

Prices

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NEW YORK FUTURES				
	Price	Change [†]		Assessed
Comex: Copper high grade cents/lb				
Settlement	259.80	1.33%	▲	22 Jun 17
Open interest	262,623	0.78%	▲	21 Jun 17
Stocks (short ton)	162,330	0.12%	▲	21 Jun 17
Comex: Gold \$/troy oz				
Settlement	1,247.60	-0.37%	▼	22 Jun 17
Open interest	446,703	-5.76%	▼	21 Jun 17
Stocks (troy oz)	8,625,925	-0.13%	▼	21 Jun 17
Nymex: Palladium \$/troy oz				
Settlement	898.40	3.41%	▲	22 Jun 17
Stocks (troy oz)	41,734	0%		21 Jun 17
Nymex: Platinum \$/troy oz				
Settlement	925.60	0.47%	▲	22 Jun 17
Stocks (troy oz)	225,492	-0.04%	▼	21 Jun 17
Comex: Silver cents/troy oz				
Settlement	1,649.00	-1.2%	▼	22 Jun 17
Open interest	201,182	-0.6%	▼	21 Jun 17
SHANGHAI FUTURES				
	Price	Change [†]		Assessed
Aluminium yuan/tonne	13,875	2.55%	▲	23 Jun 17
Copper yuan/tonne	46,560	2.46%	▲	23 Jun 17
Nickel cathode yuan/tonne	74,000	1.86%	▲	23 Jun 17
Tin ingot yuan/tonne	144,440	0%		23 Jun 17
Zinc yuan/tonne	22,510	4.14%	▲	23 Jun 17
Steel rebar month 1 yuan/tonne	3,576	-0.61%	▼	23 Jun 17
Steel rebar month 2 yuan/tonne	3,339	-3.02%	▼	23 Jun 17
Steel rebar month 3 yuan/tonne	3,168	-2.91%	▼	23 Jun 17
Weekly stocks deliverable				
Aluminium (tonnes)	432,241	-0.2%	▼	23 Jun 17
Copper (tonnes)	185,281	-6.9%	▼	23 Jun 17
Nickel cathode (tonnes)	76,843	-1.36%	▼	23 Jun 17
Tin ingot (tonnes)	4,748	6.94%	▲	23 Jun 17
Zinc (tonnes)	73,368	2.24%	▲	23 Jun 17
Steel rebar (tonnes)	295	-66.74%	▼	23 Jun 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	1,867-1,868	0.4%	▲	23 Jun 17
Cash unofficial	1,864-1,864.5	0.09%	▲	22 Jun 17
3 months official	1,875-1,875.5	0.21%	▲	23 Jun 17
3 months unofficial	1,873-1,873.5	0.07%	▲	22 Jun 17
LME Tapo notional average price (NAP)	1,889.31	-0.47%	▼	22 Jun 17
LME stocks (tonnes)	1,429,525	-0.23%	▼	22 Jun 17
Aluminium alloy (A380.1/DIN/D12S) \$				
LME cash official	1,590-1,600	0%		23 Jun 17
LME cash unofficial	1,589.5-1,599.5	-0.06%	▼	22 Jun 17
LME 3 months official	1,600-1,610	0%		23 Jun 17
LME 3 months unofficial	1,600-1,610	0%		22 Jun 17
LME stocks (tonnes)	12,340	2.32%	▲	22 Jun 17

	Price	Change		Assessed
N. American special aluminium alloy				
LME cash official	1,790-1,791	-0.26%	▼	23 Jun 17
LME cash unofficial	1,801-1,811	0.33%	▲	22 Jun 17
LME 3 months official	1,805-1,810	-0.28%	▼	23 Jun 17
LME 3 months unofficial	1,815-1,825	0.28%	▲	22 Jun 17
LME stocks (tonnes)	156,900	3.48%	▲	22 Jun 17
Copper grade A \$				
LME cash official	5,773-5,774	2.1%	▲	23 Jun 17
LME cash unofficial	5,731-5,736	1.97%	▲	22 Jun 17
LME 3 months official	5,796-5,797	2.08%	▲	23 Jun 17
LME 3 months unofficial	5,752-5,757	1.87%	▲	22 Jun 17
LME Tapo notional average price (NAP)	5,651.22	0.24%	▲	22 Jun 17
LME stocks (tonnes)	258,700	-3.63%	▼	22 Jun 17
Lead \$				
LME cash official	2,186-2,186.5	4.94%	▲	23 Jun 17
LME cash unofficial	2,180-2,182	4.3%	▲	22 Jun 17
LME 3 months official	2,205-2,207	4.72%	▲	23 Jun 17
LME 3 months unofficial	2,200-2,202	4.21%	▲	22 Jun 17
LME stocks (tonnes)	171,350	-2.41%	▼	22 Jun 17
Nickel \$				
LME cash official	9,160-9,170	2.95%	▲	23 Jun 17
LME cash unofficial	9,025-9,035	2.21%	▲	22 Jun 17
LME 3 months official	9,185-9,200	2.45%	▲	23 Jun 17
LME 3 months unofficial	9,075-9,085	2.08%	▲	22 Jun 17
LME stocks (tonnes)	375,852	-0.29%	▼	22 Jun 17
Tin \$				
LME cash official	19,490-19,495	-0.79%	▼	23 Jun 17
LME cash unofficial	19,580-19,630	0.95%	▲	22 Jun 17
LME 3 months official	19,275-19,325	-0.55%	▼	23 Jun 17
LME 3 months unofficial	19,475-19,525	1.04%	▲	22 Jun 17
LME stocks (tonnes)	1,790	-5.29%	▼	22 Jun 17
Zinc special high grade \$				
LME cash official	2,724-2,725	8.3%	▲	23 Jun 17
LME cash unofficial	2,688.5-2,690.5	8.25%	▲	22 Jun 17
LME 3 months official	2,725-2,727	7.83%	▲	23 Jun 17
LME 3 months unofficial	2,693-2,695	7.67%	▲	22 Jun 17
LME stocks (tonnes)	301,900	-3.87%	▼	22 Jun 17
Cobalt min 99.3%				
LME cash official	58,000-58,500	0.87%	▲	23 Jun 17
LME 3 months official	58,000-58,500	0.87%	▲	23 Jun 17
LME stocks (tonnes)	741	-1.2%	▼	22 Jun 17
Molybdenum \$				
LME cash official	15,500-16,000	-8.7%	▼	23 Jun 17
LME 3 months official	15,500-16,000	-8.7%	▼	23 Jun 17
LME stocks (tonnes)	0	0%		22 Jun 17
Gold \$/troy oz				
London morning	1,256.30	-0.02%	▼	23 Jun 17
London afternoon	1,250.80	-0.3%	▼	22 Jun 17
Handy/Harman	1,250.80	-0.3%	▼	22 Jun 17
Silver per troy oz				
London spot pence	1,311.72	0.02%	▲	23 Jun 17

[†] week-on-week change

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	Price	Change	Assessed
London spot cents	1,671	-0.3%	▼ 23 Jun 17
Handy/Harman	1,657	-0.99%	▼ 22 Jun 17
Palladium \$/troy oz			
London morning	886	3.87%	▲ 22 Jun 17
London afternoon	889	3.25%	▲ 22 Jun 17
Platinum \$/troy oz			
London morning	929	-0.54%	▼ 22 Jun 17
London afternoon	933	1.3%	▲ 22 Jun 17
Kuala Lumpur tin market			
Tin \$/tonne	19,400	-0.51%	▼ 23 Jun 17
ICDX			
Tin PB300 settlement price \$/tonne	19,580	1.19%	▲ 22 Jun 17
Tin PB300 volume, tonnes	15	7.14%	▲ 22 Jun 17

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change [†]	Assessed
Copper	74,992.13	2.69%	▲ 23 Jun 17
Aluminium	24,261.40	0.96%	▲ 23 Jun 17
Lead	28,398.04	5.56%	▲ 23 Jun 17
Zinc	35,392.03	8.94%	▲ 23 Jun 17
Nickel	119,099.04	3.58%	▲ 23 Jun 17
Tin	253,199.11	-0.21%	▼ 23 Jun 17

EXCHANGE RATES

	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.2726	-0.29%	▼ 23 Jun 17
\$/¥	111.2500	-0.13%	▼ 23 Jun 17
\$/€	1.1173	0.12%	▲ 23 Jun 17
Closing rates, midpoint			
\$/£	1.2661	-0.78%	▼ 22 Jun 17
\$/¥	111.3400	0.68%	▲ 22 Jun 17
\$/€	1.1157	0.06%	▲ 22 Jun 17
£/€	1.1348	-0.85%	▼ 22 Jun 17
\$/CNY	6.8309	0.49%	▲ 22 Jun 17

BASE METALS ARBITRAGE

	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-328.39*	-10.33%	▼ 23 Jun 17
Import arbitrage, RMB/tonne	-2,251.29*	-9.97%	▼ 23 Jun 17
Copper			
Import arbitrage, \$/tonne	-123.99*	66.94%	▲ 23 Jun 17
Import arbitrage, RMB/tonne	-850.02*	67.63%	▲ 23 Jun 17
Nickel			
Import arbitrage, \$/tonne	-221.89*	259.69%	▲ 23 Jun 17
Import arbitrage, RMB/tonne	-1,521.15*	261.13%	▲ 23 Jun 17
Zinc			
Import arbitrage, \$/tonne	-50.69*	-147.39%	▼ 23 Jun 17
Import arbitrage, RMB/tonne	-347.50*	-147.58%	▼ 23 Jun 17

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

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	Price	Change [†]	Assessed
Copper			
Annual premium 8mm wire rod, cif			
Nhava Sheva, \$/tonne	160-190*	-12.5%	▼ 03 May 17
Rotterdam, Grade A, cathode, cif, \$/tonne	35.0-45.0*	0%	20 Jun 17
North European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-15.0*	0%	20 Jun 17
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0-55.0*	-4.76%	▼ 20 Jun 17
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	50.00*	-3.85%	▼ 20 Jun 17
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	60.0-65.0*	0%	20 Jun 17
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	63.00*	1.61%	▲ 20 Jun 17
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	20 Jun 17
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	60.0-72.0*	5.6%	▲ 23 Jun 17
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	67.00*	3.08%	▲ 23 Jun 17
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	58.0-70.0*	4.07%	▲ 23 Jun 17
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	65.00*	6.56%	▲ 23 Jun 17
MB free market US: High-grade cathode premium indicator, \$/tonne	110.2-121.3*	0%	20 Jun 17
Aluminium			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	70.0-85.0*	0%	23 Jun 17
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	77.00*	1.32%	▲ 23 Jun 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	95.00-105.00*	-4.76%	▼ 20 Jun 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	99.00*	-5.71%	▼ 20 Jun 17
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0-20.0*	0%	20 Jun 17
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	90.0-105.0*	0%	20 Jun 17
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	97.00*	0%	20 Jun 17
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	100.0-115.0*	-4.44%	▼ 20 Jun 17
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	108.00*	-2.7%	▼ 20 Jun 17
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,735*	0%	21 Jun 17
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	118.0-119.0*	-7.42%	▼ 20 Jun 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	125.0-140.0*	0%	23 Jun 17
Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne	330.0-345.0*	1.5%	▲ 16 Jun 17
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.079-0.082*	-4.48%	▼ 20 Jun 17
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	240.0-270.0*	0%	20 Jun 17
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	160.0-170.0*	0%	20 Jun 17

† 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	280.0–300.0*	0%	16 Jun 17
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0–20.0*	20% ▲	20 Jun 17
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0–20.0*	0%	20 Jun 17
USA lead premium 99.97%, delivered domestic, \$/lb	0.10–0.11*	0%	20 Jun 17
USA lead premium 99.97%, delivered domestic, cents/lb	9.50–11.00*	0%	20 Jun 17
USA lead premium 99.99%, delivered domestic, cents/lb	11.00–13.00*	0%	20 Jun 17
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	145.0–160.0*	5.17% ▲	20 Jun 17
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	155.00*	6.9% ▲	20 Jun 17
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	145.0–160.0*	5.17% ▲	20 Jun 17
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	155.00*	6.9% ▲	20 Jun 17
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	50–90*	0%	20 Jun 17
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	5–15*	0%	20 Jun 17
uncut cathodes premium indicator	150.0–180.0*	0%	20 Jun 17
4x4 cathodes premium indicator	220.0–280.0*	0%	20 Jun 17
briquettes premium indicator	180.0–220.0*	0%	20 Jun 17
US: melting premium indicator, \$/lb	0.190–0.250*	0%	20 Jun 17
Tin			
MB European free market			
Spot premium 99.9%, \$/tonne	315–355*	0%	20 Jun 17
Spot premium 99.85%, \$/tonne	290–320*	0%	20 Jun 17
United States New York spot, cents/lb	909–910	–0.55% ▼	22 Jun 17
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	80.0–90.0*	0%	20 Jun 17
MB EU: Special high grade, fca Rotterdam, \$/tonne	135.0–145.0*	0%	20 Jun 17
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	85.0–100.0*	0%	20 Jun 17
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	90.0–100.0*	0%	20 Jun 17
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	94.00*	0%	20 Jun 17
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	170.0–180.0*	2.94% ▲	20 Jun 17
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	180.00*	5.88% ▲	20 Jun 17
MB US: Special high grade, \$/lb	0.083–0.093*	0%	20 Jun 17

BASE METALS			
	Price	Change*	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne	2,600.0–2,650.0*	0%	22 Jun 17
Alumina Index fob Australia	309.18*	–1.39% ▼	22 Jun 17
Alumina Index fob Brazil	–9.17*		22 Jun 17
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	300.01*		22 Jun 17
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	36*	0%	22 Jun 17
fob Trombetas, Brazil \$/tonne per dmtu	35*	1.47% ▲	22 Jun 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):	5,147.8–5,175.9	–0.05% ▼	21 Jun 17
cathodes:	5,100.0–5,170.0	–0.39% ▼	21 Jun 17
South Africa: Palabora copper rod 7.90mm, Rand/tonne	84,532.280	–3.44% ▼	01 Jun 17
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.32–8.32*	–0.36% ▼	15 Jun 17
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	83.20–83.20*	–0.36% ▼	15 Jun 17
Shanghai bonded copper stocks, tonnes	545,000–555,000*	–8.33% ▼	19 Jun 17
Nickel			
Nickel pig iron high grade NPI content 10–15% contract price delivered duty paid China RMB per nickel unit price	770.00–790.00*	1.3% ▲	20 Jun 17
Nickel pig iron high grade NPI content 10–15% spot price China RMB per nickel unit price	770.00–800.00*	1.95% ▲	20 Jun 17
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	28–31*	0%	20 Jun 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	43–45*	0%	20 Jun 17
Lead			
Germany: (VDM) virgin soft, €/tonne	2,090.00–2,090.002.96%	▲	21 Jun 17
European automotive battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Soft lead (average)	155.37*	–0.12% ▼	01 Jun 17
Ca/Ca grid grid lead (average)	445.91*	–0.19% ▼	01 Jun 17
Connector lead (average)	591.42*	0.69% ▲	01 Jun 17
European industrial battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Stand-by refined or soft lead (average)	280.13*	–0.12% ▼	01 Jun 17
Traction refined or soft lead (average)	279.02	–1.32% ▼	01 Jun 17
<i>For an explanation of these premiums, see http://www.eurobat.org/statistics</i>			
Zinc			
Germany: (VDM) virgin, €/tonne	2,520.00–2,520.00	7.23% ▲	21 Jun 17
UK: Special high grade, delivered monthly average price £/tonne	2,171*	–1.23% ▼	01 Jun 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	920–1,020*	2.11%	▲	23 Jun 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	960	1.59%	▲	23 Jun 17
Englehard base price: \$/troy oz	965	0%		23 Jun 17
Palladium				
European free market: min 99.9%, \$/troy oz in-warehouse	889–899*	2.82%	▲	23 Jun 17
Englehard base price: \$/troy oz	890	1.83%	▲	23 Jun 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	899	2.39%	▲	23 Jun 17
Platinum				
European free market: min 99.9%, \$/troy oz in-warehouse	929–935*	0.92%	▲	23 Jun 17
Englehard base price: \$/troy oz	931	0.32%	▲	23 Jun 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	935	1.08%	▲	23 Jun 17
Rhodium				
European free market: min 99.9%, \$/troy oz in-warehouse	950–1,050*	2.04%	▲	23 Jun 17
Englehard base price: \$/troy oz	1,020	3.55%	▲	23 Jun 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	1,015	3.57%	▲	23 Jun 17
Ruthenium				
European free market: min 99.9%, \$/troy oz in-warehouse	60–70*	0%		23 Jun 17
Englehard base price: \$/troy oz	66	0%		23 Jun 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	65	0%		23 Jun 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	8,400–8,800*	–2.27%	▼	23 Jun 17
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,150–8,400*	–3.78%	▼	23 Jun 17
MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne	55,500–57,000*	–4.66%	▼	21 Jun 17
Arsenic				
MB free market \$/lb	0.90–1.25*	0%		23 Jun 17
Bismuth				
MB free market \$/lb	4.65–5.05*	0%		23 Jun 17
MB China domestic, min 99.99%, RMB/tonne	68,000–69,000*	–0.72%	▼	23 Jun 17
Cadmium				
MB free market min 99.95% cents/lb	66.00–77.00*	–0.69%	▼	23 Jun 17
MB free market min 99.99% cents/lb	66.00–77.00*	–0.69%	▼	23 Jun 17
Chromium				
MB free market alumino-thermic min 99% \$/tonne	7,900–8,100*	–2.14%	▼	23 Jun 17
Cobalt				
MB free market high-grade \$/lb	28.75–30.30*	–0.25%	▼	23 Jun 17
MB free market low-grade \$/lb	27.10–28.15*	1.47%	▲	23 Jun 17
MB high-grade, weighted average of all confirmed international trades, \$/lb	30.10*	3.15%	▲	23 Jun 17
MB low-grade, weighted average of all confirmed international trades, \$/lb	27.86*	3.41%	▲	23 Jun 17
MB China domestic, min 99.8% RMB/tonne	405,000–425,000*	2.85%	▲	23 Jun 17
Cobalt tetroxide min 72.6% Co delivered China RMB/tonne	360,000–370,000*	0%		23 Jun 17

	Price	Change	Assessed
Gallium			
MB free market \$/kg	110-130*	0%	23 Jun 17
MB China domestic, min 99.99%, RMB/kg	810-850*	9.21%▲	21 Jun 17
Germanium			
Germanium dioxide MB free market \$/kg	700-780*	0%	23 Jun 17
Germanium metal \$/kg Rotterdam	1,050-1,250*	0%	23 Jun 17
Germanium metal MB China domestic, min 99.999%, RMB/kg	7,100-7,500*	-0.68%▼	21 Jun 17
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	900-1,000*	0%	23 Jun 17
Indium			
MB free market \$/kg	180-210*	-2.5%▼	23 Jun 17
MB China domestic, min 99.99% RMB/kg	1,230-1,250*	-0.8%▼	21 Jun 17
Indium Corp ingots min 99.97% \$/kg fob	440.00	-40.94%▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,100-2,200*	0%	23 Jun 17
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,160-2,200*	0%	23 Jun 17
MB Chinese free market min 99% Mg, ex-works RMB/tonne	14,200-14,600*	0.7%▲	23 Jun 17
Manganese flake			
MB free market \$/tonne	1,850-1,930*	0%	23 Jun 17
Mercury			
MB free market \$ per flask	1,150-1,400*	0%	23 Jun 17
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	700-800*	0%	23 Jun 17
APR catalytic grade \$/kg Re	1,600-1,800*	0%	23 Jun 17
Selenium			
MB free market \$/lb	17.60-19.75*	-1.71%▼	23 Jun 17
MB China domestic, min 99.9%, RMB/kg	270-340*	-4.69%▼	23 Jun 17
Selenium dioxide, MB China domestic, min 98%, RMB/kg	200-220*	1.2%▲	23 Jun 17
Silicon			
MB free market €/tonne	1,900-1,980*	0%	23 Jun 17
US free market cents/lb	110-115*	3.69%▲	12 Jun 17
Export from mainland China min 98.5%, \$/tonne fob	1,470-1,510*	0%	23 Jun 17
Tellurium			
MB free market \$/kg	40.00-50.00*	0%	23 Jun 17
MB China domestic, min 99.99%, RMB/kg	400-420*	-1.2%▼	23 Jun 17
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.55-5.10*	1.05%▲	21 Jun 17
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	770-850	0%	22 Jun 17
Rutile bulk conc min 95% TiO2 fob/Aus	710-770	0%	22 Jun 17
Ilmenite bulk conc min 54% TiO2 fob/Aus	170-185	0%	22 Jun 17

† week-on-week change

continued >>

NOBLE ALLOYS & ORES			
	Price	Change†	Assessed
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	7.35–7.45*	8.03% ▲	23 Jun 17
US canned molybdic oxide \$/lb Mo	7.30–7.50*	1.37% ▲	22 Jun 17
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	17.80–18.85*	5.62% ▲	23 Jun 17
US free market 65–70% Mo \$/lb in-warehouse Pittsburgh	8.50–9.10*	–2.76% ▼	22 Jun 17
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,010–1,030*	0%	21 Jun 17
Tungsten			
European free market APT \$/mtu	214–224*	–1.79% ▼	23 Jun 17
Export from mainland China APT Chinese No1 grade, min 88.5% W03, \$/mtu fob	220–225*	0%	21 Jun 17
MB Chinese free market concentrate 65% W03 in-warehouse China RMB/tonne	81,000–82,000*	0%	21 Jun 17
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty unpaid	26.70–27.25*	0.84% ▲	23 Jun 17
China export min 75% \$/kg W, fob China	27.20–27.50*	–0.73% ▼	21 Jun 17
Vanadium			
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	25.90–26.50*	0.38% ▲	23 Jun 17
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	11.90–12.10*	–0.41% ▼	22 Jun 17
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V205	5.40–6.00*	0%	23 Jun 17
Zircon			
Foundry grade bulk \$/tonne fob Australia	950–1,000	0%	22 Jun 17
Premium bulk \$/tonne fob Australia	1,000–1,050	0%	22 Jun 17

BULK ALLOYS			
	Price	Change†	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	0.75*	5.63% ▲	23 Jun 17
Ferro-Chrome European Benchmark Indicator, lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.16*	1.75% ▲	23 Jun 17
Spot 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	6,500–7,000*	13.45% ▲	23 Jun 17
Contract 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	5,300–6,300*	0%	23 Jun 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	1.12–1.22*	–2.5% ▼	23 Jun 17
0.10% C average 60–70% Cr	1.90–2.00*	–4.88% ▼	16 Jun 17
European low carbon in-warehouse 0.06% C max – 65% Cr	2.00–2.10*	–2.38% ▼	16 Jun 17
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.30–1.40*	–3.91% ▼	16 Jun 17
Japan import 8–9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome	0.85–0.90*	0%	22 Jun 17
South Korea import 8–9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome	0.80–0.85*	0%	22 Jun 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	1.400–1.450*	0%	22 Jun 17
0.05% C – 65% min Cr	2.15–2.20*	0%	22 Jun 17
0.10% C – 62% min Cr	1.98–2.02*	0%	22 Jun 17
0.15% C – 60% min Cr	1.91–1.96*	0%	22 Jun 17

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	164*	18.84% ▲	23 Jun 17
Turkish lumpy 40–42% cfr main Chinese ports	235–255*	2.08% ▲	23 Jun 17
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,220–1,290*	0%	23 Jun 17
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,450–1,500*	0.34% ▲	22 Jun 17
US free market medium carbon duty paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.08–1.12*	0%	22 Jun 17
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China RMB/tonne	6,100–6,300*	0%	23 Jun 17
Manganese ore			
44% Mn, cif Tianjin \$/dmtu of metal contained	6.10*	–1.13% ▼	23 Jun 17
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	4.06*	–11.35% ▼	23 Jun 17
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2.55–2.85*	–8.47% ▼	14 Jun 17
Ferro-nickel			
China premium, 26–32% nickel contained, cif China, \$/tonne	–125–100*	–105.32% ▼	31 May 17
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,220–1,270*	0%	23 Jun 17
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si – imported	0.80–0.84*	–1.2% ▼	22 Jun 17
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,120–1,170*	0.88% ▲	23 Jun 17
MB Chinese free market min 75% Si, in-warehouse China, RMB/tonne	5,600–5,700*	0.89% ▲	23 Jun 17
Silico-manganese			
Lumpy basis 65–75% Mn basis 15–19% Si (scale pro rata) €/tonne	1,040–1,080*	–1.85% ▼	23 Jun 17
US free market \$/lb in-warehouse Pittsburgh	0.62–0.66*	–0.78% ▼	22 Jun 17
MB Chinese free market min 65% Mn max 17% Si in-warehouse China RMB/tonne	6,400–6,600*	–0.76% ▼	23 Jun 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	440–445*	-7.33% ▼	21 Jun 17
Wire rod (mesh quality)	440–450*	-8.25% ▼	21 Jun 17
Plate (8–40mm)	525–540*	0%	21 Jun 17
Hot rolled coil	440–450*	0%	21 Jun 17
Cold rolled coil	530–550*	0%	21 Jun 17
Hot-dip galvanized coil	620–640*	0%	21 Jun 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	445–455*	-7.22% ▼	21 Jun 17
Wire rod (mesh quality)	440–455*	-8.21% ▼	21 Jun 17
Plate (8–40mm)	495–525*	0%	21 Jun 17
Hot rolled coil	430–450*	0%	21 Jun 17
Cold rolled coil	530–550*	0%	21 Jun 17
Hot-dip galvanized coil	600–610*	0%	21 Jun 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	380–390*	0%	21 Jun 17
Wire rod (mesh quality)	420–430*	0%	21 Jun 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	435–455*	0%	21 Jun 17
Wire rod (mesh quality)	430–450*	-5.38% ▼	21 Jun 17
Sections (medium)	580–615*	0%	21 Jun 17
Beams	480–505*	1.03% ▲	21 Jun 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	390–410*	2.56% ▲	21 Jun 17
Wire rod (mesh quality)	450–460*	0%	21 Jun 17
Sections (medium)	540–570*	0%	21 Jun 17
Beams	505–525*	0%	21 Jun 17
Central Europe domestic € per tonne ex-works			
Hot rolled coil	440–460*	0%	21 Jun 17
Poland domestic zloty per tonne ex-works			
Rebar	1,800–1,840*	-0.82% ▼	23 Jun 17
Northern Europe € per tonne ex-works			
Plate (8–40mm)	550–570*	-1.75% ▼	21 Jun 17
Hot rolled coil	490–510*	-1.96% ▼	21 Jun 17
Cold rolled coil	600–620*	0%	21 Jun 17
Hot-dip galvanized coil	650–680*	0%	21 Jun 17
Southern Europe € per tonne ex-works			
Plate (8–40mm)	500–510*	-3.81% ▼	21 Jun 17
Hot rolled coil	460–480*	0%	21 Jun 17
Cold rolled coil	550–580*	-0.88% ▼	21 Jun 17
Hot-dip galvanized coil	590–610*	-0.83% ▼	21 Jun 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	405–415*	0%	21 Jun 17

CARBON STEEL – CIS

	Price	Change [†]	Assessed
CIS exports (Black Sea)			
<i>Metal Bulletin's appraisal of CIS mills' prices for export outside the CIS of commercial-quality carbon steel, \$ per tonne fob stowed main Black Sea port</i>			
Billet index	397*	0.25% ▲	19 Jun 17
Slab	385–390*	-2.52% ▼	19 Jun 17
Rebar	410–415*	0%	19 Jun 17
Wire rod (mesh)	435–440*	0%	19 Jun 17
Heavy plate (10–50mm)	500–515*	1.6% ▲	19 Jun 17
Hot rolled coil	435–445*	0.57% ▲	19 Jun 17
Cold rolled coil	490–508*	1.84% ▲	19 Jun 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	26,000–26,500*	0%	19 Jun 17
Hot rolled sheet	36,000–36,100*	0%	19 Jun 17
Cold rolled sheet	37,700–37,800*	-5.15% ▼	19 Jun 17
Plate	35,500–36,000*	0%	19 Jun 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*	0.61% ▲	22 Jun 17
Rebar	430–435*	0%	22 Jun 17
Wire rod (mesh quality)	440–450*	0%	22 Jun 17
Merchant bars	480–490*	0%	22 Jun 17
Structural pipe	550–560*	0%	14 Jun 17
Hot rolled coil	460–470*	-2.11% ▼	23 Jun 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	410–415*	0%	22 Jun 17
Rebar	460–465*	0%	22 Jun 17
Wire rod (mesh quality)	470–492*	-0.21% ▼	22 Jun 17
Hot rolled coil	485–495*	-0.51% ▼	23 Jun 17
Cold rolled coil	590–600*	0%	23 Jun 17
Hot dip galvanized	740–760*	0%	23 Jun 17
Prepainted galvanized	830–850*	0%	23 Jun 17
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	400–410*	0%	22 Jun 17
Hot rolled coil	450–460*	-1.62% ▼	23 Jun 17
Cold rolled coil	530–535*	0%	23 Jun 17
UAE imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	395–400*	0%	20 Jun 17
Rebar	440–443*	1.49% ▲	20 Jun 17
Hot rolled coil	460–485*	2.16% ▲	20 Jun 17
Cold rolled coil	560–561*	5.26% ▲	20 Jun 17
Hot dip galvanized coil	650–680*	0.38% ▲	20 Jun 17
Saudi Arabia imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Rebar	430–445*	0%	20 Jun 17
Hot rolled coil	480–485*	3.76% ▲	20 Jun 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	1,720–1,775*	0%	20 Jun 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	499–510*	0.1% ▲	21 Jun 17
Hot rolled coil	430–445*	0%	21 Jun 17
Hot dip galvanized coil	555–556*	0%	21 Jun 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	9,700–9,900*	0%	22 Jun 17

Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	420–425*	1.2% ▲	22 Jun 17

CARBON STEEL – LATIN AMERICA

	Price	Change†	Assessed
Latin American exports			
<i>Metal Bulletin's appraisal of Latin American mills' prices for export outside Latin America of commercial-quality carbon steel, \$ per tonne fob stowed main Latin American port</i>			
Billet	390–405*	0%	23 Jun 17
Slab	370–380*	0%	23 Jun 17
Rebar	440–450*	0%	23 Jun 17
Wire rod mesh quality	440–450*	0%	23 Jun 17
Heavy plate over 10mm	500–505*	0%	23 Jun 17
Hot rolled coil (dry)	430–435*	0%	23 Jun 17
Cold rolled coil	550–560*	0%	23 Jun 17
Galvanized coil	800–810*	0%	23 Jun 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	470–480*	0.53% ▲	23 Jun 17
Hot rolled coil	475–485*	1.59% ▲	23 Jun 17
Cold rolled coil	505–520*	2.5% ▲	23 Jun 17
Galvanized coil	580–590*	1.3% ▲	23 Jun 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%	09 Jun 17
Cold rolled coil	820–835*	0%	09 Jun 17
Galvanized coil	1,080–1,175*	0%	09 Jun 17
Rebar	840–850*	0%	09 Jun 17

Brazil domestic			
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reals per tonne ex-works</i>			
Hot rolled coil	2,960–3,160*	–8.11% ▼	09 Jun 17
Cold rolled coil	3,275–3,375*	–8.02% ▼	09 Jun 17
Hot dip galvanized coil	3,425–3,565*	–8.03% ▼	09 Jun 17
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reals per tonne delivered</i>			
Rebar	3,250–3,410*	0%	09 Jun 17

† week-on-week change

	Price	Change†	Assessed
CARBON STEEL – NAFTA			
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	467–476*	0%	21 Jun 17
Merchant bars	560–580*	0%	26 May 17
Wire rod (low carbon)	485–494*	0%	14 Jun 17
Medium sections	560–580*	3.64% ▲	25 May 17
Medium plate	610–680*	–4.09% ▼	14 Jun 17
Hot rolled coil (commodity)	540–560*	–1.79% ▼	14 Jun 17
Cold rolled coil	640–685*	–1.12% ▼	14 Jun 17
Hot dipped galvanized 0.012–0.015, G30	845–885*	–3.89% ▼	14 Jun 17
ERW linepipe (X42)	840–840*	0%	13 Jun 17
CTG API5CT – casing J55	950–970*	0%	13 Jun 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%	21 Jun 17
Wire rod (mesh quality fob mill)	550–570*	0%	14 Jun 17
Plate (fob mill)	710–710*	0%	16 Jun 17
Hot rolled sheet (fob mill)	600–600*	1.69% ▲	22 Jun 17
Cold rolled sheet (fob mill)	790–790*	0.64% ▲	22 Jun 17
Hot-dip galvanized (base) Midwest (fob mill)	790–790*	1.28% ▲	22 Jun 17
ERW linepipe (X42) (fob mill)	990–990*	0%	13 Jun 17
CTG API5CT – casing J55 (fob mill)	1,100–1,200*	0%	13 Jun 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%	26 May 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	450–460*	0.55% ▲	20 Jun 17
Wire rod (mesh quality)	450–455*	2.49% ▲	20 Jun 17
Heavy plate	440–450*	1.71% ▲	20 Jun 17
Hot rolled coil	445–450*	2.29% ▲	20 Jun 17
Cold rolled coil	475–480*	1.06% ▲	20 Jun 17
Galvanized coil 1mm	550–560*	1.83% ▲	20 Jun 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	3,450–3,480*	–2.26% ▼	23 Jun 17
Wire rod (mesh)	3,460–3,520*	–0.29% ▼	23 Jun 17
Sections	3,360–3,420*	0.44% ▲	23 Jun 17
Plate	3,280–3,300*	0.61% ▲	23 Jun 17
Hot rolled coil (min 2mm)	3,360–3,380*	1.05% ▲	23 Jun 17
Cold rolled coil (0.5 – 2 mm)	3,800–3,830*	0.53% ▲	23 Jun 17
Hot-dip galvanized coil	4,400–4,450*	0.91% ▲	23 Jun 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	3,200–3,200*	2.56% ▲	23 Jun 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	3,350–3,370*	1.05% ▲	23 Jun 17
Rebar	3,520–3,580*	0.42% ▲	23 Jun 17

	Price	Change	Assessed
Southern China domestic			
<i>Metal Bulletin's appraisal of prices in southern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	3,770–3,820*	-2.06% ▼	23 Jun 17
Wire rod (mesh)	3,480–3,560*	-0.28% ▼	23 Jun 17
Sections	3,520–3,560*	1.72% ▲	23 Jun 17
Plate	3,420–3,440*	0.88% ▲	23 Jun 17
Hot rolled coil (min 2mm)	3,500–3,520*	2.18% ▲	23 Jun 17
Cold rolled coil (0.5 – 2 mm)	3,900–3,940*	2.22% ▲	23 Jun 17
Hot-dip galvanized coil	4,430–4,480*	1.48% ▲	23 Jun 17
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel, \$ per tonne cfr</i>			
Billet	415–423*	1.58% ▲	23 Jun 17
Slab (Asia/East Asia)	395–400*	-0.62% ▼	23 Jun 17
Hot rolled coil (Vietnam)	455–463*	2% ▲	23 Jun 17
Rebar (Singapore)	420–430*	-1.73% ▼	23 Jun 17
Wire rod (low carbon)	440–445*	0%	23 Jun 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	400–410*	0.62% ▲	23 Jun 17
Plate (12–40mm)	480–490*	0%	23 Jun 17
Hot rolled coil (commodity)	450–455*	1.12% ▲	23 Jun 17
Hot-dip galvanized coil	725–730*	1.39% ▲	23 Jun 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)	470–480*	-0.52% ▼	23 Jun 17
Hot rolled coil (commodity)	480–485*	2.12% ▲	23 Jun 17
Hot rolled coil (CR grade)	470–475*	0%	23 Jun 17
Cold rolled	520–525*	1.95% ▲	23 Jun 17
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	25,600–25,800*	2.19% ▲	23 Jun 17
Heavy plate	33,500–34,000*	0%	23 Jun 17
Hot rolled coil	35,500–36,000*	0%	23 Jun 17
Cold rolled coil	39,500–40,000*	0%	23 Jun 17
DRI	16,900–17,000*	4.63% ▲	23 Jun 17
Hot-dip galvanized coil	44,000–44,500*	0%	23 Jun 17
Rebar	29,800–30,100*	2.22% ▲	23 Jun 17

STEELBENCHMARKER™ PRICES

	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	777	-5.47% ▼	12 Jun 17
Standard plate (\$/short ton)	705	-5.5% ▼	12 Jun 17
Hot rolled coil (\$/metric tonne)	665	-1.19% ▼	12 Jun 17
Hot rolled coil (\$/short ton)	603	-1.31% ▼	12 Jun 17
Cold rolled coil (\$/metric tonne)	856	-2.28% ▼	12 Jun 17
Cold rolled coil (\$/short ton)	777	-2.26% ▼	12 Jun 17
Region: Mainland China			
Rebar	449	-1.32% ▼	12 Jun 17
Standard plate	408	0.25% ▲	12 Jun 17
Hot rolled coil	404	2.02% ▲	12 Jun 17
Cold rolled coil	470	1.73% ▲	12 Jun 17
Region: World export market			
Hot rolled coil (\$/metric tonne)	479	-3.43% ▼	12 Jun 17

STAINLESS STEEL			
	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	1,700–1,750*	3.6% ▲	21 Jun 17
Grade 304 HR sheet	1,650–1,700*	3.4% ▲	21 Jun 17
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	13,000–13,600*	9.47% ▲	22 Jun 17
Grade 430 2mm CR coil	7,700–8,000*	2.61% ▲	22 Jun 17
EU export			
€/tonne fob N. European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,293–2,362*	0%	23 Jun 17
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N. Europe Base price	1,100–1,120*	0%	23 Jun 17
Alloy surcharge	1,193–1,242*	0%	23 Jun 17
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,400–1,440*	0%	23 Jun 17
Alloy surcharge	1,701–1,781*	0%	23 Jun 17
304 stainless steel bright bar, €/tonne			
Base price	950–970*	0%	23 Jun 17
Alloy surcharge	1,470–1,547*	0%	23 Jun 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	103–103*	-2.84% ▼	08 Jun 17
Grade 316 coiled plate	136–136*	-3.55% ▼	08 Jun 17
Grade 304 cold rolled sheet	122–122*	-2.41% ▼	08 Jun 17
Grade 316L cold rolled sheet	157–157*	-3.1% ▼	08 Jun 17
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,100.96*	-1.4% ▼	19 Jun 17

CHINA IRON ORE

cfr main China port \$ per dry metric tonne

	Price	Change [†]	Assessed
Iron ore index (62% Fe)	56.75*	1.79% ▲	23 Jun 17
Iron ore pellet index cfr Qingdao (65% Fe)	88.36*	0.49% ▲	23 Jun 17
Iron ore concentrate index cfr Qingdao (66% Fe)	66.80*	1.52% ▲	23 Jun 17
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	0.88*	-13.73% ▼	01 Jun 17

IRAN IRON ORE

cfr China US \$ per tonne

	Price	Change [†]	Assessed
Iron ore fines index (60% Fe)	48.99–48.99*	-0.57% ▼	21 Jun 17

COKING COAL

\$ per metric tonne

	Price	Change [†]	Assessed
Premium hard coking coal cfr China	150.07–150.07*	4.29% ▲	23 Jun 17
Hard coking coal cfr China	137.76–137.76*	2.04% ▲	23 Jun 17
Premium hard coking coal fob Australia	143.24–143.24*	2.81% ▲	23 Jun 17
Hard coking coal fob Australia	129.50–129.50*	-0.27% ▼	23 Jun 17
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,250–1,470*	1.49% ▲	23 Jun 17
65% CSR coke \$/tonne fob Tianjin	250–270*	1.96% ▲	20 Jun 17

continued >>

FERROUS SCRAP

	Price	Change†	Assessed
UK ferrous scrap domestic			
<i>The following is Metal Bulletin's evaluation of UK prices for processed scrap delivered to consumers within the month listed. Prices may vary according to region and destination, and should be read in conjunction with editorial comment on the Ferrous scrap pages.</i>			
<i>£/tonne</i>			
Cut grades			
0A plate and structural	175–195*	0%	09 Jun 17
1&2 old steel	155–175*	0%	09 Jun 17
12A/C new production heavy and shovellable steel	180–200*	0%	09 Jun 17
12D new production heavy and shovellable steel	185–205*	0%	09 Jun 17
Bales and cuttings			
4A new steel bales	185–205*	0%	09 Jun 17
4C new steel bales	175–195*	0%	09 Jun 17
8A new loose light cuttings	175–195*	0%	09 Jun 17
8B new loose light cuttings	160–180*	0%	09 Jun 17
Turnings			
UK inter-merchant 7B heavy steel turnings	140–160*	0%	09 Jun 17
Cast iron			
9A/10 heavy and light cast iron	160–180*	0%	09 Jun 17
9B/C cylinder block scrap	180–200*	0%	09 Jun 17
11A cast iron borings	110–130*	0%	09 Jun 17
<i>Prices relate to new UK scrap specifications</i>			
<i>Please see MB.com for full explanation of price changes</i>			
UK intermerchant weekly price			
<i>£/tonne</i>			
5C loose old light	70–95*	0%	23 Jun 17
UK ferrous scrap export			
<i>MB assessment \$/tonne cfr main UK port</i>			
HMS 1&2 (80:20 mix)	256–261*	1.97%	▲ 23 Jun 17
Shredded	261–266*	1.93%	▲ 23 Jun 17
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	296.77*	0.57%	▲ 23 Jun 17
HMS 1&2 (80:20 mix)	270–275*	3.81%	▲ 23 Jun 17
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	750–780*	0%	23 Jun 17
18/8 turnings	640–665*	0%	23 Jun 17
12–13% Cr solids	150–180*	0%	23 Jun 17
16–17% Cr solids	190–210*	0%	23 Jun 17
Cif Europe stainless € per tonne			
18/8 solids	900–920*	0%	23 Jun 17
18/8 turnings	810–830*	0%	23 Jun 17
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	256.34*	1.52%	▲ 23 Jun 17
HMS 1&2 (70:30 mix)	253–255*	1.6%	▲ 23 Jun 17
Shredded	263–265*	3.53%	▲ 23 Jun 17
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	276.09*	2.39%	▲ 23 Jun 17
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	285.57*	2.33%	▲ 23 Jun 17
HMS 1&2 (75:25 mix)	270–272*	1.5%	▲ 23 Jun 17
Shredded	281–287*	2.53%	▲ 23 Jun 17

Price Change Assessed

Turkish domestic

MB assessment delivered

Melting scrap from shipbreaking (\$/tonne)	278.00–280.00*	0.54%	▲	19 Jun 17
Auto bundle scrap (Turkish lira/tonne)	910.00–1,010.00*	–1.03%	▼	19 Jun 17

USA export

AMM ferrous scrap export index \$/tonne East Coast job New York

HMS 1&2 (80:20)	255.04*	0%		21 Jun 17
Shredded	262.00*	0%		21 Jun 17

USA domestic

AMM Midwest index \$/gross ton delivered mill

No1 heavy melting scrap	264.52*	–0.68%	▼	12 Jun 17
No1 busheling	357.14*	0.3%	▲	12 Jun 17
Shredded	286.05*	–3.75%	▼	12 Jun 17

China domestic

yuan/tonne delivered mill

Heavy scrap	1,510–1,710*	8.05%	▲	23 Jun 17
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Taiwan import

\$/tonne cfr main port

HMS 1&2 (80:20 mix) (USA material)	250–251*	0.6%	▲	23 Jun 17
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Germany domestic

€/tonne composite sales price ex-yard, source: BDSV

No E2/8 (new steel scrap)	223.80	–2.65%	▼	01 Jun 17
No E1 (old steel scrap)	200.30	–4.3%	▼	01 Jun 17
No E3 (old thick steel scrap)	219.00	–2.88%	▼	01 Jun 17
No E40 (shredded steel scrap)	221.80	–3.57%	▼	01 Jun 17
No E5 (steel turnings)	178.20	–4.96%	▼	01 Jun 17

MB assessment €/tonne delivered at mill

Grade E40 (shredded steel scrap)	235–245	–6.8%	▼	21 Jun 17
No E8 (thin new production steel scrap)	240–250	–3.92%	▼	21 Jun 17
No E3 (old thick scrap)	230–240	–6%	▼	21 Jun 17

Italy domestic

MB assessment €/tonne delivered at mill

No E3 (old thick scrap)	225.00	–7.92%	▼	26 May 17
No E8 (thin new production steel)	255.00	–0.94%	▼	26 May 17

SCRAP SUBSTITUTES

Price Change† Assessed

EU imports \$/tonne

Pig iron imports cif Italy	335–340*	–0.74%	▼	22 Jun 17
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Latin American exports \$/tonne, delivery terms as stated

Hot briquetted iron Venezuela	190–210*	0%		23 Jun 17
Pig iron fob Vitoria/Rio	320–325*	–3.01%	▼	23 Jun 17
Pig iron fob Ponta da Maderia	345–360*	0%		23 Jun 17

US imports \$/tonne cfr Gulf of Mexico

Pig iron	340–345*	–4.2%	▼	23 Jun 17
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CIS exports \$/tonne fob main port

Pig iron Baltic Sea	370–380*	0%		22 Jun 17
Pig iron Black Sea	315–320*	–0.78%	▼	22 Jun 17

China domestic yuan/tonne delivered warehouse

Pig iron	2,240–2,310*	–2.15%	▼	23 Jun 17
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† week-on-week change

continued >>

NON-FERROUS SCRAP EUROPE			
	Price	Change†	Assessed
Aluminium			
European free market MB assessment €/tonne			
Floated frag	1,290–1,340*	0%	23 Jun 17
Cast	1,190–1,250*	0%	23 Jun 17
Mixed turnings 6%	1,080–1,150*	0%	23 Jun 17
Germany per 1000kg			
Pure cuttings	1,340–1,420	0%	21 Jun 17
Commercial cast	1,220–1,340	0%	21 Jun 17
H9 extrusions	1,660–1,760	0%	21 Jun 17
Alloy turnings	1,000–1,120	0%	21 Jun 17
Source: VDM			
France per 1000kg			
Pure cuttings	1,520–1,550	0.66% ▲	20 Jun 17
Old rolled	800–820	0%	20 Jun 17
Commercial cast	850–900	–2.23% ▼	20 Jun 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Pure cuttings	1,235–1,335	–0.77% ▼	16 Jun 17
Old mixed scrap	1,180–1,230	0%	16 Jun 17
Commercial cast	1,095–1,145	0%	16 Jun 17
Source: Assomet			
Copper			
Germany per 1000kg			
Copper wire (berry)	4,910–5,090	0%	21 Jun 17
Heavy copper	4,410–4,650	0%	21 Jun 17
Heavy brass	3,120–3,330	0%	21 Jun 17
Brass turnings (MS 58)	3,600–3,700	0%	21 Jun 17
Brass sheet (MS 63)	3,780–3,870	0%	21 Jun 17
Source: Verein Deutscher Metallhandler			
France per 1000kg			
Electro cuttings	4,600–4,670	0.22% ▲	20 Jun 17
No 1 bright wire	4,450–4,500	0%	20 Jun 17
Mixed (96%)	4,150–4,180	2.84% ▲	20 Jun 17
Brass plate cuttings 70/30	3,400–3,450	0%	20 Jun 17
Brass turnings	2,900–2,950	0%	20 Jun 17
Mixed brass	2,900–2,950	0%	20 Jun 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Electrolytic dd EN 12861–S–Cu–2	4,850–4,930	–0.2% ▼	16 Jun 17
Enamelled wire EN 12861–S–Cu–3	4,685–4,767	–0.21% ▼	16 Jun 17
New from tubes, strips etc EN 12861–S–Cu–4	4,740–4,888	–0.21% ▼	16 Jun 17
Old from tubes, strips etc 12861–S–Cu–7	4,525–4,615	–0.22% ▼	16 Jun 17
EN12861–S–Cu–Zn–1–A–Cu 63.5%	3,810–3,895	0.52% ▲	16 Jun 17
Mixed from valves/taps EN 12861–S–Cu–Zn–6	2,990–3,320	0.16% ▲	16 Jun 17
Several 95% m/m 12861–S–Cu–Zn–7	3,067–3,145	0.65% ▲	16 Jun 17
Source: Assomet			

STEELBENCHMARKER™ SCRAP PRICES			
	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	281	–1.75% ▼	12 Jun 17
Shredded scrap (\$/gross ton)**	285	–1.72% ▼	12 Jun 17
No 1 heavy melting scrap (\$/metric tonne)	261	–3.69% ▼	12 Jun 17
No 1 heavy melting scrap (\$/gross ton)	266	–3.62% ▼	12 Jun 17
No 1 busheling scrap (\$/metric tonne)	358	–1.38% ▼	12 Jun 17
No 1 busheling scrap (\$/gross ton)	364	–1.36% ▼	12 Jun 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	1,370–1,420*	0%	21 Jun 17
Commercial pure cuttings	1,120–1,180*	0%	21 Jun 17
Clean HE9 extrusions	1,370–1,420*	0%	21 Jun 17
Loose old rolled cuttings	860–910*	0%	21 Jun 17
Baled old rolled	950–980*	0%	21 Jun 17
Commercial cast	1,040–1,080*	0%	21 Jun 17
Cast wheels	1,220–1,270*	0.81% ▲	21 Jun 17
Commercial turnings	700–760*	0%	21 Jun 17
Group 7 turnings	600–650*	0%	21 Jun 17
MB and LME aluminium scrap discounts			
£ per tonne			
Group 1 pure 99% & Litho	47–97*	–16.28% ▼	21 Jun 17
Commercial pure cuttings	287–347*	–4.23% ▼	21 Jun 17
Clean HE9 extrusions	47–97*	–16.28% ▼	21 Jun 17
Loose old rolled cuttings	347–397*	–2.36% ▼	21 Jun 17
Baled old rolled	277–307*	–2.99% ▼	21 Jun 17
Commercial cast	177–217*	–4.37% ▼	21 Jun 17
Cast wheels	–13–57*	–29.03% ▼	21 Jun 17
Commercial turnings	497–557*	–1.68% ▼	21 Jun 17
Group 7 turnings	607–657*	–1.4% ▼	21 Jun 17
Titanium			
\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.85–0.95*	–1.1% ▼	21 Jun 17
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.81–0.88*	–1.17% ▼	21 Jun 17
Copper scrap discount			
cents/lb			
No 2 copper (birch/cliff) imported into China 94–96% cif China	28–29*	–1.72% ▼	31 May 17

† week-on-week change

continued >>

NON-FERROUS FOUNDRY INGOTS

	Price	Change [†]	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,560–1,640*	0%	21 Jun 17
LM6/LM25 gravity diecasting ingot	1,700–1,840*	0%	21 Jun 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	1,680–1,750*	0%	23 Jun 17
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.91–0.92*	0%	22 Jun 17
AFFIMET €/tonne			
AS12	3,710	–1.33% ▼	01 Jun 17
AS12 UN	2,950	–2.32% ▼	01 Jun 17
AS9 U3	2,325	–2.92% ▼	01 Jun 17
AS5 U3	2,675	–2.55% ▼	01 Jun 17
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,310–2,410	–0.42% ▼	21 Jun 17
DIN 231	2,390–2,490	–0.41% ▼	21 Jun 17
DIN 311	2,370–2,470	–0.41% ▼	21 Jun 17
Aluminium bronze £/tonne UK			
AB1 ex-works	4,600	–2.13% ▼	20 Jun 17
AB2 ex-works	4,700	–2.08% ▼	20 Jun 17
Source: C. F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	3,750	–1.32% ▼	20 Jun 17
High tensile HTB1 ex-works	3,850	–1.28% ▼	20 Jun 17
Source: C. F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,500	–2.17% ▼	20 Jun 17
LG4 87/7/3/3 ex-works	5,100	–1.92% ▼	20 Jun 17
G11.15 PB ex-works	5,950	–1.65% ▼	20 Jun 17
Source: C. F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,500	–1.52% ▼	20 Jun 17
Source: C. F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,050	–1.63% ▼	20 Jun 17
15% P ex-works	6,150	–1.6% ▼	20 Jun 17
Source: C. F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,495	–3.18% ▼	01 Jun 17
Brock Metal ZL5	2,521	–3.11% ▼	01 Jun 17

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Monthly averages: May

BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne	84.29	93.24
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne	140.56	151.67
Alumina		
Index fob Australia	275.80	
Copper		
US High-grade cathode premium indicator, \$/tonne	113.54	124.56
Nickel		
Free market in warehouse premium		
Europe \$/tonne Uncut cathodes	152.00	180.00
4x4 cathodes	238.00	292.00
Briquettes	180.00	220.00
US Melting \$/lb	0.19	0.25
Tin		
European free market		
Spot Premium 99.9%, \$/tonne	313.00	355.00
Spot premium 99.85%, \$/tonne	300.00	327.00
Kuala Lumpur (ex-smelter), \$/tonne	20,103.33	

MINOR METALS

Antimony		
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne	8,844.44	9,144.44
MMTA Standard grade II, \$/tonne	8,700.00	9,016.67
Bismuth		
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb	4.77	5.10
Cadmium		
MB free market min 99.95%, in warehouse, cents/lb	74.00	82.44
min 99.99%, in warehouse cents/lb	76.33	85.33
Cobalt		
MB free market High Grade, in warehouse, \$/lb	27.03	28.52
Low Grade, in warehouse, \$/lb	24.28	25.92
Germanium Dioxide		
MB free market min 99.99%, \$/kg	700.00	780.00
Rotterdam, \$/kg	1,050.00	1,250.00
Indium		
MB free market ingots, min 99.97%, in warehouse, \$/kg	187.78	227.78
Magnesium		
MB free market min 99.8%, \$/tonne	2,200.00	2,300.00
China free market min 99.8%, \$/tonne	2,157.50	2,185.00
Mercury		
MB free marketmin 99.99%, in warehouse, \$/flask	1,150.00	1,400.00
Selenium		
MB free market min 99.5% in warehouse, \$/lb	19.50	21.39

	Low	High
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,900.00	1,980.00
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.74	5.25

ORES & ALLOYS

	<i>Low</i>	<i>High</i>
Molybdenum		
Free market in warehouse Europe drummed molybdc oxide \$/lb Mo	8.13	8.26
US canned molybdc oxide \$/lb Mo	8.38	8.59
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	20.09	20.64
Tungsten		
European free market APT, \$/mtu	214.25	222.75
Ferro-tungsten		
basis 75% W min, \$/kg	25.47	26.35
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	5.80	6.13
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	26.59	27.46
US Free market 70-80%, \$/lb	12.34	12.94

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,245.25
	Afternoon	1,245.00
London £/troy oz	Morning	963.37
	Afternoon	962.99
Handy/Harman \$/troy oz		1,246.04
Palladium		
Morning \$/troy oz		792.62
Afternoon \$/troy oz		792.43
Platinum: per troy oz		
Morning \$/troy oz		929.52
Afternoon \$/troy oz		929.71
Rhodium		
European free market		
min 99.9% in-warehouse, \$/troy oz	894.76	994.76
Silver		
London		
spot pence/troy oz		1,296.66
spot cents/troy oz		1,676.48
Handy/Harman cents/troy oz		1,674.48

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24, £/tonne	1,584.00	1,644.00
LM6/LM25, £/tonne	1,754.00	1,834.00
Aluminium Europe €/tonne	1,745.00	1,822.50
Phosphor Bronze		
PB1 ex-works, £/tonne	6,500.00	
Zinc Alloy		
ZL3, £/tonne	2,577.00	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.29
\$/yen	112.17
\$/€	1.11

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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 May (21 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	Jan–May 2017		May average
	Low	High	
	\$	\$	\$
Aluminium (\$)			
Cash	1,700.50	1,961.00	1,913.68
3 months	1,688.25	1,971.75	1,916.63
Settlement	1,701.00	1,962.00	1,914.14
3 months seller	1,688.50	1,972.00	1,917.07
Copper Grade A (\$)			
Cash	5,465.75	6,144.50	5,591.11
3 months	5,490.50	6,155.50	5,613.58
Settlement	5,466.00	6,145.00	5,591.50
3 months seller	5,491.00	6,156.00	5,614.38
Copper Grade A (£)			
Settlement	4,215.29	4,954.94	4,326.03
3 months seller	4,217.78	4,922.04	4,331.90
Lead (\$)			
Cash	2,006.75	2,441.50	2,131.15
3 months	2,021.00	2,444.50	2,137.56
Settlement	2,007.00	2,442.00	2,131.67
3 months seller	2,022.00	2,445.00	2,138.29
Lead (£)			
Settlement	1,575.55	1,950.95	1,649.27
3 months seller	1,575.54	1,949.45	1,649.88
Nickel (\$)			
Cash	8,807.50	11,042.50	9,150.95
3 months	8,855.00	11,092.50	9,190.48
Settlement	8,810.00	11,045.00	9,154.29
3 months seller	8,860.00	11,095.00	9,194.52
Tin (\$)			
Cash	18,757.50	21,295.00	20,222.14
3 months	18,755.00	21,212.50	20,091.31
Settlement	18,760.00	21,300.00	20,230.95
3 months seller	18,760.00	21,225.00	20,101.90

	Jan–May 2017		May average
	Low	High	
	\$	\$	\$
Zinc (\$)			
Cash	2,461.00	2,970.50	2,589.77
3 months	2,469.00	2,958.25	2,597.73
Settlement	2,462.00	2,971.00	2,590.24
3 months seller	2,470.00	2,958.50	2,598.40
Cobalt (\$)			
Cash	32,750.00	56,250.00	54,690.60
3 months	32,750.00	56,250.00	54,660.71
Settlement	33,000.00	56,500.00	54,916.90
3 months seller	33,000.00	56,500.00	54,904.76
Molybdenum (\$)			
Cash	15,000.00	17,250.00	16,595.24
3 months	15,000.00	17,250.00	16,547.62
Settlement	15,250.00	17,500.00	16,845.24
3 months seller	15,250.00	17,500.00	16,809.52
Aluminium Alloy (\$)			
Cash	1,540.00	1,715.00	1,661.19
3 months	1,560.00	1,725.00	1,670.83
Settlement	1,545.00	1,720.00	1,666.19
3 months seller	1,565.00	1,730.00	1,675.71
Nasaa (\$)			
Cash	1,695.00	1,945.00	1,794.56
3 months	1,725.00	1,960.00	1,814.52
Settlement	1,700.00	1,950.00	1,795.38
3 months seller	1,730.00	1,965.00	1,818.81

LME SETTLEMENT CONVERSION RATES

\$/£	1.29
\$/yen	112.31
\$/€	1.10