

Prices

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NEW YORK FUTURES

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	254.10	-1.11% ▼	20 Apr 17
Open interest	272,044	-5.68% ▼	19 Apr 17
Stocks (short ton)	153,963	3.63% ▲	19 Apr 17
Comex: Gold \$/troy oz			
Settlement	1,281.90	-0.31% ▼	20 Apr 17
Open interest	468,050	0.79% ▲	19 Apr 17
Stocks (troy oz)	8,952,619	-0.19% ▼	19 Apr 17
Nymex: Palladium \$/troy oz			
Settlement	802.75	0.88% ▲	20 Apr 17
Stocks (troy oz)	52,554	21.74% ▲	19 Apr 17
Nymex: Platinum \$/troy oz			
Settlement	978.00	0.44% ▲	20 Apr 17
Stocks (troy oz)	225,727	1.24% ▲	19 Apr 17
Comex: Silver cents/troy oz			
Settlement	1,801.80	-2.66% ▼	20 Apr 17
Open interest	229,227	2.44% ▲	19 Apr 17

SHANGHAI FUTURES

	Price	Change [†]	Assessed
Aluminium yuan/tonne	14,275	1.82% ▲	21 Apr 17
Copper yuan/tonne	45,980	0.17% ▲	21 Apr 17
Nickel cathode yuan/tonne	77,750	-5.04% ▼	21 Apr 17
Tin ingot yuan/tonne	139,720	-1.07% ▼	21 Apr 17
Zinc yuan/tonne	21,975	1.88% ▲	21 Apr 17
Steel rebar month 1 yuan/tonne	3,134	-9.94% ▼	21 Apr 17
Steel rebar month 2 yuan/tonne	3,047	-5.55% ▼	21 Apr 17
Steel rebar month 3 yuan/tonne	2,998	-3.79% ▼	21 Apr 17
Weekly stocks deliverable			
Aluminium (tonnes)	379,034	9.57% ▲	21 Apr 17
Copper (tonnes)	240,191	-11.46% ▼	21 Apr 17
Nickel cathode (tonnes)	83,895	-0.18% ▼	21 Apr 17
Tin ingot (tonnes)	2,225	5% ▲	21 Apr 17
Zinc (tonnes)	155,352	-6.07% ▼	21 Apr 17
Steel rebar (tonnes)	3,320	-20.91% ▼	21 Apr 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	1,932-1,932.5	2.25% ▲	21 Apr 17
Cash unofficial	1,930-1,932	1.71% ▲	20 Apr 17
3 months official	1,939-1,939.5	1.95% ▲	21 Apr 17
3 months unofficial	1,941-1,943	1.49% ▲	20 Apr 17
LME Tapo notional average price (NAP)	1,925.96	-0.19% ▼	20 Apr 17
LME stocks (tonnes)	1,687,875	-3.32% ▼	20 Apr 17
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,690-1,700	1.19% ▲	21 Apr 17
LME cash unofficial	1,688.5-1,698.5	0.92% ▲	20 Apr 17
LME 3 months official	1,695-1,705	0.89% ▲	21 Apr 17
LME 3 months unofficial	1,695-1,705	0.89% ▲	20 Apr 17
LME stocks (tonnes)	15,080	7.1% ▲	20 Apr 17

Price Change Assessed

N. American special aluminium alloy

LME cash official	1,770-1,770.5	4.44% ▲	21 Apr 17
LME cash unofficial	1,766.5-1,776.5	1.55% ▲	20 Apr 17
LME 3 months official	1,805-1,810	4.78% ▲	21 Apr 17
LME 3 months unofficial	1,795-1,805	1.41% ▲	20 Apr 17
LME stocks (tonnes)	134,240	0.71% ▲	20 Apr 17

Copper grade A \$

LME cash official	5,600-5,601	-0.95% ▼	21 Apr 17
LME cash unofficial	5,608-5,613	-0.9% ▼	20 Apr 17
LME 3 months official	5,630-5,633	-0.95% ▼	21 Apr 17
LME 3 months unofficial	5,635-5,640	-0.97% ▼	20 Apr 17
LME Tapo notional average price (NAP)	5,720	-0.63% ▼	20 Apr 17
LME stocks (tonnes)	268,400	5.08% ▲	20 Apr 17

Lead \$

LME cash official	2,141-2,142	-5.06% ▼	21 Apr 17
LME cash unofficial	2,161-2,163	-4.25% ▼	20 Apr 17
LME 3 months official	2,140-2,141	-5.01% ▼	21 Apr 17
LME 3 months unofficial	2,164-2,166	-3.95% ▼	20 Apr 17
LME stocks (tonnes)	167,175	-0.98% ▼	20 Apr 17

Nickel \$

LME cash official	9,390-9,395	-3.1% ▼	21 Apr 17
LME cash unofficial	9,400-9,410	-2.99% ▼	20 Apr 17
LME 3 months official	9,450-9,460	-3.05% ▼	21 Apr 17
LME 3 months unofficial	9,445-9,455	-3.08% ▼	20 Apr 17
LME stocks (tonnes)	380,946	3.14% ▲	20 Apr 17

Tin \$

LME cash official	19,895-19,900	0.81% ▲	21 Apr 17
LME cash unofficial	19,770-19,820	0.38% ▲	20 Apr 17
LME 3 months official	19,895-19,900	1.07% ▲	21 Apr 17
LME 3 months unofficial	19,750-19,800	0.25% ▲	20 Apr 17
LME stocks (tonnes)	3,195	-2.44% ▼	20 Apr 17

Zinc special high grade \$

LME cash official	2,581.5-2,582	0.8% ▲	21 Apr 17
LME cash unofficial	2,606.5-2,608.5	0.1% ▲	20 Apr 17
LME 3 months official	2,604-2,605	0.75% ▲	21 Apr 17
LME 3 months unofficial	2,624-2,626	0.23% ▲	20 Apr 17
LME stocks (tonnes)	355,150	-1.11% ▼	20 Apr 17

Cobalt min 99.3%

LME cash official	55,000-55,500	0%	21 Apr 17
LME 3 months official	54,750-55,250	-0.45% ▼	21 Apr 17
LME stocks (tonnes)	779	-1.27% ▼	20 Apr 17

Molybdenum \$

LME cash official	14,750-15,250	0%	21 Apr 17
LME 3 months official	14,750-15,250	0%	21 Apr 17
LME stocks (tonnes)	0	0%	20 Apr 17

Steel billet

LME cash official	0.5-0	0%	21 Apr 17
LME cash unofficial	0.5-1	0%	20 Apr 17
LME 3 months official	0.5-0	0%	21 Apr 17
LME 3 months unofficial	0.5-1	0%	20 Apr 17
LME stocks (tonnes)	0	0%	10 Apr 17

[†] week-on-week change

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Gold \$/troy oz	Price	Change	Assessed
London morning	1,281.5	-0.36% ▼	21 Apr 17
London afternoon	1,282.10	-0.16% ▼	20 Apr 17
Handy/Harman	1,282.10	-0.16% ▼	20 Apr 17
Silver per troy oz			
London spot pence	1,405.46	-5.02% ▼	21 Apr 17
London spot cents	1,798	-3.12% ▼	21 Apr 17
Handy/Harman	1,790	-3.11% ▼	20 Apr 17
Palladium \$/troy oz			
London morning	787	-2.36% ▼	20 Apr 17
London afternoon	794	-1.61% ▼	20 Apr 17
Platinum \$/troy oz			
London morning	968	-0.51% ▼	20 Apr 17
London afternoon	976	0.1% ▲	20 Apr 17
Kuala Lumpur tin market			
Tin \$/tonne	19,850	1.28% ▲	21 Apr 17
ICDX			
Tin PB300 settlement price \$/tonne	20,000	0.38% ▲	21 Apr 17
Tin PB300 volume, tonnes	39	-71.32% ▼	21 Apr 17

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change [†]	Assessed
Copper	73,678.91	-3.05% ▼	21 Apr 17
Aluminium	25,421.26	0.08% ▲	21 Apr 17
Lead	28,177.15	-7.07% ▼	21 Apr 17
Zinc	33,965.18	-1.34% ▼	21 Apr 17
Nickel	123,587.47	-5.15% ▼	21 Apr 17
Tin	261,776.54	-1.38% ▼	21 Apr 17

EXCHANGE RATES

	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.2776	1.96% ▲	21 Apr 17
\$/¥	109.1400	-0.03% ▼	21 Apr 17
\$/€	1.0692	0.64% ▲	21 Apr 17
Closing rates, midpoint			
\$/£	1.2841	2.58% ▲	20 Apr 17
\$/¥	109.1850	-0.05% ▼	20 Apr 17
\$/€	1.0766	1.32% ▲	20 Apr 17
£/€	1.1927	1.24% ▲	20 Apr 17
\$/CNY	6.8839	0.01% ▲	20 Apr 17

BASE METALS ARBITRAGE

	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-385.21*	1.01% ▲	21 Apr 17
Import arbitrage, RMB/tonne	-2,657.43*	1.03% ▲	21 Apr 17
Copper			
Import arbitrage, \$/tonne	-33.92*	-44.23% ▼	21 Apr 17
Import arbitrage, RMB/tonne	-233.98*	-44.22% ▼	21 Apr 17
Nickel			
Import arbitrage, \$/tonne	-229.68*	182.58% ▲	21 Apr 17
Import arbitrage, RMB/tonne	-1,584.49*	182.62% ▲	21 Apr 17
Zinc			
Import arbitrage, \$/tonne	-45.51*	-30.26% ▼	21 Apr 17
Import arbitrage, RMB/tonne	-313.97*	-30.25% ▼	21 Apr 17

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

*MB Copyright

	Price	Change [†]	Assessed
Copper			
Rotterdam, Grade A, cathode, cif, \$/tonne	40.0–45.0*	0%	18 Apr 17
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0–30.0*	0%	18 Apr 17
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0–55.0*	0%	18 Apr 17
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	50.00*	0%	18 Apr 17
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0–55.0*	0%	18 Apr 17
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	50.00*	0%	18 Apr 17
Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0–15.0*	0%	18 Apr 17
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	45.0–60.0*	10.53% ▲	21 Apr 17
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	52.00*	10.64% ▲	21 Apr 17
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	40.0–55.0*	5.56% ▲	21 Apr 17
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	50.00*	8.7% ▲	21 Apr 17
MB free market US: High-grade cathode premium indicator, \$/tonne	115.7–126.8*	0%	18 Apr 17
Aluminium			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	90.0–100.0*	0%	21 Apr 17
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	93.00*	-2.11% ▼	21 Apr 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	110.00–125.00*	-1.26% ▼	18 Apr 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	113.00*	-5.04% ▼	18 Apr 17
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0–20.0*	0%	18 Apr 17
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0–105.0*	0%	18 Apr 17
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	99.00*	0%	18 Apr 17
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	120.0–130.0*	0%	18 Apr 17
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	128.00*	0%	18 Apr 17
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,790*	0%	19 Apr 17
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	128.0–128.0*	34.74% ▲	22 Mar 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	145.0–160.0*	0%	21 Apr 17
Aluminium P1020A, in-warehouse Rotterdam duty-paid, for delivery three months forward, \$/tonne	145.0–160.0*	0%	21 Apr 17
Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne	315.0–330.0*	1.57% ▲	21 Apr 17
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.095–0.097*	0.52% ▲	18 Apr 17
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	250.0–285.0*	2.88% ▲	18 Apr 17

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	160.0–180.0*	0%	18 Apr 17
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	280.0–340.0*	0%	07 Apr 17
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0–20.0*	0%	18 Apr 17
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0–25.0*	0%	18 Apr 17
USA lead premium 99.97%, delivered domestic, \$/lb	0.09–0.10*	0%	18 Apr 17
USA lead premium 99.97%, delivered domestic, cents/lb	9.00–10.00*	0%	18 Apr 17
USA lead premium 99.99%, delivered domestic, cents/lb	10.00–12.50*	0%	18 Apr 17
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	150.0–170.0*	–5.88% ▼	18 Apr 17
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	160.00*	–5.88% ▼	18 Apr 17
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	150.0–170.0*	–5.88% ▼	18 Apr 17
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	160.00*	–5.88% ▼	18 Apr 17
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	30–90*	0%	18 Apr 17
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	5–15*	0%	18 Apr 17
uncut cathodes premium indicator	140.0–180.0*	0%	18 Apr 17
4x4 cathodes premium indicator	250.0–300.0*	–8.33% ▼	18 Apr 17
briquettes premium indicator	180.0–220.0*	0%	18 Apr 17
US: melting premium indicator, \$/lb	0.190–0.250*	0%	18 Apr 17
Tin			
MB European free market			
Spot premium 99.9%, \$/tonne	325–375*	2.94% ▲	18 Apr 17
Spot premium 99.85%, \$/tonne	310–330*	0%	18 Apr 17
United States New York spot, cents/lb	929–930	0.87% ▲	20 Apr 17
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	70.0–90.0*	0%	18 Apr 17
MB EU: Special high grade, fca Rotterdam, \$/tonne	135.0–145.0*	0%	18 Apr 17
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	80.0–90.0*	0%	18 Apr 17
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	80.0–90.0*	0%	18 Apr 17
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	85.00*	0%	18 Apr 17
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	115.0–130.0*	0%	18 Apr 17
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	120.00*	0%	18 Apr 17
MB US: Special high grade, \$/lb	0.085–0.095*	0%	18 Apr 17

BASE METALS			
	Price	Change*	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne	2,380.0–2,480.0*	–1.82% ▼	20 Apr 17
Alumina Index fob Australia	309.08*	–0.16% ▼	20 Apr 17
Alumina Index fob Brazil	–10.59*		13 Apr 17
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	298.99*		13 Apr 17
Copper & Brass			
Producer premium			
Codelco: Contract 2016 Grade A cathode (average)	92.0	–17.86% ▼	04 Jan 16
Germany: (VDM) Electro, €/tonne wirebar (DEL):	5,305.0–5,334.3	–2.53% ▼	19 Apr 17
cathodes:	5,270.0–5,310.0	–3.2% ▼	19 Apr 17
South Africa: Palabora copper rod 7.90mm, Rand/tonne	85,940.510	–3.89% ▼	03 Apr 17
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	7.61–7.61*	2.98% ▲	13 Apr 17
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	76.10–76.10*	2.98% ▲	13 Apr 17
Shanghai bonded copper stocks, tonnes	610,000–615,000*	0%	10 Apr 17
Nickel			
Nickel pig iron high grade NPI content 10–15% contract price delivered duty paid China RMB per nickel unit price	890.00–910.00*	0%	18 Apr 17
Nickel pig iron high grade NPI content 10–15% spot price China RMB per nickel unit price	880.00–900.00*	–1.11% ▼	18 Apr 17
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	43–45*	0%	18 Apr 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	60–61*	0%	18 Apr 17
Lead			
Germany: (VDM) virgin soft, €/tonne	2,210.00–2,250.00–2.62%	▼	19 Apr 17
European automotive battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Soft lead (average)	155.55*	–0.17% ▼	30 Mar 17
Ca/Ca grid grid lead (average)	446.76*	–1.95% ▼	30 Mar 17
Connector lead (average)	587.36*	–1.64% ▼	30 Mar 17
European industrial battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Stand-by refined or soft lead (average)	280.46*	0.33% ▲	30 Mar 17
Traction refined or soft lead (average)	282.76	1.04% ▲	30 Mar 17
<i>For an explanation of these premiums, see http://www.eurobat.org/statistics</i>			
Zinc			
Germany: (VDM) virgin, €/tonne	2,550.00–2,550.00–1.16%	▼	19 Apr 17
UK: Special high grade, delivered monthly average price £/tonne	2,426*	–1.42% ▼	03 Apr 17

† week-on-week change

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PRECIOUS METALS

	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	860–960*	4.6% ▲	21 Apr 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	885	1.72% ▲	21 Apr 17
Engelhard base price: \$/troy oz	900	3.45% ▲	21 Apr 17
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	794–806*	0.13% ▲	21 Apr 17
Engelhard base price: \$/troy oz	804	–0.5% ▼	21 Apr 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	806	–0.49% ▼	21 Apr 17
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	974–979*	2.04% ▲	21 Apr 17
Engelhard base price: \$/troy oz	979	0.1% ▲	21 Apr 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	979	0.2% ▲	21 Apr 17
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	975–1,075*	0%	21 Apr 17
Engelhard base price: \$/troy oz	1,025	0%	21 Apr 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	1,025	0%	21 Apr 17
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	60–70*	8.33% ▲	21 Apr 17
Engelhard base price: \$/troy oz	60	9.09% ▲	21 Apr 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	65	18.18% ▲	21 Apr 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	8,900–9,100*	0%	21 Apr 17
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,800–9,050*	0%	21 Apr 17
MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne	60,000–61,000*	0%	19 Apr 17
Arsenic			
MB free market \$/lb	0.90–1.25*	0%	14 Apr 17
Bismuth			
MB free market \$/lb	4.70–5.10*	0%	21 Apr 17
MB China domestic, min 99.99%, RMB/tonne	74,000–76,000*	–1.32% ▼	21 Apr 17
Cadmium			
MB free market min 99.95% cents/lb	75.00–82.00*	0%	21 Apr 17
MB free market min 99.99% cents/lb	78.00–87.00*	0%	21 Apr 17
Chromium			
MB free market alumino-thermic min 99% \$/tonne	8,050–8,300*	0%	21 Apr 17
Cobalt			
MB free market high-grade \$/lb	27.35–28.70*	1.91% ▲	21 Apr 17
MB free market low-grade \$/lb	24.90–26.25*	–0.68% ▼	21 Apr 17
MB high-grade, weighted average of all confirmed international trades, \$/lb	27.73*	–0.14% ▼	21 Apr 17
MB low-grade, weighted average of all confirmed international trades, \$/lb	25.41*	0.67% ▲	21 Apr 17
MB China domestic, min 99.8% RMB/tonne	390,000–420,000*	–2.41% ▼	21 Apr 17
Cobalt tetroxide min 72.6% Co delivered China RMB/tonne	380,000–390,000*	–2.53% ▼	21 Apr 17

	Price	Change	Assessed
Gallium			
MB free market \$/kg	125–150*	0%	21 Apr 17
MB China domestic, min 99.99%, RMB/kg	760–810*	–1.88% ▼	19 Apr 17
Germanium			
Germanium dioxide MB free market \$/kg	700–780*	0%	21 Apr 17
Germanium metal \$/kg Rotterdam	1,050–1,200*	0%	21 Apr 17
Germanium metal MB China domestic, min 99.999%, RMB/kg	7,200–7,500*	–1.34% ▼	19 Apr 17
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950–1,050*	0%	14 Apr 17
Indium			
MB free market \$/kg	190–220*	0%	21 Apr 17
MB China domestic, min 99.99% RMB/kg	1,250–1,280*	–0.39% ▼	19 Apr 17
Indium Corp ingots min 99.97% \$/kg fob	440.00	–40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,200–2,300*	0%	21 Apr 17
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,220–2,230*	–1.33% ▼	21 Apr 17
MB Chinese free market min 99% Mg, ex-works RMB/tonne	14,600–14,800*	0%	21 Apr 17
Manganese flake			
MB free market \$/tonne	2,100–2,200*	0%	21 Apr 17
Mercury			
MB free market \$ per flask	1,050–1,275*	0%	14 Apr 17
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	770–900*	0%	14 Apr 17
APR catalytic grade \$/kg Re	1,700–1,850*	0%	14 Apr 17
Selenium			
MB free market \$/lb	19.00–22.00*	0.37% ▲	21 Apr 17
MB China domestic, min 99.9%, RMB/kg	360–420*	0%	21 Apr 17
Selenium dioxide, MB China domestic, min 98%, RMB/kg	280–310*	0%	21 Apr 17
Silicon			
MB free market €/tonne	1,900–1,980*	0%	21 Apr 17
US free market cents/lb	105–107*	3.92% ▲	10 Apr 17
Export from mainland China min 98.5%, \$/tonne fob	1,440–1,470*	–1.02% ▼	21 Apr 17
Tellurium			
MB free market \$/kg	30.00–40.00*	0%	21 Apr 17
MB China domestic, min 99.99%, RMB/kg	380–420*	0%	21 Apr 17
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.60–5.00*	0%	19 Apr 17
Titanium ores \$/tonne			
Rutile conc min 95% TiO ₂ bagged, fob/Aus	770–850	0%	20 Apr 17
Rutile bulk conc min 95% TiO ₂ fob/Aus	710–770	0%	20 Apr 17
Ilmenite bulk conc min 54% TiO ₂ fob/Aus	170–185	0%	20 Apr 17

† week-on-week change

continued >>

NOBLE ALLOYS & ORES				
	Price	Change†	Assessed	
Molybdenum molybdic oxide				
Europe drummed molybdic oxide \$/lb Mo	8.70–8.85*	–2.23%	▼	21 Apr 17
US canned molybdic oxide \$/lb Mo	9.00–9.20*	0%		20 Apr 17
Ferro-molybdenum				
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	21.60–22.20*	–1.13%	▼	21 Apr 17
US free market 65–70% Mo \$/lb in-warehouse Pittsburgh	10.80–11.30*	0.91%	▲	20 Apr 17
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,200–1,210*	0%		19 Apr 17
Tungsten				
European free market APT \$/mtu	208–216*	0.95%	▲	21 Apr 17
Export from mainland China APT Chinese No1 grade, min 88.5% WO ₃ , \$/mtu fob	210–216*	1.91%	▲	19 Apr 17
MB Chinese free market concentrate 65% Wo ₃ in-warehouse China RMB/tonne	79,000–81,000*	0%		19 Apr 17
Ferro-tungsten				
Basis 75% W min \$/kg W in-warehouse Rotterdam duty unpaid	24.95–25.60*	1.51%	▲	21 Apr 17
China export min 75% \$/kg W, fob China	25.80–26.00*	0%		19 Apr 17
Vanadium				
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	27.60–28.50*	0.36%	▲	21 Apr 17
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	12.35–13.00*	1.2%	▲	20 Apr 17
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V2O ₅	5.95–6.20*	8%	▲	21 Apr 17
Zircon				
Foundry grade bulk \$/tonne fob Australia	950–1,000	0%		20 Apr 17
Premium bulk \$/tonne fob Australia	1,000–1,050	0%		20 Apr 17
BULK ALLOYS				
	Price	Change†	Assessed	
Ferro-chrome \$/lb Cr				
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	1.15*	0%		21 Apr 17
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.54*	0%		21 Apr 17
Spot 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	9,200–9,600*	–3.59%	▼	21 Apr 17
Contract 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	9,600–9,850*	0%		21 Apr 17
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.54*	–6.67%	▼	01 Apr 17
6–8% C basis 60% Cr max 1.5% Si	1.27–1.42*	0%		21 Apr 17
0.10% C average 60–70% Cr	2.13–2.20*	0%		21 Apr 17
European low carbon in-warehouse 0.06% C max – 65% Cr	2.16–2.22*	0%		21 Apr 17
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.37–1.50*	0%		21 Apr 17
Japan import 8–9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome	1.15–1.22*	0%		20 Apr 17
South Korea import 8–9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome	1.15–1.20*	0%		20 Apr 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	1.430–1.490*	–0.34%	▼	20 Apr 17
0.05% C – 65% min Cr	2.15–2.20*	0%		20 Apr 17
0.10% C – 62% min Cr	2.00–2.05*	0%		20 Apr 17
0.15% C – 60% min Cr	1.95–1.99*	0%		20 Apr 17

	Price	Change	Assessed	
Chrome ore \$/tonne				
<i>Chrome ore cif main Chinese ports</i>				
South African UG2 chrome ore concs, index basis 42%	355*	–3.53%	▼	21 Apr 17
Turkish lumpy 40–42% cfr main Chinese ports	370–390*	–0.65%	▼	21 Apr 17
Ferro-manganese				
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,200–1,280*	0%		21 Apr 17
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,380–1,430*	0%		20 Apr 17
US free market medium carbon duty paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.08–1.14*	0%		20 Apr 17
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China RMB/tonne	6,300–6,500*	0%		21 Apr 17
Manganese ore				
44% Mn, cif Tianjin \$/dmu of metal contained	5.13*	–0.39%	▼	21 Apr 17
37% Mn, fob Port Elizabeth \$/dmu of metal contained	3.86*	–1.28%	▼	21 Apr 17
Ferro-silicon				
Lumpy basis 75% Si (scale pro rata) €/tonne	1,220–1,350*	0%		21 Apr 17
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si – imported	0.75–0.79*	0%		20 Apr 17
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,090–1,160*	–4.66%	▼	21 Apr 17
MB Chinese free market min 75% Si, in-warehouse China, RMB/tonne	5,300–5,500*	–5.26%	▼	21 Apr 17
Silico-manganese				
Lumpy basis 65–75% Mn basis 15–19% Si (scale pro rata) €/tonne	1,040–1,115*	1.89%	▲	21 Apr 17
US free market \$/lb in-warehouse Pittsburgh	0.65–0.68*	0%		20 Apr 17
MB Chinese free market min 65% Mn max 17% Si in-warehouse China RMB/tonne	6,100–6,500*	–6.67%	▼	21 Apr 17
65% min Mn 16% min Si \$/tonne fob India	1,040–1,110*	2.38%	▲	21 Apr 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	475–480*	0%	19 Apr 17
Wire rod (mesh quality)	480–490*	0%	19 Apr 17
Plate (8–40mm)	525–550*	0%	19 Apr 17
Hot rolled coil	500–520*	0%	19 Apr 17
Cold rolled coil	610–630*	0%	19 Apr 17
Hot-dip galvanized coil	640–670*	0%	19 Apr 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%	19 Apr 17
Wire rod (mesh quality)	480–495*	0%	19 Apr 17
Plate (8–40mm)	510–525*	0%	19 Apr 17
Hot rolled coil	495–515*	0%	19 Apr 17
Cold rolled coil	600–620*	0%	19 Apr 17
Hot-dip galvanized coil	640–660*	0%	19 Apr 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	415–430*	1.2% ▲	19 Apr 17
Wire rod (mesh quality)	415–430*	0%	19 Apr 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	460–470*	-2.11% ▼	19 Apr 17
Wire rod (mesh quality)	470–480*	2.15% ▲	19 Apr 17
Sections (medium)	630–660*	0%	19 Apr 17
Beams	530–555*	0%	19 Apr 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	400–440*	-3.45% ▼	19 Apr 17
Wire rod (mesh quality)	450–460*	0%	19 Apr 17
Sections (medium)	600–635*	0%	19 Apr 17
Beams	535–550*	0%	19 Apr 17
Central Europe domestic € per tonne ex-works			
Hot rolled coil	540–550*	-0.91% ▼	19 Apr 17
Poland domestic zloty per tonne ex-works			
Rebar	1,970–2,000*	-0.5% ▼	21 Apr 17
Northern Europe € per tonne ex-works			
Plate (8–40mm)	580–610*	0%	19 Apr 17
Hot rolled coil	550–560*	-0.89% ▼	19 Apr 17
Cold rolled coil	640–670*	0%	19 Apr 17
Hot-dip galvanized coil	670–710*	0%	19 Apr 17
Southern Europe € per tonne ex-works			
Plate (8–40mm)	540–550*	0%	19 Apr 17
Hot rolled coil	520–530*	0%	19 Apr 17
Cold rolled coil	610–630*	0%	19 Apr 17
Hot-dip galvanized coil	650–680*	-0.75% ▼	19 Apr 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	440–455*	1.13% ▲	19 Apr 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	385–390*	0.65% ▲	17 Apr 17
Slab	415–420*	-1.18% ▼	17 Apr 17
Rebar	405–420*	-0.6% ▼	17 Apr 17
Wire rod (mesh)	435–445*	-3.83% ▼	17 Apr 17
Heavy plate (10–50mm)	510–520*	-4.19% ▼	17 Apr 17
Hot rolled coil	450–460*	1.11% ▲	17 Apr 17
Cold rolled coil	510–520*	-3.74% ▼	17 Apr 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	27,000–32,000*	-3.28% ▼	17 Apr 17
Hot rolled sheet	38,000–38,950*	0.52% ▲	17 Apr 17
Cold rolled sheet	46,000–46,050*	0%	17 Apr 17
Plate	38,000–38,500*	0%	17 Apr 17
CARBON STEEL – MIDDLE EAST			
	Price	Change [†]	Assessed
Turkish exports			
<i>Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i>			
Billet	405–410*	-1.21% ▼	20 Apr 17
Rebar	420–425*	-0.59% ▼	20 Apr 17
Wire rod (mesh quality)	440–460*	0%	20 Apr 17
Merchant bars	480–485*	0%	20 Apr 17
Structural pipe	550–560*	-1.77% ▼	12 Apr 17
Hot rolled coil	500–505*	-0.99% ▼	21 Apr 17
Turkish domestic			
<i>Metal Bulletin's appraisal of prices within Turkey for commercial-quality carbon steel of Turkish origin, \$ per tonne ex-works</i>			
Billet	400–410*	0%	20 Apr 17
Rebar	435–445*	-0.56% ▼	20 Apr 17
Wire rod (mesh quality)	460–483*	-0.74% ▼	20 Apr 17
Hot rolled coil	510–515*	-3.76% ▼	21 Apr 17
Cold rolled coil	620–625*	0%	21 Apr 17
Hot dip galvanized	730–760*	-0.67% ▼	21 Apr 17
Prepainted galvanized	810–830*	0%	21 Apr 17
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	395–405*	0.63% ▲	20 Apr 17
Hot rolled coil	460–480*	-3.59% ▼	21 Apr 17
Cold rolled coil	525–530*	-1.4% ▼	21 Apr 17
UAE imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	395–400*	0%	18 Apr 17
Rebar	425–430*	-0.58% ▼	18 Apr 17
Hot rolled coil	455–475*	-5.58% ▼	18 Apr 17
Cold rolled coil	525–530*	-11.34% ▼	18 Apr 17
Hot dip galvanized coil	640–700*	-4.29% ▼	18 Apr 17
Saudi Arabia imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Rebar	430–435*	-2.81% ▼	18 Apr 17
Hot rolled coil	460–480*	-5.53% ▼	18 Apr 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	1,850–1,863*	0%	18 Apr 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	520–554*	–5.37% ▼	19 Apr 17
Hot rolled coil	445–450*	–6.28% ▼	19 Apr 17
Hot dip galvanized coil	570–575*	–3.78% ▼	19 Apr 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	9,495–9,500*	0%	20 Apr 17
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	390–405*	–4.1% ▼	20 Apr 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	390–400*	0%	21 Apr 17
Slab	415–425*	–0.59% ▼	21 Apr 17
Rebar	440–450*	0%	21 Apr 17
Wire rod mesh quality	440–450*	0%	21 Apr 17
Heavy plate over 10mm	480–490*	0%	21 Apr 17
Hot rolled coil (dry)	490–500*	0%	21 Apr 17
Cold rolled coil	595–600*	0%	21 Apr 17
Galvanized coil	800–810*	0%	21 Apr 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	460–470*	–2.62% ▼	21 Apr 17
Hot rolled coil	450–480*	–2.11% ▼	21 Apr 17
Cold rolled coil	505–520*	–0.97% ▼	21 Apr 17
Galvanized coil	580–590*	–0.85% ▼	21 Apr 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	680–695*	1.48% ▲	07 Apr 17
Cold rolled coil	820–835*	2.48% ▲	07 Apr 17
Galvanized coil	1,080–1,175*	1.81% ▲	07 Apr 17
Rebar	840–850*	0%	07 Apr 17

Brazil domestic

<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reals per tonne ex-works</i>			
Hot rolled coil	3,220–3,440*	–8.01% ▼	07 Apr 17
Cold rolled coil	3,560–3,670*	–8.02% ▼	07 Apr 17
Hot dip galvanized coil	3,725–3,875*	–8.05% ▼	07 Apr 17
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reals per tonne delivered</i>			
Rebar	3,250–3,410*	0%	07 Apr 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	449–458*	–1.09% ▼	19 Apr 17
Merchant bars	560–580*	0%	31 Mar 17
Wire rod (low carbon)	467–476*	0%	12 Apr 17
Medium sections	600–620*	0%	30 Mar 17
Medium plate	645–700*	10.25% ▲	19 Apr 17
Hot rolled coil (commodity)	580–600*	0%	19 Apr 17
Cold rolled coil	660–720*	–4.17% ▼	19 Apr 17
Hot dipped galvanized 0.012–0.015, G30	880–920*	–1.1% ▼	19 Apr 17
ERW linepipe (X42)	840–840*	0%	28 Mar 17
OCTG API5CT – casing J55	1,000–1,000*	5.26% ▲	28 Mar 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)	530–540*	–0.93% ▼	19 Apr 17
Wire rod (mesh quality fob mill)	550–570*	0%	12 Apr 17
Plate (fob mill)	740–740*	0.68% ▲	13 Apr 17
Hot rolled sheet (fob mill)	640–640*	–1.54% ▼	20 Apr 17
Cold rolled sheet (fob mill)	840–840*	–0.59% ▼	20 Apr 17
Hot-dip galvanized (base) Midwest (fob mill)	845–845*	–0.59% ▼	20 Apr 17
ERW linepipe (X42) (fob mill)	990–990*	0%	28 Mar 17
OCTG API5CT – casing J55 (fob mill)	1,200–1,200*	11.11% ▲	28 Mar 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)	33.25–33.25*	0%	31 Mar 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	415–425*	–4.55% ▼	18 Apr 17
Wire rod (mesh quality)	415–420*	–4.57% ▼	18 Apr 17
Heavy plate	420–430*	–6.08% ▼	18 Apr 17
Hot rolled coil	415–420*	–5.65% ▼	18 Apr 17
Cold rolled coil	450–455*	–4.74% ▼	18 Apr 17
Galvanized coil 1mm	520–530*	–8.7% ▼	18 Apr 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	3,200–3,240*	–3.16% ▼	21 Apr 17
Wire rod (mesh)	3,230–3,250*	–3.86% ▼	21 Apr 17
Sections	2,870–2,920*	–5.24% ▼	21 Apr 17
Plate	3,190–3,220*	–5.87% ▼	21 Apr 17
Hot rolled coil (min 2mm)	2,960–2,990*	–2.94% ▼	21 Apr 17
Cold rolled coil (0.5 – 2 mm)	3,350–3,380*	–3.17% ▼	21 Apr 17
Hot-dip galvanized coil	4,180–4,220*	–3.34% ▼	21 Apr 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	2,780–2,780*	–3.81% ▼	21 Apr 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	2,940–2,970*	–1.34% ▼	21 Apr 17
Rebar	3,140–3,170*	–2.02% ▼	21 Apr 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	3,640–3,690*	-1.61% ▼	21 Apr 17
Wire rod (mesh)	3,530–3,560*	1.58% ▲	21 Apr 17
Sections	3,360–3,380*	-3.44% ▼	21 Apr 17
Plate	3,230–3,280*	-6.33% ▼	21 Apr 17
Hot rolled coil (min 2mm)	3,010–3,030*	-3.82% ▼	21 Apr 17
Cold rolled coil (0.5 – 2 mm)	3,580–3,600*	-2.71% ▼	21 Apr 17
Hot-dip galvanized coil	4,200–4,250*	-5.38% ▼	21 Apr 17

Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel, \$ per tonne cfr</i>			
Billet	400–420*	-3.53% ▼	17 Apr 17
Slab (Asia/East Asia)	425–435*	-0.58% ▼	17 Apr 17
Hot rolled coil (Vietnam)	440–455*	-4.79% ▼	17 Apr 17
Rebar (Singapore)	415–420*	-1.18% ▼	17 Apr 17
Wire rod (low carbon)	425–435*	-6.01% ▼	17 Apr 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	380–390*	0%	21 Apr 17
Plate (12–40mm)	485–495*	0%	21 Apr 17
Hot rolled coil (commodity)	480–485*	0%	21 Apr 17
Hot-dip galvanized coil	690–700*	0%	21 Apr 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)	450–455*	0%	21 Apr 17
Hot rolled coil (commodity)	460–465*	0%	21 Apr 17
Hot rolled coil (CR grade)	450–455*	0%	21 Apr 17
Cold rolled	520–530*	0%	21 Apr 17

Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	28,000–28,200*	0%	21 Apr 17
Heavy plate	37,000–37,500*	0%	21 Apr 17
Hot rolled coil	38,500–39,000*	0%	21 Apr 17
Cold rolled coil	41,500–42,000*	0%	21 Apr 17
DRI	18,200–18,300*	0%	21 Apr 17
Hot-dip galvanized coil	46,000–46,500*	0%	21 Apr 17
Rebar	30,000–30,100*	0%	21 Apr 17

STEELBENCHMARKER™ PRICES

	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	821	-2.38% ▼	10 Apr 17
Standard plate (\$/short ton)	745	-2.36% ▼	10 Apr 17
Hot rolled coil (\$/metric tonne)	713	1.28% ▲	10 Apr 17
Hot rolled coil (\$/short ton)	647	1.25% ▲	10 Apr 17
Cold rolled coil (\$/metric tonne)	910	1%	10 Apr 17
Cold rolled coil (\$/short ton)	826	1.1%	10 Apr 17
Region: Mainland China			
Rebar	434	-3.56% ▼	10 Apr 17
Standard plate	427	-3.83% ▼	10 Apr 17
Hot rolled coil	404	-5.83% ▼	10 Apr 17
Cold rolled coil	489	-7.21% ▼	10 Apr 17
Region: World export market			
Hot rolled coil (\$/metric tonne)	527	-0.57% ▼	10 Apr 17

STAINLESS STEEL

	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	1,950–2,000*	-1.5% ▼	19 Apr 17
Grade 304 HR sheet	1,880–1,920*	-1.3% ▼	19 Apr 17
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	13,800–14,300*	-4.42% ▼	20 Apr 17
Grade 430 2mm CR coil	8,400–8,450*	-2.32% ▼	20 Apr 17
EU export			
€/tonne fob N. European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,568–2,617*	0%	21 Apr 17
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N. Europe Base price	1,140–1,165*	0%	21 Apr 17
Alloy surcharge	1,428–1,452*	0%	21 Apr 17
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,465–1,485*	0%	21 Apr 17
Alloy surcharge	1,969–2,021*	0%	21 Apr 17
304 stainless steel bright bar, €/tonne			
Base price	970–1,000*	0%	21 Apr 17
Alloy surcharge	1,700–1,855*	0%	21 Apr 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	109–109*	1.4% ▲	06 Apr 17
Grade 316 coiled plate	143–143*	2.14% ▲	06 Apr 17
Grade 304 cold rolled sheet	128–128*	1.99% ▲	06 Apr 17
Grade 316L cold rolled sheet	164–164*	1.55% ▲	06 Apr 17
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,276.73*	1.34% ▲	18 Apr 17

CHINA IRON ORE

<i>cfr main China port \$ per dry metric tonne</i>			
	Price	Change [†]	Assessed
Iron ore index (62% Fe)	68.22*	-0.67% ▼	21 Apr 17
Iron ore pellet index cfr Qingdao (65% Fe)	84.50*	-6.63% ▼	21 Apr 17
Iron ore concentrate index cfr Qingdao (66% Fe)	77.35*	-7.19% ▼	21 Apr 17
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.34*	-4.96% ▼	03 Apr 17

IRAN IRON ORE

<i>cfr China US \$ per tonne</i>			
	Price	Change [†]	Assessed
Iron ore fines index (60% Fe)	60.84–60.84*	-16.08% ▼	19 Apr 17

COKING COAL

<i>\$ per metric tonne</i>			
	Price	Change [†]	Assessed
Premium hard coking coal cfr China	230.97–230.97*	0%	21 Apr 17
Hard coking coal cfr China	200.28–200.28*	-6.98% ▼	21 Apr 17
Premium hard coking coal fob Australia	263.68–263.68*	-12.06% ▼	21 Apr 17
Hard coking coal fob Australia	239.63–239.63*	-7.89% ▼	21 Apr 17
China hard coking coal Shanxi spot			
market domestic delivered yuan/tonne	1,450–1,610*	1.66% ▲	21 Apr 17
65% CSR coke \$/tonne fob Tianjin	315–335*	1.56% ▲	18 Apr 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	155-165*	-5.88%	▼	13 Apr 17
1&2 old steel	130-140*	-6.9%	▼	13 Apr 17
12A/C new production heavy and shovellable steel	157-167*	-2.99%	▼	13 Apr 17
12D new production heavy and shovellable steel	162-172*	-2.91%	▼	13 Apr 17
Bales and cuttings				
4A new steel bales	164-174*	-2.87%	▼	13 Apr 17
4C new steel bales	159-169*	-2.96%	▼	13 Apr 17
8A new loose light cuttings	154-164*	-3.05%	▼	13 Apr 17
8B new loose light cuttings	139-149*	-3.36%	▼	13 Apr 17
Turnings				
UK inter-merchant 7B heavy steel turnings	100-110*	-8.7%	▼	13 Apr 17
Cast iron				
9A/10 heavy and light cast iron	130-140*	-6.9%	▼	13 Apr 17
9B/C cylinder block scrap	150-160*	-6.06%	▼	13 Apr 17
11A cast iron borings	85-105*	-13.64%	▼	13 Apr 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	70-90*	0%		13 Apr 17
UK ferrous scrap export				
<i>MB assessment \$/tonne cfr main UK port</i>				
HMS 1&2 (80:20 mix)	244-246*	-4.48%	▼	21 Apr 17
Shredded	249-251*	-4.4%	▼	21 Apr 17
Indian imports				
<i>MB assessment \$/tonne cfr Nhava Sheva</i>				
MB index cfr India shredded	313.00*	4.35%	▲	13 Apr 17
HMS 1&2 (80:20 mix)	295-300*	7.21%	▲	13 Apr 17
Alloy steel scrap domestic				
<i>UK wholesale merchants' stainless (£/tonne)</i>				
18/8 solids	880-920*	-2.17%	▼	21 Apr 17
18/8 turnings	750-780*	-2.24%	▼	21 Apr 17
12-13% Cr solids	200-230*	0%		21 Apr 17
16-17% Cr solids	230-260*	0%		21 Apr 17
Cif Europe stainless € per tonne				
18/8 solids	1,120-1,140*	-1.31%	▼	21 Apr 17
18/8 turnings	1,010-1,025*	-1.21%	▼	21 Apr 17
Rotterdam export				
<i>MB assessment \$/tonne fob Rotterdam</i>				
MB index fob Rotterdam HMS 1&2 (80:20)	253.50*	5.19%	▲	13 Apr 17
HMS 1&2 (70:30 mix)	233-235*	-6.21%	▼	21 Apr 17
Shredded	243-245*	-5.97%	▼	21 Apr 17
Turkish import				
<i>MB assessment \$/tonne cfr main Turkish ports</i>				
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	260.93*	-3.72%	▼	20 Apr 17
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	268.09*	-4.33%	▼	20 Apr 17
HMS 1&2 (75:25 mix)	250-252*	-5.82%	▼	21 Apr 17
Shredded	270-272*	-2.52%	▼	21 Apr 17

	Price	Change	Assessed	
Turkish domestic				
MB assessment delivered				
Melting scrap from shipbreaking (\$/tonne)	265.00–268.00*	3.5%	▲	17 Apr 17
Auto bundle scrap (Turkish lira/tonne)	855.00–995.00*	0%		17 Apr 17
USA export				
AMM ferrous scrap export index\$/tonne East Coast job New York				
HMS 1&2 (80:20)	256.00*	0%		19 Apr 17
Shredded	261.00*	0%		19 Apr 17
USA domestic				
AMM Midwest index \$/gross ton delivered mill				
No1 heavy melting scrap	265.96*	–11.51%	▼	10 Apr 17
No1 busheling	350.29*	–4.07%	▼	10 Apr 17
Shredded	297.27*	–7.79%	▼	10 Apr 17
China domestic				
yuan/tonne delivered mill				
Heavy scrap	1,550–1,750*	–1.79%	▼	21 Apr 17
Taiwan import				
\$/tonne cfr main port				
HMS 1&2 (80:20 mix) (USA material)	235–240*	–4.04%	▼	21 Apr 17
Germany domestic				
€/tonne composite sales price ex-yard, source: BDSV				
No E2/8 (new steel scrap)	233.90	12.18%	▲	01 Mar 17
No E1 (old steel scrap)	217.80	11.81%	▲	01 Mar 17
No E3 (old thick steel scrap)	233.70	10.71%	▲	01 Mar 17
No E40 (shredded steel scrap)	242.70	14.21%	▲	01 Mar 17
No E5 (steel turnings)	192.50	14.72%	▲	01 Mar 17
MB assessment €/tonne delivered at mill				
Grade E40 (shredded steel scrap)	255–270	–0.94%	▼	21 Apr 17
No E8 (thin new production steel scrap)	255–265	–0.95%	▼	21 Apr 17
No E3 (old thick scrap)	250–270	0.97%	▲	21 Apr 17
Italy domestic				
MB assessment €/tonne delivered at mill				
No E3 (old thick scrap)	250.00	15.91%	▲	17 Mar 17
No E8 (thin new production steel)	265.00	16.13%	▲	17 Mar 17

SCRAP SUBSTITUTES

	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	330-360*	-2.82%	▼ 20 Apr 17
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	215-220*	0%	21 Apr 17
Pig iron fob Vitoria/Rio	365-370*	0%	21 Apr 17
Pig iron fob Ponta da Maderia	380-390*	0%	21 Apr 17
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	395-405*	0%	21 Apr 17
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	415-420*	-0.71%	▼ 20 Apr 17
Pig iron Black Sea	310-340*	-2.26%	▼ 20 Apr 17
China domestic yuan/tonne delivered warehouse			
Pig iron	2,460-2,540*	-1.96%	▼ 21 Apr 17

† week-on-week change

continued >>

NON-FERROUS SCRAP EUROPE			
	Price	Change†	Assessed
Aluminium			
European free market MB assessment €/tonne			
Floated frag	1,340–1,380*	-0.73%	▼ 21 Apr 17
Cast	1,230–1,270*	-0.79%	▼ 21 Apr 17
Mixed turnings 6%	1,130–1,180*	-2.12%	▼ 21 Apr 17
Germany per 1000kg			
Pure cuttings	1,390–1,470	0%	19 Apr 17
Commercial cast	1,250–1,370	-0.38%	▼ 19 Apr 17
H9 extrusions	1,740–1,840	-0.83%	▼ 19 Apr 17
Alloy turnings	1,080–1,200	0%	19 Apr 17
Source: VDM			
France per 1000kg			
Pure cuttings	1,630–1,660	-0.9%	▼ 18 Apr 17
Old rolled	820–850	0%	18 Apr 17
Commercial cast	1,065–1,080	0%	18 Apr 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Pure cuttings	1,300–1,400	-1.1%	▼ 14 Apr 17
Old mixed scrap	1,220–1,270	-0.4%	▼ 14 Apr 17
Commercial cast	1,130–1,180	0%	14 Apr 17
Source: Assomet			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,070–5,250	-2.27%	▼ 19 Apr 17
Heavy copper	4,530–4,770	-2.52%	▼ 19 Apr 17
Heavy brass	3,100–3,340	-3.01%	▼ 19 Apr 17
Brass turnings (MS 58)	3,480–3,700	-1.37%	▼ 19 Apr 17
Brass sheet (MS 63)	3,780–3,930	-2.28%	▼ 19 Apr 17
Source: Verein Deutscher Metallhandler			
France per 1000kg			
Electro cuttings	4,700–4,750	-2.07%	▼ 18 Apr 17
No 1 bright wire	4,300–4,360	-2.15%	▼ 18 Apr 17
Mixed (96%)	4,150–4,200	-0.83%	▼ 18 Apr 17
Brass plate cuttings 70/30	3,550–3,650	-4%	▼ 18 Apr 17
Brass turnings	2,950–3,000	-1.65%	▼ 18 Apr 17
Mixed brass	2,900–3,000	0%	18 Apr 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,042–5,124	-3.05%	▼ 14 Apr 17
Enamelled wire EN 12861-S-Cu-3	4,880–4,962	-3.15%	▼ 14 Apr 17
New from tubes, strips etc EN 12861-S-Cu-4	4,980–5,128	-3.07%	▼ 14 Apr 17
Old from tubes, strips etc 12861-S-Cu-7	4,727–4,809	-3.25%	▼ 14 Apr 17
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,000–4,080	-3.08%	▼ 14 Apr 17
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,180–3,510	-3.74%	▼ 14 Apr 17
Several 95% m/m 12861-S-Cu-Zn-7	3,250–3,328	-3.8%	▼ 14 Apr 17
Source: Assomet			

STEELBENCHMARKER™ SCRAP PRICES			
	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	291	-6.13%	▼ 10 Apr 17
Shredded scrap (\$/gross ton)**	295	-6.35%	▼ 10 Apr 17
No 1 heavy melting scrap (\$/metric tonne)	266	-6.99%	▼ 10 Apr 17
No 1 heavy melting scrap (\$/gross ton)	271	-6.55%	▼ 10 Apr 17
No 1 busheling scrap (\$/metric tonne)	349	-3.86%	▼ 10 Apr 17
No 1 busheling scrap (\$/gross ton)	354	-4.07%	▼ 10 Apr 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	1,400–1,450*	-1.04%	▼ 19 Apr 17
Commercial pure cuttings	1,160–1,230*	-0.83%	▼ 19 Apr 17
Clean HE9 extrusions	1,410–1,480*	0%	19 Apr 17
Loose old rolled cuttings	850–925*	0%	19 Apr 17
Baled old rolled	950–1,000*	0%	19 Apr 17
Commercial cast	1,030–1,090*	0%	19 Apr 17
Cast wheels	1,250–1,310*	0%	19 Apr 17
Commercial turnings	720–770*	0%	19 Apr 17
Group 7 turnings	630–700*	0%	19 Apr 17
MB and LME aluminium scrap discounts			
£ per tonne			
Group 1 pure 99% & Litho	48–98*	-32.41%	▼ 19 Apr 17
Commercial pure cuttings	268–338*	-11.66%	▼ 19 Apr 17
Clean HE9 extrusions	18–88*	-48.54%	▼ 19 Apr 17
Loose old rolled cuttings	401–476*	-8.74%	▼ 19 Apr 17
Baled old rolled	326–376*	-10.69%	▼ 19 Apr 17
Commercial cast	236–296*	-13.64%	▼ 19 Apr 17
Cast wheels	16–76*	-47.73%	▼ 19 Apr 17
Commercial turnings	556–606*	-6.74%	▼ 19 Apr 17
Group 7 turnings	626–696*	-5.97%	▼ 19 Apr 17
Titanium			
\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.80–0.90*	0%	19 Apr 17
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.72–0.82*	0%	19 Apr 17
Copper scrap discount			
cents/lb			
No 2 copper (birch/cliff) imported into China 94–96% cif China	29–31*	-13.04%	▼ 27 Mar 17

† week-on-week change

continued >>

NON-FERROUS FOUNDRY INGOTS

	Price	Change [†]	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,590–1,640*	0%	19 Apr 17
LM6/LM25 gravity diecasting ingot	1,770–1,840*	0%	19 Apr 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	1,800–1,880*	–1.87% ▼	21 Apr 17
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.91–0.93*	0%	20 Apr 17
AFFIMET €/tonne			
AS12	3,760	0.27% ▲	01 Apr 17
AS12 UN	3,070	0.66% ▲	01 Apr 17
AS9 U3	2,445	0.82% ▲	01 Apr 17
AS5 U3	2,795	0.72% ▲	01 Apr 17
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,360–2,460	–1.63% ▼	19 Apr 17
DIN 231	2,440–2,540	–1.58% ▼	19 Apr 17
DIN 311	2,420–2,520	–1.59% ▼	19 Apr 17
Aluminium bronze £/tonne UK			
AB1 ex-works	4,550	0%	11 Apr 17
AB2 ex-works	4,650	0%	11 Apr 17
Source: C. F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	3,700	0%	11 Apr 17
High tensile HTB1 ex-works	3,800	0%	11 Apr 17
Source: C. F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,550	0%	11 Apr 17
LG4 87/7/3/3 ex-works	5,250	0%	11 Apr 17
G1 1.15 PB ex-works	6,050	0%	11 Apr 17
Source: C. F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,650	0%	11 Apr 17
Source: C. F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,200	0%	11 Apr 17
15% P ex-works	6,300	0%	11 Apr 17
Source: C. F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,763	–2.88% ▼	03 Apr 17
Brock Metal ZL5	2,789	–2.89% ▼	03 Apr 17

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Monthly averages: March

BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne	90.22	100.22
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne	150.00	160.56
Alumina		
Index fob Australia	335.12	
Copper		
US High-grade cathode premium indicator, \$/tonne	115.74	126.77
Nickel		
Free market in warehouse premium		
Europe \$/tonne		
Uncut cathodes	115.00	142.50
4x4 cathodes	227.50	270.00
Briquettes	150.00	185.00
US	0.19	0.26
Tin		
European free market		
Spot Premium 99.9%, \$/tonne	295.00	343.75
Spot premium 99.85%, \$/tonne	285.00	313.75
Kuala Lumpur (ex-smelter), \$/tonne	19,752.17	

MINOR METALS

Antimony		
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne	8,540.00	8,840.00
MMTA Standard grade II, \$/tonne	8,525.00	8,770.00
Bismuth		
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb	4.50	4.90
Cadmium		
MB free market min 99.95%, in warehouse, cents/lb	70.80	77.80
min 99.99%, in warehouse cents/lb	74.20	81.20
Cobalt		
MB free market High Grade, in warehouse, \$/lb	25.72	27.08
Low Grade, in warehouse, \$/lb	23.54	25.09
Germanium Dioxide		
MB free market min 99.99%, \$/kg	640.00	772.00
Rotterdam, \$/kg	970.00	1,080.00
Indium		
MB free market ingots, min 99.97%, in warehouse, \$/kg	190.00	230.00
Magnesium		
MB free market min 99.8%, \$/tonne	2,198.00	2,284.00
China free market min 99.8%, \$/tonne	2,252.00	2,294.00
Mercury		
MB free market min 99.99%, in warehouse, \$/flask	1,050.00	1,275.00
Selenium		
MB free market min 99.5% in warehouse, \$/lb	15.87	17.83

	<i>Low</i>	<i>High</i>
Silicon		
MB free market, €/tonne	1,900.00	2,000.00
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.28	4.65

ORES & ALLOYS

	<i>Low</i>	<i>High</i>
Molybdenum		
Free market in warehouse Europe drummed molybdc oxide \$/lb Mo	8.41	8.58
US canned molybdc oxide \$/lb Mo	8.36	8.56
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	20.50	21.01
Tungsten		
European free market APT, \$/mtu	208.80	216.40
Ferro-tungsten		
basis 75% W min, \$/kg	24.35	25.08
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	4.98	5.37
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	25.05	25.69
US Free market 70-80%, \$/lb	11.91	12.22

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,231.06
	Afternoon	1,231.09
London £/troy oz	Morning	997.79
	Afternoon	997.33
\$/troy oz	Handy/Harman	1,231.09
Palladium		
Morning \$/troy oz		775.04
Afternoon \$/troy oz		776.30
Platinum: per troy oz		
Morning \$/troy oz		964.35
Afternoon \$/troy oz		962.26
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	909.57	1,009.57
Silver		
London		
spot pence/troy oz	1,425.95	
spot cents/troy oz	1,758.78	
Handy/Harman cents/troy oz	1,761.96	

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24, £/tonne	1,552.00	1,608.00
LM6/LM25, £/tonne	1,740.00	1,800.00
Aluminium Europe €/tonne	1,840.00	1,894.00
Phosphor Bronze		
PB1 ex-works, £/tonne	6,875.00	
Zinc Alloy		
ZL3, £/tonne	2,845.00	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.23
\$/yen	112.90
\$/€	1.07

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Metal Bulletin monthly average prices are calculated on those price quotations formulated during the month.

LONDON METAL EXCHANGE

High, low and average March (23 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	March 2017 Low \$	High \$	March average \$
Aluminium (\$)			
Cash	1,700.50	1,954.75	1,901.11
3 months	1,688.25	1,959.75	1,910.70
Settlement	1,701.00	1,955.00	1,901.57
3 months seller	1,688.50	1,960.00	1,911.00
Copper Grade A (\$)			
Cash	5,500.25	6,144.50	5,821.09
3 months	5,517.00	6,155.50	5,840.17
Settlement	5,500.50	6,145.00	5,821.52
3 months seller	5,518.00	6,156.00	5,840.89
Copper Grade A (£)			
Settlement	4,477.78	4,954.94	4,712.85
3 months seller	4,482.17	4,922.04	4,717.64
Lead (\$)			
Cash	2,006.75	2,441.50	2,276.75
3 months	2,021.00	2,444.50	2,284.66
Settlement	2,007.00	2,442.00	2,277.30
3 months seller	2,022.00	2,445.00	2,285.46
Lead (£)			
Settlement	1,635.70	1,950.95	1,845.91
3 months seller	1,644.30	1,949.45	1,847.89
Nickel (\$)			
Cash	9,377.50	11,042.50	10,225.65
3 months	9,425.00	11,092.50	10,277.07
Settlement	9,380.00	11,045.00	10,230.43
3 months seller	9,430.00	11,095.00	10,282.61
Tin (\$)			
Cash	18,757.50	21,295.00	19,819.57
3 months	18,755.00	21,212.50	19,779.78
Settlement	18,760.00	21,300.00	19,831.52
3 months seller	18,760.00	21,225.00	19,791.74

	March 2017 Low \$	High \$	March average \$
Zinc (\$)			
Cash	2,529.50	2,970.50	2,781.33
3 months	2,554.50	2,958.25	2,797.42
Settlement	2,530.00	2,971.00	2,781.74
3 months seller	2,555.00	2,958.50	2,798.11
Cobalt (\$)			
Cash	32,750.00	55,000.00	52,772.83
3 months	32,750.00	55,000.00	52,783.70
Settlement	33,000.00	55,250.00	52,995.65
3 months seller	33,000.00	55,250.00	53,013.04
Molybdenum (\$)			
Cash	15,000.00	15,000.00	15,000.00
3 months	15,000.00	15,000.00	15,000.00
Settlement	15,250.00	15,250.00	15,250.00
3 months seller	15,250.00	15,250.00	15,250.00
Aluminium Alloy (\$)			
Cash	1,540.00	1,715.00	1,693.89
3 months	1,560.00	1,725.00	1,703.26
Settlement	1,545.00	1,720.00	1,698.70
3 months seller	1,565.00	1,730.00	1,708.26
Nasaa (\$)			
Cash	1,715.50	1,945.00	1,908.84
3 months	1,735.00	1,960.00	1,929.15
Settlement	1,716.00	1,950.00	1,911.39
3 months seller	1,740.00	1,965.00	1,933.52
Steel Billet (\$)			
Cash	312.50	312.50	312.50
3 months	312.50	312.50	312.50
Settlement	325.00	325.00	325.00
3 months seller	325.00	325.00	325.00

LME SETTLEMENT CONVERSION RATES

\$/£	1.23
\$/yen	112.97
\$/€	1.07