

Prices

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NEW YORK FUTURES

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	257	-4.09%	▼ 09 Mar 17
Open interest	264,449	-1.76%	▼ 08 Mar 17
Stocks (short ton)	132,718	4.73%	▲ 08 Mar 17
Comex: Gold \$/troy oz			
Settlement	1,202.40	-2.39%	▼ 09 Mar 17
Open interest	427,627	-3%	▼ 08 Mar 17
Stocks (troy oz)	8,893,764	-0.56%	▼ 08 Mar 17
Nymex: Palladium \$/troy oz			
Settlement	748.90	-2.65%	▼ 09 Mar 17
Stocks (troy oz)	59,732	-1%	▼ 08 Mar 17
Nymex: Platinum \$/troy oz			
Settlement	937.20	-5.32%	▼ 09 Mar 17
Stocks (troy oz)	227,625	-0.57%	▼ 08 Mar 17
Comex: Silver cents/troy oz			
Settlement	1,699.30	-4.02%	▼ 09 Mar 17
Open interest	191,422	-4.23%	▼ 08 Mar 17

SHANGHAI FUTURES

	Price	Change [†]	Assessed
Aluminium yuan/tonne	13,740	-2.07%	▼ 10 Mar 17
Copper yuan/tonne	46,300	-3.64%	▼ 10 Mar 17
Nickel cathode yuan/tonne	89,900	-0.55%	▼ 10 Mar 17
Tin ingot yuan/tonne	155,000	7%	▲ 10 Mar 17
Zinc yuan/tonne	21,940	-3.81%	▼ 10 Mar 17
Steel rebar month 1 yuan/tonne	3,632	-2.23%	▼ 10 Mar 17
Steel rebar month 2 yuan/tonne	3,572	-0.92%	▼ 10 Mar 17
Steel rebar month 3 yuan/tonne	3,404	-2.72%	▼ 10 Mar 17

Weekly stocks deliverable

Aluminium (tonnes)	268,824	21.61%	▲ 10 Mar 17
Copper (tonnes)	326,732	4.1%	▲ 10 Mar 17
Nickel cathode (tonnes)	90,198	1.36%	▲ 10 Mar 17
Tin ingot (tonnes)	2,201	-5.66%	▼ 10 Mar 17
Zinc (tonnes)	194,788	-2.13%	▼ 10 Mar 17
Steel rebar (tonnes)	8,272	-12.67%	▼ 10 Mar 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	1,884-1,884.5	-1.24%	▼ 10 Mar 17
Cash unofficial	1,854-1,856	-3.23%	▼ 09 Mar 17
3 months official	1,897-1,897.5	-0.81%	▼ 10 Mar 17
3 months unofficial	1,864-1,866	-3.12%	▼ 09 Mar 17
LME Tapo notional average price (NAP)	1,889.43	-2.18%	▼ 09 Mar 17
LME stocks (tonnes)	2,068,525	-4.28%	▼ 09 Mar 17
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,690-1,700	0.89%	▲ 10 Mar 17
LME cash unofficial	1,690-1,700	0.83%	▲ 09 Mar 17
LME 3 months official	1,700-1,710	0.89%	▲ 10 Mar 17
LME 3 months unofficial	1,700-1,710	0.89%	▲ 09 Mar 17
LME stocks (tonnes)	13,280	0%	09 Mar 17

Price Change Assessed

N. American special aluminium alloy

LME cash official	1,915-1,925	-1.29%	▼ 10 Mar 17
LME cash unofficial	1,930.5-1,940.5	-0.44%	▼ 09 Mar 17
LME 3 months official	1,935-1,945	-1.02%	▼ 10 Mar 17
LME 3 months unofficial	1,945-1,955	-0.51%	▼ 09 Mar 17
LME stocks (tonnes)	119,760	-0.03%	▼ 09 Mar 17

Copper grade A \$

LME cash official	5,714-5,714.5	-3.3%	▼ 10 Mar 17
LME cash unofficial	5,661-5,663	-4.67%	▼ 09 Mar 17
LME 3 months official	5,728-5,729	-3.19%	▼ 10 Mar 17
LME 3 months unofficial	5,678-5,680	-4.57%	▼ 09 Mar 17
LME Tapo notional average price (NAP)	5,863.43	-2.55%	▼ 09 Mar 17
LME stocks (tonnes)	325,500	65.71%	▲ 09 Mar 17

Lead \$

LME cash official	2,257-2,258	0.46%	▲ 10 Mar 17
LME cash unofficial	2,240.5-2,242.5	-0.22%	▼ 09 Mar 17
LME 3 months official	2,262-2,263	0.38%	▲ 10 Mar 17
LME 3 months unofficial	2,239-2,241	-0.53%	▼ 09 Mar 17
LME stocks (tonnes)	190,400	0.34%	▲ 09 Mar 17

Nickel \$

LME cash official	10,020-10,030	-7.94%	▼ 10 Mar 17
LME cash unofficial	10,095-10,105	-6.22%	▼ 09 Mar 17
LME 3 months official	10,060-10,070	-7.96%	▼ 10 Mar 17
LME 3 months unofficial	10,150-10,160	-6.19%	▼ 09 Mar 17
LME stocks (tonnes)	384,978	1.92%	▲ 09 Mar 17

Tin \$

LME cash official	19,275-19,300	-0.64%	▼ 10 Mar 17
LME cash unofficial	19,185-19,235	-0.47%	▼ 09 Mar 17
LME 3 months official	19,275-19,300	-0.77%	▼ 10 Mar 17
LME 3 months unofficial	19,175-19,225	-0.65%	▼ 09 Mar 17
LME stocks (tonnes)	4,765	-12.17%	▼ 09 Mar 17

Zinc special high grade \$

LME cash official	2,697-2,697.5	-3.51%	▼ 10 Mar 17
LME cash unofficial	2,658-2,660	-4.58%	▼ 09 Mar 17
LME 3 months official	2,712-2,713	-3.26%	▼ 10 Mar 17
LME 3 months unofficial	2,668-2,670	-4.47%	▼ 09 Mar 17
LME stocks (tonnes)	380,050	-0.78%	▼ 09 Mar 17

Cobalt min 99.3%

LME cash official	52,000-52,500	2.45%	▲ 10 Mar 17
LME 3 months official	52,000-52,500	2.45%	▲ 10 Mar 17
LME stocks (tonnes)	718	0%	09 Mar 17

Molybdenum \$

LME cash official	14,750-15,250	0%	10 Mar 17
LME 3 months official	14,750-15,250	0%	10 Mar 17
LME stocks (tonnes)	0	0%	09 Mar 17

Steel billet

LME cash official	300-325	0%	10 Mar 17
LME cash unofficial	300-325	0%	09 Mar 17
LME 3 months official	300-325	0%	10 Mar 17
LME 3 months unofficial	300-325	0%	09 Mar 17
LME stocks (tonnes)	0	0%	09 Mar 17

[†] week-on-week change

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Gold \$/troy oz	Price	Change	Assessed
London morning	1,196.55	-2.62%	▼ 10 Mar17
London afternoon	1,202.65	-1.94%	▼ 10 Mar17
Handy/Harman	1,206.55	-2.55%	▼ 09 Mar17
Silver per troy oz			
London spot pence	1,391.04	-3.69%	▼ 10 Mar17
London spot cents	1,689	-4.36%	▼ 10 Mar17
Handy/Harman	1,710	-5.16%	▼ 09 Mar17
Palladium \$/troy oz			
London morning	759	-2.19%	▼ 09 Mar17
London afternoon	754	-2.58%	▼ 09 Mar17
Platinum \$/troy oz			
London morning	948	-6.23%	▼ 09 Mar17
London afternoon	944	-5.69%	▼ 09 Mar17
Kuala Lumpur tin market			
Tin \$/tonne	19,250	-1.28%	▼ 10 Mar17
ICDX			
Tin PB300 settlement price \$/tonne	19,480	0.15%	▲ 10 Mar17
Tin PB300 volume, tonnes	44	76%	▲ 10 Mar17

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change [†]	Assessed
Copper	75,929.70	-2.32%	▼ 10 Mar17
Aluminium	25,039.73	-0.28%	▼ 10 Mar17
Lead	30,002.5	1.49%	▲ 10 Mar17
Zinc	35,842.22	-2.54%	▼ 10 Mar17
Nickel	133,270.62	-7.04%	▼ 10 Mar17
Tin	256,442.96	0.37%	▲ 10 Mar17

EXCHANGE RATES

	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.2155	-0.62%	▼ 10 Mar17
\$/¥	115.4300	0.91%	▲ 10 Mar17
\$/€	1.0603	0.43%	▲ 10 Mar17
Closing rates, midpoint			
\$/£	1.2151	-1.07%	▼ 09 Mar17
\$/¥	114.8350	0.38%	▲ 09 Mar17
\$/€	1.0581	0.51%	▲ 09 Mar17
£/€	1.1483	-1.59%	▼ 09 Mar17
\$/CNY	6.9100	0.4%	▲ 09 Mar17

BASE METALS ARBITRAGE

	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-374.51*	-0.98%	▼ 10 Mar17
Import arbitrage, RMB/tonne	-2,594.85*	-0.76%	▼ 10 Mar17
Copper			
Import arbitrage, \$/tonne	-67.21*	-36.25%	▼ 10 Mar17
Import arbitrage, RMB/tonne	-465.68*	-36.11%	▼ 10 Mar17
Nickel			
Import arbitrage, \$/tonne	-46.63*	-71.8%	▼ 10 Mar17
Import arbitrage, RMB/tonne	-323.09*	-71.74%	▼ 10 Mar17
Zinc			
Import arbitrage, \$/tonne	-194.47*	0.63%	▲ 10 Mar17
Import arbitrage, RMB/tonne	-1,347.42*	0.86%	▲ 10 Mar17

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*	6.25%	▲ 07 Mar17
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-20.0*	0%	07 Mar17
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0-55.0*	-2.44%	▼ 07 Mar17
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	50*	-4.76%	▼ 07 Mar17
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	40.0-55.0*	-20.83%	▼ 07 Mar17
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	47*	-20.34%	▼ 07 Mar17
Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-15.0*	0%	07 Mar17
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	40.0-50.0*	-5.26%	▼ 10 Mar17
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	45*	-6.25%	▼ 10 Mar17
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	30.0-45.0*	-21.05%	▼ 10 Mar17
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	38*	-17.39%	▼ 10 Mar17
MB free market US: High-grade cathode premium indicator, \$/tonne	115.7-126.8*	7.32%	▲ 07 Mar17
Aluminium			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	90.0-100.0*	0%	10 Mar17
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	97*	2.11%	▲ 10 Mar17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	100-110*	0%	07 Mar17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	106*	0%	07 Mar17
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0-25.0*	0%	07 Mar17
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	90.0-100.0*	0%	07 Mar17
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	95*	2.15%	▲ 07 Mar17
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	100.0-120.0*	0%	07 Mar17
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	110*	0%	07 Mar17
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,780*	0.28%	▲ 08 Mar17
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	95.0-95.0*	26.67%	▲ 01 Jan 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	150.0-160.0*	-1.59%	▼ 10 Mar17
Aluminium P1020A, in-warehouse Rotterdam duty-paid, for delivery three months forward, \$/tonne	150.0-160.0*	-1.59%	▼ 10 Mar17
Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne	300.0-315.0*	-2.38%	▼ 03 Mar17
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.098-0.100*	0%	07 Mar17
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	250.0-280.0*	3.92%	▲ 07 Mar17
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	160.0-200.0*	0%	07 Mar17

† week-on-week change

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	Price	Change	Assessed
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	280.0–340.0*	10.71% ▲	17 Feb 17
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0–15.0*	0%	07 Mar 17
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0–20.0*	0%	07 Mar 17
USA lead premium 99.97%, delivered domestic, \$/lb	0.09–0.10*	0%	07 Mar 17
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	150.0–170.0*	6.67% ▲	07 Mar 17
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	160*	3.23% ▲	07 Mar 17
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	150.0–170.0*	6.67% ▲	07 Mar 17
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	160*	3.23% ▲	07 Mar 17
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	40–80*	0%	07 Mar 17
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	5–15*	0%	07 Mar 17
uncut cathodes premium indicator	100.0–120.0*	0%	07 Mar 17
4x4 cathodes premium indicator	220.0–240.0*	0%	07 Mar 17
briquettes premium indicator	150.0–180.0*	0%	07 Mar 17
US: melting premium indicator, \$/lb	0.180–0.250*	0%	07 Mar 17
Tin			
MB European free market			
Spot premium 99.9%, \$/tonne	280–325*	–2.42% ▼	07 Mar 17
Spot premium 99.85%, \$/tonne	270–300*	–1.72% ▼	07 Mar 17
United States New York spot, cents/lb	899–900	–0.66% ▼	09 Mar 17
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	70.0–90.0*	0%	07 Mar 17
MB EU: Special high grade, fca Rotterdam, \$/tonne	135.0–145.0*	0%	07 Mar 17
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	85.0–95.0*	0%	07 Mar 17
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$ per tonne	85.0–95.0*	0%	07 Mar 17
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	90*	0%	07 Mar 17
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	110.0–120.0*	0%	07 Mar 17
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	117*	0.86% ▲	07 Mar 17
MB US: Special high grade, \$/lb	0.075–0.085*	3.23% ▲	07 Mar 17

BASE METALS			
	Price	Change*	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne	2,800.0–2,900.0*	–2.4% ▼	09 Mar 17
Alumina Index fob Australia	340.47*	–2.03% ▼	09 Mar 17
Alumina Index fob Brazil	–5.36*		02 Mar 17
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	342.17*		02 Mar 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):	5,558.3–5,588.1	–4.45% ▼	08 Mar 17
cathodes:	5,460.0–5,600.0	–4.16% ▼	08 Mar 17
South Africa: Palabora copper rod 7.90mm, Rand/tonne	89,414.750	0.71% ▲	01 Mar 17
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.04–8.04*	–1.83% ▼	28 Feb 17
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	80.40–80.40*	–1.83% ▼	28 Feb 17
Shanghai bonded copper stocks, tonnes	575,000–580,000*	14.93% ▲	27 Feb 17
Nickel			
Nickel pig iron high grade NPI content 10–15% contract price delivered duty paid China RMB per nickel unit price	910–940*	0%	07 Mar 17
Nickel pig iron high grade NPI content 10–15% spot price China RMB per nickel unit price	920–940*	0.54% ▲	07 Mar 17
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	47–49*	4.35% ▲	07 Mar 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%	07 Mar 17
Lead			
Germany: (VDM) virgin soft, €/tonne	2,290–2,320	–2.54% ▼	08 Mar 17
European automotive battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Soft lead (average)	155.81*	0.17% ▲	02 Feb 17
Ca/Ca grid grid lead (average)	455.66*	7.66% ▲	02 Feb 17
Connector lead (average)	597.16*	9.81% ▲	02 Feb 17
European industrial battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Stand-by refined or soft lead (average)	279.55*	7.25% ▲	02 Feb 17
Traction refined or soft lead (average)	279.86	5.41% ▲	02 Feb 17
For an explanation of these premiums, see http://www.eurobat.org/statistics			
Zinc			
Germany: (VDM) virgin, €/tonne	2,750–2,750	–5.17% ▼	08 Mar 17
UK: Special high grade, delivered monthly average price £/tonne	2,461*	2.76% ▲	01 Mar 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	710–810*	1.33% ▲	10 Mar 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	755	1.34% ▲	10 Mar 17
Engelhard base price: \$/troy oz	750	0%	10 Mar 17
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	745–754*	–2.66% ▼	10 Mar 17
Engelhard base price: \$/troy oz	750	–3.1% ▼	10 Mar 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	751	–2.72% ▼	10 Mar 17
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	936–944*	–5.34% ▼	10 Mar 17
Engelhard base price: \$/troy oz	936	–5.65% ▼	10 Mar 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	942	–4.94% ▼	10 Mar 17
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	885–985*	1.08% ▲	10 Mar 17
Engelhard base price: \$/troy oz	920	–1.6% ▼	10 Mar 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	930	1.09% ▲	10 Mar 17
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	32–42*	0%	10 Mar 17
Engelhard base price: \$/troy oz	42	0%	10 Mar 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	40	0%	10 Mar 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	8,500–8,800*	0%	10 Mar 17
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,500–8,750*	1.47% ▲	10 Mar 17
MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne	57,000–58,000*	2.22% ▲	08 Mar 17
Arsenic			
MB free market \$/lb	0.90–1.25*	0%	03 Mar 17
Bismuth			
MB free market \$/lb	4.5–4.90*	0%	10 Mar 17
MB China domestic, min 99.99%, RMB/tonne	71,000–73,000*	–1.03% ▼	10 Mar 17
Cadmium			
MB free market min 99.95% cents/lb	70–77*	0%	10 Mar 17
MB free market min 99.99% cents/lb	73–80*	0%	10 Mar 17
Chromium			
MB free market alumino-thermic min 99% \$/tonne	7,800–8,100*	0%	10 Mar 17
Cobalt			
MB free market high-grade \$/lb	25–26.75*	2.99% ▲	10 Mar 17
MB free market low-grade \$/lb	23–24.75*	0.63% ▲	10 Mar 17
MB high-grade, weighted average of all confirmed international trades, \$/lb	26.33*	5.96% ▲	10 Mar 17
MB low-grade, weighted average of all confirmed international trades, \$/lb	23.64*	–0.92% ▼	10 Mar 17
MB China domestic, min 99.8% RMB/tonne	400,000–430,000*	0%	10 Mar 17
Cobalt tetroxide min 72.6% Co delivered China RMB/tonne	400,000–410,000*	4.52% ▲	10 Mar 17

	Price	Change	Assessed
Gallium			
MB free market \$/kg	140–160*	0%	10 Mar 17
MB China domestic, min 99.99%, RMB/kg	810–850*	–1.78% ▼	08 Mar 17
Germanium			
Germanium dioxide MB free market \$/kg	640–780*	2.9% ▲	10 Mar 17
Germanium metal \$/kg Rotterdam	970–1,080*	0%	10 Mar 17
Germanium metal MB China domestic, min 99.999%, RMB/kg	7,300–7,800*	0%	08 Mar 17
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950–1,050*	0%	03 Mar 17
Indium			
MB free market \$/kg	190–230*	0%	10 Mar 17
MB China domestic, min 99.99% RMB/kg	1,270–1,340*	–1.51% ▼	08 Mar 17
Indium Corp ingots min 99.97% \$/kg fob	440	–40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,180–2,250*	0%	10 Mar 17
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,300–2,330*	4.04% ▲	08 Mar 17
MB Chinese free market min 99% Mg, ex-works RMB/tonne	15,100–15,400*	2.35% ▲	08 Mar 17
Manganese flake			
MB free market \$/tonne	1,975–2,050*	0%	10 Mar 17
Mercury			
MB free market \$ per flask	1,050–1,275*	0%	03 Mar 17
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	770–900*	0%	03 Mar 17
APR catalytic grade \$/kg Re	1,700–1,850*	0%	03 Mar 17
Selenium			
MB free market \$/lb	15–17*	4.92% ▲	10 Mar 17
MB China domestic, min 99.9%, RMB/kg	280–300*	–3.33% ▼	10 Mar 17
Selenium dioxide, MB China domestic, min 98%, RMB/kg	210–230*	–2.22% ▼	10 Mar 17
Silicon			
MB free market €/tonne	1,900–2,000*	0%	10 Mar 17
US free market cents/lb	102–102*	–0.36% ▼	28 Feb 17
Export from mainland China min 98.5%, \$/tonne fob	1,510–1,540*	0%	08 Mar 17
Tellurium			
MB free market \$/kg	30–40*	0%	10 Mar 17
MB China domestic, min 99.99%, RMB/kg	360–380*	–3.9% ▼	10 Mar 17
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.20–4.65*	2.91% ▲	08 Mar 17
Titanium ores \$/tonne			
Rutile conc min 95% TiO ₂ bagged, fob/Aus	770–850	0%	09 Mar 17
Rutile bulk conc min 95% TiO ₂ fob/Aus	710–770	0%	09 Mar 17
Ilmenite bulk conc min 54% TiO ₂ fob/Aus	100–110	0%	09 Mar 17

† week-on-week change

continued >>

NOBLE ALLOYS & ORES			
	Price	Change†	Assessed
Molybdenum molybdc oxide			
Europe drummed molybdc oxide \$/lb Mo	8.10–8.40*	5.1%	▲ 10 Mar 17
US canned molybdc oxide \$/lb Mo	8–8.20*	1.25%	▲ 09 Mar 17
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	19.60–20.80*	4.26%	▲ 10 Mar 17
US free market 65–70% Mo \$/lb in-warehouse Pittsburgh	9.25–9.60*	0.53%	▲ 09 Mar 17
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,110–1,130*	3.7%	▲ 08 Mar 17
Tungsten			
European free market APT \$/mtu	212–217*	0.47%	▲ 10 Mar 17
Export from mainland China APT Chinese No1 grade, min 88.5% W03, \$/mtu fob	204–210*	–0.48%	▼ 08 Mar 17
MB Chinese free market concentrate 65% W03 in-warehouse China RMB/tonne	76,000–78,000*	–0.65%	▼ 08 Mar 17
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty unpaid	24.5–25.20*	1.02%	▲ 10 Mar 17
China export min 75% \$/kg W, fob China	25.80–26*	0%	08 Mar 17
Vanadium			
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	25–25.5*	–0.39%	▼ 10 Mar 17
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	12–12.30*	–0.82%	▼ 09 Mar 17
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V2O5	4.95–5.30*	0%	10 Mar 17
Zircon			
Foundry grade bulk \$/tonne fob Australia	950–1,000	0%	09 Mar 17
Premium bulk \$/tonne fob Australia	1,000–1,050	0%	09 Mar 17
BULK ALLOYS			
	Price	Change†	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	1.14*	0.88%	▲ 10 Mar 17
Spot 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	9,700–10,300*	4.17%	▲ 10 Mar 17
Contract 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	9,300–9,595*	0%	10 Mar 17
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.65*	50%	▲ 16 Dec 16
6–8% C basis 60% Cr max 1.5% Si	1.27–1.42*	0.75%	▲ 10 Mar 17
0.10% C average 60–70% Cr	2.18–2.25*	3.02%	▲ 10 Mar 17
European low carbon in-warehouse 0.06% C max – 65% Cr	2.21–2.27*	2.99%	▲ 10 Mar 17
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.40–1.55*	0%	10 Mar 17
Japan import 8–9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome	1.15–1.19*	0.43%	▲ 09 Mar 17
South Korea import 8–9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome	1.09–1.12*	0%	09 Mar 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	1.400–1.480*	1.41%	▲ 09 Mar 17
0.05% C – 65% min Cr	2.15–2.20*	0%	09 Mar 17
0.10% C – 62% min Cr	2–2.10*	0%	09 Mar 17
0.15% C – 60% min Cr	1.95–1.99*	0%	09 Mar 17

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, basis 42%	370–390*	0%	03 Mar 17
Turkish lumpy 40–42% cfr main Chinese ports	375–405*	–2.5%	▼ 10 Mar 17
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,150–1,275*	–4.9%	▼ 10 Mar 17
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,400–1,475*	0.17%	▲ 09 Mar 17
US free market medium carbon duty paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.08–1.14*	0%	09 Mar 17
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China RMB/tonne	5,200–5,500*	0%	10 Mar 17
Manganese ore			
44% Mn, cif Tianjin \$/dmu of metal contained	4.04*	–0.74%	▼ 10 Mar 17
37% Mn, fob Port Elizabeth \$/dmu of metal contained	2.23*	–5.11%	▼ 10 Mar 17
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,120–1,200*	0%	10 Mar 17
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si – imported	0.78–0.80*	0%	09 Mar 17
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,070–1,100*	0%	10 Mar 17
MB Chinese free market min 75% Si, in-warehouse China, RMB/tonne	5,200–5,300*	2.94%	▲ 10 Mar 17
Silico-manganese			
Lumpy basis 65–75% Mn basis 15–19% Si (scale pro rata) €/tonne	1,000–1,100*	–6.67%	▼ 10 Mar 17
US free market \$/lb in-warehouse Pittsburgh	0.66–0.68*	–0.74%	▼ 09 Mar 17
MB Chinese free market min 65% Mn max 17% Si in-warehouse China RMB/tonne	5,400–5,800*	0.9%	▲ 10 Mar 17
65% min Mn 16% min Si \$/tonne fob India	920–960*	–1.05%	▼ 10 Mar 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	440–455*	0%	08 Mar 17
Wire rod (mesh quality)	455–470*	0%	08 Mar 17
Plate (8–40mm)	525–550*	0%	08 Mar 17
Hot rolled coil	520–530*	0.96% ▲	08 Mar 17
Cold rolled coil	630–640*	0.79% ▲	08 Mar 17
Hot-dip galvanized coil	650–700*	0%	08 Mar 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	400–415*	0%	08 Mar 17
Wire rod (mesh quality)	420–425*	0%	08 Mar 17
Plate (8–40mm)	510–525*	0%	08 Mar 17
Hot rolled coil	505–530*	-0.48% ▼	08 Mar 17
Cold rolled coil	620–630*	2.04% ▲	08 Mar 17
Hot-dip galvanized coil	650–670*	0.76% ▲	08 Mar 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	415–420*	3.73% ▲	08 Mar 17
Wire rod (mesh quality)	435–445*	3.53% ▲	08 Mar 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	460–480*	0%	08 Mar 17
Wire rod (mesh quality)	470–480*	0%	08 Mar 17
Sections (medium)	610–650*	0.8% ▲	08 Mar 17
Beams	520–550*	0%	08 Mar 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	420–450*	6.1% ▲	08 Mar 17
Wire rod (mesh quality)	425–455*	1.15% ▲	08 Mar 17
Sections (medium)	600–640*	0%	08 Mar 17
Beams	545–550*	0%	08 Mar 17
Central Europe domestic € per tonne ex-works			
Hot rolled coil	550–560*	-0.89% ▼	08 Mar 17
Poland domestic zloty per tonne ex-works			
Rebar	1,940–1,980*	-0.25% ▼	10 Mar 17
Northern Europe € per tonne ex-works			
Plate (8–40mm)	570–610*	-0.84% ▼	08 Mar 17
Hot rolled coil	560–580*	0%	08 Mar 17
Cold rolled coil	650–675*	-1.12% ▼	08 Mar 17
Hot-dip galvanized coil	690–720*	0.71% ▲	08 Mar 17
Southern Europe € per tonne ex-works			
Plate (8–40mm)	520–550*	0.94% ▲	08 Mar 17
Hot rolled coil	530–540*	-0.93% ▼	08 Mar 17
Cold rolled coil	640–650*	0%	08 Mar 17
Hot-dip galvanized coil	680–700*	1.47% ▲	08 Mar 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	435–445*	2.92% ▲	08 Mar 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	395–405*	1.91% ▲	06 Mar 17
Slab	425–430*	1.18% ▲	06 Mar 17
Rebar	420–430*	-1.16% ▼	06 Mar 17
Wire rod (mesh)	445–450*	0.56% ▲	06 Mar 17
Heavy plate (10–50mm)	510–515*	0%	06 Mar 17
Hot rolled coil	495–500*	2.58% ▲	06 Mar 17
Cold rolled coil	555–560*	0%	06 Mar 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	32,000–35,000*	0%	06 Mar 17
Hot rolled sheet	41,100–41,300*	0%	06 Mar 17
Cold rolled sheet	49,200–49,800*	0%	06 Mar 17
Plate	38,700–38,750*	0.52% ▲	06 Mar 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	425–430*	1.18% ▲	09 Mar 17
Rebar	445–450*	3.47% ▲	09 Mar 17
Wire rod (mesh quality)	480–490*	6.59% ▲	09 Mar 17
Merchant bars	490–500*	8.79% ▲	09 Mar 17
Structural pipe	560–570*	11.88% ▲	08 Mar 17
Hot rolled coil	520–530*	0%	10 Mar 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	425–435*	1.78% ▲	09 Mar 17
Rebar	440–450*	2.89% ▲	09 Mar 17
Wire rod (mesh quality)	468–495*	3.33% ▲	09 Mar 17
Hot rolled coil	535–545*	-0.74% ▼	10 Mar 17
Cold rolled coil	640–650*	0%	10 Mar 17
Hot dip galvanized	750–751*	0%	10 Mar 17
Prepainted galvanized	810–860*	0%	10 Mar 17
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	415–425*	1.82% ▲	09 Mar 17
Hot rolled coil	505–510*	2.01% ▲	10 Mar 17
Cold rolled coil	575–580*	0%	10 Mar 17
UAE imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	410–415*	4.7% ▲	07 Mar 17
Rebar	445–450*	2.29% ▲	07 Mar 17
Hot rolled coil	530–545*	4.37% ▲	07 Mar 17
Cold rolled coil	630–650*	0%	07 Mar 17
Hot dip galvanized coil	700–730*	0.7% ▲	07 Mar 17
Saudi Arabia imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Rebar	455–460*	3.39% ▲	07 Mar 17
Hot rolled coil	530–570*	-0.45% ▼	07 Mar 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	1,775–1,789*	5.76% ▲	07 Mar 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	565–566*	–0.44% ▼	08 Mar 17
Hot rolled coil	450–480*	–4.62% ▼	08 Mar 17
Hot dip galvanized coil	789–790*	0%	08 Mar 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	9,605–9,650*	12.6% ▲	09 Mar 17
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	415–430*	3.68% ▲	09 Mar 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	410–420*	7.79% ▲	10 Mar 17
Slab	420–425*	3.68% ▲	10 Mar 17
Rebar	440–450*	7.23% ▲	10 Mar 17
Wire rod mesh quality	440–450*	7.23% ▲	10 Mar 17
Heavy plate over 10mm	500–510*	0%	10 Mar 17
Hot rolled coil (dry)	490–500*	0%	10 Mar 17
Cold rolled coil	590–600*	–2.86% ▼	10 Mar 17
Galvanized coil	705–710*	0%	10 Mar 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	520–530*	1.94% ▲	10 Mar 17
Hot rolled coil	540–560*	0.92% ▲	10 Mar 17
Cold rolled coil	630–640*	0.4% ▲	10 Mar 17
Galvanized coil	670–680*	0.37% ▲	10 Mar 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	670–685*	0.37% ▲	10 Mar 17
Cold rolled coil	800–815*	0.31% ▲	10 Mar 17
Galvanized coil	1,065–1,150*	0%	10 Mar 17
Rebar	840–850*	4.32% ▲	10 Mar 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	3,500–3,740*	0%	10 Mar 17
Cold rolled coil	3,870–3,990*	0%	10 Mar 17
Hot dip galvanized coil	4,050–4,215*	0%	10 Mar 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%	10 Mar 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	454–454*	0%	01 Mar 17
Merchant bars	560–580*	0%	24 Feb 17
Wire rod (low carbon)	454–467*	1.43% ▲	08 Mar 17
Medium sections	600–620*	0%	23 Feb 17
Medium plate	560–570*	0%	08 Mar 17
Hot rolled coil (commodity)	600–620*	6.09% ▲	08 Mar 17
Cold rolled coil	720–740*	4.29% ▲	08 Mar 17
Hot dipped galvanized 0.012–0.015, G30	890–925*	0.83% ▲	08 Mar 17
ERW linepipe (X42)	840–840*	2.44% ▲	28 Feb 17
OCTG API5CT – casing J55	950–950*	10.47% ▲	28 Feb 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)	530–550*	0%	01 Mar 17
Wire rod (mesh quality fob mill)	510–530*	0%	08 Mar 17
Plate (fob mill)	705–705*	2.17% ▲	03 Mar 17
Hot rolled sheet (fob mill)	645–645*	2.38% ▲	09 Mar 17
Cold rolled sheet (fob mill)	855–855*	1.79% ▲	09 Mar 17
Hot-dip galvanized (base) Midwest (fob mill)	855–855*	1.79% ▲	09 Mar 17
ERW linepipe (X42) (fob mill)	990–990*	2.06% ▲	28 Feb 17
OCTG API5CT – casing J55 (fob mill)	1,080–1,080*	2.86% ▲	28 Feb 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%	24 Feb 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	480–485*	0.52% ▲	10 Mar 17
Wire rod (mesh quality)	480–485*	–0.52% ▼	10 Mar 17
Heavy plate	490–495*	–1.01% ▼	10 Mar 17
Hot rolled coil	500–505*	–1.95% ▼	10 Mar 17
Cold rolled coil	575–585*	–2.93% ▼	10 Mar 17
Galvanized coil 1mm	635–640*	–0.39% ▼	10 Mar 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	3,600–3,670*	–1.76% ▼	10 Mar 17
Wire rod (mesh)	3,550–3,570*	–2.2% ▼	10 Mar 17
Sections	3,470–3,490*	–4.26% ▼	10 Mar 17
Plate	3,680–3,730*	–1.85% ▼	10 Mar 17
Hot rolled coil (min 2mm)	3,570–3,620*	–3.36% ▼	10 Mar 17
Cold rolled coil (0.5 – 2 mm)	4,380–4,430*	–5.78% ▼	10 Mar 17
Hot-dip galvanized coil	5,030–5,060*	–0.79% ▼	10 Mar 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	3,140–3,140*	–1.88% ▼	10 Mar 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	3,570–3,600*	–2.45% ▼	10 Mar 17
Rebar	3,600–3,630*	–1.36% ▼	10 Mar 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	4,020–4,070*	0.62% ▲	10 Mar 17
Wire rod (mesh)	3,630–3,660*	-1.75% ▼	10 Mar 17
Sections	3,660–3,680*	-1.61% ▼	10 Mar 17
Plate	3,700–3,750*	-0.93% ▼	10 Mar 17
Hot rolled coil (min 2mm)	3,700–3,750*	-1.97% ▼	10 Mar 17
Cold rolled coil (0.5 – 2 mm)	4,550–4,570*	-4.4% ▼	10 Mar 17
Hot-dip galvanized coil	5,070–5,120*	-0.59% ▼	10 Mar 17
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel & per tonne cfr</i>			
Billet	430–450*	0%	06 Mar 17
Slab (Asia/East Asia)	430–450*	0%	06 Mar 17
Hot rolled coil (Vietnam)	503–515*	0.3% ▲	06 Mar 17
Rebar (Singapore)	440–450*	0.56% ▲	06 Mar 17
Wire rod (low carbon)	490–500*	1.54% ▲	06 Mar 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	400–405*	-3.01% ▼	10 Mar 17
Plate (12–40mm)	495–505*	-1.48% ▼	10 Mar 17
Hot rolled coil (commodity)	495–505*	0%	10 Mar 17
Hot-dip galvanized coil	700–715*	0%	10 Mar 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)	520–530*	-0.47% ▼	10 Mar 17
Hot rolled coil (commodity)	530–535*	-1.39% ▼	10 Mar 17
Hot rolled coil (CR grade)	530–545*	-0.46% ▼	10 Mar 17
Cold rolled	610–620*	-1.2% ▼	10 Mar 17
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	25,700–26,200*	1.96% ▲	10 Mar 17
Heavy plate	36,000–36,500*	0%	10 Mar 17
Hot rolled coil	37,500–38,000*	0%	10 Mar 17
Cold rolled coil	41,500–42,000*	0%	10 Mar 17
DRI	17,400–17,700*	2.63% ▲	10 Mar 17
Hot-dip galvanized coil	46,000–46,500*	0%	10 Mar 17
Rebar	26,700–27,200*	1.13% ▲	10 Mar 17

STEELBENCHMARKER™ PRICES

	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	796	1.02% ▲	27 Feb 17
Standard plate (\$/short ton)	722	0.98% ▲	27 Feb 17
Hot rolled coil (\$/metric tonne)	673	-1.17% ▼	27 Feb 17
Hot rolled coil (\$/short ton)	611	-1.13% ▼	27 Feb 17
Cold rolled coil (\$/metric tonne)	889	0.68% ▲	27 Feb 17
Cold rolled coil (\$/short ton)	806	0.62% ▲	27 Feb 17
Region: Mainland China			
Rebar	462	9.48% ▲	27 Feb 17
Standard plate	464	4.98% ▲	27 Feb 17
Hot rolled coil	474	1.5% ▲	27 Feb 17
Cold rolled coil	591	0.68% ▲	27 Feb 17
Region: World export market			
Hot rolled coil (\$/metric tonne)	527	2.13% ▲	27 Feb 17

STAINLESS STEEL			
	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,200–2,230*	-1.12% ▼	10 Mar 17
Grade 304 HR sheet	2,050–2,100*	-1.43% ▼	10 Mar 17
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	15,800–16,300*	-3.6% ▼	10 Mar 17
Grade 430 2mm CR coil	9,250–9,300*	-0.8% ▼	10 Mar 17
EU export			
€/tonne fob N. European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,506–2,569*	0%	10 Mar 17
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N. Europe Base price	1,130–1,165*	0%	10 Mar 17
Alloy surcharge	1,376–1,404*	0%	10 Mar 17
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,465–1,485*	0.68% ▲	10 Mar 17
Alloy surcharge	1,866–1,926*	0%	10 Mar 17
304 stainless steel bright bar, €/tonne			
Base price	970–1,000*	0%	10 Mar 17
Alloy surcharge	1,650–1,788*	0%	10 Mar 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*	0%	09 Mar 17
Grade 316 coiled plate	140–140*	0.72% ▲	09 Mar 17
Grade 304 cold rolled sheet	126–126*	0%	09 Mar 17
Grade 316L cold rolled sheet	162–162*	0.62% ▲	09 Mar 17
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,323.07*	1.91% ▲	06 Mar 17

CHINA IRON ORE

cfr main China port \$ per dry metric tonne

	Price	Change [†]	Assessed
Iron ore index (62% Fe)	86.72*	-5.04% ▼	10 Mar 17
Iron ore pellet index cfr Qingdao (65% Fe)	109.05*	-5.35% ▼	10 Mar 17
Iron ore concentrate index cfr Qingdao (66% Fe)	106.12*	-3.25% ▼	10 Mar 17
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.41*	8.46% ▲	01 Mar 17

IRAN IRON ORE

cfr China US \$ per tonne

	Price	Change [†]	Assessed
Iron ore fines index (60% Fe)	83.92–83.92*	-2.25% ▼	08 Mar 17

COKING COAL

\$ per metric tonne

	Price	Change [†]	Assessed
Premium hard coking coal cfr China	166.96–166.96*	-1.1% ▼	10 Mar 17
Hard coking coal cfr China	158.54–158.54*	-1.1% ▼	10 Mar 17
Premium hard coking coal fob Australia	157.13–157.13*	-1.93% ▼	10 Mar 17
Hard coking coal fob Australia	150.51–150.51*	0.29% ▲	10 Mar 17
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,410–1,590*	1.01% ▲	10 Mar 17
65% CSR coke \$/tonne fob Tianjin	250–265*	0.98% ▲	07 Mar 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	165–175*	30.77% ▲	10 Mar 17
1&2 old steel	140–150*	38.1% ▲	10 Mar 17
12A/C new production heavy and shovellable steel	162–172*	31.5% ▲	10 Mar 17
12D new production heavy and shovellable steel	167–177*	30.3% ▲	10 Mar 17
Bales and cuttings			
4A new steel bales	169–179*	29.85% ▲	10 Mar 17
4C new steel bales	164–174*	31.01% ▲	10 Mar 17
8A new loose light cuttings	159–169*	32.26% ▲	10 Mar 17
8B new loose light cuttings	144–154*	36.7% ▲	10 Mar 17
Turnings			
UK inter-merchant 7B heavy steel turnings	110–120*	53.33% ▲	10 Mar 17
Cast iron			
9A/10 heavy and light cast iron	140–150*	38.1% ▲	10 Mar 17
9B/C cylinder block scrap	160–170*	32% ▲	10 Mar 17
11A cast iron borings	100–120*	57.14% ▲	10 Mar 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*	3.12% ▲	10 Mar 17
UK ferrous scrap export			
<i>MB assessment \$/tonne cfr main UK port</i>			
HMS 1&2 (80:20 mix)	278–280*	4.1% ▲	10 Mar 17
Shredded	283–285*	4.03% ▲	10 Mar 17
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	310.96*	2.57% ▲	10 Mar 17
HMS 1&2 (80:20 mix)	280–285*	4.63% ▲	10 Mar 17
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	940–980*	-1.54% ▼	10 Mar 17
18/8 turnings	800–835*	-1.51% ▼	10 Mar 17
12–13% Cr solids	200–230*	-2.27% ▼	10 Mar 17
16–17% Cr solids	230–260*	-2% ▼	10 Mar 17
Cif Europe stainless € per tonne			
18/8 solids	1,160–1,180*	-0.85% ▼	10 Mar 17
18/8 turnings	1,050–1,060*	-0.71% ▼	10 Mar 17
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	261.21*	0.95% ▲	03 Mar 17
HMS 1&2 (70:30 mix)	274–276*	7% ▲	10 Mar 17
Shredded	280–282*	5.24% ▲	10 Mar 17
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	293.69*	5.23% ▲	10 Mar 17
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	302.32*	4.28% ▲	10 Mar 17
HMS 1&2 (75:25 mix)	291–293*	6.57% ▲	10 Mar 17
Shredded	307–309*	6.76% ▲	10 Mar 17

	Price	Change	Assessed
Turkish domestic			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	250–275*	7.14% ▲	06 Mar 17
Auto bundle scrap (Turkish lira/tonne)	850–995*	1.37% ▲	06 Mar 17
USA export			
<i>AMM ferrous scrap export index \$/tonne East Coast job New York</i>			
HMS 1&2 (80:20)	285*	7.55% ▲	08 Mar 17
Shredded	290*	7.41% ▲	08 Mar 17
USA domestic			
<i>AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	259.42*	-9.01% ▼	10 Feb 17
No1 busheling	305.65*	-2.53% ▼	10 Feb 17
Shredded	282.10*	-7.65% ▼	10 Feb 17
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	1,730–1,900*	-1.63% ▼	10 Mar 17
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	278–284*	2.18% ▲	10 Mar 17
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	208.5	-7.33% ▼	01 Feb 17
No E1 (old steel scrap)	194.80	-7.59% ▼	01 Feb 17
No E3 (old thick steel scrap)	211.10	-6.96% ▼	01 Feb 17
No E40 (shredded steel scrap)	212.5	-9.8% ▼	01 Feb 17
No E5 (steel turnings)	167.80	-9.05% ▼	01 Feb 17
<i>MB assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	220–240	-9.8% ▼	22 Feb 17
No E8 (thin new production steel scrap)	215–230	-11.88% ▼	22 Feb 17
No E3 (old thick scrap)	205–230	-10.31% ▼	22 Feb 17
Italy domestic			
<i>MB assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	210	-9.28% ▼	22 Feb 17
No E8 (thin new production steel)	220	-8.82% ▼	22 Feb 17

SCRAP SUBSTITUTES

	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	350–365*	6.72% ▲	09 Mar 17
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	200–220*	0%	10 Mar 17
Pig iron fob Vitoria/Rio	320–325*	3.2% ▲	10 Mar 17
Pig iron fob Ponta da Maderia	335–345*	3.82% ▲	10 Mar 17
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	350–360*	3.65% ▲	10 Mar 17
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	360–380*	7.25% ▲	09 Mar 17
Pig iron Black Sea	310–325*	0%	09 Mar 17
China domestic yuan/tonne delivered warehouse			
Pig iron	2,750–2,800*	0%	10 Mar 17

† week-on-week change

continued >>

NON-FERROUS SCRAP EUROPE

	Price	Change†	Assessed
Aluminium			
European free market MB assessment €/tonne			
Floated frag	1,330–1,400*	1.49% ▲	10 Mar 17
Cast	1,260–1,300*	1.59% ▲	10 Mar 17
Mixed turnings 6%	1,160–1,200*	0.85% ▲	10 Mar 17
Germany per 1000kg			
Pure cuttings	1,330–1,390	-4.23% ▼	08 Mar 17
Commercial cast	1,260–1,340	-1.89% ▼	08 Mar 17
H9 extrusions	1,740–1,840	-0.56% ▼	08 Mar 17
Alloy turnings	1,040–1,160	-1.79% ▼	08 Mar 17
Source: VDM			
France per 1000kg			
Pure cuttings	1,600–1,620	-1.83% ▼	07 Mar 17
Old rolled	800–820	2.53% ▲	07 Mar 17
Commercial cast	950–980	2.66% ▲	07 Mar 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Pure cuttings	1,320–1,420	-0.72% ▼	03 Mar 17
Old mixed scrap	1,225–1,275	0.81% ▲	03 Mar 17
Commercial cast	1,130–1,180	0.87% ▲	03 Mar 17
Source: Assomet			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,200–5,380	-3.64% ▼	08 Mar 17
Heavy copper	4,660–4,900	-4.02% ▼	08 Mar 17
Heavy brass	3,220–3,460	-4.3% ▼	08 Mar 17
Brass turnings (MS 58)	3,550–3,730	-3.96% ▼	08 Mar 17
Brass sheet (MS 63)	3,830–4,010	-3.69% ▼	08 Mar 17
Source: Verein Deutscher Metallhandler			
France per 1000kg			
Electro cuttings	4,900–4,950	-1.01% ▼	07 Mar 17
No 1 bright wire	4,500–4,550	-1.09% ▼	07 Mar 17
Mixed (96%)	4,300–4,350	-1.14% ▼	07 Mar 17
Brass plate cuttings 70/30	3,750–3,800	-1.31% ▼	07 Mar 17
Brass turnings	2,950–3,000	0%	07 Mar 17
Mixed brass	2,950–3,000	0%	07 Mar 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,337–5,419	-1.28% ▼	03 Mar 17
Enamelled wire EN 12861-S-Cu-3	5,175–5,257	-1.32% ▼	03 Mar 17
New from tubes, strips etc EN 12861-S-Cu-4	5,285–5,433	-1.29% ▼	03 Mar 17
Old from tubes, strips etc 12861-S-Cu-7	5,022–5,104	-1.36% ▼	03 Mar 17
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,250–4,327	-1.61% ▼	03 Mar 17
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,355–3,732	-1.94% ▼	03 Mar 17
Several 95% m/m 12861-S-Cu-Zn-7	3,500–3,578	-1.94% ▼	03 Mar 17
Source: Assomet			

STEELBENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	295	4.98% ▲	27 Feb 17
Shredded scrap (\$/gross ton)**	300	5.26% ▲	27 Feb 17
No 1 heavy melting scrap (\$/metric tonne)	286	13.49% ▲	27 Feb 17
No 1 heavy melting scrap (\$/gross ton)	290	13.28% ▲	27 Feb 17
No 1 busheling scrap (\$/metric tonne)	315	1.61% ▲	27 Feb 17
No 1 busheling scrap (\$/gross ton)	320	1.59% ▲	27 Feb 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	1,360–1,420*	0%	08 Mar 17
Commercial pure cuttings	1,150–1,200*	0.86% ▲	08 Mar 17
Clean HE9 extrusions	1,400–1,450*	0%	08 Mar 17
Loose old rolled cuttings	840–900*	0%	08 Mar 17
Baled old rolled	940–1,000*	1.04% ▲	08 Mar 17
Commercial cast	1,000–1,060*	0%	08 Mar 17
Cast wheels	1,230–1,260*	0.81% ▲	08 Mar 17
Commercial turnings	700–750*	1.4% ▲	08 Mar 17
Group 7 turnings	600–680*	0%	08 Mar 17

MB and LME aluminium scrap discounts

£ per tonne			
Group 1 pure 99% & Litho	124–184*	11.59% ▲	08 Mar 17
Commercial pure cuttings	344–394*	1.65% ▲	08 Mar 17
Clean HE9 extrusions	94–144*	15.53% ▲	08 Mar 17
Loose old rolled cuttings	486–546*	14.16% ▲	08 Mar 17
Baled old rolled	386–446*	14.92% ▲	08 Mar 17
Commercial cast	326–386*	21.92% ▲	08 Mar 17
Cast wheels	126–156*	62.07% ▲	08 Mar 17
Commercial turnings	636–686*	8.9% ▲	08 Mar 17
Group 7 turnings	706–786*	9.38% ▲	08 Mar 17

Titanium

\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.70–0.80*	0%	08 Mar 17
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.60–0.69*	0%	08 Mar 17

Copper scrap discount

cents/lb			
No 2 copper (birch/cliff) imported into China 94–96% cif China	33–36*	13.11% ▲	27 Feb 17

† week-on-week change

continued >>

NON-FERROUS FOUNDRY INGOTS

	<i>Price</i>	<i>Change*</i>	<i>Assessed</i>
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,550–1,600*	0.96% ▲	08 Mar 17
LM6/LM25 gravity diecasting ingot	1,740–1,780*	0.57% ▲	08 Mar 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	1,830–1,890*	1.92% ▲	10 Mar 17
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.91–0.93*	0%	09 Mar 17
AFFIMET €/tonne			
AS12	3,750	2.6% ▲	01 Mar 17
AS12 UN	3,050	4.45% ▲	01 Mar 17
AS9 U3	2,425	5.66% ▲	01 Mar 17
AS5 U3	2,775	4.91% ▲	01 Mar 17
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,380–2,480	0.41% ▲	08 Mar 17
DIN 231	2,460–2,560	0.4% ▲	08 Mar 17
DIN 311	2,440–2,540	0.4% ▲	08 Mar 17
Aluminium bronze £/tonne UK			
AB1 ex-works	4,850	0%	07 Mar 17
AB2 ex-works	4,950	0%	07 Mar 17
Source: C. F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	3,800	0%	07 Mar 17
High tensile HTB1 ex-works	3,900	0%	07 Mar 17
Source: C. F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,650	0%	07 Mar 17
LG4 87/7/3/3 ex-works	5,350	0%	07 Mar 17
G11.15 PB ex-works	6,250	0%	07 Mar 17
Source: C. F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,950	0%	07 Mar 17
Source: C. F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,400	0%	07 Mar 17
15% P ex-works	6,500	0%	07 Mar 17
Source: C. F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,845	1.17% ▲	01 Mar 17
Brock Metal ZL5	2,872	1.2% ▲	01 Mar 17

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Monthly averages: February

BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne	90.40	99.50
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne	148.13	160.00
Alumina		
Index fob Australia	341.54	
Copper		
US high-grade cathode premium indicator, \$/tonne	110.23	115.74
Nickel		
Free market in-warehouse premium		
Europe \$/tonne		
Uncut cathodes	100.00	120.00
4x4 cathodes	220.00	240.00
Briquettes	150.00	190.00
US		
Melting \$/lb	0.18	0.25
Tin		
European free market		
Spot premium 99.9%, \$/tonne	282.50	322.50
Spot premium 99.85%, \$/tonne	272.50	292.50
Kuala Lumpur (ex-smelter), \$/tonne	19,531.76	

MINOR METALS

Antimony

MB free market Regulus 99.65%, max Se 50ppm, in-warehouse, \$/tonne	7,746.25	8,018.75
MMTA standard grade II, \$/tonne	7,706.25	7,975.00

Bismuth

MB free market min. 99.99%, tonne lots, in-warehouse, \$/lb	4.44	4.83
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Cadmium

MB free market		
min 99.95%, in-warehouse, cents/lb	67.50	74.00
min 99.99%, in-warehouse cents/lb	70.50	78.50

Cobalt

MB free market		
High-grade, in-warehouse, \$/lb	19.50	20.35
Low-grade, in-warehouse, \$/lb	18.88	19.88

Germanium dioxide

MB free market min 99.99%, \$/kg	640.00	740.00
Rotterdam, \$/kg	907.50	1,011.25

Indium

MB free market ingots, min 99.97%, in-warehouse, \$/kg	190.00	230.00
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Magnesium

MB free market min 99.8%, \$/tonne	2,075.00	2,205.00
China free market min 99.8%, \$/tonne	2,093.75	2,145.00

Mercury

MB free market min 99.99%, in-warehouse, \$/flask	1,050.00	1,275.00
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	<i>Low</i>	<i>High</i>
Selenium		
MB free market min 99.5% in-warehouse, \$/lb	12.78	14.54
Silicon		
MB free market, €/tonne	1,900.00	1,962.50
Titanium		
Ferro-titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	3.86	4.28

ORES & ALLOYS

	<i>Low</i>	<i>High</i>
Molybdenum		
Free market in-warehouse Europe drummed molybdc oxide, \$/lb Mo	7.61	7.78
US canned molybdc oxide, \$/lb Mo	7.68	7.86
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	18.21	18.71
Tungsten		
European free market APT, \$/mtu	196.25	205.50
Ferro-tungsten		
basis 75% W min, \$/kg	24.21	25.00
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	4.98	5.33
Ferro-vanadium		
basis 78% min, free delivery duty-paid consumer plant, 1st grade Western Europe, \$/kg V	25.29	25.98
US free market 70-80%, \$/lb	12.13	12.48

PRECIOUS METALS

Gold

London \$/troy oz	Morning	1,233.39
	Afternoon	1,234.36
London £/troy oz	Morning	987.89
	Afternoon	989.28
\$/troy oz	Handy/Harman	1,234.20

Palladium

Morning, \$/troy oz	772.25
Afternoon, \$/troy oz	775.55

Platinum: per troy oz

Morning, \$/troy oz	1,006.40
Afternoon, \$/troy oz	1,007.35

Rhodium

European free market min 99.9% in-warehouse, \$/troy oz	817.75	917.75
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Silver

London	
spot pence/troy oz	1,431.69
spot cents/troy oz	1,787.43
Handy/Harman cents/troy oz	1,793.32

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24, £/tonne	1,500.00	1,542.50
LM6/LM25, £/tonne	1,700.00	1,745.00
Aluminium Europe, €/tonne	1,720.00	1,787.50
Phosphor bronze		
PB1 ex-works, £/tonne	6,912.50	
Zinc alloy		
ZL3, £/tonne	2,812.00	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.25
\$/yen	113.00
\$/€	1.06

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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 February (20 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	February 2017		February average
	Low	High	
	\$	\$	\$
Aluminium (\$)			
Cash	1,700.50	1,907.50	1,856.44
3 months	1,688.25	1,905.25	1,865.53
Settlement	1,701.00	1,908.00	1,856.80
3 months seller	1,688.50	1,905.50	1,865.85
Copper grade A (\$)			
Cash	5,500.25	6,144.50	5,941.10
3 months	5,517.00	6,155.50	5,952.03
Settlement	5,500.50	6,145.00	5,941.55
3 months seller	5,518.00	6,156.00	5,952.70
Copper grade A (£)			
Settlement	4,477.78	4,954.94	4,765.05
3 months seller	4,482.17	4,922.04	4,763.90
Lead (\$)			
Cash	2,006.75	2,441.50	2,321.24
3 months	2,021.00	2,444.50	2,322.88
Settlement	2,007.00	2,442.00	2,321.73
3 months seller	2,022.00	2,445.00	2,323.60
Lead (£)			
Settlement	1,635.70	1,950.95	1,859.29
3 months seller	1,644.30	1,949.45	1,857.25
Nickel (\$)			
Cash	9,377.50	11,042.50	10,615.63
3 months	9,425.00	11,092.50	10,669.38
Settlement	9,380.00	11,045.00	10,619.50
3 months seller	9,430.00	11,095.00	10,674.25
Tin (\$)			
Cash	18,757.50	21,295.00	19,485.00
3 months	18,755.00	21,212.50	19,495.50
Settlement	18,760.00	21,300.00	19,491.50
3 months seller	18,760.00	21,225.00	19,505.25

	February 2017		February average
	Low	High	
	\$	\$	\$
Zinc (\$)			
Cash	2,529.50	2,970.50	2,848.04
3 months	2,554.50	2,958.25	2,849.01
Settlement	2,530.00	2,971.00	2,848.43
3 months seller	2,555.00	2,958.50	2,849.70
Cobalt (\$)			
Cash	32,750.00	50,000.00	42,998.75
3 months	32,750.00	50,250.00	42,998.75
Settlement	33,000.00	50,250.00	43,232.50
3 months seller	33,000.00	50,500.00	43,232.50
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	1,655.00	1,624.50
3 months	1,560.00	1,665.00	1,637.00
Settlement	1,545.00	1,660.00	1,629.50
3 months seller	1,565.00	1,670.00	1,642.00
Nasaa (\$)			
Cash	1,715.50	1,925.00	1,863.98
3 months	1,735.00	1,940.00	1,882.33
Settlement	1,716.00	1,930.00	1,867.48
3 months seller	1,740.00	1,945.00	1,886.60
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

\$/£	1.25
\$/yen	112.94
\$/€	1.06