017</i>		<i>September</i>
	<i>Low</i>	<i>High</i>	<i>average</i>
	\$	\$	\$
Zinc (\$)			
Cash	2,434.25	3,216	3,119.18
3 months	2,450.25	3,194	3,103.25
Settlement	2,434.5	3,217	3,119.79
3 months seller	2,450.5	3,195	3,103.98
Cobalt (\$)			
Cash	32,750	62,250	60,050
3 months	32,750	61,750	60,030.95
Settlement	33,000	62,500	60,295.24
3 months seller	33,000	62,000	60,280.95
Molybdenum (\$)			
Cash	15,000	17,250	15,750
3 months	15,000	17,250	15,750
Settlement	15,250	17,500	16,000
3 months seller	15,250	17,500	16,000
Aluminium Alloy (\$)			
Cash	1,540	1,805	1,758.5
3 months	1,560	1,815	1,772.02
Settlement	1,545	1,810	1,762.48
3 months seller	1,565	1,820	1,776.67
Nasaa (\$)			
Cash	1,695	1,990.25	1,941.02
3 months	1,725	2,007.5	1,962.62
Settlement	1,700	1,990.5	1,942.19
3 months seller	1,730	2,010	1,966.43

LME SETTLEMENT CONVERSION RATES

\$/£	1.33
\$/yen	110.75
\$/€	1.19