



Prices

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NEW YORK FUTURES				
	Price	Change†		Assessed
Comex: Copper high grade cents/lb				
Settlement	270.40	0.8%	▲	18 Jul 19
Open interest	267,208	1.97%	▲	17 Jul 19
Stocks (short ton)	37,391	4.16%	▲	17 Jul 19
Comex: Gold \$/troy oz				
Settlement	1,426.10	1.55%	▲	18 Jul 19
Open interest	621,121	2.96%	▲	17 Jul 19
Stocks (troy oz)	7,747,101	0.65%	▲	17 Jul 19
Nymex: Palladium \$/troy oz				
Settlement	1,511.90	-3.03%	▼	18 Jul 19
Stocks (troy oz)	68,553	0%		17 Jul 19
Nymex: Platinum \$/troy oz				
Settlement	843.70	2.27%	▲	18 Jul 19
Stocks (troy oz)	174,725	-0.04%	▼	17 Jul 19
Comex: Silver cents/troy oz				
Settlement	1,612	6.99%	▲	18 Jul 19
Open interest	233,360	6.29%	▲	17 Jul 19
SHANGHAI FUTURES				
	Price	Change†		Assessed
Aluminium yuan/tonne	13,900	1.09%	▲	19 Jul 19
Copper yuan/tonne	47,870	2.92%	▲	19 Jul 19
Nickel cathode yuan/tonne	118,070	14.41%	▲	19 Jul 19
Tin ingot yuan/tonne	134,000	-3.14%	▼	19 Jul 19
Zinc yuan/tonne	19,565	2.52%	▲	19 Jul 19
Steel rebar month 1 yuan/tonne	4,060	7.98%	▲	19 Jul 19
Steel rebar month 2 yuan/tonne	4,036	-0.71%	▼	19 Jul 19
Steel rebar month 3 yuan/tonne	3,970	-1.83%	▼	19 Jul 19
Weekly stocks deliverable				
Aluminium (tonnes)	422,022	0.71%	▲	19 Jul 19
Copper (tonnes)	154,520	6.36%	▲	19 Jul 19
Nickel cathode (tonnes)	27,211	5.39%	▲	19 Jul 19
Tin ingot (tonnes)	6,736	-3.52%	▼	19 Jul 19
Zinc (tonnes)	75,519	1.96%	▲	19 Jul 19
Steel rebar (tonnes)	15,510	-8.74%	▼	19 Jul 19
DAILY METAL AND STEEL				
London forward LME settlement prices. All prices per tonne, unless otherwise stated, in LME warehouse, EU duty, if any paid for buyers account				
	Price	Change†		Assessed
Aluminium high grade \$				
Cash official	1,832.5-1,833	1.86%	▲	19 Jul 19
Cash unofficial	1,836.5-1,838.5	1.74%	▲	18 Jul 19
3 months official	1,855-1,856	1.99%	▲	19 Jul 19
3 months unofficial	1,853-1,855	1.59%	▲	18 Jul 19
LME Tapo notional average price (NAP)	1,792.68	0.69%	▲	18 Jul 19
LME stocks (tonnes)	974,000	5.08%	▲	18 Jul 19
Aluminium alloy (A380.1/DIN/D12S) \$				
LME cash official	1,280-1,290	2.8%	▲	19 Jul 19
LME cash unofficial	1,270-1,280	3.66%	▲	18 Jul 19
LME 3 months official	1,275-1,285	3.23%	▲	19 Jul 19
LME 3 months unofficial	1,265-1,275	3.67%	▲	18 Jul 19
LME stocks (tonnes)	6,760	30.5%	▲	18 Jul 19

	Price	Change		Assessed
N. American special aluminium alloy				
LME cash official	1,155-1,165	5.69%	▲	19 Jul 19
LME cash unofficial	1,141-1,151	4.09%	▲	18 Jul 19
LME 3 months official	1,165-1,175	4.46%	▲	19 Jul 19
LME 3 months unofficial	1,160-1,170	4.02%	▲	18 Jul 19
LME stocks (tonnes)	88,500	-2.7%	▼	18 Jul 19
Copper grade A \$				
LME cash official	6,065-6,066	1.95%	▲	19 Jul 19
LME cash unofficial	5,962-5,964	0.66%	▲	18 Jul 19
LME 3 months official	6,077-6,078	1.93%	▲	19 Jul 19
LME 3 months unofficial	5,974-5,976	0.76%	▲	18 Jul 19
LME Tapo notional average price (NAP)	5,915.79	0.37%	▲	18 Jul 19
LME stocks (tonnes)	296,450	2.86%	▲	18 Jul 19
Lead \$				
LME cash official	2,071-2,071.5	5.06%	▲	19 Jul 19
LME cash unofficial	2,030-2,032	2.94%	▲	18 Jul 19
LME 3 months official	2,076-2,077	5.11%	▲	19 Jul 19
LME 3 months unofficial	2,033-2,035	2.99%	▲	18 Jul 19
LME stocks (tonnes)	61,375	-5.25%	▼	18 Jul 19
Nickel \$				
LME cash official	14,400-14,425	9.16%	▲	19 Jul 19
LME cash unofficial	14,795-14,820	13.84%	▲	18 Jul 19
LME 3 months official	14,430-14,440	8.64%	▲	19 Jul 19
LME 3 months unofficial	14,825-14,850	13.59%	▲	18 Jul 19
LME stocks (tonnes)	147,942	-1.92%	▼	18 Jul 19
Tin \$				
LME cash official	17,770-17,780	-2.27%	▼	19 Jul 19
LME cash unofficial	17,900-17,950	-1.43%	▼	18 Jul 19
LME 3 months official	17,805-17,810	-2.06%	▼	19 Jul 19
LME 3 months unofficial	17,925-17,975	-1.51%	▼	18 Jul 19
LME stocks (tonnes)	6,460	0.86%	▲	18 Jul 19
Zinc special high grade \$				
LME cash official	2,426-2,427	0.02%	▲	19 Jul 19
LME cash unofficial	2,463-2,465	2.13%	▲	18 Jul 19
LME 3 months official	2,437-2,437.5	0.74%	▲	19 Jul 19
LME 3 months unofficial	2,466-2,468	2.45%	▲	18 Jul 19
LME stocks (tonnes)	79,650	0.35%	▲	18 Jul 19
Cobalt min 99.3%				
LME cash official	26,500-28,500	3.77%	▲	19 Jul 19
LME 3 months official	27,000-29,000	3.7%	▲	19 Jul 19
LME stocks (tonnes)	840	0%		18 Jul 19
Gold \$/troy oz				
London morning	1,420.90	-0.15%	▼	18 Jul 19
London afternoon	1,417.45	0.26%	▲	18 Jul 19
Handy/Harman	1,417.45	0.26%	▲	18 Jul 19
Silver per troy oz				
London spot pence	1,285	5.76%	▲	18 Jul 19
London spot cents	1,603	5.01%	▲	18 Jul 19
Handy/Harman	1,620.60	6.61%	▲	18 Jul 19
Palladium \$/troy oz				
London morning	1,533	-4.25%	▼	18 Jul 19
London afternoon	1,518	-3.74%	▼	18 Jul 19
Platinum \$/troy oz				
London morning	849	2.29%	▲	18 Jul 19
London afternoon	844	2.3%	▲	18 Jul 19

† week-on-week change

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	Price	Change	Assessed
Kuala Lumpur tin market			
Tin \$/tonne	17,920	-1.43% ▼	19 Jul 19
ICDX			
Tin PB300 settlement price \$/tonne	18,010	-4.73% ▼	11 Jul 19
Tin PB300 volume, tonnes	49	-52.43% ▼	11 Jul 19
RAND FIXING PRICES			
<i>Rand fixing prices per tonne for London Metal Exchange trade</i>			
	Price	Change [†]	Assessed
Copper	84,136.03	1.58% ▲	19 Jul 19
Aluminium	25,423.89	1.49% ▲	19 Jul 19
Lead	28,731.91	4.67% ▲	19 Jul 19
Zinc	33,662.73	-0.34% ▼	19 Jul 19
Nickel	200,076.19	8.84% ▲	19 Jul 19
Tin	247,581.29	-2.28% ▼	19 Jul 19
EXCHANGE RATES			
	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.2539	0.04% ▲	19 Jul 19
\$/¥	107.6600	-0.58% ▼	19 Jul 19
\$/€	1.1233	-0.12% ▼	19 Jul 19
Closing rates, midpoint			
\$/£	1.2484	-0.42% ▼	18 Jul 19
\$/¥	107.8350	-0.46% ▼	18 Jul 19
\$/€	1.1219	-0.3% ▼	18 Jul 19
£/€	1.1128	-0.12% ▼	18 Jul 19
\$/CNY	6.8746	0.12% ▲	18 Jul 19
BASE METALS ARBITRAGE			
	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-224.30*	9.03% ▲	19 Jul 19
Import arbitrage, yuan/tonne	-1,545.90*	9.03% ▲	19 Jul 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Busan, \$/tonne	253.26*	-0.08% ▼	03 Jul 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Johor, \$/tonne	260.13*	0.82% ▲	03 Jul 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Port Klang, \$/tonne	260.13*	0.82% ▲	03 Jul 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Singapore, \$/tonne	245.06*	0.72% ▲	03 Jul 19
Copper			
Import arbitrage, \$/tonne	-50.5*	-31.21% ▼	19 Jul 19
Import arbitrage, yuan/tonne	-348.06*	-31.2% ▼	19 Jul 19
Nickel			
Import arbitrage, \$/tonne	-339.27*	-22.86% ▼	19 Jul 19
Import arbitrage, yuan/tonne	-2,338.32*	-22.85% ▼	19 Jul 19
Zinc			
Import arbitrage, \$/tonne	-111.88*	32.28% ▲	19 Jul 19
Import arbitrage, yuan/tonne	-771.13*	32.29% ▲	19 Jul 19

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	130-175*	-12.86% ▼	07 Sep 18
Rotterdam, Grade A, cathode, cif, \$/tonne	40.0-50.0*	0%	16 Jul 19
Germany, Grade A, cathode, delivered, \$/tonne	80.0-90.0*	0%	16 Jul 19
North European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	17 Jul 19
South European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	17 Jul 19
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0-55.0*	0%	16 Jul 19
Japan, copper, Grade A, cathode, cif, \$/tonne	60.0-70.0*	0%	16 Jul 19
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	40.0-60.0*	0%	16 Jul 19
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	17 Jul 19
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	17 Jul 19
Southeast Asia, Grade A cathode, cif, \$ per tonne	58.0-68.0*	0%	16 Jul 19
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	53.0-70.0*	0.82% ▲	19 Jul 19
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	53.0-69.0*	0%	19 Jul 19
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	58.0-69.0*	0%	19 Jul 19
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	53.0-58.0*	0%	19 Jul 19
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	53.0-58.0*	0%	19 Jul 19
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	58.0-70.0*	0.79% ▲	19 Jul 19
Taiwan, Grade A cathode, cif, \$ per tonne	60.0-68.0*	0%	16 Jul 19
United States warrants, Grade A cathode, \$/tonne	5.0-15.0*	0%	17 Jul 19
Aluminium			
Copper Cathode, Grade 1 premium, Delivered Domestic US, US cents/pound	7.3-8.0*	0%	16 Jul 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, \$/tonne	159.8-176.4*	0%	16 Jul 19
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	90.0-100.0*	0%	19 Jul 19
Aluminium P1020A, cif main Korea ports, spot low-high, \$/tonne	95-100*	-7.14% ▼	16 Jul 19
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0-20.0*	0%	17 Jul 19
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	10.0-15.0*	0%	17 Jul 19
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0-105.0*	0%	16 Jul 19
Aluminium P1020A, South Korea, fca, \$/tonne	110.0-115.0*	-10% ▼	16 Jul 19
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	16 Jul 19
Aluminium P1020A, Taiwan, cif, \$/tonne	100.0-110.0*	-4.55% ▼	16 Jul 19
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	170.0-180.0*	0%	16 Jul 19
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	170.0-180.0*	0%	16 Jul 19

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	80.0-90.0*	0%	16 Jul 19
Aluminium ingotADC 12 ex-works China, duty-paid, yuan/tonne	13,100-13,400*	-0.38% ▼	17 Jul 19
Aluminium ingotADC 12 spot, main Japanese ports, \$/tonne	1,420-1,470*	-0.34% ▼	17 Jul 19
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	90.0-105.0*	-2.5% ▼	19 Jul 19
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	108.0-108.0*	2.86% ▲	24 Jun 19
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	145.0-155.0*	0%	19 Jul 19
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	310.0-330.0*	0%	19 Jul 19
Aluminium P1020A, free market delivered, cents per pound	101.04-101.54*	0.93% ▲	18 Jul 19
Aluminium P1020A, duty paid premium, delivered Midwest, cents per pound	17.75-18.25*	0%	19 Jul 19
Aluminium P1020A, cif Baltimore premium, US cents/lb	5.5-5.75*	0%	16 Jul 19
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	17 Jul 19
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	220.0-240.0*	0%	16 Jul 19
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	155.0-165.0*	0%	16 Jul 19
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	300.0-325.0*	-3.1% ▼	19 Jul 19
Aluminium billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	350.0-370.0*	0%	19 Jul 19
Aluminium billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	330.0-350.0*	-2.86% ▼	19 Jul 19
Aluminium billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	340.0-350.0*	0%	19 Jul 19
Aluminium billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-210.0*	0%	05 Jul 19
Aluminium billet, cif Japan duty-unpaid over MJP and LME cash pay, \$/gross tonne	140.0-155.0*	0%	19 Jul 19
Aluminium billet, cif Turkey (Marmara region) duty-unpaid over LME cash pay, \$/gross tonne	270.0-300.0*	0%	19 Jul 19
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	340.0-355.0*	-0.71% ▼	12 Jul 19
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	360.0-375.0*	-0.68% ▼	12 Jul 19
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	9.0-12.0*	-22.22% ▼	12 Jul 19
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	12 Jul 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%	17 Jul 19
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	17 Jul 19
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	17 Jul 19
Southeast Asia, min 99.97% cif, \$/tonne	70.0-80.0*	0%	16 Jul 19
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	16 Jul 19
Taiwan, 99.97% purity, cif, \$/tonne	70.0-90.0*	0%	16 Jul 19
Taiwan, 99.99% purity, cif, \$/tonne	135.0-145.0*	0%	16 Jul 19

	Price	Change	Assessed
India, 99.97% purity, cif, \$/tonne	70.0-130.0*	-11.11% ▼	16 Jul 19
India, 99.99% purity, cif, \$/tonne	130.0-150.0*	0%	16 Jul 19
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	17 Jul 19
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	17 Jul 19
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	16 Jul 19
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	16 Jul 19
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	220.0-250.0*	0%	16 Jul 19
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	210.0-240.0*	0%	16 Jul 19
Shanghai, nickel premium, 99.80% purity, briquette, duty-free, cif, \$/tonne	240.0-290.0*	0%	25 Jun 19
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	150-200*	0%	17 Jul 19
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	17 Jul 19
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	150-200*	0%	17 Jul 19
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	17 Jul 19
North European warrants, min 99.80%, in-warehouse, \$/tonne	90-140*	0%	17 Jul 19
uncut cathodes premium indicator	200.0-230.0*	0%	16 Jul 19
4x4 cathodes premium indicator	460.0-500.0*	0%	16 Jul 19
briquettes premium indicator	200.0-250.0*	0%	16 Jul 19
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	37-45*	0%	16 Jul 19
Nickel briquette premium, delivered consumer works US, US cents per pound	20-24*	2.33% ▲	16 Jul 19
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	475-530*	0%	16 Jul 19
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	380-430*	0%	16 Jul 19
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	20-60*	0%	17 Jul 19
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	16 Jul 19
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	16 Jul 19
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	200-220*	0%	16 Jul 19
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	450-525*	0%	16 Jul 19
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	515-590*	0%	16 Jul 19
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	20.0-40.0*	20% ▲	17 Jul 19
MB EU: Special high grade, fca Rotterdam, \$/tonne	90.0-110.0*	5.26% ▲	16 Jul 19
Malaysia fca, 99.995%, \$/tonne	110.0-120.0*	0%	16 Jul 19
Southeast Asia cif, 99.995%, \$/tonne	140.0-150.0*	0%	16 Jul 19
Singapore, zinc premium, 99.995% purity, fca \$/tonne	110.0-120.0*	0%	16 Jul 19
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	80.0-90.0*	0%	16 Jul 19
Shanghai 99.995% purity, cif \$/tonne	70.0-90.0*	6.67% ▲	16 Jul 19
Taiwan 99.995% purity SHG ingots, cif \$/tonne	140.0-150.0*	0%	16 Jul 19
India 99.995% purity, cif duty-unpaid \$/tonne	120.0-140.0*	0%	16 Jul 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%	16 Jul 19
Antwerp 99.995% purity, duty-paid fca \$/tonne	90.0-110.0*	5.26% ▲	16 Jul 19
Italy 99.995% purity, duty-paid fca \$/tonne	135.0-145.0*	0%	16 Jul 19
Italy 99.995% purity, delivered duty-paid \$/tonne	175.0-185.0*	0%	16 Jul 19
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	17 Jul 19
MB US: Special high grade, cents/lb	80-90*	0%	16 Jul 19

BASE METALS

	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,450.0-2,550.0*	-5.66% ▼	18 Jul 19
Alumina Index fob Australia	300.74*	-1.51% ▼	19 Jul 19
Alumina Index fob Brazil	-10.63*		18 Jul 19
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	290.11*		19 Jul 19
Aluminium			
Shanghai bonded aluminium stocks, tonnes	7,000-8,000*	36.36% ▲	01 Jul 19
Calcined petroleum coke, aluminium anode grade, fob US Gulf Coast, \$/tonne	290-310*	-6.98% ▼	04 Jul 19
Calcined petroleum coke, aluminium anode grade, fob China, \$/tonne	330-340*	0%	04 Jul 19
Aluminium 6063 extrusion conversion margin, exw Germany, \$/tonne	695-700*	0%	04 Jul 19
Aluminium 6063 extrusion conversion margin, exw US Midwest, cents/lb	65-75*	0%	04 Jul 19
Aluminium FRP 1050 sheet conversion margin, exw Germany, \$/tonne	660-665*	0%	04 Jul 19
Aluminium FRP 5052 sheet conversion margin, exw US cents/lb	83-87*	0%	04 Jul 19
Aluminium FRP 5000 sheet conversion margin, exw China, \$/tonne	620-640*	-2.33% ▼	04 Jul 19
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	35*	-5.41% ▼	18 Jul 19
fob Trombetas, Brazil \$/tonne per dmtu	37*	1.37% ▲	18 Jul 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	98,336.440	-1.82% ▼	28 Jun 19
Blister copper 98-99% spot RC cif China \$ per tonne	150-160*	-6.06% ▼	28 Jun 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	5.16*	-1.71% ▼	19 Jul 19
Copper concentrate Asia-Pacific Index TC import, \$/dmt	51.60*	-1.71% ▼	19 Jul 19
Shanghai bonded copper stocks, tonnes	415,000-419,000*	-4.79% ▼	15 Jul 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	1,040-1,060*	7.14% ▲	19 Jul 19
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,050-1,070*	7.89% ▲	19 Jul 19
Shanghai bonded nickel stocks, tonnes	11,500-18,500*	-34.78% ▼	01 Jul 19
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	30-31*	7.02% ▲	19 Jul 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	50-52*	4.08% ▲	19 Jul 19
Nickel sulfate min 21%, max: 22.5%; cobalt 10ppm max, China ex-works, yuan/tonne	23,500-24,000*	6.74% ▲	19 Jul 19
Lead			
Lead concentrate spot treatment charge (TC) high silver CIF China, \$/tonne	40-60*	0%	28 Jun 19
Lead concentrate spot treatment charge (TC) low silver CIF China, \$/tonne	20-30*	150% ▲	28 Jun 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	2,212*	-3.87% ▼	01 Jul 19
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	260-290*	0%	28 Jun 19
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	6,600-6,900*	0%	28 Jun 19
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	6,400-6,600*	0%	28 Jun 19
Shanghai bonded zinc stocks, tonnes	92,500-99,500*	-11.93% ▼	01 Jul 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%	19 Jul 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,480	0%	19 Jul 19
Engelhard base price: \$/troy oz	1,485	0%	19 Jul 19
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,514-1,535*	-2.68% ▼	19 Jul 19
Engelhard base price: \$/troy oz	1,535	-1.79% ▼	19 Jul 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,529	-2.18% ▼	19 Jul 19
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	844-860*	2.9% ▲	19 Jul 19
Engelhard base price: \$/troy oz	858	3.5% ▲	19 Jul 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	860	3.37% ▲	19 Jul 19
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	3,450-3,600*	-1.4% ▼	19 Jul 19
Engelhard base price: \$/troy oz	3,575	0%	19 Jul 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	3,540	-0.98% ▼	19 Jul 19
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	200-255*	0%	19 Jul 19
Engelhard base price: \$/troy oz	255	0%	19 Jul 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	253	0%	19 Jul 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	5,950-6,150*	-0.82% ▼	19 Jul 19
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	5,800-6,000*	-2.07% ▼	19 Jul 19
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	37,500-39,000*	0%	17 Jul 19
Arsenic			
MB free market \$/lb	1.20-1.5*	0%	19 Jul 19
Bismuth			
MB free market \$/lb	2.85-3*	0%	19 Jul 19
MB China domestic, min 99.99%, yuan/tonne	41,000-42,000*	1.22% ▲	19 Jul 19
Cadmium			
MB free market min 99.95% cents/lb	105-115*	-4.35% ▼	19 Jul 19
MB free market min 99.99% cents/lb	110-120*	-1.71% ▼	19 Jul 19
Chromium			
MB free market alumino-thermic min 99% \$/tonne	7,350-7,600*	-0.57% ▼	19 Jul 19
Cobalt			
MB free market alloy-grade \$/lb	12.55-13.10*	-4.82% ▼	19 Jul 19
MB free market standard-grade \$/lb	12.55-12.90*	-1.17% ▼	19 Jul 19
MB alloy-grade, weighted average of all confirmed international trades, \$/lb	12.80*	-1.92% ▼	19 Jul 19
MB standard-grade, weighted average of all confirmed international trades, \$/lb	12.55*	-2.33% ▼	19 Jul 19
MB China domestic, min 99.8% yuan/tonne	220,000-230,000*	2.27% ▲	19 Jul 19
Cobalt hydroxide index min 30% Co, cif China, \$/lb	8.58*	-17.89% ▼	28 Jun 19

	Price	Change	Assessed
Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	59-60*	-1.65% ▼	15 Jul 19
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	145,000-150,000*	-1.99% ▼	19 Jul 19
Cobalt sulfate, Co 20.5% basis, China ex-works, yuan/tonne	35,000-36,000*	0%	19 Jul 19
Cobalt sulfate, Co 20.5% basis, adjustment to standard-grade cobalt low-end price, exw China, \$/lb	-2.61--2.32*	-3.9% ▼	19 Jul 19
Gallium			
MB free market \$/kg	153-160*	0%	19 Jul 19
MB China domestic, min 99.99%, yuan/kg	1,000-1,030*	0%	17 Jul 19
Germanium			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	19 Jul 19
Germanium metal \$/kg Rotterdam	1,100-1,250*	0%	19 Jul 19
Germanium metal MB China domestic, min 99.999%, yuan/kg	7,500-8,100*	0%	17 Jul 19
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	900-1,050*	0%	19 Jul 19
Indium			
MB free market \$/kg	157-175*	0%	19 Jul 19
MB China domestic, min 99.99% yuan/kg	1,060-1,120*	-1.36% ▼	17 Jul 19
Magnesium			
European free market \$ per tonne	2,450-2,550*	0%	19 Jul 19
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,350-2,370*	1.72% ▲	19 Jul 19
MB Chinese free market min 99% Mg, ex-works yuan/tonne	15,650-15,700*	1.62% ▲	19 Jul 19
Manganese flake			
MB free market 99.7%, \$/tonne	1,950-2,000*	-1.99% ▼	19 Jul 19
Electrolytic manganese flake basis 99.7%, fob China \$/tonne	1,850-1,860*	0%	19 Jul 19
Mercury			
MB free market \$ per flask	2,400-2,700*	0%	19 Jul 19
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	650-715*	0%	19 Jul 19
APR catalytic grade \$/kg Re	1,300-1,500*	0%	19 Jul 19
Selenium			
MB free market \$/lb	8.15-9.85*	-2.7% ▼	19 Jul 19
MB China domestic, min 99.9%, yuan/kg	130-160*	0%	19 Jul 19
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,625-1,675*	-1.49% ▼	19 Jul 19
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,590-1,690*	0%	19 Jul 19
US free market cents/lb	105-110*	-1.83% ▼	10 Jul 19
Export from mainland China min 98.5%, \$/tonne fob	1,360-1,410*	-1.42% ▼	19 Jul 19
Tellurium			
MB free market 99.9-99.99%, \$/kg	48-60*	0%	19 Jul 19
MB China domestic, min 99.99%, yuan/kg	390-410*	0%	19 Jul 19
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.70-4.95*	-0.52% ▼	17 Jul 19
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	1,150-1,350	0%	18 Jul 19
Rutile bulk conc min 95% TiO2 fob/Aus	1,100-1,200	0%	18 Jul 19
Ilmenite concentrate, 47-49% TiO2 cif China	180-200	0%	18 Jul 19
† week-on-week change			continued >



NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdc oxide			
Europe drummed molybdc oxide \$/lb Mo	11.70-11.80*	1.29% ▲	19 Jul 19
Molybdenum MB drummed molybdc oxide Mo, in-whs Busan, \$/lb	11.75-11.85*	1.51% ▲	19 Jul 19
US canned molybdc oxide \$/lb Mo	11.80-12.20*	0%	18 Jul 19
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	27.15-27.40*	0.46% ▲	19 Jul 19
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	12.95-13.40*	0.57% ▲	18 Jul 19
Tungsten			
European free market APT \$/mtu	210-225*	0%	19 Jul 19
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	200-210*	0%	17 Jul 19
MB Chinese free market concentrate 65% W03 in-warehouse China yuan/tonne	72,000-75,000*	2.08% ▲	17 Jul 19
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	27.70-28.80*	0.53% ▲	19 Jul 19
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	35-37*	1.41% ▲	18 Jul 19
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	29.55-31.05*	0.17% ▲	19 Jul 19
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	15-15.5*	-8.96% ▼	18 Jul 19
Vanadium pentoxide 98% min, fob, China \$/lb V205	8-8.20*	0.62% ▲	18 Jul 19
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V205	6.20-6.70*	0%	19 Jul 19
BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	0.72*	0%	19 Jul 19
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	0.98*	0%	19 Jul 19
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,100-6,300*	0%	19 Jul 19
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,050-6,300*	0%	19 Jul 19
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.04*	-13.33% ▼	01 Jul 19
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si, major European destinations	0.74-0.84*	0%	19 Jul 19
0.10% C average 65-70% Cr	1.70-1.80*	-2.78% ▼	12 Jul 19
European low carbon in-warehouse 0.06% C max - 65% Cr	1.78-1.83*	0%	12 Jul 19
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	0.88-0.95*	0%	12 Jul 19
High-carbon ferro-chrome 57-65% Cr, cif duty-unpaid Japan, \$/lb	0.71-0.75*	-1.35% ▼	18 Jul 19
High carbon ferro-chrome 57-65% Cr, cif duty-unpaid South Korea, \$/lb	0.71-0.74*	0%	18 Jul 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	1-1.10*	-4.98% ▼	18 Jul 19
0.05% C - 65% min Cr	2.07-2.10*	0%	18 Jul 19
0.10% C - 62% min Cr	1.90-1.92*	-0.26% ▼	18 Jul 19
0.15% C - 60% min Cr	1.85-1.88*	0%	18 Jul 19

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	146*	3.55% ▲	19 Jul 19
Turkish lumpy 40-42% cfr main Chinese ports	195-200*	0%	19 Jul 19
Chrome Ore inventories at the main ports of Tianjin, Qinzhou, Lianyungang and Shanghai, million tonnes	2.55-2.64*	-0.57% ▼	15 Jul 19
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,020-1,050*	0%	19 Jul 19
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,300-1,400*	-1.1% ▼	18 Jul 19
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.13-1.15*	0%	18 Jul 19
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	6,800-6,900*	0%	19 Jul 19
Manganese ore			
44% Mn index, cif Tianjin \$/dmu of metal contained	5.77*	-2.37% ▼	19 Jul 19
37% Mn index, fob Port Elizabeth \$/dmu of metal contained	4.83*	2.77% ▲	19 Jul 19
37% Mn index, cif Tianjin \$/dmu of metal contained	5.63*	2.55% ▲	19 Jul 19
base 37% Mn port index, range 35-39%, fot Tianjin yuan/dmtu	47*	-2.08% ▼	19 Jul 19
base 44% Mn port index, range 42-48%, fot Tianjin yuan/dmtu	48.80*	-2.98% ▼	19 Jul 19
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	3.56-3.63*	-1.64% ▼	15 Jul 19
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-300--200*	66.67% ▲	24 Jun 19
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata), major European destinations, €/tonne	925-950*	0%	19 Jul 19
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	0.78-0.83*	-1.23% ▼	18 Jul 19
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,200-1,260*	5.13% ▲	17 Jul 19
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,500-6,700*	4.76% ▲	17 Jul 19
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata), major European destinations, €/tonne	950-985*	0%	19 Jul 19
US free market \$/lb in-warehouse Pittsburgh	0.60-0.65*	0%	18 Jul 19
MB Chinese free market min 65% Mn max 17% Si in-warehouse duty-paid China yuan/tonne	7,400-7,500*	-0.33% ▼	19 Jul 19
65% min Mn 16% min Si \$/tonne fob India	1,030-1,050*	0%	19 Jul 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*	0%	17 Jul 19
Wire rod (mesh quality)	490-500*	0%	17 Jul 19
Plate (8-40mm)	540-550*	0%	17 Jul 19
Hot rolled coil	465-475*	-0.53% ▼	17 Jul 19
Cold rolled coil	535-545*	-0.92% ▼	17 Jul 19
Hot-dip galvanized coil	600-610*	0%	17 Jul 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%	17 Jul 19
Wire rod (mesh quality)	480-500*	0%	17 Jul 19
Plate (8-40mm)	515-530*	0%	17 Jul 19
Hot rolled coil	450-470*	0%	17 Jul 19
Cold rolled coil	520-540*	0%	17 Jul 19
Hot-dip galvanized coil	580-600*	0%	17 Jul 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	450-460*	0%	17 Jul 19
Wire rod (mesh quality)	465-470*	0%	17 Jul 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	500-520*	0%	17 Jul 19
Wire rod (mesh quality)	495-505*	0%	17 Jul 19
Sections (medium)	620-630*	-1.19% ▼	17 Jul 19
Beams	570-600*	0%	17 Jul 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	470-485*	0.53% ▲	17 Jul 19
Wire rod (mesh quality)	475-500*	0.52% ▲	17 Jul 19
Sections (medium)	610-640*	-1.57% ▼	17 Jul 19
Beams	610-615*	0%	17 Jul 19
Central Europe domestic € per tonne ex-works			
Hot rolled coil	460-470*	-1.06% ▼	17 Jul 19
Poland domestic zloty per tonne ex-works			
Rebar	2,070-2,120*	2.2% ▲	19 Jul 19
Northern Europe € per tonne ex-works			
Plate (8-40mm)	560-570*	0%	17 Jul 19
Hot rolled coil	475-485*	-0.52% ▼	17 Jul 19
Cold rolled coil	570-580*	0%	17 Jul 19
Hot-dip galvanized coil	570-600*	-0.85% ▼	17 Jul 19
Southern Europe € per tonne ex-works			
Plate (8-40mm)	490-510*	-1.96% ▼	17 Jul 19
Hot rolled coil	440-460*	-2.7% ▼	17 Jul 19
Cold rolled coil	515-550*	-1.39% ▼	17 Jul 19
Hot-dip galvanized coil	515-560*	0.94% ▲	17 Jul 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	420*	-0.71% ▼	19 Jul 19
Slab	410-420*	0%	15 Jul 19
Rebar	450-460*	0%	15 Jul 19
Wire rod (mesh)	490-500*	3.12% ▲	15 Jul 19
Heavy plate (8-50mm)	570-600*	0%	15 Jul 19
Hot rolled coil	485-500*	1.03% ▲	15 Jul 19
Cold rolled coil	545-555*	0.46% ▲	15 Jul 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	41,500-41,500*	0%	15 Jul 19
Hot rolled sheet	43,000-44,500*	0%	15 Jul 19
Cold rolled sheet	49,300-51,000*	0%	15 Jul 19
Plate	43,500-45,000*	0%	15 Jul 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	420-435*	-0.58% ▼	18 Jul 19
Rebar	450-460*	-1.09% ▼	18 Jul 19
Wire rod (mesh quality)	500-505*	-0.5% ▼	18 Jul 19
Merchant bars	530-540*	0%	18 Jul 19
Structural pipe	560-580*	0%	10 Jul 19
Hot rolled coil	490-500*	0%	19 Jul 19
Hot dip galvanized	655-670*	0.38% ▲	19 Jul 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	435-440*	-0.57% ▼	18 Jul 19
Hot rolled coil	520-525*	0.97% ▲	19 Jul 19
Cold rolled coil	590-600*	0%	19 Jul 19
Hot dip galvanized	660-670*	0.76% ▲	19 Jul 19
Prepainted galvanized	765-770*	0.66% ▲	19 Jul 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	3,070-3,100*	-0.96% ▼	18 Jul 19
Wire rod (mesh quality)	3,350-3,400*	-2.17% ▼	18 Jul 19
Turkish imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	425-435*	-0.58% ▼	18 Jul 19
Hot rolled coil	505-510*	0%	19 Jul 19
Cold rolled coil	570-570*	0%	19 Jul 19
UAE imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	455-470*	-1.6% ▼	16 Jul 19
Rebar	500-505*	0.6% ▲	16 Jul 19
Hot rolled coil	500-510*	-1.46% ▼	16 Jul 19
Cold rolled coil	570-575*	-0.43% ▼	16 Jul 19
Hot dip galvanized coil	680-750*	-0.69% ▼	16 Jul 19
Saudi Arabia imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Hot rolled coil	515-520*	-1.9% ▼	16 Jul 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	1,950-1,953*	5.2% ▲	16 Jul 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	382-394*	0.13% ▲	17 Jul 19
Slab	375-390*	0.39% ▲	17 Jul 19
Egyptian domestic			
<i>Fastmarkets MB's assessment of prices within Egypt for commercial-quality carbon steel of Egyptian origin, £ per tonne ex-works</i>			
Rebar	11,580-11,980*	0%	18 Jul 19
Egyptian import			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	435-445*	-3.3% ▼	18 Jul 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	430-440*	0%	19 Jul 19
Slab, Brazil	420-430*	0%	19 Jul 19
Wire rod mesh quality	520-530*	0%	19 Jul 19
Heavy plate over 10mm	565-575*	0%	19 Jul 19
Hot rolled coil (dry)	485-490*	0%	19 Jul 19
Cold rolled coil	565-580*	0%	19 Jul 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	560-570*	0%	19 Jul 19
Hot rolled coil	540-550*	2.35% ▲	19 Jul 19
Cold rolled coil	580-590*	0.86% ▲	19 Jul 19
Galvanized coil	640-650*	0%	19 Jul 19
Galvalume coil	730-745*	0%	19 Jul 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%	12 Jul 19
Cold rolled coil	815-820*	0%	12 Jul 19
Galvanized coil	1,045-1,125*	0%	12 Jul 19
Rebar	850-860*	0%	12 Jul 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*	0%	05 Jul 19
Cold rolled coil	2,700-2,745*	0%	05 Jul 19
Hot dip galvanized coil	3,112-3,200*	0%	05 Jul 19
<i>Fastmarkets MB's assessment of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,370-2,480*	-3.96% ▼	05 Jul 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	630-640*	-2.31% ▼	17 Jul 19
Merchant bars	650-670*	-10.2% ▼	28 Jun 19

	Price	Change	Assessed
Wire rod (low carbon)	645-680*	0%	16 Jul 19
Medium sections	710-720*	-8.92% ▼	27 Jun 19
Medium plate	760-820*	0%	10 Jul 19
Hot rolled coil (commodity)	560-600*	0%	10 Jul 19
Cold rolled coil	720-740*	-1.35% ▼	10 Jul 19
Hot dipped galvanized 0.012-0.015, G30	960-980*	0%	10 Jul 19
ERW linepipe (X42)	1,010-1,060*	-4.17% ▼	25 Jun 19
OCTG API5CT - casing J55	900-940*	-5.64% ▼	25 Jun 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)	630-650*	-0.78% ▼	17 Jul 19
Plate (fob mill)	730-730*	-2.67% ▼	12 Jul 19
Hot rolled sheet Midwest index (fob mill)	568.20-568.20*	4.41% ▲	18 Jul 19
Cold rolled sheet (fob mill)	710-710*	1.43% ▲	18 Jul 19
Hot-dip galvanized (base) Midwest (fob mill)	720-720*	1.41% ▲	18 Jul 19
OCTG API5CT - casing J55 (fob mill)	1,000-1,100*	-7.69% ▼	25 Jun 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)	34.25-34.25*	-5.52% ▼	28 Jun 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	509-509*	-1.34% ▼	19 Jul 19
Wire rod (mesh quality)	505-525*	-0.48% ▼	16 Jul 19
Heavy plate	515-520*	-0.96% ▼	16 Jul 19
Hot rolled coil index	508-508*	0.15% ▲	19 Jul 19
Cold rolled coil	540-550*	0%	16 Jul 19
Galvanized coil 1mm	590-600*	-1.65% ▼	16 Jul 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	3,960-3,990*	-0.38% ▼	19 Jul 19
Wire rod (mesh)	4,050-4,120*	-0.24% ▼	19 Jul 19
Sections	3,850-3,900*	0%	19 Jul 19
Plate	3,810-3,910*	-0.26% ▼	19 Jul 19
Hot rolled coil (min 2mm)	3,860-3,880*	0.39% ▲	19 Jul 19
Cold rolled coil (0.5 - 2 mm)	4,180-4,240*	0%	19 Jul 19
Hot-dip galvanized coil	4,570-4,650*	-0.11% ▼	19 Jul 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	3,630-3,630*	-0.55% ▼	19 Jul 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	3,830-3,860*	0.13% ▲	19 Jul 19
Rebar	3,870-3,930*	-0.26% ▼	19 Jul 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	3,900-4,000*	0%	19 Jul 19
Wire rod (mesh)	4,150-4,200*	0%	19 Jul 19
Sections	4,050-4,100*	0%	19 Jul 19
Plate	3,980-4,050*	-0.12% ▼	19 Jul 19
Hot rolled coil (min 2mm)	3,960-4,000*	-0.13% ▼	19 Jul 19
Cold rolled coil (0.5 - 2 mm)	4,300-4,330*	0.12% ▲	19 Jul 19
Hot-dip galvanized coil	4,590-4,620*	-0.32% ▼	19 Jul 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	450-453*	-0.77% ▼	19 Jul 19
Slab (Asia/East Asia)	435-445*	-1.12% ▼	15 Jul 19
Hot rolled coil (Vietnam)	510-515*	-1.16% ▼	15 Jul 19
Rebar (Singapore)	494-495*	0.41% ▲	15 Jul 19
Wire rod (low carbon)	510-525*	-0.48% ▼	15 Jul 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	425-430*	0%	19 Jul 19
Plate (12-40mm)	510-515*	1.49% ▲	19 Jul 19
Hot rolled coil (commodity)	495-500*	-1% ▼	19 Jul 19
Hot-dip galvanized coil	640-645*	-3.75% ▼	19 Jul 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%	19 Jul 19
Hot rolled coil (commodity)	535-540*	1.9% ▲	19 Jul 19
Hot rolled coil (CR grade)	535-540*	0%	19 Jul 19
Cold rolled coil	595-600*	0%	19 Jul 19
Indian domestic			
<i>Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	27,600-27,800*	-0.36% ▼	19 Jul 19
Heavy plate	38,500-39,000*	0%	19 Jul 19
Hot rolled coil	38,000-38,500*	0%	19 Jul 19
Cold rolled coil	44,000-44,500*	0%	19 Jul 19
DRI	17,700-17,900*	2.3% ▲	19 Jul 19
Hot-dip galvanized coil	47,500-48,000*	0%	19 Jul 19
Rebar	30,700-30,900*	-1.28% ▼	19 Jul 19
STAINLESS STEEL			
	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,000-2,060*	3.57% ▲	17 Jul 19
Grade 304 hot rolled coil	1,900-1,960*	3.76% ▲	17 Jul 19
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,700-14,900*	3.5% ▲	17 Jul 19
Grade 430 2mm CR coil	7,750-7,800*	-1.27% ▼	17 Jul 19
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N.Europe Base price	870-915*	0%	19 Jul 19
Alloy surcharge	1,318-1,362*	0%	19 Jul 19
N.Europe transaction	2,175-2,200*	1.16% ▲	19 Jul 19
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,215-1,250*	0%	19 Jul 19
Alloy surcharge	2,035-2,094*	0%	19 Jul 19
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,060*	0%	19 Jul 19
Alloy surcharge	1,629-1,676*	0%	19 Jul 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	104-104*	-1.89% ▼	10 Jul 19
Grade 316 coiled plate	148-148*	-3.27% ▼	10 Jul 19
Grade 304 cold rolled sheet	117-117*	-4.1% ▼	10 Jul 19
Grade 316L cold rolled sheet	158-158*	-3.07% ▼	10 Jul 19
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,199.02*	3.72% ▲	15 Jul 19
IRON ORE			
	Price	Change†	Assessed
65% Fe Brazilian Index CFR Qingdao (MBIOI-65-BZ-Index) \$/tonne	129.20*	1.17% ▲	19 Jul 19
Lump premium CFR Qingdao (MBIOI-LP Index) cents per dmtu	22.5*	-45.78% ▼	19 Jul 19
Iron ore index (62% Fe)	121.79*	2.1% ▲	19 Jul 19
Iron ore index (62% LA)	122.81*	1.18% ▲	19 Jul 19
58% Fe Iron Ore Index (MBIOI-58) CFR Qingdao on a 58% Fe basis Daily Price \$/dry metric tonne	107.92*	1.49% ▲	19 Jul 19
High grade Premium (MBIOI-58P) CFR Qingdao on a 58% basis low alumina, low phosphorous Daily Price \$/dry metric tonne	1.5*	-57.14% ▼	19 Jul 19
Iron Ore Implied 58% Fe high specification price	109.42*	-0.38% ▼	19 Jul 19
Iron Ore product differential - PBF delivered Qingdao, China CFR \$/tonne	-0.08*	0%	19 Jul 19
Iron ore 62% Fe Pilbara Blend Fines (MBIOI-PBF) \$/tonne	121.71*	2.1% ▲	19 Jul 19
Iron Ore 62% Fe China port price index	899*	0.9% ▲	19 Jul 19
Implied 62% Fe China Port Price \$ per tonne	121.14*	0.8% ▲	19 Jul 19
Iron ore pellet index cfr Qingdao (65% Fe)	143.97*	-1.82% ▼	19 Jul 19
Iron ore concentrate index cfr Qingdao (66% Fe)	122.88*	0.85% ▲	19 Jul 19
Iron ore implied pellet premium CFR Qingdao US\$/tonne	22.67*	-15.19% ▼	19 Jul 19
Iron ore implied pellet premium over the Fastmarkets MB 65% Fe Brazilian iron ore index cfr Qingdao US\$/tonne	15.37*	-17.81% ▼	19 Jul 19
Iron ore DR-grade pellet premium index Middle East reference, \$/dmt	68*	0%	28 Jun 19
Metal Bulletin Indicator for US\$/% Al MBIOI Al-VIU cfr Qingdao	-3.83*	-2.3% ▼	15 Jul 19
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.92*	-0.52% ▼	15 Jul 19
Iron Ore Fines 65% Fe, % Fe value in use cfr Qingdao \$/dry metric tonne	2.04*	-3.32% ▼	15 Jul 19
Metal Bulletin Indicator for US\$/% Si MBIOI Si-VIU cfr Qingdao	-1.39*	1.46% ▲	15 Jul 19
Iron Ore Fines 62% Fe, 0.01% Phosphorous value in use MBIOI Phos-VIU cfr Qingdao US cent per dry metric tonne	-1.20*	3.45% ▲	15 Jul 19
† week-on-week change			

continued >



COKING COAL			
\$ per metric tonne			
	Price	Change†	Assessed
Premium hard coking coal index cfr China	190.66*	0.24% ▲	19 Jul 19
Hard coking coal index cfr China	178.25*	-0.83% ▼	19 Jul 19
Premium hard coking coal index fob Australia	180.47*	-2.26% ▼	19 Jul 19
Hard coking coal index fob Australia	168.67*	-1.28% ▼	19 Jul 19
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,430-1,810*	0.62% ▲	19 Jul 19
65% CSR coke \$/tonne fob China	305-315*	-0.32% ▼	16 Jul 19
Low Vol PCI Index \$ per dry metric tonne cfr Jingtang	125.21*	-2.73% ▼	19 Jul 19
Low Vol PCI Index \$ per dry metric tonne fob DBCT	111.40*	-2.95% ▼	19 Jul 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%	12 Jul 19
1&2 old steel	125-150*	0%	12 Jul 19
12A/C new production heavy and shovellable steel	170-195*	0%	12 Jul 19
12D new production heavy and shovellable steel	175-200*	0%	12 Jul 19
Bales and cuttings			
4A new steel bales	175-200*	0%	12 Jul 19
4C new steel bales	165-190*	0%	12 Jul 19
8A new loose light cuttings	160-190*	0%	12 Jul 19
8B new loose light cuttings	145-175*	0%	12 Jul 19
Turnings			
UK inter-merchant 7B heavy steel turnings	105-125*	0%	12 Jul 19
Cast iron			
9A/10 heavy and light cast iron	125-150*	0%	12 Jul 19
9B/C cylinder block scrap	145-170*	0%	12 Jul 19
11A cast iron borings	70-90*	0%	12 Jul 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*	0%	19 Jul 19
UK ferrous scrap export			
<i>Fastmarkets MB's assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	271-273*	0.74% ▲	19 Jul 19
Shredded	276-278*	0.73% ▲	19 Jul 19
Indian imports			
<i>Fastmarkets MB's assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	314.23*	-1.52% ▼	19 Jul 19
HMS 1&2 (80:20 mix)	270-295*	-3.42% ▼	19 Jul 19
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	850-900*	3.55% ▲	19 Jul 19
18/8 turnings	725-765*	3.83% ▲	19 Jul 19
316 solids	1,300-1,350*	3.92% ▲	19 Jul 19
316 turnings	1,105-1,150*	3.92% ▲	19 Jul 19
12-13% Cr solids	150-200*	0%	19 Jul 19
16-17% Cr solids	200-230*	0%	19 Jul 19

	Price	Change	Assessed
Cif Europe stainless € per tonne			
18/8 solids	1,000-1,075*	5.33% ▲	19 Jul 19
18/8 turnings	900-970*	5.35% ▲	19 Jul 19
316 solids	1,550-1,570*	1.96% ▲	19 Jul 19
316 turnings	1,395-1,415*	2% ▲	19 Jul 19
Rotterdam export			
<i>Fastmarkets MB's assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	266.28*	0.23% ▲	19 Jul 19
HMS 1&2 (75:25 mix)	260-261*	0.58% ▲	19 Jul 19
Shredded	270-271*	0.56% ▲	19 Jul 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)	287.86*	2.05% ▲	19 Jul 19
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	295.04*	2% ▲	19 Jul 19
HMS 1&2 (75:25 mix)	279-280*	0.54% ▲	19 Jul 19
Shredded	299-300*	0.5% ▲	19 Jul 19
Turkish domestic			
<i>Fastmarkets MB's assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	295-295*	1.2% ▲	16 Jul 19
Auto bundle scrap (Turkish lira/tonne)	1,580-1,810*	0%	16 Jul 19
USA export			
<i>Fastmarket AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	278*	0%	17 Jul 19
Shredded	283*	0%	17 Jul 19
USA domestic			
<i>Fastmarkets AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	223.68*	-3.5% ▼	10 Jul 19
No1 busheling	275.27*	-2.29% ▼	10 Jul 19
Shredded	253.67*	-2.08% ▼	10 Jul 19
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,710-2,880*	1.64% ▲	19 Jul 19
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	282-284*	0.18% ▲	19 Jul 19
Vietnam import			
<i>\$/tonne cfr southern Vietnam</i>			
HMS 1&2	315-315*	1.12% ▲	19 Jul 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)	255-270	-2.78% ▼	12 Jul 19
No E8 (thin new production steel scrap)	255-265	-3.7% ▼	12 Jul 19
No E3 (old thick scrap)	250-265	-2.83% ▼	12 Jul 19
Italy domestic			
<i>Fastmarkets MB's assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	240-255	-2.94% ▼	12 Jul 19
No E8 (thin new production steel)	260-265	-2.78% ▼	12 Jul 19
No E40 (shredded steel scrap)	260-270	-2.75% ▼	12 Jul 19

† week-on-week change

continued >



SCRAP SUBSTITUTES			
	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	360-365*	1.4%	▲ 18 Jul 19
Hot-briquetted iron cfr Italian ports	270-275*	0%	18 Jul 19
Brazil exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	200-205*	0%	19 Jul 19
Pig iron fob Vitoria/Rio Brazil	315-320*	1.6%	▲ 19 Jul 19
Pig iron fob Ponta da Maderia Brazil	348-353*	0.72%	▲ 19 Jul 19
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	360-365*	0.69%	▲ 19 Jul 19
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	360-385*	3.47%	▲ 18 Jul 19
Pig iron Black Sea	340-345*	1.48%	▲ 18 Jul 19
NON-FERROUS SCRAP EUROPE			
	Price	Change [†]	Assessed
Aluminium			
European free market Fastmarkets MB assessment €/tonne			
Floated frag	960-990*	0%	19 Jul 19
Cast	870-890*	0%	19 Jul 19
Mixed turnings 6%	710-750*	0%	19 Jul 19
France per 1000kg			
Pure cuttings	1,450-1,460	1.75%	▲ 16 Jul 19
Old rolled	500-550	0%	16 Jul 19
Commercial cast	550-600	0%	16 Jul 19
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,060-1,090	0.47%	▲ 12 Jul 19
Old mixed scrap	1,480-1,510	0.34%	▲ 12 Jul 19
Commercial cast	885-940	0%	12 Jul 19
<i>Source: Assomet</i>			
Copper			
France per 1000kg			
Electro cuttings	4,750-4,800	0.32%	▲ 16 Jul 19
No 1 bright wire	4,600-4,650	0.33%	▲ 16 Jul 19
Mixed (96%)	4,300-4,370	1.4%	▲ 16 Jul 19
Brass plate cuttings 70/30	3,500-3,600	0%	16 Jul 19
Brass turnings	3,050-3,100	0%	16 Jul 19
Mixed brass	2,750-2,800	0%	16 Jul 19
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	4,960-5,120	1.41%	▲ 12 Jul 19
Enamelled wire EN 12861-S-Cu-3	4,838-5,000	1.44%	▲ 12 Jul 19
New from tubes, strips etc EN 12861-S-Cu-4	4,862-5,090	1.43%	▲ 12 Jul 19
Old from tubes, strips etc 12861-S-Cu-7	4,690-4,860	1.49%	▲ 12 Jul 19
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,880-3,995	1.55%	▲ 12 Jul 19
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,115-3,445	1.86%	▲ 12 Jul 19
Several 95% m/m 12861-S-Cu-Zn-7	3,165-3,245	1.91%	▲ 12 Jul 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%	17 Jul 19
Commercial pure cuttings	870-920*	0%	17 Jul 19
Clean HE9 extrusions	1,260-1,300*	0%	17 Jul 19
Loose old rolled cuttings	620-650*	0%	17 Jul 19
Baled old rolled	720-740*	0%	17 Jul 19
Commercial cast	700-750*	0%	17 Jul 19
Cast wheels	1,050-1,080*	0%	17 Jul 19
Commercial turnings	520-550*	0%	17 Jul 19
Group 7 turnings	405-425*	0%	17 Jul 19
Fastmarkets MB and LME aluminium scrap discounts			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	149-189*	-6.11%	▼ 17 Jul 19
Commercial pure cuttings	529-579*	-1.95%	▼ 17 Jul 19
Clean HE9 extrusions	149-189*	-6.11%	▼ 17 Jul 19
Loose old rolled cuttings	426-526*	-2.06%	▼ 17 Jul 19
Baled old rolled	336-356*	-11.51%	▼ 17 Jul 19
Commercial cast	326-376*	-11.36%	▼ 17 Jul 19
Cast wheels	-4-26*	-80.36%	▼ 17 Jul 19
Commercial turnings	526-556*	-7.68%	▼ 17 Jul 19
Group 7 turnings	651-671*	-6.37%	▼ 17 Jul 19
Titanium			
<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.90-1*	0%	17 Jul 19
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.80-0.90*	0%	17 Jul 19
Copper scrap discount			
<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	29-35*	-11.11%	▼ 24 Jun 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	1,240-1,280*	0%	17 Jul 19
LM6/LM25 gravity diecasting ingot	1,600-1,660*	0%	17 Jul 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	1,310-1,360*	0%	19 Jul 19
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.70-0.72*	-0.7% ▼	18 Jul 19
AFFIMET €/tonne			
AS12	3,414	-0.87% ▼	01 Jul 19
AS12 UN	2,385	-1.24% ▼	01 Jul 19
AS9 U3	1,760	-1.68% ▼	01 Jul 19
AS5 U3	2,110	-1.4% ▼	01 Jul 19
Reflects generally larger traded lots			
Aluminium bronze £/tonne UK			
AB1 ex-works	4,900	1.45% ▲	16 Jul 19
AB2 ex-works	4,950	1.43% ▲	16 Jul 19
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,170	1.71% ▲	16 Jul 19
High tensile HTB1 ex-works	4,270	1.67% ▲	16 Jul 19
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,790	1.48% ▲	16 Jul 19
LG4 87/7/3/3 ex-works	5,390	1.32% ▲	16 Jul 19
G1 1.15 PB ex-works	6,220	1.14% ▲	16 Jul 19
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,690	1.06% ▲	16 Jul 19
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,120	1.16% ▲	16 Jul 19
15% P ex-works	6,170	1.15% ▲	16 Jul 19
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,537	-3.83% ▼	01 Jul 19
Brock Metal ZL5	2,566	-3.71% ▼	01 Jul 19



Monthly averages: June

BASE METALS			
		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		90	100
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		145	153.75
Alumina			
Index fob Australia		341.52	
Copper			
US High-grade cathode premium indicator, \$/tonne		163.97	176.37
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	200	222.5
	4x4 cathodes	445	485
	Briquettes	200	250
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		402.5	445
Kuala Lumpur (ex-smelter), \$/tonne		19,065.56	
MINOR METALS			
Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		6,347.5	6,575
MMTA Standard grade II, \$/tonne		6,206.25	6,443.75
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		3.04	3.31
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		117.5	127.5
min 99.99%, in warehouse cents/lb		119.38	129.25
Cobalt			
MB free market			
Alloy Grade, in warehouse, \$/lb		14.98	15.57
Standard Grade, in warehouse, \$/lb		14.23	14.86
Gallium			
MB free market			
MB free market, \$/kg		153	160
Germanium			
Dioxide MB free market min 99.99%, \$/kg		950	1,150
Metal, Rotterdam, \$/kg		1,143.75	1,293.75
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		157.5	177.5
Magnesium			
MB free market min 99.8%, \$/tonne		2,513.75	2,592.5
China free market min 99.8%, \$/tonne		2,410	2,440

	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	8.5	10.5
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,680	1,780
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.98	5.20
ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdioxide \$/lb Mo	12.22	12.30
US canned molybdic oxide \$/lb Mo	12.23	12.43
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	28.28	28.65
Tungsten		
European free market APT, \$/mtu	253.75	261.25
Ferro-tungsten		
basis 75% W min, \$/kg	30	31.44
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	7	7.95
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	34.10	36.35
US Free market 70-80%, \$/lb	17.5	18.25
PRECIOUS METALS		
Gold		
London \$/troy oz	Morning	1,358.49
	Afternoon	1,359.04
London £/troy oz	Morning	1,071.63
	Afternoon	1,072
\$/troy oz	Handy/Harman	1,359.04
Palladium		
Morning \$/troy oz	1,439.5	
Afternoon \$/troy oz	1,443.85	
Platinum: per troy oz		
Morning \$/troy oz	808.60	
Afternoon \$/troy oz	808.20	
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	3,042.5	3,233.25
Silver		
London		
spot pence/troy oz	1,182.90	
spot cents/troy oz	1,499.58	
Handy/Harman cents/troy oz	1,503.71	

† week-on-week change

continued >



FOUNDRY INGOTS			
	Low	High	
Aluminium			
LM24, £/tonne	1,292.5	1,335	
LM6/LM25, £/tonne	1,617.5	1,670	
Aluminium Europe €/tonne	1,305	1,355	
Phosphor Bronze			
PB1 ex-works, £/tonne	6,600		
Zinc Alloy			
ZL3, £/tonne	2,638		
EXCHANGE RATES (CLOSING RATES)			
\$/£	1.27		
\$/yen	108.09		
\$/€	1.13		
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LONDON METAL EXCHANGE			
High, low and average June (20 days) LME averages are mean of buyers and sellers except for settlement and 3 months sellers.			
	Jan-Jun 2019		June
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	1,719.25	1,922.5	1,753.71
3 months	1,752	1,944.25	1,781.61
Settlement	1,719.5	1,923	1,754.08
3 months seller	1,753	1,944.5	1,782.05
Copper Grade A (\$)			
Cash	5,755.75	6,571	5,867.96
3 months	5,785.25	6,532.5	5,887.49
Settlement	5,756	6,572	5,868.43
3 months seller	5,785.5	6,533	5,888.08
Copper Grade A (£)			
Settlement	4,508.36	5,000.76	4,630.66
3 months seller	4,506.43	4,980.18	4,626.85
Lead (\$)			
Cash	1,767	2,153.5	1,891.04
3 months	1,787.75	2,164.5	1,886.39
Settlement	1,768	2,154	1,891.5
3 months seller	1,788	2,165	1,887
Lead (£)			
Settlement	1,365.36	1,626.25	1,492.53
3 months seller	1,374.43	1,628.19	1,482.80
Nickel (\$)			
Cash	10,437.5	13,607.5	11,967.25
3 months	10,527.5	13,655	12,028.88
Settlement	10,440	13,610	11,970
3 months seller	10,530	13,660	12,034.25
Tin (\$)			
Cash	18,802.5	21,912.5	19,163.25
3 months	18,687.5	21,700	19,061
Settlement	18,805	21,925	19,176.5
3 months seller	18,700	21,725	19,075.75

	Jan-Jun 2019		June
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	2,461	3,017	2,601.56
3 months	2,395.5	2,948.5	2,483.18
Settlement	2,462	3,018	2,602.13
3 months seller	2,396	2,949	2,483.63
Cobalt (\$)			
Cash	26,600	46,000	28,055
3 months	27,000	50,000	28,112.5
Settlement	27,600	47,000	28,955
3 months seller	28,000	51,000	29,012.5
Aluminium Alloy (\$)			
Cash	1,150	1,517.5	1,227.25
3 months	1,155	1,525	1,198.75
Settlement	1,155	1,520	1,232.05
3 months seller	1,165	1,530	1,210.75
Nasaa (\$)			
Cash	1,061	1,535	1,089.03
3 months	1,085	1,565	1,113.75
Settlement	1,062	1,536	1,090.68
3 months seller	1,090	1,570	1,118.40

LME SETTLEMENT CONVERSION RATES

\$/£	1.27
\$/yen	108.11
\$/€	1.13