

Prices

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NEW YORK FUTURES			
	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	250.20	-3.02%	▼ 04 May 17
Open interest	247,748	-1.6%	▼ 03 May 17
Stocks (short ton)	155,238	0.07%	▲ 03 May 17
Comex: Gold \$/troy oz			
Settlement	1,226.5	-2.94%	▼ 04 May 17
Open interest	459,267	-3.59%	▼ 03 May 17
Stocks (troy oz)	8,933,491	-0.23%	▼ 03 May 17
Nymex: Palladium \$/troy oz			
Settlement	800.65	-1.52%	▼ 04 May 17
Stocks (troy oz)	52,554	0%	03 May 17
Nymex: Platinum \$/troy oz			
Settlement	907.70	-4.33%	▼ 04 May 17
Stocks (troy oz)	218,128	-3.37%	▼ 03 May 17
Comex: Silver cents/troy oz			
Settlement	1,624.40	-5.91%	▼ 04 May 17
Open interest	190,478	-8.09%	▼ 03 May 17
SHANGHAI FUTURES			
	Price	Change [†]	Assessed
Aluminium yuan/tonne	13,880	-0.86%	▼ 05 May 17
Copper yuan/tonne	44,980	-2.87%	▼ 05 May 17
Nickel cathode yuan/tonne	73,000	-5.37%	▼ 05 May 17
Tin ingot yuan/tonne	138,940	-1.25%	▼ 05 May 17
Zinc yuan/tonne	21,580	-2.31%	▼ 05 May 17
Steel rebar month 1 yuan/tonne	3,483	3.2%	▲ 05 May 17
Steel rebar month 2 yuan/tonne	3,228	0.84%	▲ 05 May 17
Steel rebar month 3 yuan/tonne	3,095	-1.84%	▼ 05 May 17
Weekly stocks deliverable			
Aluminium (tonnes)	403,905	3.15%	▲ 05 May 17
Copper (tonnes)	215,231	-6.16%	▼ 05 May 17
Nickel cathode (tonnes)	83,977	-0.42%	▼ 05 May 17
Tin ingot (tonnes)	3,848	74.43%	▲ 05 May 17
Zinc (tonnes)	119,945	4.26%	▲ 05 May 17
Steel rebar (tonnes)	2,146	0%	05 May 17
DAILY METAL AND STEEL			
<i>London forward LME settlement prices. All prices per tonne, unless otherwise stated, in LME warehouse, EU duty, if any paid for buyers account</i>			
	Price	Change [†]	Assessed
Aluminium high grade \$			
Cash official	1,906-1,907	-1.2%	▼ 05 May 17
Cash unofficial	1,900-1,901	-1.07%	▼ 04 May 17
3 months official	1,912-1,914	-1.26%	▼ 05 May 17
3 months unofficial	1,907-1,908	-1.17%	▼ 04 May 17
LME Tapo notional average price (NAP)	1,911.5	-1.01%	▼ 04 May 17
LME stocks (tonnes)	1,599,725	-2.77%	▼ 04 May 17
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,670-1,680	-1.18%	▼ 05 May 17
LME cash unofficial	1,671.5-1,681.5	-1.24%	▼ 04 May 17
LME 3 months official	1,680-1,690	-1.17%	▼ 05 May 17
LME 3 months unofficial	1,680-1,690	-1.17%	▼ 04 May 17
LME stocks (tonnes)	15,080	0%	04 May 17

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,795-1,795.5	0%	05 May 17
LME cash unofficial	1,792.5-1,802.5	-0.06%	▼ 04 May 17
LME 3 months official	1,810-1,820	-0.41%	▼ 05 May 17
LME 3 months unofficial	1,815-1,825	-0.27%	▼ 04 May 17
LME stocks (tonnes)	136,960	0.66%	▲ 04 May 17
Copper grade A \$			
LME cash official	5,530-5,530.5	-2.78%	▼ 05 May 17
LME cash unofficial	5,502-5,504	-2.45%	▼ 04 May 17
LME 3 months official	5,555-5,560	-2.73%	▼ 05 May 17
LME 3 months unofficial	5,532-5,534	-2.31%	▼ 04 May 17
LME Tapo notional average price (NAP)	5,642	-0.99%	▼ 04 May 17
LME stocks (tonnes)	354,650	36.55%	▲ 04 May 17
Lead \$			
LME cash official	2,189.5-2,190	-3.92%	▼ 05 May 17
LME cash unofficial	2,177-2,179	-1.54%	▼ 04 May 17
LME 3 months official	2,187-2,188	-2.54%	▼ 05 May 17
LME 3 months unofficial	2,174-2,176	-1%	▼ 04 May 17
LME stocks (tonnes)	173,725	5.11%	▲ 04 May 17
Nickel \$			
LME cash official	8,930-8,935	-5.8%	▼ 05 May 17
LME cash unofficial	8,940-8,950	-2.56%	▼ 04 May 17
LME 3 months official	8,970-8,980	-5.8%	▼ 05 May 17
LME 3 months unofficial	8,990-9,000	-2.49%	▼ 04 May 17
LME stocks (tonnes)	380,712	0.28%	▲ 04 May 17
Tin \$			
LME cash official	19,925-19,930	0.45%	▲ 05 May 17
LME cash unofficial	19,885-19,935	-0.2%	▼ 04 May 17
LME 3 months official	19,825-19,830	0.25%	▲ 05 May 17
LME 3 months unofficial	19,825-19,875	-0.13%	▼ 04 May 17
LME stocks (tonnes)	2,490	-17.41%	▼ 04 May 17
Zinc special high grade \$			
LME cash official	2,576-2,577	-2.35%	▼ 05 May 17
LME cash unofficial	2,551-2,553	-1.05%	▼ 04 May 17
LME 3 months official	2,570-2,571	-2.06%	▼ 05 May 17
LME 3 months unofficial	2,557-2,559	-1.16%	▼ 04 May 17
LME stocks (tonnes)	340,450	-2.46%	▼ 04 May 17
Cobalt min 99.3%			
LME cash official	54,500-55,000	-0.45%	▼ 05 May 17
LME 3 months official	54,750-55,000	-0.23%	▼ 05 May 17
LME stocks (tonnes)	771	0.26%	▲ 04 May 17
Molybdenum \$			
LME cash official	14,750-15,250	0%	05 May 17
LME 3 months official	14,750-15,250	0%	05 May 17
LME stocks (tonnes)	0	0%	04 May 17
Steel billet			
LME cash official	0.5-0	0%	05 May 17
LME cash unofficial	0.5-1	0%	04 May 17
LME 3 months official	0.5-0	0%	05 May 17
LME 3 months unofficial	0.5-1	0%	04 May 17
LME stocks (tonnes)	0	0%	10 Apr 17

† week-on-week change

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Gold \$/troy oz	<i>Price</i>	<i>Change</i>	<i>Assessed</i>
London morning	1,239.40	-2.07%	▼ 05 May 17
London afternoon	1,228.45	-2.72%	▼ 04 May 17
Handy/Harman	1,228.45	-2.72%	▼ 04 May 17
Silver per troy oz			
London spot pence	1,257.83	-6.51%	▼ 05 May 17
London spot cents	1,627	-6.55%	▼ 05 May 17
Handy/Harman	1,626	-6.01%	▼ 04 May 17
Palladium \$/troy oz			
London morning	804	0.12%	▲ 04 May 17
London afternoon	796	-1.73%	▼ 04 May 17
Platinum \$/troy oz			
London morning	904	-4.54%	▼ 04 May 17
London afternoon	897	-4.98%	▼ 04 May 17
Kuala Lumpur tin market			
Tin \$/tonne	19,850	0%	05 May 17
ICDX			
Tin PB300 settlement price \$/tonne	19,950	-0.5%	▼ 05 May 17
Tin PB300 volume, tonnes	25	-51.92%	▼ 05 May 17

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	<i>Price</i>	<i>Change[†]</i>	<i>Assessed</i>
Copper	75,718.08	-0.24%	▼ 05 May 17
Aluminium	26,108.74	1.38%	▲ 05 May 17
Lead	29,983.29	-1.44%	▼ 05 May 17
Zinc	35,281.71	0.2%	▲ 05 May 17
Nickel	122,329.09	-3.34%	▼ 05 May 17
Tin	272,861.63	3.02%	▲ 05 May 17

EXCHANGE RATES

	<i>Price</i>	<i>Change[†]</i>	<i>Assessed</i>
LME settlement conversion rates			
\$/£	1.2939	-0.03%	▼ 05 May 17
\$/¥	112.4700	0.97%	▲ 05 May 17
\$/€	1.0958	0.21%	▲ 05 May 17
Closing rates, midpoint			
\$/£	1.2916	0.16%	▲ 04 May 17
\$/¥	112.7150	1.38%	▲ 04 May 17
\$/€	1.0946	0.74%	▲ 04 May 17
£/€	1.1799	-0.58%	▼ 04 May 17
\$/CNY	6.8970	0.07%	▲ 04 May 17

BASE METALS ARBITRAGE

	<i>Price</i>	<i>Change[†]</i>	<i>Assessed</i>
Aluminium			
Import arbitrage, \$/tonne	-384.59*	1.67%	▲ 05 May 17
Import arbitrage, RMB/tonne	-2,658.49*	1.69%	▲ 05 May 17
Copper			
Import arbitrage, \$/tonne	-48.36*	-33.86%	▼ 05 May 17
Import arbitrage, RMB/tonne	-334.30*	-33.84%	▼ 05 May 17
Nickel			
Import arbitrage, \$/tonne	-185.08*	-44.6%	▼ 05 May 17
Import arbitrage, RMB/tonne	-1,279.38*	-44.58%	▼ 05 May 17
Zinc			
Import arbitrage, \$/tonne	-32.96*	-9.05%	▼ 05 May 17
Import arbitrage, RMB/tonne	-227.82*	-9.03%	▼ 05 May 17

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

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	<i>Price</i>	<i>Change[†]</i>	<i>Assessed</i>
Copper			
Rotterdam, Grade A, cathode, cif, \$/tonne	35.0–45.0*	-5.88%	▼ 02 May 17
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0–20.0*	-25%	▼ 02 May 17
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0–55.0*	0%	02 May 17
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	50*	0%	02 May 17
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0–55.0*	-4.76%	▼ 02 May 17
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	48*	-7.69%	▼ 02 May 17
Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0–10.0*	-25%	▼ 02 May 17
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	48.0–60.0*	2.86%	▲ 05 May 17
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	53*	0%	05 May 17
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0–55.0*	0%	05 May 17
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	51*	0%	05 May 17
MB free market US: High-grade cathode premium indicator, \$/tonne	115.7–126.8*	0%	02 May 17
Aluminium			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	90.0–96.0*	0%	05 May 17
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	93*	0%	05 May 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	95–115*	-4.55%	▼ 02 May 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	108*	-0.92%	▼ 02 May 17
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	7.0–20.0*	-10%	▼ 02 May 17
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0–105.0*	0%	02 May 17
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	99*	-1%	▼ 02 May 17
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	110.0–125.0*	0%	02 May 17
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	115*	0%	02 May 17
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,785*	-0.42%	▼ 03 May 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	145.0–155.0*	0%	05 May 17
Aluminium P1020A, in-warehouse Rotterdam duty-paid, for delivery three months forward, \$/tonne	145.0–155.0*	-1.64%	▼ 28 Apr 17
Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne	315.0–335.0*	0.78%	▲ 05 May 17
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.093–0.095*	-2.34%	▼ 02 May 17
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	250.0–285.0*	0%	02 May 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%	02 May 17
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	280.0–340.0*	0%	21 Apr 17
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0–20.0*	16.67% ▲	02 May 17
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	20.0–25.0*	12.5% ▲	02 May 17
USA lead premium 99.97%, delivered domestic, \$/lb	0.09–0.10*	0%	02 May 17
USA lead premium 99.97%, delivered domestic, cents/lb	9–10*	0%	02 May 17
USA lead premium 99.99%, delivered domestic, cents/lb	10–12.5*	0%	02 May 17
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	150.0–170.0*	0%	02 May 17
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	160*	0%	02 May 17
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	150.0–160.0*	0%	02 May 17
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	155*	0%	02 May 17
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	50–90*	16.67% ▲	02 May 17
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	5–10*	–25% ▼	02 May 17
uncut cathodes premium indicator	140.0–180.0*	0%	02 May 17
4x4 cathodes premium indicator	250.0–300.0*	0%	02 May 17
briquettes premium indicator	180.0–220.0*	0%	02 May 17
US: melting premium indicator, \$/lb	0.190–0.250*	0%	02 May 17
Tin			
MB European free market			
Spot premium 99.9%, \$/tonne	325–375*	1.45% ▲	02 May 17
Spot premium 99.85%, \$/tonne	310–340*	1.56% ▲	02 May 17
United States New York spot, cents/lb	933–934	–0.21% ▼	04 May 17
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	70.0–90.0*	0%	02 May 17
MB EU: Special high grade, fca Rotterdam, \$/tonne	135.0–145.0*	0%	02 May 17
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	80.0–100.0*	2.86% ▲	02 May 17
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	80.0–100.0*	2.86% ▲	02 May 17
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	91*	2.25% ▲	02 May 17
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	120.0–135.0*	2% ▲	02 May 17
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	129*	4.03% ▲	02 May 17
MB US: Special high grade, \$/lb	0.090–0.100*	5.56% ▲	02 May 17

BASE METALS	Price	Change*	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne	2,250.0–2,300.0*	–3.19% ▼	04 May 17
Alumina Index fob Australia	285.36*	–5.12% ▼	04 May 17
Alumina Index fob Brazil	–9.96*		27 Apr 17
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	290.79*		27 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):	5,242.9–5,271.7	–0.89% ▼	03 May 17
cathodes:	5,210.0–5,270.0	–0.95% ▼	03 May 17
South Africa: Palabora copper rod 7.90mm, Rand/tonne	87,547.360	1.87% ▲	01 May 17
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	7.66–7.66*	0.66% ▲	28 Apr 17
Copper concentrate Asia-Pacific Index TC import, \$/dm (twice monthly on 15th and last day of month)	76.60–76.60*	0.66% ▲	28 Apr 17
Shanghai bonded copper stocks, tonnes	625,000–630,000*	2.45% ▲	24 Apr 17
Nickel			
Nickel pig iron high grade NPI content 10–15% contract price delivered duty paid China RMB per nickel unit price	820–850*	–1.76% ▼	02 May 17
Nickel pig iron high grade NPI content 10–15% spot price China RMB per nickel unit price	820–840*	–2.35% ▼	02 May 17
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	35–38*	–2.67% ▼	02 May 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	50–55*	0%	02 May 17
Lead			
Germany: (VDM) virgin soft, €/tonne	2,230–2,230	1.36% ▲	03 May 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	2,520–2,520	–1.18% ▼	03 May 17
UK: Special high grade, delivered monthly average price £/tonne	2,198*	–9.4% ▼	02 May 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	900–1,000*	2.7% ▲	05 May 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	935	3.31% ▲	05 May 17
Engelhard base price: \$/troy oz	920	2.22% ▲	05 May 17
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	790–811*	–2.26% ▼	05 May 17
Engelhard base price: \$/troy oz	811	–1.58% ▼	05 May 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	810	–1.58% ▼	05 May 17
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	897–914*	–4.53% ▼	05 May 17
Engelhard base price: \$/troy oz	907	–4.63% ▼	05 May 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	914	–4.09% ▼	05 May 17
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	930–1,030*	–2.97% ▼	05 May 17
Engelhard base price: \$/troy oz	995	–1.97% ▼	05 May 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	985	–2.96% ▼	05 May 17
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	60–70*	0%	05 May 17
Engelhard base price: \$/troy oz	66	0%	05 May 17
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	65	0%	05 May 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	8,950–9,150*	0.56% ▲	05 May 17
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,800–9,050*	0%	05 May 17
MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne	60,000–61,000*	0%	03 May 17
Arsenic			
MB free market \$/lb	0.90–1.25*	0%	28 Apr 17
Bismuth			
MB free market \$/lb	4.70–5.10*	0%	05 May 17
MB China domestic, min 99.99%, RMB/tonne	69,500–72,000*	–3.74% ▼	05 May 17
Cadmium			
MB free market min 99.95% cents/lb	75–83*	0.64% ▲	05 May 17
MB free market min 99.99% cents/lb	78–87*	0%	05 May 17
Chromium			
MB free market alumino-thermic min 99% \$/tonne	8,050–8,300*	0%	05 May 17
Cobalt			
MB free market high-grade \$/lb	26.75–28*	–1.88% ▼	05 May 17
MB free market low-grade \$/lb	24.5–26*	–0.98% ▼	05 May 17
MB high-grade, weighted average of all confirmed international trades, \$/lb	27.24*	–3.16% ▼	05 May 17
MB low-grade, weighted average of all confirmed international trades, \$/lb	24.94*	1.46% ▲	05 May 17
MB China domestic, min 99.8% RMB/tonne	370,000–400,000*	–4.94% ▼	05 May 17
Cobalt tetroxide min 72.6% Co delivered China RMB/tonne	360,000–390,000*	–2.6% ▼	05 May 17

	Price	Change	Assessed
Gallium			
MB free market \$/kg	125–150*	0%	05 May 17
MB China domestic, min 99.99%, RMB/kg	750–780*	–1.92% ▼	03 May 17
Germanium			
Germanium dioxide MB free market \$/kg	700–780*	0%	05 May 17
Germanium metal \$/kg Rotterdam	1,050–1,250*	0%	05 May 17
Germanium metal MB China domestic, min 99.999%, RMB/kg	7,200–7,500*	0%	03 May 17
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950–1,050*	0%	28 Apr 17
Indium			
MB free market \$/kg	190–230*	0%	05 May 17
MB China domestic, min 99.99% RMB/kg	1,250–1,280*	0%	03 May 17
Indium Corp ingots min 99.97% \$/kg fob	440	–40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,200–2,300*	0%	05 May 17
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,200–2,220*	0%	05 May 17
MB Chinese free market min 99% Mg, ex-works RMB/tonne	14,500–14,800*	0.69% ▲	05 May 17
Manganese flake			
MB free market \$/tonne	2,100–2,200*	0%	05 May 17
Mercury			
MB free market \$ per flask	1,150–1,400*	9.68% ▲	28 Apr 17
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	700–800*	–10.18% ▼	28 Apr 17
APR catalytic grade \$/kg Re	1,600–1,800*	–4.23% ▼	28 Apr 17
Selenium			
MB free market \$/lb	19.5–21.5*	0%	05 May 17
MB China domestic, min 99.9%, RMB/kg	350–380*	–5.19% ▼	05 May 17
Selenium dioxide, MB China domestic, min 98%, RMB/kg	240–270*	–8.93% ▼	05 May 17
Silicon			
MB free market €/tonne	1,900–1,980*	0%	05 May 17
US free market cents/lb	105–105*	–0.94% ▼	29 Apr 17
Export from mainland China min 98.5%, \$/tonne fob	1,440–1,460*	0.35% ▲	05 May 17
Tellurium			
MB free market \$/kg	30–40*	0%	05 May 17
MB China domestic, min 99.99%, RMB/kg	400–430*	0%	05 May 17
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.80–5.25*	1.01% ▲	03 May 17
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	770–850	0%	04 May 17
Rutile bulk conc min 95% TiO2 fob/Aus	710–770	0%	04 May 17
Ilmenite bulk conc min 54% TiO2 fob/Aus	170–185	0%	04 May 17

† week-on-week change

continued >>

NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	8.30–8.5*	–2.04%	▼ 05 May 17
US canned molybdic oxide \$/lb Mo	8.5–8.80*	–3.89%	▼ 04 May 17
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	20.5–21.10*	–1.19%	▼ 05 May 17
US free market 65–70% Mo \$/lb in-warehouse Pittsburgh	10.5–11*	–1.6%	▼ 04 May 17
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,180–1,200*	0%	03 May 17
Tungsten			
European free market APT \$/mtu	210–219*	–0.46%	▼ 05 May 17
Export from mainland China APT Chinese No1 grade, min 88.5% WO ₃ , \$/mtu fob	216–220*	2.59%	▲ 03 May 17
MB Chinese free market concentrate 65% Wo ₃ in-warehouse China RMB/tonne	83,000–84,000*	4.38%	▲ 03 May 17
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty unpaid	25.5–26.25*	2.27%	▲ 05 May 17
China export min 75% \$/kg W, fob China	26.5–27*	3.28%	▲ 03 May 17
Vanadium			
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	27.20–28.35*	–1.24%	▼ 05 May 17
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	12.5–13*	0%	04 May 17
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V2O ₅	5.95–6.20*	0%	05 May 17
Zircon			
Foundry grade bulk \$/tonne fob Australia	950–1,000	0%	04 May 17
Premium bulk \$/tonne fob Australia	1,000–1,050	0%	04 May 17
BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	1.12*	0%	05 May 17
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.53*	0%	05 May 17
Spot 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	8,500–9,000*	–6.42%	▼ 05 May 17
Contract 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	9,600–9,850*	0%	05 May 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	1.30–1.44*	0%	05 May 17
0.10% C average 60–70% Cr	2.08–2.20*	–1.15%	▼ 05 May 17
European low carbon in-warehouse 0.06% C max – 65% Cr	2.11–2.22*	–1.14%	▼ 05 May 17
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.37–1.5*	0%	05 May 17
Japan import 8–9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome	1.13–1.20*	0%	04 May 17
South Korea import 8–9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome	1.10–1.15*	–4.26%	▼ 04 May 17
US free market low carbon duty paid fob Pittsburgh			
US free market in-warehouse Pittsburgh 6–8% C basis 60–65% Cr max 2% Si	1.420–1.490*	0.34%	▲ 04 May 17
0.05% C – 65% min Cr	2.15–2.20*	0%	04 May 17
0.10% C – 62% min Cr	2–2.05*	0%	04 May 17
0.15% C – 60% min Cr	1.95–1.99*	0%	04 May 17

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	231*	–27.81%	▼ 05 May 17
Turkish lumpy 40–42% cfr main Chinese ports	340–360*	–4.11%	▼ 05 May 17
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,200–1,280*	0%	05 May 17
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,380–1,420*	–0.36%	▼ 04 May 17
US free market medium carbon duty paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.08–1.14*	0%	04 May 17
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China RMB/tonne	6,200–6,400*	0%	05 May 17
Manganese ore			
44% Mn, cif Tianjin \$/dmu of metal contained	5.65*	9.07%	▲ 05 May 17
37% Mn, fob Port Elizabeth \$/dmu of metal contained	4.07*	4.63%	▲ 05 May 17
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,220–1,350*	0%	05 May 17
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si – imported	0.77–0.80*	0.64%	▲ 04 May 17
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,110–1,160*	0%	05 May 17
MB Chinese free market min 75% Si, in-warehouse China, RMB/tonne	5,400–5,600*	0%	05 May 17
Silico-manganese			
Lumpy basis 65–75% Mn basis 15–19% Si (scale pro rata) €/tonne	1,060–1,100*	0.23%	▲ 05 May 17
US free market \$/lb in-warehouse Pittsburgh	0.65–0.68*	0%	04 May 17
MB Chinese free market min 65% Mn max 17% Si in-warehouse China RMB/tonne	6,400–6,800*	–0.75%	▼ 05 May 17
65% min Mn 16% min Si \$/tonne fob India	1,050–1,110*	0.47%	▲ 05 May 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%	03 May 17
Wire rod (mesh quality)	480–490*	0%	03 May 17
Plate (8–40mm)	525–550*	0%	03 May 17
Hot rolled coil	510–520*	1.98% ▲	03 May 17
Cold rolled coil	590–600*	-1.65% ▼	03 May 17
Hot-dip galvanized coil	640–670*	0%	03 May 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%	03 May 17
Wire rod (mesh quality)	480–495*	0%	03 May 17
Plate (8–40mm)	510–525*	0%	03 May 17
Hot rolled coil	480–490*	-3.96% ▼	03 May 17
Cold rolled coil	590–610*	-1.64% ▼	03 May 17
Hot-dip galvanized coil	640–660*	0%	03 May 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*	0%	03 May 17
Wire rod (mesh quality)	415–430*	0%	03 May 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*	0%	03 May 17
Wire rod (mesh quality)	470–480*	0%	03 May 17
Sections (medium)	610–660*	-1.55% ▼	03 May 17
Beams	500–535*	-2.36% ▼	03 May 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	400–420*	-2.38% ▼	03 May 17
Wire rod (mesh quality)	450–460*	0%	03 May 17
Sections (medium)	590–620*	-1.22% ▼	03 May 17
Beams	525–535*	-2.3% ▼	03 May 17
Central Europe domestic € per tonne ex-works			
Hot rolled coil	520–530*	-1.41% ▼	03 May 17
Poland domestic zloty per tonne ex-works			
Rebar	1,960–2,000*	0%	05 May 17
Northern Europe € per tonne ex-works			
Plate (8–40mm)	580–590*	-0.85% ▼	03 May 17
Hot rolled coil	530–545*	-0.46% ▼	03 May 17
Cold rolled coil	630–650*	-2.29% ▼	03 May 17
Hot-dip galvanized coil	670–710*	0%	03 May 17
Southern Europe € per tonne ex-works			
Plate (8–40mm)	530–540*	-0.93% ▼	03 May 17
Hot rolled coil	510–520*	0%	03 May 17
Cold rolled coil	600–620*	-0.81% ▼	03 May 17
Hot-dip galvanized coil	650–680*	0%	03 May 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*	0%	03 May 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	380–390*	1.32% ▲	02 May 17
Slab	400–410*	-2.41% ▼	02 May 17
Rebar	405–420*	0%	02 May 17
Wire rod (mesh)	435–440*	-0.57% ▼	02 May 17
Heavy plate (10–50mm)	510–525*	0%	02 May 17
Hot rolled coil	440–450*	0%	02 May 17
Cold rolled coil	490–500*	-2.46% ▼	02 May 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	27,000–29,500*	0%	02 May 17
Hot rolled sheet	38,000–38,950*	0%	02 May 17
Cold rolled sheet	43,200–44,500*	0%	02 May 17
Plate	38,000–38,500*	0%	02 May 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	410–415*	1.23% ▲	04 May 17
Rebar	420–430*	0%	04 May 17
Wire rod (mesh quality)	450–460*	1.11% ▲	04 May 17
Merchant bars	480–485*	0%	04 May 17
Structural pipe	550–560*	-1.77% ▼	12 Apr 17
Hot rolled coil	490–500*	-1.49% ▼	05 May 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	400–415*	0.62% ▲	04 May 17
Rebar	450–460*	2.82% ▲	04 May 17
Wire rod (mesh quality)	470–500*	2.54% ▲	04 May 17
Hot rolled coil	490–500*	-1.49% ▼	05 May 17
Cold rolled coil	600–610*	-2.81% ▼	05 May 17
Hot dip galvanized	690–710*	-0.71% ▼	05 May 17
Prepainted galvanized	760–800*	-0.64% ▼	05 May 17
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	390–405*	3.25% ▲	04 May 17
Hot rolled coil	460–480*	0%	05 May 17
Cold rolled coil	525–530*	0%	05 May 17
UAE imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	385–400*	-1.26% ▼	02 May 17
Rebar	430–435*	1.17% ▲	02 May 17
Hot rolled coil	440–485*	2.21% ▲	02 May 17
Cold rolled coil	530–535*	0.95% ▲	02 May 17
Hot dip galvanized coil	645–700*	1.13% ▲	02 May 17
Saudi Arabia imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Rebar	430–435*	0%	02 May 17
Hot rolled coil	465–485*	1.06% ▲	02 May 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%	02 May 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	500–527*	1.68% ▲	03 May 17
Hot rolled coil	446–478*	1.87% ▲	03 May 17
Hot dip galvanized coil	562–570*	4.33% ▲	03 May 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%	04 May 17

Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	405–410*	3.82% ▲	04 May 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	395–410*	1.9% ▲	05 May 17
Slab	410–420*	0%	05 May 17
Rebar	440–450*	0%	05 May 17
Wire rod mesh quality	440–450*	0%	05 May 17
Heavy plate over 10mm	490–495*	0%	05 May 17
Hot rolled coil (dry)	490–500*	0%	05 May 17
Cold rolled coil	580–600*	0%	05 May 17
Galvanized coil	800–810*	0%	05 May 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	465–470*	0.54% ▲	05 May 17
Hot rolled coil	455–465*	0.55% ▲	05 May 17
Cold rolled coil	490–510*	0%	05 May 17
Galvanized coil	580–590*	0%	05 May 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*	0%	05 May 17
Cold rolled coil	820–835*	0%	05 May 17
Galvanized coil	1,080–1,175*	0%	05 May 17
Rebar	840–850*	0%	05 May 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	3,220–3,440*	0%	05 May 17
Cold rolled coil	3,560–3,670*	0%	05 May 17
Hot dip galvanized coil	3,725–3,875*	0%	05 May 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%	05 May 17

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	445–454*	–0.88% ▼	03 May 17
Merchant bars	560–580*	0%	28 Apr 17
Wire rod (low carbon)	485–494*	3.82% ▲	26 Apr 17
Medium sections	540–560*	–9.84% ▼	27 Apr 17
Medium plate	645–700*	0%	03 May 17
Hot rolled coil (commodity)	580–600*	0%	03 May 17
Cold rolled coil	660–720*	0%	03 May 17
Hot dipped galvanized 0.012–0.015, G30	880–920*	0%	03 May 17
ERW linepipe (X42)	840–840*	0%	25 Apr 17
OCTG API5CT – casing J55	970–970*	–3% ▼	25 Apr 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)	520–540*	–0.93% ▼	03 May 17
Wire rod (mesh quality fob mill)	550–570*	0%	26 Apr 17
Plate (fob mill)	730–730*	0%	28 Apr 17
Hot rolled sheet (fob mill)	630–630*	–1.56% ▼	04 May 17
Cold rolled sheet (fob mill)	830–830*	–1.19% ▼	04 May 17
Hot-dip galvanized (base) Midwest (fob mill)	835–835*	–1.18% ▼	04 May 17
ERW linepipe (X42) (fob mill)	990–990*	0%	25 Apr 17
OCTG API5CT – casing J55 (fob mill)	1,200–1,200*	0%	25 Apr 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%	28 Apr 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	420–425*	2.42% ▲	02 May 17
Wire rod (mesh quality)	420–425*	2.42% ▲	02 May 17
Heavy plate	430–435*	1.76% ▲	02 May 17
Hot rolled coil	425–435*	1.78% ▲	02 May 17
Cold rolled coil	460–470*	2.2% ▲	02 May 17
Galvanized coil 1mm	530–540*	2.39% ▲	02 May 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	3,260–3,300*	–2.24% ▼	05 May 17
Wire rod (mesh)	3,230–3,250*	–2.99% ▼	05 May 17
Sections	3,060–3,100*	3.88% ▲	05 May 17
Plate	3,170–3,210*	–0.31% ▼	05 May 17
Hot rolled coil (min 2mm)	2,950–2,970*	–6.18% ▼	05 May 17
Cold rolled coil (0.5 – 2 mm)	3,450–3,480*	–2.26% ▼	05 May 17
Hot-dip galvanized coil	4,100–4,150*	–3.06% ▼	05 May 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	2,920–2,920*	–1.68% ▼	05 May 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	2,910–2,940*	–5.65% ▼	05 May 17
Rebar	3,330–3,400*	–1.61% ▼	05 May 17

† week-on-week change

	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	3,650–3,700*	-0.27%	▼ 05 May 17
Wire rod (mesh)	3,580–3,600*	-1.37%	▼ 05 May 17
Sections	3,370–3,400*	-1.02%	▼ 05 May 17
Plate	3,250–3,280*	-0.76%	▼ 05 May 17
Hot rolled coil (min 2mm)	3,000–3,050*	-5.47%	▼ 05 May 17
Cold rolled coil (0.5 – 2 mm)	3,680–3,720*	-1.73%	▼ 05 May 17
Hot-dip galvanized coil	4,100–4,150*	-4.18%	▼ 05 May 17
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel, \$ per tonne cfr</i>			
Billet	393–405*	1.01%	▲ 01 May 17
Slab (Asia/East Asia)	415–420*	-1.76%	▼ 01 May 17
Hot rolled coil (Vietnam)	430–445*	3.55%	▲ 01 May 17
Rebar (Singapore)	395–405*	-0.62%	▼ 01 May 17
Wire rod (low carbon)	415–425*	0%	01 May 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	370–380*	0%	05 May 17
Plate (12–40mm)	430–440*	-6.45%	▼ 05 May 17
Hot rolled coil (commodity)	460–465*	-1.07%	▼ 05 May 17
Hot-dip galvanized coil	730–740*	4.63%	▲ 05 May 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)	440–450*	0%	05 May 17
Hot rolled coil (commodity)	435–440*	-2.23%	▼ 05 May 17
Hot rolled coil (CR grade)	440–445*	-0.56%	▼ 05 May 17
Cold rolled	480–490*	1.04%	▲ 05 May 17
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	25,200–25,400*	-5.6%	▼ 05 May 17
Heavy plate	37,000–37,500*	0%	05 May 17
Hot rolled coil	38,500–39,000*	0%	05 May 17
Cold rolled coil	41,500–42,000*	0%	05 May 17
DRI	16,200–16,400*	-6.32%	▼ 05 May 17
Hot-dip galvanized coil	46,000–46,500*	0%	05 May 17
Rebar	26,500–26,700*	-6.99%	▼ 05 May 17

STEELBENCHMARKER™ PRICES

	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	800	-2.56%	▼ 24 Apr 17
Standard plate (\$/short ton)	726	-2.55%	▼ 24 Apr 17
Hot rolled coil (\$/metric tonne)	704	-1.26%	▼ 24 Apr 17
Hot rolled coil (\$/short ton)	639	-1.24%	▼ 24 Apr 17
Cold rolled coil (\$/metric tonne)	894	-1.76%	▼ 24 Apr 17
Cold rolled coil (\$/short ton)	811	-1.82%	▼ 24 Apr 17
Region: Mainland China			
Rebar	404	-6.91%	▼ 24 Apr 17
Standard plate	397	-7.03%	▼ 24 Apr 17
Hot rolled coil	371	-8.17%	▼ 24 Apr 17
Cold rolled coil	457	-6.54%	▼ 24 Apr 17
Region: World export market			
Hot rolled coil (\$/metric tonne)	510	-3.23%	▼ 24 Apr 17

STAINLESS STEEL			
	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	1,880–1,930*	0%	03 May 17
Grade 304 HR sheet	1,800–1,850*	0%	03 May 17
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	13,300–13,600*	-1.47%	▼ 04 May 17
Grade 430 2mm CR coil	8,200–8,250*	-0.6%	▼ 04 May 17
EU export			
€/tonne fob N. European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,449–2,520*	0.1%	▲ 05 May 17
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N. Europe Base price	1,140–1,170*	0.22%	▲ 05 May 17
Alloy surcharge	1,309–1,350*	0%	05 May 17
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,465–1,485*	0%	05 May 17
Alloy surcharge	1,873–1,936*	0%	05 May 17
304 stainless steel bright bar, €/tonne			
Base price	970–1,000*	0%	05 May 17
Alloy surcharge	1,580–1,698*	0%	05 May 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	106–106*	-3.21%	▼ 04 May 17
Grade 316 coiled plate	141–141*	-1.4%	▼ 04 May 17
Grade 304 cold rolled sheet	125–125*	-2.73%	▼ 04 May 17
Grade 316L cold rolled sheet	162–162*	-1.52%	▼ 04 May 17
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,260.15*	0.01%	▲ 02 May 17

CHINA IRON ORE

cfr main China port \$ per dry metric tonne

	Price	Change [†]	Assessed
Iron ore index (62% Fe)	61.73*	-10.28%	▼ 05 May 17
Iron ore pellet index cfr Qingdao (65% Fe)	86.57*	0.22%	▲ 05 May 17
Iron ore concentrate index cfr Qingdao (66% Fe)	74.35*	-1.56%	▼ 05 May 17
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.02*	-23.88%	▼ 02 May 17

IRAN IRON ORE

cfr China US \$ per tonne

	Price	Change [†]	Assessed
Iron ore fines index (60% Fe)	61.07–61.07*	1.31%	▲ 03 May 17

COKING COAL

\$ per metric tonne

	Price	Change [†]	Assessed
Premium hard coking coal cfr China	181.66–181.66*	-9.31%	▼ 05 May 17
Hard coking coal cfr China	170.24–170.24*	-5.55%	▼ 05 May 17
Premium hard coking coal fob Australia	184.37–184.37*	-22.73%	▼ 05 May 17
Hard coking coal fob Australia	170.11–170.11*	-20%	▼ 05 May 17
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,400–1,610*	-1.63%	▼ 05 May 17
65% CSR coke \$/tonne fob Tianjin	310–320*	-0.79%	▼ 02 May 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*	–3.03% ▼	05 May 17
UK ferrous scrap export			
<i>MB assessment \$/tonne cfr main UK port</i>			
HMS 1&2 (80:20 mix)	254–257*	3.86% ▲	05 May 17
Shredded	259–262*	3.78% ▲	05 May 17
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	303.22*	2.37% ▲	28 Apr 17
HMS 1&2 (80:20 mix)	275–285*	–1.75% ▼	05 May 17
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	830–880*	–2.84% ▼	05 May 17
18/8 turnings	705–750*	–2.68% ▼	05 May 17
12–13% Cr solids	200–230*	0%	05 May 17
16–17% Cr solids	230–260*	0%	05 May 17
Cif Europe stainless € per tonne			
18/8 solids	1,050–1,100*	–3.15% ▼	05 May 17
18/8 turnings	945–990*	–3.25% ▼	05 May 17
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	248.94*	2.46% ▲	05 May 17
HMS 1&2 (70:30 mix)	249–251*	3.31% ▲	05 May 17
Shredded	259–261*	3.17% ▲	05 May 17
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	264.11*	1.43% ▲	05 May 17
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	273.20*	1.86% ▲	05 May 17
HMS 1&2 (75:25 mix)	266–268*	3.09% ▲	05 May 17
Shredded	277–280*	2.77% ▲	05 May 17

	Price	Change	Assessed
Turkish domestic			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	260–266*	0%	02 May 17
Auto bundle scrap (Turkish lira/tonne)	835–970*	–2.43% ▼	02 May 17
USA export			
<i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	249*	–2.73% ▼	03 May 17
Shredded	254*	–2.68% ▼	03 May 17
USA domestic			
<i>AMM Midwest index \$/gross ton delivered mill</i>			
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			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	1,520–1,720*	0%	05 May 17
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	230–235*	0%	05 May 17
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	230.60	–1.41% ▼	03 Apr 17
No E1 (old steel scrap)	215	–1.29% ▼	03 Apr 17
No E3 (old thick steel scrap)	232	–0.73% ▼	03 Apr 17
No E40 (shredded steel scrap)	236.20	–2.68% ▼	03 Apr 17
No E5 (steel turnings)	190.20	–1.19% ▼	03 Apr 17
<i>MB assessment €/tonne delivered at mill</i>			
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			
<i>MB assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	245	–0.98% ▼	26 Apr 17
No E8 (thin new production steel)	260	–1.85% ▼	26 Apr 17

SCRAP SUBSTITUTES

	Price	Change†	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	330–350*	–1.45% ▼	04 May 17
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	215–220*	0%	05 May 17
Pig iron fob Vitoria/Rio	345–350*	–5.44% ▼	05 May 17
Pig iron fob Ponta da Maderia	365–370*	–4.55% ▼	05 May 17
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	380–385*	–4.38% ▼	05 May 17
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	399–400*	0%	04 May 17
Pig iron Black Sea	300–340*	–1.54% ▼	04 May 17
China domestic yuan/tonne delivered warehouse			
Pig iron	2,330–2,410*	–2.27% ▼	05 May 17

† week-on-week change

continued >>

NON-FERROUS SCRAP EUROPE

	Price	Change†	Assessed
Aluminium			
European free market MB assessment €/tonne			
Floated frag	1,320–1,360*	–0.74%	▼ 05 May 17
Cast	1,210–1,250*	–0.81%	▼ 05 May 17
Mixed turnings 6%	1,110–1,150*	–1.31%	▼ 05 May 17
Germany per 1000kg			
Pure cuttings	1,390–1,470	–0.69%	▼ 03 May 17
Commercial cast	1,250–1,370	–0.76%	▼ 03 May 17
H9 extrusions	1,710–1,810	–1.68%	▼ 03 May 17
Alloy turnings	1,040–1,160	–0.9%	▼ 03 May 17
Source: VDM			
France per 1000kg			
Pure cuttings	1,580–1,600	–2.75%	▼ 02 May 17
Old rolled	800–835	–1.51%	▼ 02 May 17
Commercial cast	930–960	–1.56%	▼ 02 May 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Pure cuttings	1,300–1,400	0%	28 Apr 17
Old mixed scrap	1,215–1,265	–0.4%	▼ 28 Apr 17
Commercial cast	1,130–1,180	0%	28 Apr 17
Source: Assomet			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,000–5,130	–1.55%	▼ 03 May 17
Heavy copper	4,500–4,740	–0.65%	▼ 03 May 17
Heavy brass	3,070–3,310	–0.93%	▼ 03 May 17
Brass turnings (MS 58)	3,470–3,670	–0.83%	▼ 03 May 17
Brass sheet (MS 63)	3,750–3,880	–0.78%	▼ 03 May 17
Source: Verein Deutscher Metallhandler			
France per 1000kg			
Electro cuttings	4,700–4,750	2.16%	▲ 02 May 17
No 1 bright wire	4,300–4,330	1.89%	▲ 02 May 17
Mixed (96%)	4,100–4,150	1.48%	▲ 02 May 17
Brass plate cuttings 70/30	3,500–3,550	0%	02 May 17
Brass turnings	2,900–2,950	0%	02 May 17
Mixed brass	2,900–2,950	2.63%	▲ 02 May 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Electrolytic dd EN 12861–S–Cu–2	4,990–5,070	0.1%	▲ 28 Apr 17
Enamelled wire EN 12861–S–Cu–3	4,830–4,912	0.1%	▲ 28 Apr 17
New from tubes, strips etc EN 12861–S–Cu–4	4,910–5,058	0%	28 Apr 17
Old from tubes, strips etc 12861–S–Cu–7	4,677–4,759	0.11%	▲ 28 Apr 17
EN12861–S–Cu–Zn–1–A–Cu 63.5%	3,955–4,035	0.13%	▲ 28 Apr 17
Mixed from valves/taps EN 12861–S–Cu–Zn–6	3,140–3,470	0.3%	▲ 28 Apr 17
Several 95% m/m 12861–S–Cu–Zn–7	3,205–3,283	0.15%	▲ 28 Apr 17
Source: Assomet			

STEELBENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	286	–1.72%	▼ 24 Apr 17
Shredded scrap (\$/gross ton)**	290	–1.69%	▼ 24 Apr 17
No 1 heavy melting scrap (\$/metric tonne)	257	–3.38%	▼ 24 Apr 17
No 1 heavy melting scrap (\$/gross ton)	261	–3.69%	▼ 24 Apr 17
No 1 busheling scrap (\$/metric tonne)	363	4.01%	▲ 24 Apr 17
No 1 busheling scrap (\$/gross ton)	369	4.24%	▲ 24 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*	0%	03 May 17
Commercial pure cuttings	1,130–1,200*	–2.51%	▼ 03 May 17
Clean HE9 extrusions	1,400–1,450*	–1.04%	▼ 03 May 17
Loose old rolled cuttings	850–925*	0%	03 May 17
Baled old rolled	950–1,000*	0%	03 May 17
Commercial cast	1,030–1,070*	–0.94%	▼ 03 May 17
Cast wheels	1,250–1,310*	0%	03 May 17
Commercial turnings	700–770*	–1.34%	▼ 03 May 17
Group 7 turnings	600–700*	–2.26%	▼ 03 May 17

MB and LME aluminium scrap discounts

£ per tonne			
Group 1 pure 99% & Litho	42–92*	–24.72%	▼ 03 May 17
Commercial pure cuttings	292–362*	2.51%	▲ 03 May 17
Clean HE9 extrusions	42–92*	–9.46%	▼ 03 May 17
Loose old rolled cuttings	390–465*	3.89%	▲ 03 May 17
Baled old rolled	315–365*	4.94%	▲ 03 May 17
Commercial cast	245–285*	10.88%	▲ 03 May 17
Cast wheels	5–65*	84.21%	▲ 03 May 17
Commercial turnings	545–615*	4.69%	▲ 03 May 17
Group 7 turnings	615–715*	4.89%	▲ 03 May 17

Titanium

\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.80–0.90*	0%	03 May 17
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.72–0.82*	0%	03 May 17

Copper scrap discount

cents/lb			
No 2 copper (birch/cliff) imported into China 94–96% cif China	28–30*	–3.33%	▼ 24 Apr 17

† week-on-week change

continued >>

NON-FERROUS FOUNDRY INGOTS

	Price	Change [†]	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,600–1,650*	0%	03 May 17
LM6/LM25 gravity diecasting ingot	1,770–1,850*	0.28% ▲	03 May 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	1,770–1,850*	-1.36% ▼	05 May 17
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.91–0.92*	-0.54% ▼	04 May 17
AFFIMET €/tonne			
AS12	3,760	0%	01 May 17
AS12 UN	3,020	-1.63% ▼	01 May 17
AS9 U3	2,395	-2.04% ▼	01 May 17
AS5 U3	2,745	-1.79% ▼	01 May 17
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,340–2,440	-0.42% ▼	03 May 17
DIN 231	2,420–2,520	-0.4% ▼	03 May 17
DIN 311	2,400–2,500	-0.41% ▼	03 May 17
Aluminium bronze £/tonne UK			
AB1 ex-works	4,500	0%	02 May 17
AB2 ex-works	4,600	0%	02 May 17
Source: C. F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	3,650	0%	02 May 17
High tensile HTB1 ex-works	3,750	0%	02 May 17
Source: C. F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,500	0%	02 May 17
LG4 87/7/3/3 ex-works	5,200	0%	02 May 17
G1 1.15 PB ex-works	5,950	0%	02 May 17
Source: C. F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,550	0%	02 May 17
Source: C. F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,100	0%	02 May 17
15% P ex-works	6,200	0%	02 May 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: April

BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne	90.00	99.78
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne	145.71	159.29
Alumina		
Index fob Australia	308.11	
Copper		
US High-grade cathode premium indicator, \$/tonne	115.74	126.77
Nickel		
Free market in warehouse premium		
Europe \$/tonne Uncut cathodes	135.00	172.50
4x4 cathodes	257.50	305.00
Briquettes	180.00	215.00
US Melting \$/lb	0.19	0.25
Tin		
European free market		
Spot Premium 99.9%, \$/tonne	318.75	366.25
Spot premium 99.85%, \$/tonne	307.50	328.75
Kuala Lumpur (ex-smelter), \$/tonne	19,875.26	

MINOR METALS

Antimony		
MB free market Regulus 99.65%, max Se 50ppm, in warehouse,\$/tonne	8,850.00	9,100.00
MMTA Standard grade II, \$/tonne	8,775.00	9,037.50
Bismuth		
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb	4.66	5.06
Cadmium		
MB free market min 99.95%, in warehouse, cents/lb	74.63	81.63
min 99.99%, in warehouse cents/lb	77.63	86.13
Cobalt		
MB free market High Grade, in warehouse, \$/lb	27.08	28.44
Low Grade, in warehouse, \$/lb	24.82	26.34
Germanium Dioxide		
MB free market min 99.99%, \$/kg	697.50	780.00
Rotterdam, \$/kg	1,050.00	1,206.25
Indium		
MB free market ingots, min 99.97%, in warehouse, \$/kg	190.00	223.75
Magnesium		
MB free market min 99.8%, \$/tonne	2,200.00	2,300.00
China free market min 99.8%, \$/tonne	2,230.00	2,247.50
Mercury		
MB free market min 99.99%, in warehouse, \$/flask	1,100.00	1,337.50
Selenium		
MB free market min 99.5% in warehouse, \$/lb	18.88	21.46

	<i>Low</i>	<i>High</i>
Silicon		
MB free market, €/tonne	1,900.00	1,980.00
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.59	5.01

ORES & ALLOYS

	<i>Low</i>	<i>High</i>
Molybdenum		
Free market in warehouse Europe drummed molybdic oxide \$/lb Mo	8.79	8.91
US canned molybdic oxide \$/lb Mo	8.95	9.15
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	21.73	22.12
Tungsten		
European free market APT, \$/mtu	207.50	216.25
Ferro-tungsten		
basis 75% W min, \$/kg	24.66	25.43
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	5.68	6.03
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	27.43	28.34
US Free market 70-80%, \$/lb	12.31	12.81

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,267.15
	Afternoon	1,265.63
London £/troy oz	Morning	1,002.83
	Afternoon	1,001.23
\$/troy oz	Handy/Harman	1,266.88
Palladium		
Morning \$/troy oz		799.17
Afternoon \$/troy oz		799.89
Platinum: per troy oz		
Morning \$/troy oz		961.17
Afternoon \$/troy oz		959.89
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	973.06	1,073.06
Silver		
London		
spot pence/troy oz		1,428.94
spot cents/troy oz		1,805.83
Handy/Harman cents/troy oz		1,803.34

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24, £/tonne	1,592.50	1,642.50
LM6/LM25, £/tonne	1,770.00	1,840.00
Aluminium Europe €/tonne	1,813.33	1,886.67
Phosphor Bronze		
PB1 ex-works, £/tonne	6,616.67	
Zinc Alloy		
ZL3, £/tonne	2,763.00	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.26
\$/yen	110.17
\$/€	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 April (18 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	April 2017 Low \$	High \$	April average \$
Aluminium (\$)			
Cash	1,700.50	1,961.00	1,930.61
3 months	1,688.25	1,971.75	1,940.90
Settlement	1,701.00	1,962.00	1,930.94
3 months seller	1,688.50	1,972.00	1,941.31
Copper Grade A (\$)			
Cash	5,500.25	6,144.50	5,697.36
3 months	5,517.00	6,155.50	5,727.26
Settlement	5,500.50	6,145.00	5,697.67
3 months seller	5,518.00	6,156.00	5,728.00
Copper Grade A (£)			
Settlement	4,358.03	4,954.94	4,508.65
3 months seller	4,370.49	4,922.04	4,521.58
Lead (\$)			
Cash	2,006.75	2,441.50	2,230.78
3 months	2,021.00	2,444.50	2,230.44
Settlement	2,007.00	2,442.00	2,231.31
3 months seller	2,022.00	2,445.00	2,231.03
Lead (£)			
Settlement	1,635.70	1,950.95	1,765.87
3 months seller	1,644.30	1,949.45	1,761.45
Nickel (\$)			
Cash	9,180.00	11,042.50	9,664.86
3 months	9,222.50	11,092.50	9,721.81
Settlement	9,190.00	11,045.00	9,668.61
3 months seller	9,225.00	11,095.00	9,725.83
Tin (\$)			
Cash	18,757.50	21,295.00	19,981.94
3 months	18,755.00	21,212.50	19,951.11
Settlement	18,760.00	21,300.00	19,991.39
3 months seller	18,760.00	21,225.00	19,960.00

	April 2017 Low \$	High \$	April average \$
Zinc (\$)			
Cash	2,529.50	2,970.50	2,632.50
3 months	2,554.50	2,958.25	2,649.19
Settlement	2,530.00	2,971.00	2,633.03
3 months seller	2,555.00	2,958.50	2,649.75
Cobalt (\$)			
Cash	32,750.00	56,250.00	55,319.58
3 months	32,750.00	56,250.00	55,319.44
Settlement	33,000.00	56,500.00	55,555.83
3 months seller	33,000.00	56,500.00	55,569.44
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	1,682.22
3 months	1,560.00	1,725.00	1,691.11
Settlement	1,545.00	1,720.00	1,687.22
3 months seller	1,565.00	1,730.00	1,696.11
Nasaa (\$)			
Cash	1,695.00	1,945.00	1,784.26
3 months	1,725.00	1,960.00	1,815.14
Settlement	1,700.00	1,950.00	1,785.53
3 months seller	1,730.00	1,965.00	1,818.89
Steel Billet (\$)			
Cash	0.25	312.50	104.33
3 months	0.25	312.50	104.33
Settlement	0.00	325.00	108.33
3 months seller	0.00	325.00	108.33

LME SETTLEMENT CONVERSION RATES

\$/£	1.26
\$/yen	110.33
\$/€	1.07