



Prices

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NEW YORK FUTURES			
	Price	Change†	Assessed
Comex: Copper high grade cents/lb			
Settlement	271.55	2.05% ▲	20 Jun 19
Open interest	278,677	-2.74% ▼	19 Jun 19
Stocks (short ton)	30,600	1.31% ▲	19 Jun 19
Comex: Gold \$/troy oz			
Settlement	1,392.90	4.01% ▲	20 Jun 19
Open interest	538,951	7.25% ▲	19 Jun 19
Stocks (troy oz)	7,697,379	0.29% ▲	19 Jun 19
Nymex: Palladium \$/troy oz			
Settlement	1,472.10	2.97% ▲	20 Jun 19
Stocks (troy oz)	70,835	-3.59% ▼	19 Jun 19
Nymex: Platinum \$/troy oz			
Settlement	805.60	-0.47% ▼	20 Jun 19
Stocks (troy oz)	174,147	0% ▲	19 Jun 19
Comex: Silver cents/troy oz			
Settlement	1,546.90	4.02% ▲	20 Jun 19
Open interest	239,505	3.87% ▲	19 Jun 19
SHANGHAI FUTURES			
	Price	Change†	Assessed
Aluminium yuan/tonne	13,825	-0.86% ▼	21 Jun 19
Copper yuan/tonne	46,800	1.21% ▲	21 Jun 19
Nickel cathode yuan/tonne	98,720	-1.38% ▼	21 Jun 19
Tin ingot yuan/tonne	145,630	1.48% ▲	21 Jun 19
Zinc yuan/tonne	19,705	-6.35% ▼	21 Jun 19
Steel rebar month 1 yuan/tonne	3,751	0.56% ▲	21 Jun 19
Steel rebar month 2 yuan/tonne	3,876	2.84% ▲	21 Jun 19
Steel rebar month 3 yuan/tonne	3,866	-0.9% ▼	21 Jun 19
Weekly stocks deliverable			
Aluminium (tonnes)	428,897	-4.91% ▼	21 Jun 19
Copper (tonnes)	134,747	-3.45% ▼	21 Jun 19
Nickel cathode (tonnes)	17,256	1.89% ▲	21 Jun 19
Tin ingot (tonnes)	8,358	2.86% ▲	21 Jun 19
Zinc (tonnes)	86,046	7.63% ▲	21 Jun 19
Steel rebar (tonnes)	22,398	-1.33% ▼	21 Jun 19
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	1,742.5-1,743.5	0.33% ▲	21 Jun 19
Cash unofficial	1,767.5-1,769.5	0.54% ▲	20 Jun 19
3 months official	1,767-1,767.5	-0.18% ▼	21 Jun 19
3 months unofficial	1,792-1,794	0.28% ▲	20 Jun 19
LME Tapo notional average price (NAP)	1,746.82	-0.12% ▼	20 Jun 19
LME stocks (tonnes)	1,023,450	-3.87% ▼	20 Jun 19
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,190-1,200	-7% ▼	21 Jun 19
LME cash unofficial	1,215-1,225	-3.63% ▼	20 Jun 19
LME 3 months official	1,175-1,185	-3.67% ▼	21 Jun 19
LME 3 months unofficial	1,200-1,210	-0.41% ▼	20 Jun 19
LME stocks (tonnes)	6,360	3.58% ▲	20 Jun 19

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,065-1,070	-3.61% ▼	21 Jun 19
LME cash unofficial	1,079.5-1,089.5	-2.69% ▼	20 Jun 19
LME 3 months official	1,100-1,110	-1.78% ▼	21 Jun 19
LME 3 months unofficial	1,100-1,110	-2.64% ▼	20 Jun 19
LME stocks (tonnes)	96,120	-2.53% ▼	20 Jun 19
Copper grade A \$			
LME cash official	5,940-5,941	2.33% ▲	21 Jun 19
LME cash unofficial	5,973-5,975	2.39% ▲	20 Jun 19
LME 3 months official	5,951-5,952	2.13% ▲	21 Jun 19
LME 3 months unofficial	5,987-5,989	2.13% ▲	20 Jun 19
LME Tapo notional average price (NAP)	5,828.11	0.24% ▲	20 Jun 19
LME stocks (tonnes)	246,050	-2.53% ▼	20 Jun 19
Lead \$			
LME cash official	1,893-1,894	0.64% ▲	21 Jun 19
LME cash unofficial	1,917.5-1,919.5	0.52% ▲	20 Jun 19
LME 3 months official	1,897-1,897.5	1.12% ▲	21 Jun 19
LME 3 months unofficial	1,918-1,920	1.21% ▲	20 Jun 19
LME stocks (tonnes)	67,375	-0.85% ▼	20 Jun 19
Nickel \$			
LME cash official	12,130-12,135	2.02% ▲	21 Jun 19
LME cash unofficial	12,215-12,240	3.68% ▲	20 Jun 19
LME 3 months official	12,175-12,180	1.9% ▲	21 Jun 19
LME 3 months unofficial	12,275-12,300	3.58% ▲	20 Jun 19
LME stocks (tonnes)	168,684	3.41% ▲	20 Jun 19
Tin \$			
LME cash official	19,120-19,130	-2.05% ▼	21 Jun 19
LME cash unofficial	19,160-19,210	-2.12% ▼	20 Jun 19
LME 3 months official	19,115-19,125	-1.32% ▼	21 Jun 19
LME 3 months unofficial	19,100-19,150	-1.29% ▼	20 Jun 19
LME stocks (tonnes)	6,240	72.61% ▲	20 Jun 19
Zinc special high grade \$			
LME cash official	2,542-2,542.5	-1.18% ▼	21 Jun 19
LME cash unofficial	2,591-2,593	-0.15% ▼	20 Jun 19
LME 3 months official	2,432-2,432.5	-1.22% ▼	21 Jun 19
LME 3 months unofficial	2,488-2,490	-0.04% ▼	20 Jun 19
LME stocks (tonnes)	97,200	-3.4% ▼	20 Jun 19
Cobalt min 99.3%			
LME cash official	26,000-28,000	0%	21 Jun 19
LME 3 months official	26,000-28,000	0%	21 Jun 19
LME stocks (tonnes)	859	-0.35% ▼	20 Jun 19
Gold \$/troy oz			
London morning	1,381.65	3.43% ▲	20 Jun 19
London afternoon	1,379.5	3.26% ▲	20 Jun 19
Handy/Harman	1,379.5	3.26% ▲	20 Jun 19
Silver per troy oz			
London spot pence	1,207	3.34% ▲	20 Jun 19
London spot cents	1,533	3.62% ▲	20 Jun 19
Handy/Harman	1,540.70	3.45% ▲	20 Jun 19
Palladium \$/troy oz			
London morning	1,524	7.17% ▲	20 Jun 19
London afternoon	1,522	5.84% ▲	20 Jun 19
Platinum \$/troy oz			
London morning	815	0.37% ▲	20 Jun 19
London afternoon	815	0.74% ▲	20 Jun 19

† week-on-week change

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	Price	Change	Assessed
Kuala Lumpur tin market			
Tin \$/tonne	19,070	-0.83% ▼	21 Jun 19
ICDX			
Tin PB300 settlement price \$/tonne	19,020	0.74% ▲	21 Jun 19
Tin PB300 volume, tonnes	102	-16.39% ▼	21 Jun 19
RAND FIXING PRICES			
<i>Rand fixing prices per tonne for London Metal Exchange trade</i>			
	Price	Change [†]	Assessed
Copper	85,109.58	-1.37% ▼	21 Jun 19
Aluminium	24,977.03	-3.29% ▼	21 Jun 19
Lead	27,133.07	-3.01% ▼	21 Jun 19
Zinc	36,423.35	-4.84% ▼	21 Jun 19
Nickel	173,843.58	-1.68% ▼	21 Jun 19
Tin	274,052.55	-5.69% ▼	21 Jun 19
EXCHANGE RATES			
	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.2662	0.17% ▲	21 Jun 19
\$/¥	107.4900	-0.67% ▼	21 Jun 19
\$/€	1.1317	0.52% ▲	21 Jun 19
Closing rates, midpoint			
\$/£	1.2701	0.13% ▲	20 Jun 19
\$/¥	107.5400	-0.89% ▼	20 Jun 19
\$/€	1.1291	0.16% ▲	20 Jun 19
£/€	1.1248	-0.04% ▼	20 Jun 19
\$/CNY	6.8505	-1.04% ▼	20 Jun 19
BASE METALS ARBITRAGE			
	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-141.64*	1.11% ▲	21 Jun 19
Import arbitrage, yuan/tonne	-975.44*	0.33% ▲	21 Jun 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Busan, \$/tonne	253.46*	-4.21% ▼	05 Jun 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Johor, \$/tonne	258.01*	-4.7% ▼	05 Jun 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Port Klang, \$/tonne	258.01*	-4.7% ▼	05 Jun 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Singapore, \$/tonne	243.30*	-4.83% ▼	05 Jun 19
Copper			
Import arbitrage, \$/tonne	-44.96*	49.77% ▲	21 Jun 19
Import arbitrage, yuan/tonne	-309.60*	48.61% ▲	21 Jun 19
Nickel			
Import arbitrage, \$/tonne	26.01*	-90.5% ▼	21 Jun 19
Import arbitrage, yuan/tonne	179.12*	-90.57% ▼	21 Jun 19
Zinc			
Import arbitrage, \$/tonne	-50.93*	-217.57% ▼	21 Jun 19
Import arbitrage, yuan/tonne	-350.72*	-216.66% ▼	21 Jun 19

MB BASE METAL PREMIUMS			
<i>All prices \$/tonne unless otherwise stated</i>			
<i>*MB Copyright</i>			
	Price	Change [†]	Assessed
Copper			
Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne	130-175*	-12.86% ▼	07 Sep 18
Rotterdam, Grade A, cathode, cif, \$/tonne	40.0-50.0*	0%	18 Jun 19
Germany, Grade A, cathode, delivered, \$/tonne	80.0-90.0*	0%	18 Jun 19
North European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	19 Jun 19
South European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	19 Jun 19
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	50.0-60.0*	0%	18 Jun 19
Japan, copper, Grade A, cathode, cif, \$/tonne	60.0-70.0*	0%	18 Jun 19
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	40.0-60.0*	0%	18 Jun 19
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	19 Jun 19
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	19 Jun 19
Southeast Asia, Grade A cathode, cif, \$ per tonne	55.0-65.0*	0%	18 Jun 19
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	52.0-68.0*	0.84% ▲	21 Jun 19
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	54.0-70.0*	-0.8% ▼	21 Jun 19
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	60.0-70.0*	0%	21 Jun 19
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	54.0-60.0*	-0.87% ▼	21 Jun 19
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	52.0-57.0*	0%	21 Jun 19
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	57.0-68.0*	0.81% ▲	21 Jun 19
Taiwan, Grade A cathode, cif, \$ per tonne	47.0-65.0*	0%	18 Jun 19
United States warrants, Grade A cathode, \$/tonne	5.0-15.0*	0%	19 Jun 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, US cents/pound	7.5-8.0*	0%	18 Jun 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, \$/tonne	165.3-176.4*	0%	18 Jun 19
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	90.0-100.0*	0%	21 Jun 19
Aluminium P1020A, cif main Korea ports, spot low-high, \$/tonne	100-110*	0%	18 Jun 19
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0-15.0*	25% ▲	19 Jun 19
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	10.0-15.0*	0%	19 Jun 19
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0-105.0*	0%	18 Jun 19
Aluminium P1020A, South Korea, fca, \$/tonne	120.0-130.0*	0%	18 Jun 19
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	18 Jun 19
Aluminium P1020A, Taiwan, cif, \$/tonne	110.0-120.0*	4.55% ▲	18 Jun 19
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	170.0-180.0*	0%	18 Jun 19
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	160.0-180.0*	0%	18 Jun 19
† week-on-week change continued >			



	Price	Change	Assessed
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	80.0-90.0*	0%	18 Jun 19
Aluminium ingot ADC 12 ex-works China, duty-paid, yuan/tonne	13,200-13,500*	-0.74% ▼	19 Jun 19
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,480-1,510*	-1.97% ▼	19 Jun 19
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	95.0-105.0*	0%	21 Jun 19
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	105.0-105.0*	25% ▲	25 Mar 19
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	145.0-155.0*	0%	21 Jun 19
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	310.0-330.0*	-3.03% ▼	21 Jun 19
Aluminium P1020A, free market delivered, cents per pound	98.66-99.16*	0.44% ▲	20 Jun 19
Aluminium P1020A, duty paid premium, delivered Midwest, cents per pound	18.5-19*	0%	21 Jun 19
Aluminium P1020A, cif Baltimore premium, US cents/lb	5.5-5.75*	0%	18 Jun 19
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	19 Jun 19
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	220.0-240.0*	0%	18 Jun 19
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	160.0-165.0*	0%	18 Jun 19
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	320.0-340.0*	0%	21 Jun 19
Aluminium billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	350.0-370.0*	-2.7% ▼	21 Jun 19
Aluminium billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	350.0-370.0*	-2.7% ▼	21 Jun 19
Aluminium billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	340.0-350.0*	-2.82% ▼	21 Jun 19
Aluminium billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-210.0*	0%	07 Jun 19
Aluminium billet, cif Japan duty-unpaid over MJP and LME cash pay, \$/gross tonne	140.0-155.0*	0%	18 Apr 19
Aluminium billet, cif Turkey (Marmara region) duty-unpaid over LME cash pay, \$/gross tonne	270.0-300.0*	0%	21 Jun 19
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	340.0-360.0*	0%	14 Jun 19
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	360.0-380.0*	0%	14 Jun 19
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	12.0-15.0*	0%	14 Jun 19
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	14 Jun 19
Annual aluminium wheel alloy silicon 7 ingot cif main Japanese ports (Yokohama, Osaka, Nagoya) \$/tonne	120.0-140.0*	15.56% ▲	11 Jan 19
Annual aluminium wheel alloy silicon 7 ingot cif main South Korean ports (Busan, Gwangyang, Incheon) \$/tonne	95.0-125.0*	22.22% ▲	11 Jan 19
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-15.0*	0%	19 Jun 19
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	19 Jun 19
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	19 Jun 19
Southeast Asia, min 99.97% cif, \$/tonne	75.0-85.0*	0%	18 Jun 19
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	18 Jun 19
Taiwan, 99.97% purity, cif, \$/tonne	70.0-90.0*	0%	18 Jun 19
Taiwan, 99.99% purity, cif, \$/tonne	135.0-145.0*	0%	18 Jun 19

	Price	Change	Assessed
India, 99.97% purity, cif, \$/tonne	90.0-140.0*	0%	18 Jun 19
India, 99.99% purity, cif, \$/tonne	130.0-150.0*	0%	18 Jun 19
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	19 Jun 19
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	19 Jun 19
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	18 Jun 19
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	18 Jun 19
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	360.0-420.0*	65.96% ▲	18 Jun 19
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	350.0-410.0*	68.89% ▲	18 Jun 19
Shanghai, nickel premium, 99.80% purity, briquette, duty-free, cif, \$/tonne	240.0-290.0*	3.92% ▲	28 May 19
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	150-200*	0%	19 Jun 19
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	19 Jun 19
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	150-200*	0%	19 Jun 19
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	19 Jun 19
North European warrants, min 99.80%, in-warehouse, \$/tonne	110-150*	0%	19 Jun 19
uncut cathodes premium indicator	200.0-220.0*	0%	18 Jun 19
4x4 cathodes premium indicator	440.0-480.0*	0%	18 Jun 19
briquettes premium indicator	200.0-250.0*	0%	18 Jun 19
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	37-45*	0%	18 Jun 19
Nickel briquette premium, delivered consumer works US, US cents per pound	20-25*	0%	18 Jun 19
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	475-530*	0.5% ▲	18 Jun 19
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	410-450*	0%	18 Jun 19
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	20-60*	0%	19 Jun 19
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	18 Jun 19
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	18 Jun 19
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	200-220*	0%	18 Jun 19
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	450-525*	0%	18 Jun 19
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	515-590*	0%	18 Jun 19
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	20.0-30.0*	0%	19 Jun 19
MB EU: Special high grade, fca Rotterdam, \$/tonne	90.0-110.0*	8.11% ▲	18 Jun 19
Malaysia fca, 99.995%, \$/tonne	110.0-120.0*	0%	18 Jun 19
Southeast Asia cif, 99.995%, \$/tonne	140.0-150.0*	0%	18 Jun 19
Singapore, zinc premium, 99.995% purity, fca \$/tonne	110.0-120.0*	0%	18 Jun 19
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	90.0-100.0*	0%	18 Jun 19
Shanghai 99.995% purity, cif \$/tonne	80.0-90.0*	0%	18 Jun 19
Taiwan 99.995% purity SHG ingots, cif \$/tonne	145.0-155.0*	0%	18 Jun 19
India 99.995% purity, cif duty-unpaid \$/tonne	120.0-140.0*	0%	18 Jun 19

† week-on-week change

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	Price	Change	Assessed
India 99.995% purity, cif duty-paid \$/tonne	230.0-250.0*	0%	18 Jun 19
Antwerp 99.995% purity, duty-paid fca \$/tonne	90.0-110.0*	8.11% ▲	18 Jun 19
Italy 99.995% purity, duty-paid fca \$/tonne	135.0-145.0*	0%	18 Jun 19
Italy 99.995% purity, delivered duty-paid \$/tonne	185.0-190.0*	0%	18 Jun 19
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	19 Jun 19
MB US: Special high grade, cents/lb	80-90*	0%	18 Jun 19

BASE METALS

	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,850.0-2,950.0*	-3.33% ▼	20 Jun 19
Alumina Index fob Australia	327.88*	-3.47% ▼	21 Jun 19
Alumina Index fob Brazil	-3.43*		20 Jun 19
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	324.45*		21 Jun 19
Aluminium			
Shanghai bonded aluminium stocks, tonnes	5,000-6,000*	-8.33% ▼	03 Jun 19
Calcined petroleum coke, aluminium anode grade, fob US Gulf Coast, \$/tonne	320-325*	0%	06 Jun 19
Calcined petroleum coke, aluminium anode grade, fob China, \$/tonne	330-340*	0%	06 Jun 19
Aluminium 6063 extrusion conversion margin, exw Germany, \$/tonne	695-700*	0%	06 Jun 19
Aluminium 6063 extrusion conversion margin, exw US Midwest, cents/lb	65-75*	0%	06 Jun 19
Aluminium FRP 1050 sheet conversion margin, exw Germany, \$/tonne	660-665*	0%	06 Jun 19
Aluminium FRP 5052 sheet conversion margin, exw US cents/lb	83-87*	1.19% ▲	06 Jun 19
Aluminium FRP 5000 sheet conversion margin, exw China, \$/tonne	640-650*	0%	06 Jun 19
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	37*	0%	20 Jun 19
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	20 Jun 19

Copper & Brass

Producer premium			
Aurubis European Grade A cathode ex-works \$/tonne	96.0	11.63% ▲	01 Oct 18
Codelco: Contract Grade A cathode (average)	98.0	11.36% ▲	26 Sep 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	100,158.250	-4.78% ▼	31 May 19
Blister copper 98-99% spot RC cif China \$ per tonne	160-170*	0%	31 May 19
Blister copper 98-99% annual benchmark RC cif China \$ per tonne	165-180*	0%	28 Feb 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb	5.35*	-1.11% ▼	21 Jun 19
Copper concentrate Asia-Pacific Index TC import, \$/dmt	53.5*	-1.11% ▼	21 Jun 19
Shanghai bonded copper stocks, tonnes	489,000-495,000*	-8.89% ▼	17 Jun 19

	Price	Change	Assessed
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	940-970*	0%	21 Jun 19
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	950-970*	0%	21 Jun 19
Shanghai bonded nickel stocks, tonnes	19,500-26,500*	-11.88% ▼	03 Jun 19
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	28-29*	0%	21 Jun 19
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	48-50*	0%	21 Jun 19
Nickel sulfate min 21%, max: 22.5%; cobalt 10ppm max, China ex-works, yuan/tonne	23,500-24,000*	0%	21 Jun 19
Lead			
Lead concentrate spot treatment charge (TC) high silver CIF China, \$/tonne	40-60*	0%	31 May 19
Lead concentrate spot treatment charge (TC) low silver CIF China, \$/tonne	5-15*	-60% ▼	31 May 19
Lead concentrate (TC) high silver, annual benchmark, \$/tonne	98*	0%	03 Jun 19
Lead concentrate (TC) low silver, annual benchmark, \$/tonne	99*	0%	15 Mar 18
Zinc			
UK: Special high grade, delivered monthly average price £/tonne	2,301*	-4.01% ▼	03 Jun 19
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	260-290*	0%	31 May 19
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	6,600-6,900*	0%	31 May 19
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	6,400-6,600*	0%	31 May 19
Shanghai bonded zinc stocks, tonnes	105,500-112,500*	12.37% ▲	03 Jun 19

† week-on-week change

continued >



PRECIOUS METALS			
	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	1,410-1,510*	0%	21 Jun 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,480	0%	21 Jun 19
Engelhard base price: \$/troy oz	1,485	0%	21 Jun 19
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,493-1,522*	4.11% ▲	21 Jun 19
Engelhard base price: \$/troy oz	1,500	2.88% ▲	21 Jun 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,489	1.99% ▲	21 Jun 19
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	806-816*	-0.18% ▼	21 Jun 19
Engelhard base price: \$/troy oz	816	-0.12% ▼	21 Jun 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	809	-0.86% ▼	21 Jun 19
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	3,100-3,350*	-7.86% ▼	21 Jun 19
Engelhard base price: \$/troy oz	3,350	-4.96% ▼	21 Jun 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	3,280	-6.29% ▼	21 Jun 19
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	200-255*	0%	21 Jun 19
Engelhard base price: \$/troy oz	255	0%	21 Jun 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	253	0%	21 Jun 19
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	6,300-6,550*	-0.77% ▼	21 Jun 19
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	6,150-6,400*	-0.79% ▼	21 Jun 19
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	38,000-39,000*	0%	19 Jun 19
Arsenic			
MB free market \$/lb	1.20-1.5*	0%	21 Jun 19
Bismuth			
MB free market \$/lb	3-3.20*	-4.62% ▼	21 Jun 19
MB China domestic, min 99.99%, yuan/tonne	42,000-43,000*	0%	21 Jun 19
Cadmium			
MB free market min 99.95% cents/lb	118-128*	0%	21 Jun 19
MB free market min 99.99% cents/lb	120-130*	0%	21 Jun 19
Chromium			
MB free market alumino-thermic min 99% \$/tonne	7,580-7,850*	0%	21 Jun 19
Cobalt			
MB free market alloy-grade \$/lb	14.5-15.15*	-4.05% ▼	21 Jun 19
MB free market standard-grade \$/lb	13.85-14.5*	-4.06% ▼	21 Jun 19
MB alloy-grade, weighted average of all confirmed international trades, \$/lb	14.60*	-4.26% ▼	21 Jun 19
MB standard-grade, weighted average of all confirmed international trades, \$/lb	14.64*	0%	19 Jun 19
MB China domestic, min 99.8% yuan/tonne	230,000-255,000*	-1.22% ▼	21 Jun 19
Cobalt hydroxide index min 30% Co, cif China, \$/lb	10.45*	0.48% ▲	31 May 19

	Price	Change	Assessed
Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	62-63*	-2.34% ▼	14 Jun 19
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	160,000-165,000*	-4.69% ▼	21 Jun 19
Cobalt sulfate, Co 20.5% basis, China ex-works, yuan/tonne	39,000-40,000*	-2.47% ▼	21 Jun 19
Cobalt sulfate, Co 20.5% basis, adjustment to standard-grade cobalt low-end price, exw China, \$/lb	-2.76--2.48*	-11.78% ▼	21 Jun 19
Gallium			
MB free market \$/kg	153-160*	0%	21 Jun 19
MB China domestic, min 99.99%, yuan/kg	960-980*	0.52% ▲	19 Jun 19
Germanium			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	21 Jun 19
Germanium metal \$/kg Rotterdam	1,150-1,300*	0%	21 Jun 19
Germanium metal MB China domestic, min 99.999%, yuan/kg	7,500-8,100*	1.3% ▲	19 Jun 19
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	900-1,050*	0%	21 Jun 19
Indium			
MB free market \$/kg	155-175*	0%	21 Jun 19
MB China domestic, min 99.99% yuan/kg	1,120-1,160*	0.88% ▲	19 Jun 19
Magnesium			
European free market \$ per tonne	2,470-2,550*	-1.95% ▼	21 Jun 19
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,370-2,400*	-1.65% ▼	21 Jun 19
MB Chinese free market min 99% Mg, ex-works yuan/tonne	15,600-15,800*	-2.18% ▼	21 Jun 19
Manganese flake			
MB free market 99.7%, \$/tonne	1,980-2,080*	0%	21 Jun 19
Electrolytic manganese flake basis 99.7%, fob China \$/tonne	1,820-1,880*	-1.86% ▼	21 Jun 19
Mercury			
MB free market \$ per flask	2,400-2,700*	0%	21 Jun 19
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	650-715*	0%	21 Jun 19
APR catalytic grade \$/kg Re	1,300-1,500*	0%	21 Jun 19
Selenium			
MB free market \$/lb	8.5-10.5*	0%	21 Jun 19
MB China domestic, min 99.9%, yuan/kg	130-165*	-1.67% ▼	21 Jun 19
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,690-1,790*	0%	21 Jun 19
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,630-1,720*	0%	21 Jun 19
US free market cents/lb	108-111*	-0.45% ▼	10 Jun 19
Export from mainland China min 98.5%, \$/tonne fob	1,440-1,510*	0%	21 Jun 19
Tellurium			
MB free market 99.9-99.99%, \$/kg	51-65*	0%	21 Jun 19
MB China domestic, min 99.99%, yuan/kg	390-420*	0%	21 Jun 19
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.95-5.20*	-0.98% ▼	19 Jun 19
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	1,150-1,350	0%	20 Jun 19
Rutile bulk conc min 95% TiO2 fob/Aus	1,100-1,200	0%	20 Jun 19
Ilmenite concentrate, 47-49% TiO2 cif China	180-190	0%	20 Jun 19
† week-on-week change			continued >



NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	12.30-12.35*	-0.8%	▼ 21 Jun 19
Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	12.30-12.35*	-0.6%	▼ 21 Jun 19
US canned molybdic oxide \$/lb Mo	12.30-12.5*	0.81%	▲ 20 Jun 19
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	28.30-28.60*	-0.87%	▼ 21 Jun 19
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	13.40-13.60*	1.69%	▲ 20 Jun 19
Tungsten			
European free market APT \$/mtu	250-255*	-2.88%	▼ 21 Jun 19
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	230-245*	-3.06%	▼ 19 Jun 19
MB Chinese free market concentrate 65% W03 in-warehouse China yuan/tonne	84,000-86,000*	-4.49%	▼ 19 Jun 19
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	29-30*	-5.6%	▼ 21 Jun 19
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	35-37*	0%	20 Jun 19
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	34.45-36*	-2.83%	▼ 21 Jun 19
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	17.5-18*	-1.39%	▼ 20 Jun 19
Vanadium pentoxide 98% min, fob, China \$/lb V205	7.90-8.20*	0%	20 Jun 19
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V205	7-7.95*	0%	21 Jun 19
BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	0.74*	-1.33%	▼ 21 Jun 19
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1*	-1.96%	▼ 21 Jun 19
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,500-6,700*	0%	21 Jun 19
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,550-6,750*	0%	21 Jun 19
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.2*	7.14%	▲ 01 Apr 19
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si, major European destinations	0.78-0.84*	-4.71%	▼ 21 Jun 19
0.10% C average 65-70% Cr	1.80-1.90*	-1.33%	▼ 14 Jun 19
European low carbon in-warehouse 0.06% C max - 65% Cr	1.90-2.07*	1.79%	▲ 14 Jun 19
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	0.94-1*	-3%	▼ 14 Jun 19
High-carbon ferro-chrome 57-65% Cr, cif duty-unpaid Japan, \$/lb	0.78-0.80*	-1.25%	▼ 20 Jun 19
High carbon ferro-chrome 57-65% Cr, cif duty-unpaid South Korea, \$/lb	0.75-0.78*	-1.29%	▼ 20 Jun 19
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	1.08-1.18*	0%	20 Jun 19
0.05% C - 65% min Cr	2.10-2.15*	0%	20 Jun 19
0.10% C - 62% min Cr	1.93-1.96*	0%	20 Jun 19
0.15% C - 60% min Cr	1.87-1.90*	0%	20 Jun 19

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	144*	-2.04%	▼ 21 Jun 19
Turkish lumpy 40-42% cfr main Chinese ports	195-205*	0%	21 Jun 19
Chrome Ore inventories at the main ports of Tianjin, Qinzhou, Lianyungang and Shanghai, million tonnes	2.65-2.69*	3.09%	▲ 10 Jun 19
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,020-1,070*	0%	21 Jun 19
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,350-1,400*	0%	20 Jun 19
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.13-1.15*	0%	20 Jun 19
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	6,600-6,700*	0%	21 Jun 19
Manganese ore			
44% Mn index, cif Tianjin \$/dmu of metal contained	5.75*	-2.21%	▼ 21 Jun 19
37% Mn index, fob Port Elizabeth \$/dmu of metal contained	4.59*	-0.22%	▼ 21 Jun 19
37% Mn index, cif Tianjin \$/dmu of metal contained	5.26*	0%	21 Jun 19
base 37% Mn port index, range 35-39%, fob Tianjin yuan/dmtu	47.5*	5.09%	▲ 21 Jun 19
base 44% Mn port index, range 42-48%, fob Tianjin yuan/dmtu	49.30*	3.57%	▲ 21 Jun 19
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	4.09-4.12*	0.61%	▲ 17 Jun 19
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-200--100*	0%	28 May 19
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata), major European destinations, €/tonne	950-980*	-5.85%	▼ 21 Jun 19
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	0.83-0.88*	0%	20 Jun 19
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,130-1,180*	0%	21 Jun 19
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	5,900-6,100*	0%	21 Jun 19
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata), major European destinations, €/tonne	950-990*	-2.51%	▼ 21 Jun 19
US free market \$/lb in-warehouse Pittsburgh	0.60-0.63*	0%	20 Jun 19
MB Chinese free market min 65% Mn max 17% Si in-warehouse duty-paid China yuan/tonne	7,350-7,400*	1.37%	▲ 21 Jun 19
65% min Mn 16% min Si \$/tonne fob India	1,010-1,030*	0.49%	▲ 21 Jun 19

† week-on-week change

continued >



CARBON STEEL - EUROPE			
	Price	Change [†]	Assessed
Northern Europe imports			
<i>Fastmarkets MB's assessment of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>			
Rebar	480-490*	2.65% ▲	19 Jun 19
Wire rod (mesh quality)	500-510*	0%	19 Jun 19
Plate (8-40mm)	540-550*	0%	19 Jun 19
Hot rolled coil	485-500*	0%	19 Jun 19
Cold rolled coil	550-565*	0%	19 Jun 19
Hot-dip galvanized coil	620-630*	1.63% ▲	19 Jun 19
Southern Europe imports			
<i>Fastmarkets MB's assessment of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>			
Rebar	465-480*	0%	19 Jun 19
Wire rod (mesh quality)	480-500*	0%	19 Jun 19
Plate (8-40mm)	515-535*	0%	19 Jun 19
Hot rolled coil	470-480*	0%	19 Jun 19
Cold rolled coil	540-550*	-1.36% ▼	19 Jun 19
Hot-dip galvanized coil	620-630*	1.63% ▲	19 Jun 19
Southern Europe exports			
<i>Fastmarkets MB's assessment of Southern Europe mills' prices for export outside Southern Europe of commercial-quality carbon steel, € per tonne fob main Southern European port</i>			
Rebar	460-470*	0%	19 Jun 19
Wire rod (mesh quality)	470-480*	0%	19 Jun 19
Northern Europe domestic			
<i>Fastmarkets MB's assessment of prices within the EU (excluding the UK) for commercial-quality carbon steel of EU origin, € per tonne delivered basis point</i>			
Rebar	510-530*	0.48% ▲	19 Jun 19
Wire rod (mesh quality)	505-515*	0%	19 Jun 19
Sections (medium)	620-640*	0%	19 Jun 19
Beams	570-605*	-0.42% ▼	19 Jun 19
Southern Europe domestic			
<i>Fastmarkets MB's assessment of prices within the EU (excluding the UK) for commercial-quality carbon steel of EU origin, € per tonne delivered basis point</i>			
Rebar	495-515*	0%	19 Jun 19
Wire rod (mesh quality)	505-515*	0%	19 Jun 19
Sections (medium)	620-650*	0%	19 Jun 19
Beams	615-620*	0%	19 Jun 19
Central Europe domestic € per tonne ex-works			
Hot rolled coil	475-485*	0%	19 Jun 19
Poland domestic zloty per tonne ex-works			
Rebar	2,000-2,110*	-0.24% ▼	21 Jun 19
Northern Europe € per tonne ex-works			
Plate (8-40mm)	565-580*	0%	19 Jun 19
Hot rolled coil	485-500*	0.51% ▲	19 Jun 19
Cold rolled coil	570-590*	-0.85% ▼	19 Jun 19
Hot-dip galvanized coil	580-600*	-0.84% ▼	19 Jun 19
Southern Europe € per tonne ex-works			
Plate (8-40mm)	515-530*	0%	19 Jun 19
Hot rolled coil	470-490*	0%	19 Jun 19
Cold rolled coil	540-570*	-0.89% ▼	19 Jun 19
Hot-dip galvanized coil	540-570*	-0.89% ▼	19 Jun 19

CARBON STEEL - CIS			
	Price	Change [†]	Assessed
CIS exports (Black Sea)			
<i>Fastmarkets MB's assessment 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	411*	-3.29% ▼	21 Jun 19
Slab	440-440*	0%	18 Jun 19
Rebar	460-475*	-0.53% ▼	18 Jun 19
Wire rod (mesh)	500-510*	0%	18 Jun 19
Heavy plate (10-50mm)	550-585*	0%	18 Jun 19
Hot rolled coil	470-485*	-1.04% ▼	18 Jun 19
Cold rolled coil	530-555*	-0.91% ▼	18 Jun 19
Russia domestic			
<i>Fastmarkets MB's assessment of prices within Russia for commercial-quality carbon steel, rubles per tonne, carriage paid to (cpt) inc VAT</i>			
Rebar	40,000-40,500*	0%	17 Jun 19
Hot rolled sheet	43,000-44,500*	0%	17 Jun 19
Cold rolled sheet	49,300-51,000*	0%	17 Jun 19
Plate	43,500-45,000*	0%	17 Jun 19
CARBON STEEL - MIDDLE EAST			
	Price	Change [†]	Assessed
Turkish exports			
<i>Fastmarkets MB's assessment of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i>			
Billet	420-430*	-1.73% ▼	20 Jun 19
Rebar	445-460*	0%	20 Jun 19
Wire rod (mesh quality)	500-510*	0%	20 Jun 19
Merchant bars	530-540*	-3.17% ▼	20 Jun 19
Structural pipe	560-580*	-1.72% ▼	12 Jun 19
Hot rolled coil	495-520*	-0.49% ▼	21 Jun 19
Hot dip galvanized	680-690*	0%	21 Jun 19
Turkish domestic			
<i>Fastmarkets MB's assessment of prices within Turkey for commercial-quality carbon steel of Turkish origin, \$ per tonne ex-works</i>			
Billet	430-435*	-0.57% ▼	20 Jun 19
Hot rolled coil	500-520*	-2.86% ▼	21 Jun 19
Cold rolled coil	610-620*	-1.6% ▼	21 Jun 19
Hot dip galvanized	670-700*	0%	21 Jun 19
Prepainted galvanized	770-800*	0%	21 Jun 19
<i>Fastmarkets MB's assessment of prices within Turkey for commercial-quality carbon steel of Turkish origin, TRY per tonne ex-works 18% VAT included</i>			
Rebar	3,160-3,190*	-1.09% ▼	20 Jun 19
Wire rod (mesh quality)	3,450-3,550*	-1.41% ▼	20 Jun 19
Turkish imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	420-435*	-1.72% ▼	20 Jun 19
Hot rolled coil	485-505*	-1% ▼	21 Jun 19
Cold rolled coil	560-565*	0%	21 Jun 19
UAE imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	455-465*	0%	18 Jun 19
Rebar	490-500*	-2.46% ▼	18 Jun 19
Hot rolled coil	520-530*	-0.94% ▼	18 Jun 19
Cold rolled coil	585-590*	0%	18 Jun 19
Hot dip galvanized coil	680-760*	0%	18 Jun 19
Saudi Arabia imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Hot rolled coil	540-545*	0%	18 Jun 19

† week-on-week change

continued >



	Price	Change	Assessed
UAE domestic			
<i>Fastmarkets MB's assessment of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i>			
Rebar	1,800-1,881*	0%	18 Jun 19
Iran exports			
<i>Fastmarkets MB's assessment of prices quoted by Iranian suppliers for commercial-quality carbon steel to overseas buyers, \$ per tonne fob Iranian ports</i>			
Billet	380-390*	-1.28% ▼	19 Jun 19
Slab	380-385*	-0.65% ▼	19 Jun 19
Egyptian domestic			
<i>Fastmarkets MB's assessment of prices within Egypt for commercial-quality carbon steel of Egyptian origin, EE per tonne ex-works</i>			
Rebar	11,580-11,980*	0%	20 Jun 19
Egyptian import			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	440-447*	-0.89% ▼	20 Jun 19
CARBON STEEL - LATIN AMERICA			
	Price	Change†	Assessed
Latin American exports			
<i>Fastmarkets MB's assessment 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	440-450*	0%	21 Jun 19
Slab, Brazil	425-440*	-0.57% ▼	21 Jun 19
Wire rod mesh quality	520-530*	0%	21 Jun 19
Heavy plate over 10mm	565-570*	0%	21 Jun 19
Hot rolled coil (dry)	510-520*	0%	21 Jun 19
Cold rolled coil	565-595*	0%	21 Jun 19
South America imports			
<i>Fastmarkets MB's assessment of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i>			
Plate	570-580*	0%	21 Jun 19
Hot rolled coil	525-535*	-0.93% ▼	21 Jun 19
Cold rolled coil	560-570*	-1.74% ▼	21 Jun 19
Galvanized coil	615-630*	-0.4% ▼	21 Jun 19
Argentina domestic \$ per tonne ex-works			
<i>Fastmarkets MB's assessment of prices within Argentina for commercial-quality carbon steel, \$ per tonne</i>			
Hot rolled coil	720-725*	0%	14 Jun 19
Cold rolled coil	815-820*	0%	14 Jun 19
Galvanized coil	1,045-1,125*	0%	14 Jun 19
Rebar	850-860*	0%	14 Jun 19
Brazil domestic			
<i>Fastmarkets MB's assessment of prices within Brazil for commercial-quality carbon steel, Reais per tonne ex-works</i>			
Hot rolled coil	2,517-2,565*	-1.7% ▼	07 Jun 19
Cold rolled coil	2,700-2,745*	-3.46% ▼	07 Jun 19
Hot dip galvanized coil	3,112-3,200*	-5.58% ▼	07 Jun 19
<i>Fastmarkets MB's assessment of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,450-2,600*	-5.08% ▼	07 Jun 19
CARBON STEEL - NAFTA			
	Price	Change†	Assessed
US imports			
<i>Fastmarkets MB's assessment of prices for imported, non-Nafta origin, commercial-quality carbon steel, \$ per short ton cfr port Houston</i>			
Rebar	640-660*	-2.99% ▼	19 Jun 19
Merchant bars	730-740*	0%	31 May 19

	Price	Change	Assessed
Wire rod (low carbon)	645-680*	0%	18 Jun 19
Medium sections	780-790*	0%	30 May 19
Medium plate	760-820*	-1.25% ▼	12 Jun 19
Hot rolled coil (commodity)	560-600*	-3.33% ▼	12 Jun 19
Cold rolled coil	720-760*	-0.67% ▼	12 Jun 19
Hot dipped galvanized 0.012-0.015, G30	960-980*	0%	12 Jun 19
ERW linepipe (X42)	1,030-1,130*	-3.57% ▼	28 May 19
OCTG API5CT - casing J55	950-1,000*	-7.14% ▼	28 May 19
US domestic			
<i>Fastmarket AMM's assessment 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)	650-670*	-2.22% ▼	19 Jun 19
Plate (fob mill)	790-790*	-1.25% ▼	14 Jun 19
Hot rolled sheet Midwest index (fob mill)	525.80-525.80*	-4.09% ▼	20 Jun 19
Cold rolled sheet (fob mill)	700-700*	-2.78% ▼	20 Jun 19
Hot-dip galvanized (base) Midwest (fob mill)	710-710*	-4.05% ▼	20 Jun 19
OCTG API5CT - casing J55 (fob mill)	1,125-1,150*	-3.19% ▼	28 May 19
<i>Fastmarket AMM's assessment 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)	36.25-36.25*	-3.33% ▼	31 May 19
CARBON STEEL - ASIA			
	Price	Change†	Assessed
China exports			
<i>Fastmarkets MB's assessment of Chinese mills prices for export of commercial-quality carbon steel, \$ per tonne fob main China port</i>			
Rebar index	501-501*	-1.35% ▼	21 Jun 19
Wire rod (mesh quality)	510-510*	0%	18 Jun 19
Heavy plate	495-505*	-2.44% ▼	18 Jun 19
Hot rolled coil index	486-486*	-0.78% ▼	21 Jun 19
Cold rolled coil	515-525*	-1.89% ▼	18 Jun 19
Galvanized coil 1mm	570-575*	-1.72% ▼	18 Jun 19
Eastern China domestic			
<i>Fastmarkets MB's assessment of prices in eastern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	3,830-3,870*	-0.9% ▼	21 Jun 19
Wire rod (mesh)	3,880-3,920*	-1.02% ▼	21 Jun 19
Sections	3,800-3,880*	-0.65% ▼	21 Jun 19
Plate	3,760-3,840*	0%	21 Jun 19
Hot rolled coil (min 2mm)	3,780-3,800*	-0.39% ▼	21 Jun 19
Cold rolled coil (0.5 - 2 mm)	4,050-4,120*	-0.37% ▼	21 Jun 19
Hot-dip galvanized coil	4,550-4,640*	-1.39% ▼	21 Jun 19
Northern China domestic			
<i>Fastmarkets MB's assessment of prices in northern China for commercial-quality carbon steel of Chinese origin (Tangshan), yuan per tonne ex-works</i>			
Billet	3,460-3,460*	-1.42% ▼	21 Jun 19
<i>Fastmarkets MB's assessment of prices in northern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Hot rolled coil	3,740-3,780*	-0.79% ▼	21 Jun 19
Rebar	3,650-3,730*	-3.4% ▼	21 Jun 19
Southern China domestic			
<i>Fastmarkets MB's assessment of prices in southern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	3,800-3,900*	-2.53% ▼	21 Jun 19
Wire rod (mesh)	4,060-4,140*	-0.36% ▼	21 Jun 19
Sections	4,000-4,030*	-1.11% ▼	21 Jun 19
Plate	3,930-4,000*	-1.12% ▼	21 Jun 19
Hot rolled coil (min 2mm)	3,850-3,910*	0.26% ▲	21 Jun 19
Cold rolled coil (0.5 - 2 mm)	4,160-4,200*	-0.83% ▼	21 Jun 19
Hot-dip galvanized coil	4,640-4,720*	-0.64% ▼	21 Jun 19
† week-on-week change			continued >



	Price	Change	Assessed
Southeast Asia imports			
<i>Fastmarkets MB's assessment of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	455-460*	0.55% ▲	21 Jun 19
Slab (Asia/East Asia)	440-450*	-2.2% ▼	17 Jun 19
Hot rolled coil (Vietnam)	493-495*	-1.69% ▼	17 Jun 19
Rebar (Singapore)	486-487*	0%	17 Jun 19
Wire rod (low carbon)	515-520*	0%	17 Jun 19
Indian exports			
<i>Fastmarkets MB's assessment of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port</i>			
Billet	430-435*	1.76% ▲	21 Jun 19
Plate (12-40mm)	510-520*	0%	21 Jun 19
Hot rolled coil (commodity)	500-505*	0%	21 Jun 19
Hot-dip galvanized coil	685-690*	0%	21 Jun 19
Indian imports			
<i>Fastmarkets MB's assessment of prices for imported, non-EU origin, commercial-quality carbon steel, \$ per tonne cfr main India port</i>			
Plate (20-60mm)	540-550*	0%	21 Jun 19
Hot rolled coil (commodity)	520-535*	0%	21 Jun 19
Hot rolled coil (CR grade)	535-540*	0%	21 Jun 19
Cold rolled coil	595-600*	0%	21 Jun 19
Indian domestic			
<i>Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	28,100-28,300*	-5.37% ▼	21 Jun 19
Heavy plate	40,500-41,000*	0%	21 Jun 19
Hot rolled coil	40,000-40,500*	0%	21 Jun 19
Cold rolled coil	46,000-46,500*	0%	21 Jun 19
DRI	17,200-17,400*	-4.42% ▼	21 Jun 19
Hot-dip galvanized coil	49,500-50,000*	0%	21 Jun 19
Rebar	33,100-33,300*	-2.92% ▼	21 Jun 19
STAINLESS STEEL			
	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	1,880-1,950*	-0.26% ▼	19 Jun 19
Grade 304 hot rolled coil	1,780-1,850*	0%	19 Jun 19
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,000-14,350*	0.53% ▲	19 Jun 19
Grade 430 2mm CR coil	7,950-8,000*	0%	19 Jun 19
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N.Europe Base price	880-925*	0%	21 Jun 19
Alloy surcharge	1,339-1,380*	0%	21 Jun 19
N.Europe transaction	2,150-2,220*	-1.58% ▼	21 Jun 19
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,225-1,260*	0%	21 Jun 19
Alloy surcharge	2,068-2,122*	0%	21 Jun 19
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,060*	0%	21 Jun 19
Alloy surcharge	1,658-1,710*	0%	21 Jun 19

	Price	Change	Assessed
US domestic			
<i>Fastmarkets 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*	-7.02% ▼	10 Jun 19
Grade 316 coiled plate	153-153*	-1.92% ▼	10 Jun 19
Grade 304 cold rolled sheet	122-122*	-4.69% ▼	10 Jun 19
Grade 316L cold rolled sheet	163-163*	-2.98% ▼	10 Jun 19
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,146.03*	-1.39% ▼	17 Jun 19
IRON ORE			
	Price	Change†	Assessed
65% Fe Brazilian Index CFR Qingdao (MBIOI-65-BZ-Index) \$/tonne	127.80*	3.31% ▲	21 Jun 19
Lump premium CFR Qingdao (MBIOI-LP Index) cents per dmtu	36*	7.46% ▲	21 Jun 19
Iron ore index (62% Fe)	116.98*	6.06% ▲	21 Jun 19
Iron ore index (62% LA)	118.46*	3.72% ▲	21 Jun 19
58% Fe Iron Ore Index (MBIOI-58) CFR Qingdao on a 58% Fe basis Daily Price \$/dry metric tonne	101.76*	7.41% ▲	21 Jun 19
High grade Premium (MBIOI-58P) CFR Qingdao on a 58% basis low alumina, low phosphorous Daily Price \$/dry metric tonne	6*	-14.29% ▼	21 Jun 19
Iron Ore Implied 58% Fe high specification price	107.76*	5.92% ▲	21 Jun 19
Iron Ore product differential - PBF delivered Qingdao, China CFR \$/tonne	-1.20*	0%	21 Jun 19
Iron ore 62% Fe Pilbara Blend Fines (MBIOI-PBF) \$/tonne	115.78*	6.12% ▲	21 Jun 19
Iron Ore 62% Fe China port price index	856*	3.51% ▲	21 Jun 19
Implied 62% Fe China Port Price \$ per tonne	115.29*	4.39% ▲	21 Jun 19
Iron ore pellet index cfr Qingdao (65% Fe)	143.71*	3% ▲	21 Jun 19
Iron ore concentrate index cfr Qingdao (66% Fe)	123.05*	3.85% ▲	21 Jun 19
Iron ore implied pellet premium CFR Qingdao US\$/tonne	29.95*	-7.82% ▼	21 Jun 19
Iron ore implied pellet premium over the Fastmarkets MB 65% Fe Brazilian iron ore index cfr Qingdao US\$/tonne	18.65*	0.54% ▲	21 Jun 19
Iron ore DR-grade pellet premium index Middle East reference, \$/dmt	68*	1.49% ▲	31 May 19
Metal Bulletin Indicator for US\$/% Al MBIOI Al-VIU cfr Qingdao	-5.36*	-1.83% ▼	17 Jun 19
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.74*	4.19% ▲	17 Jun 19
Iron Ore Fines 65% Fe, % Fe value in use cfr Qingdao \$/dry metric tonne	2.14*	2.39% ▲	17 Jun 19
Metal Bulletin Indicator for US\$/% Si MBIOI Si-VIU cfr Qingdao	-1.45*	10.69% ▲	17 Jun 19
Iron Ore Fines 62% Fe, 0.01% Phosphorous value in use MBIOI Phos-VIU cfr Qingdao US cent per dry metric tonne	-1.29*	3.2% ▲	17 Jun 19
† week-on-week change			

continued >



COKING COAL			
\$ per metric tonne			
	Price	Change†	Assessed
Premium hard coking coal index cfr China	201.20*	-1.14% ▼	21 Jun 19
Hard coking coal index cfr China	188.30*	-1.41% ▼	21 Jun 19
Premium hard coking coal index fob Australia	194.57*	-0.55% ▼	21 Jun 19
Hard coking coal index fob Australia	179.94*	0% ▼	21 Jun 19
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,470-1,800*	0% ▼	21 Jun 19
65% CSR coke \$/tonne fob China	320-335*	-2.24% ▼	18 Jun 19
Low Vol PCI Index \$ per dry metric tonne cfr Jingtang	129.03*	-1.36% ▼	21 Jun 19
Low Vol PCI Index \$ per dry metric tonne fob DBCT	122.73*	-4.45% ▼	21 Jun 19
FERROUS SCRAP			
	Price	Change†	Assessed
UK ferrous scrap domestic			
<i>The following is Fastmarket MB'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>			
£/tonne			
Cut grades			
OA plate and structural	145-170*	0% ▼	14 Jun 19
1&2 old steel	125-150*	0% ▼	14 Jun 19
12A/C new production heavy and shovellable steel	170-195*	0% ▼	14 Jun 19
12D new production heavy and shovellable steel	175-200*	0% ▼	14 Jun 19
Bales and cuttings			
4A new steel bales	175-200*	0% ▼	14 Jun 19
4C new steel bales	165-190*	0% ▼	14 Jun 19
8A new loose light cuttings	160-190*	0% ▼	14 Jun 19
8B new loose light cuttings	145-175*	0% ▼	14 Jun 19
Turnings			
UK inter-merchant 7B heavy steel turnings	105-125*	0% ▼	14 Jun 19
Cast iron			
9A/10 heavy and light cast iron	125-150*	0% ▼	14 Jun 19
9B/C cylinder block scrap	145-170*	0% ▼	14 Jun 19
11A cast iron borings	70-90*	0% ▼	14 Jun 19
<i>Prices relate to new UK scrap specifications</i>			
<i>Please see metalbulletin.com for full explanation of price changes</i>			
UK intermerchant weekly price			
£/tonne			
5C loose old light	80-100*	-5.26% ▼	21 Jun 19
UK ferrous scrap export			
<i>Fastmarkets MB's assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	255-256*	-5.55% ▼	21 Jun 19
Shredded	260-261*	-5.44% ▼	21 Jun 19
Indian imports			
<i>Fastmarkets MB's assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	312.87*	-1.73% ▼	21 Jun 19
HMS 1&2 (80:20 mix)	285-305*	-1.67% ▼	21 Jun 19
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	800-830*	0% ▼	21 Jun 19
18/8 turnings	680-705*	0% ▼	21 Jun 19
316 solids	1,200-1,270*	-1.2% ▼	21 Jun 19
316 turnings	1,020-1,080*	-1.18% ▼	21 Jun 19
12-13% Cr solids	150-210*	0% ▼	21 Jun 19
16-17% Cr solids	210-240*	0% ▼	21 Jun 19

	Price	Change	Assessed
Cif Europe stainless € per tonne			
18/8 solids	920-940*	0% ▼	21 Jun 19
18/8 turnings	830-845*	0% ▼	21 Jun 19
316 solids	1,470-1,490*	-1% ▼	21 Jun 19
316 turnings	1,325-1,340*	-1.11% ▼	21 Jun 19
Rotterdam export			
<i>Fastmarkets MB's assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	270.13*	-4.97% ▼	14 Jun 19
HMS 1&2 (75:25 mix)	244-245*	-5.78% ▼	21 Jun 19
Shredded	254-255*	-5.57% ▼	21 Jun 19
Turkish import			
<i>Fastmarkets MB's assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	273.10*	-3.72% ▼	21 Jun 19
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	278.56*	-3.65% ▼	21 Jun 19
HMS 1&2 (75:25 mix)	263-264*	-5.39% ▼	21 Jun 19
Shredded	283-284*	-5.03% ▼	21 Jun 19
Turkish domestic			
<i>Fastmarkets MB's assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	292-300*	0% ▼	17 Jun 19
Auto bundle scrap (Turkish lira/tonne)	1,650-1,880*	-2.35% ▼	17 Jun 19
USA export			
<i>Fastmarket AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	266.31*	-3.95% ▼	19 Jun 19
Shredded	276.71*	-1.75% ▼	19 Jun 19
USA domestic			
<i>Fastmarkets AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	231.79*	-11.34% ▼	10 Jun 19
No1 busheling	281.73*	-9.77% ▼	10 Jun 19
Shredded	259.05*	-10.77% ▼	10 Jun 19
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,630-2,730*	0.94% ▲	21 Jun 19
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	268-270*	-3.41% ▼	21 Jun 19
Vietnam import			
<i>\$/tonne cfr southern Vietnam</i>			
HMS 1&2	303-305*	-2.72% ▼	21 Jun 19
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	248	-2.59% ▼	01 May 19
No E1 (old steel scrap)	214	-4.68% ▼	01 May 19
No E3 (old thick steel scrap)	242.40	-4.11% ▼	01 May 19
No E40 (shredded steel scrap)	246.60	-4.46% ▼	01 May 19
No E5 (steel turnings)	195.70	-3.02% ▼	01 May 19
<i>Fastmarkets MB's assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	265-275	0% ▼	14 Jun 19
No E8 (thin new production steel scrap)	265-275	-0.92% ▼	14 Jun 19
No E3 (old thick scrap)	260-270	-0.93% ▼	14 Jun 19
Italy domestic			
<i>Fastmarkets MB's assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	245-265	-1.92% ▼	14 Jun 19
No E8 (thin new production steel)	265-275	-2.7% ▼	14 Jun 19
No E40 (shredded steel scrap)	265-280	-1.8% ▼	14 Jun 19

† week-on-week change

continued >



SCRAP SUBSTITUTES			
	Price	Change†	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	345-350*	-1.42% ▼	20 Jun 19
Hot-briquetted iron cfr Italian ports	265-270*	-3.6% ▼	20 Jun 19
Brazil exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	200-205*	-2.41% ▼	21 Jun 19
Pig iron fob Vitoria/Rio Brazil	315-315*	-0.79% ▼	21 Jun 19
Pig iron fob Ponta da Maderia Brazil	332-332*	-1.48% ▼	21 Jun 19
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	345-354*	1.3% ▲	21 Jun 19
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	350-355*	-1.4% ▼	20 Jun 19
Pig iron Black Sea	320-325*	-1.53% ▼	20 Jun 19
NON-FERROUS SCRAP EUROPE			
	Price	Change†	Assessed
Aluminium			
European free market Fastmarkets MB assessment €/tonne			
Floated frag	940-980*	0%	21 Jun 19
Cast	850-870*	-1.15% ▼	21 Jun 19
Mixed turnings 6%	690-740*	0%	21 Jun 19
France per 1000kg			
Pure cuttings	1,350-1,380	0%	18 Jun 19
Old rolled	500-550	-8.7% ▼	18 Jun 19
Commercial cast	550-600	-4.17% ▼	18 Jun 19
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,035-1,065	-0.47% ▼	07 Jun 19
Old mixed scrap	1,470-1,500	-0.34% ▼	07 Jun 19
Commercial cast	860-915	0.57% ▲	07 Jun 19
<i>Source: Assomet</i>			
Copper			
France per 1000kg			
Electro cuttings	4,600-4,650	-1.07% ▼	18 Jun 19
No 1 bright wire	4,500-4,520	-0.33% ▼	18 Jun 19
Mixed (96%)	4,150-4,200	0%	18 Jun 19
Brass plate cuttings 70/30	3,500-3,550	0%	18 Jun 19
Brass turnings	3,050-3,100	0%	18 Jun 19
Mixed brass	2,800-2,850	0%	18 Jun 19
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	4,825-4,985	-0.61% ▼	07 Jun 19
Enamelled wire EN 12861-S-Cu-3	4,703-4,865	-0.62% ▼	07 Jun 19
New from tubes, strips etc EN 12861-S-Cu-4	4,727-4,955	-0.62% ▼	07 Jun 19
Old from tubes, strips etc 12861-S-Cu-7	4,555-4,725	-0.64% ▼	07 Jun 19
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,810-3,925	-0.77% ▼	07 Jun 19
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,045-3,375	-0.93% ▼	07 Jun 19
Several 95% m/m 12861-S-Cu-Zn-7	3,095-3,175	-0.95% ▼	07 Jun 19
<i>Source: Assomet</i>			

UK NON-FERROUS SCRAP			
	Price	Change†	Assessed
Aluminium - actual price			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	1,260-1,300*	0%	19 Jun 19
Commercial pure cuttings	920-960*	-1.05% ▼	19 Jun 19
Clean HE9 extrusions	1,260-1,300*	0%	19 Jun 19
Loose old rolled cuttings	650-665*	0%	19 Jun 19
Baled old rolled	720-740*	0%	19 Jun 19
Commercial cast	730-760*	-1.32% ▼	19 Jun 19
Cast wheels	1,050-1,080*	0%	19 Jun 19
Commercial turnings	550-570*	0%	19 Jun 19
Group 7 turnings	420-440*	-2.27% ▼	19 Jun 19
Fastmarkets MB and LME aluminium scrap discounts			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	79-119*	10% ▲	19 Jun 19
Commercial pure cuttings	419-459*	4.52% ▲	19 Jun 19
Clean HE9 extrusions	79-119*	10% ▲	19 Jun 19
Loose old rolled cuttings	391-406*	-2.92% ▼	19 Jun 19
Baled old rolled	316-336*	-3.55% ▼	19 Jun 19
Commercial cast	296-326*	-0.64% ▼	19 Jun 19
Cast wheels	-24-6*	-400% ▼	19 Jun 19
Commercial turnings	486-506*	-2.36% ▼	19 Jun 19
Group 7 turnings	616-636*	-0.32% ▼	19 Jun 19
Titanium			
<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1.05-1.15*	-2.22% ▼	19 Jun 19
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	1-1.05*	-4.65% ▼	19 Jun 19
Copper scrap discount			
<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	34-38*	-8.86% ▼	27 May 19

† week-on-week change

continued >



NON-FERROUS FOUNDRY INGOTS				
	Price	Change ¹		Assessed
Aluminium UK £/tonne				
Fastmarkets MB free market				
LM24 pressure diecasting ingot	1,290-1,330*	-1.5%	▼	19 Jun 19
LM6/LM25 gravity diecasting ingot	1,600-1,660*	-1.51%	▼	19 Jun 19
NB: prices expressed delivered consumer works, LM series as specified in BS1490				
Aluminium Europe				
Fastmarkets MB free market				
Duty paid delivered works pressure diecasting ingot price (DIN226/A380) - €/tonne	1,300-1,350*	0%		21 Jun 19
Aluminum US \$/lb delivered Midwest				
A380.1 alloy	0.75-0.76*	-0.66%	▼	20 Jun 19
AFFIMET €/tonne				
AS12	3,444	-1.43%	▼	01 Jun 19
AS12 UN	2,415	-2.03%	▼	01 Jun 19
AS9 U3	1,790	-2.72%	▼	01 Jun 19
AS5 U3	2,140	-2.28%	▼	01 Jun 19
Reflects generally larger traded lots				
Aluminium bronze £/tonne UK				
AB1 ex-works	4,800	0%		18 Jun 19
AB2 ex-works	4,850	0%		18 Jun 19
Source: C.F. Booth Ltd				
Brass UK £/tonne				
SCB3 ex-works	4,040	0%		18 Jun 19
High tensile HTB1 ex-works	4,140	0%		18 Jun 19
Source: C.F. Booth Ltd				
Gunmetal UK £/tonne				
LG2 85/5/5/5 ex-works	4,680	0%		18 Jun 19
LG4 87/7/3/3 ex-works	5,300	0%		18 Jun 19
G1 1.15 PB ex-works	6,100	0%		18 Jun 19
Source: C.F. Booth Ltd				
Phosphor bronze UK £/tonne				
PB1 ex-works	6,600	0%		18 Jun 19
Source: C.F. Booth Ltd				
Phosphor copper £/tonne				
10% P ex-works	6,050	0.83%	▲	18 Jun 19
15% P ex-works	6,100	0.83%	▲	18 Jun 19
Source: C.F. Booth Ltd				
Zinc alloys UK £/tonne				
Brock Metal Co contract alloy price (delivered UK)				
Brock Metal ZL3	2,638	-4.04%	▼	03 Jun 19
Brock Metal ZL5	2,665	-4%	▼	03 Jun 19



Monthly averages: May

BASE METALS			
		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		85.24	92.14
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		140.56	148.33
Alumina			
Index fob Australia		355.42	
Copper			
US High-grade cathode premium indicator, \$/tonne		162.59	174.99
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	200	222.5
	4x4 cathodes	445	487.5
	Briquettes	197.5	235
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		410	450
Kuala Lumpur (ex-smelter), \$/tonne		19,397.25	
MINOR METALS			
Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		6,860	7,105
MMTA Standard grade II, \$/tonne		6,765	6,975
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		3.26	3.56
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		126.90	134.80
min 99.99%, in warehouse cents/lb		129.5	140.40
Cobalt			
MB free market			
Alloy Grade, in warehouse, \$/lb		16.83	17.71
Standard Grade, in warehouse, \$/lb		16.07	16.76
Gallium			
MB free market			
MB free market, \$/kg		153	164.90
Germanium			
Dioxide MB free market min 99.99%, \$/kg		950	1,150
Metal, Rotterdam, \$/kg		1,248	1,366
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		172.5	196.5
Magnesium			
MB free market min 99.8%, \$/tonne		2,607	2,702
China free market min 99.8%, \$/tonne		2,516	2,562

		Low	High
Mercury			
MB free market min 99.99%, in warehouse, \$/flask		2,400	2,700
Selenium			
MB free market min 99.5% in warehouse, \$/lb		9	10.95
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne		1,806	1,906
Titanium			
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg		5.19	5.47
ORES & ALLOYS			
		Low	High
Molybdenum			
Free market in warehouse Europe drummed molybdioxide \$/lb Mo		12.15	12.24
US canned molybdic oxide \$/lb Mo		12.23	12.45
Ferro-molybdenum			
basis 65% min, in-warehouse Rotterdam, \$/kg Mo		28.22	28.60
Tungsten			
European free market APT, \$/mtu		268	278
Ferro-tungsten			
basis 75% W min, \$/kg		32.87	33.93
Vanadium			
min 98%, in-warehouse Rotterdam, V2O5, \$/lb		7.56	8.38
Ferro-vanadium			
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V		35.76	37.95
US Free market 70-80%, \$/lb		20.40	21.60
PRECIOUS METALS			
Gold			
London \$/troy oz	Morning	1,283.10	
	Afternoon	1,283.95	
London £/troy oz	Morning	999.24	
	Afternoon	1,000.65	
\$/troy oz	Handy/Harman	1,283.70	
Palladium			
Morning \$/troy oz		1,332.10	
Afternoon \$/troy oz		1,330.24	
Platinum: per troy oz			
Morning \$/troy oz		834.62	
Afternoon \$/troy oz		832.24	
Rhodium			
European free market min 99.9% in-warehouse, \$/troy oz		2,792.86	2,931.43
Silver			
London			
spot pence/troy oz		1,138.95	
spot cents/troy oz		1,462.55	
Handy/Harman cents/troy oz		1,466.25	

† week-on-week change

continued >



FOUNDRY INGOTS		
	Low	High
Aluminium		
LM24, £/tonne	1,338	1,388
LM6/LM25, £/tonne	1,650	1,690
Aluminium Europe €/tonne	1,370	1,416
Phosphor Bronze		
PB1 ex-works, £/tonne	6,775	
Zinc Alloy		
ZL3, £/tonne	2,749	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.28
\$/yen	109.98
\$/€	1.12

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Fastmarkets MB 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 2019		May
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	1,739.5	1,922.5	1,774.95
3 months	1,770	1,944.25	1,805.01
Settlement	1,740	1,923	1,775.33
3 months seller	1,770.5	1,944.5	1,805.55
Copper Grade A (\$)			
Cash	5,780.25	6,571	6,027.70
3 months	5,818	6,532.5	6,048.73
Settlement	5,780.5	6,572	6,028.31
3 months seller	5,819	6,533	6,049.62
Copper Grade A (£)			
Settlement	4,508.36	5,000.76	4,696.95
3 months seller	4,506.43	4,980.18	4,691.83
Lead (\$)			
Cash	1,767	2,153.5	1,816.64
3 months	1,787.75	2,164.5	1,830.92
Settlement	1,768	2,154	1,817.21
3 months seller	1,788	2,165	1,831.60
Lead (£)			
Settlement	1,365.36	1,626.25	1,416.04
3 months seller	1,374.43	1,628.19	1,420.64
Nickel (\$)			
Cash	10,437.5	13,607.5	11,995.12
3 months	10,527.5	13,655	12,021.31
Settlement	10,440	13,610	11,998.33
3 months seller	10,530	13,660	12,026.90
Tin (\$)			
Cash	18,857.5	21,912.5	19,520
3 months	18,687.5	21,700	19,310.71
Settlement	18,860	21,925	19,530.95
3 months seller	18,700	21,725	19,326.43

	Jan-May 2019		May
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	2,461	3,017	2,746.79
3 months	2,395.5	2,948.5	2,614.76
Settlement	2,462	3,018	2,747.74
3 months seller	2,396	2,949	2,615.45
Cobalt (\$)			
Cash	29,500	46,000	34,238.10
3 months	29,500	50,000	34,250
Settlement	30,000	47,000	34,547.62
3 months seller	30,000	51,000	34,571.43
Aluminium Alloy (\$)			
Cash	1,231.5	1,517.5	1,327.33
3 months	1,185	1,525	1,320.95
Settlement	1,232	1,520	1,332.52
3 months seller	1,190	1,530	1,328.14
Nasaa (\$)			
Cash	1,067.5	1,535	1,150.12
3 months	1,095	1,565	1,183.93
Settlement	1,070	1,536	1,152.86
3 months seller	1,100	1,570	1,190.95

LME SETTLEMENT CONVERSION RATES

\$/£	1.28
\$/yen	110.01
\$/€	1.12