



Prices

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NEW YORK FUTURES			
	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	266	-1.32% ▼	01 Aug 19
Open interest	273,394	3.85% ▲	31 Jul 19
Stocks (short ton)	39,647	2.4% ▲	31 Jul 19
Comex: Gold \$/troy oz			
Settlement	1,420.90	0.5% ▲	01 Aug 19
Open interest	564,084	-8.17% ▼	31 Jul 19
Stocks (troy oz)	7,783,669	0.44% ▲	31 Jul 19
Nymex: Palladium \$/troy oz			
Settlement	1,414.30	-7.8% ▼	01 Aug 19
Stocks (troy oz)	64,840	-0.45% ▼	31 Jul 19
Nymex: Platinum \$/troy oz			
Settlement	848.5	-2.29% ▼	01 Aug 19
Stocks (troy oz)	174,020	-0.3% ▼	31 Jul 19
Comex: Silver cents/troy oz			
Settlement	1,612.10	-1.33% ▼	01 Aug 19
Open interest	236,226	-0.01% ▼	31 Jul 19
SHANGHAI FUTURES			
	Price	Change [†]	Assessed
Aluminium yuan/tonne	13,800	-0.54% ▼	02 Aug 19
Copper yuan/tonne	46,420	-1.23% ▼	02 Aug 19
Nickel cathode yuan/tonne	114,490	3.23% ▲	02 Aug 19
Tin ingot yuan/tonne	132,900	-0.67% ▼	02 Aug 19
Zinc yuan/tonne	19,255	-0.08% ▼	02 Aug 19
Steel rebar month 1 yuan/tonne	4,057	-0.69% ▼	02 Aug 19
Steel rebar month 2 yuan/tonne	3,894	-3.04% ▼	02 Aug 19
Steel rebar month 3 yuan/tonne	3,805	-3.67% ▼	02 Aug 19
Weekly stocks deliverable			
Aluminium (tonnes)	403,660	1.83% ▲	02 Aug 19
Copper (tonnes)	155,971	4.55% ▲	02 Aug 19
Nickel cathode (tonnes)	28,412	4.62% ▲	02 Aug 19
Tin ingot (tonnes)	6,314	-1.64% ▼	02 Aug 19
Zinc (tonnes)	75,781	1.06% ▲	02 Aug 19
Steel rebar (tonnes)	0	0%	02 Aug 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	1,748.5-1,749	-1.59% ▼	02 Aug 19
Cash unofficial	1,748-1,750	-2.83% ▼	01 Aug 19
3 months official	1,776.5-1,777.5	-1.5% ▼	02 Aug 19
3 months unofficial	1,775-1,777	-2.79% ▼	01 Aug 19
LME Tapo notional average price (NAP)	1,757	-2.17% ▼	01 Aug 19
LME stocks (tonnes)	1,024,200	0.28% ▲	01 Aug 19
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,250-1,251	-5.27% ▼	02 Aug 19
LME cash unofficial	1,290-1,300	-1.89% ▼	01 Aug 19
LME 3 months official	1,270-1,300	-2.28% ▼	02 Aug 19
LME 3 months unofficial	1,290-1,300	-1.52% ▼	01 Aug 19
LME stocks (tonnes)	6,740	0%	01 Aug 19

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,154-1,156	-4.17% ▼	02 Aug 19
LME cash unofficial	1,182-1,192	-1.98% ▼	01 Aug 19
LME 3 months official	1,170-1,180	-3.09% ▼	02 Aug 19
LME 3 months unofficial	1,195-1,205	-1.23% ▼	01 Aug 19
LME stocks (tonnes)	84,600	-0.94% ▼	01 Aug 19
Copper grade A \$			
LME cash official	5,767-5,769	-2.97% ▼	02 Aug 19
LME cash unofficial	5,878-5,880	-1.96% ▼	01 Aug 19
LME 3 months official	5,792-5,793	-2.9% ▼	02 Aug 19
LME 3 months unofficial	5,902-5,904	-1.86% ▼	01 Aug 19
LME Tapo notional average price (NAP)	5,876	-1.07% ▼	01 Aug 19
LME stocks (tonnes)	286,600	-2.56% ▼	01 Aug 19
Lead \$			
LME cash official	1,949.5-1,950.5	-5.98% ▼	02 Aug 19
LME cash unofficial	1,984.5-1,986.5	-6.23% ▼	01 Aug 19
LME 3 months official	1,961-1,962	-5.44% ▼	02 Aug 19
LME 3 months unofficial	1,995-1,997	-5.45% ▼	01 Aug 19
LME stocks (tonnes)	85,375	53.9% ▲	01 Aug 19
Nickel \$			
LME cash official	14,515-14,520	3.27% ▲	02 Aug 19
LME cash unofficial	14,415-14,440	3.07% ▲	01 Aug 19
LME 3 months official	14,520-14,525	2.91% ▲	02 Aug 19
LME 3 months unofficial	14,450-14,475	3.03% ▲	01 Aug 19
LME stocks (tonnes)	143,658	-0.97% ▼	01 Aug 19
Tin \$			
LME cash official	17,250-17,300	-3% ▼	02 Aug 19
LME cash unofficial	17,255-17,305	-3.33% ▼	01 Aug 19
LME 3 months official	17,275-17,320	-2.69% ▼	02 Aug 19
LME 3 months unofficial	17,250-17,300	-3.36% ▼	01 Aug 19
LME stocks (tonnes)	4,890	-18.36% ▼	01 Aug 19
Zinc special high grade \$			
LME cash official	2,351-2,352	-2.91% ▼	02 Aug 19
LME cash unofficial	2,401-2,403	-1.54% ▼	01 Aug 19
LME 3 months official	2,358-2,360	-2.53% ▼	02 Aug 19
LME 3 months unofficial	2,403-2,405	-1.6% ▼	01 Aug 19
LME stocks (tonnes)	78,500	3.7% ▲	01 Aug 19
Cobalt min 99.3%			
LME cash official	25,000-26,000	0%	02 Aug 19
LME 3 months official	25,500-26,500	0%	02 Aug 19
LME stocks (tonnes)	840	0%	01 Aug 19
Gold \$/troy oz			
London morning	1,406.40	-1.4% ▼	01 Aug 19
London afternoon	1,406.80	-0.66% ▼	01 Aug 19
Handy/Harman	1,406.80	-0.66% ▼	01 Aug 19
Silver per troy oz			
London spot pence	1,322	-0.08% ▼	01 Aug 19
London spot cents	1,600.5	-3.21% ▼	01 Aug 19
Handy/Harman	1,615.40	-2.01% ▼	01 Aug 19
Palladium \$/troy oz			
London morning	1,514	-1.62% ▼	01 Aug 19
London afternoon	1,451	-5.04% ▼	01 Aug 19
Platinum \$/troy oz			
London morning	852	-3.29% ▼	01 Aug 19
London afternoon	844	-3.32% ▼	01 Aug 19

[†] week-on-week change

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	Price	Change	Assessed
Kuala Lumpur tin market			
Tin \$/tonne	17,280	-3.03% ▼	02 Aug 19
ICDX			
Tin PB300 settlement price \$/tonne	17,755	-1.42% ▼	26 Jul 19
Tin PB300 volume, tonnes	79	61.22% ▲	26 Jul 19
RAND FIXING PRICES			
<i>Rand fixing prices per tonne for London Metal Exchange trade</i>			
	Price	Change [†]	Assessed
Copper	84,256.82	0.58% ▲	02 Aug 19
Aluminium	25,544.32	1.95% ▲	02 Aug 19
Lead	28,487.25	-2.57% ▼	02 Aug 19
Zinc	34,351.20	0.61% ▲	02 Aug 19
Nickel	212,066.05	7.04% ▲	02 Aug 19
Tin	252,668.23	0.56% ▲	02 Aug 19
EXCHANGE RATES			
	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.2128	-2.45% ▼	02 Aug 19
\$/¥	106.8400	-1.68% ▼	02 Aug 19
\$/€	1.1104	-0.28% ▼	02 Aug 19
Closing rates, midpoint			
\$/£	1.2149	-2.77% ▼	01 Aug 19
\$/¥	108.1850	-0.34% ▼	01 Aug 19
\$/€	1.1059	-0.89% ▼	01 Aug 19
£/€	1.0987	-1.88% ▼	01 Aug 19
\$/CNY	6.9020	0.39% ▲	01 Aug 19
BASE METALS ARBITRAGE			
	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-166.47*	-9.51% ▼	02 Aug 19
Import arbitrage, yuan/tonne	-1,157*	-8.79% ▼	02 Aug 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	-9.73*	-82.6% ▼	02 Aug 19
Import arbitrage, yuan/tonne	-67.65*	-82.45% ▼	02 Aug 19
Nickel			
Import arbitrage, \$/tonne	-345.31*	-4.97% ▼	02 Aug 19
Import arbitrage, yuan/tonne	-2,400.03*	-4.22% ▼	02 Aug 19
Zinc			
Import arbitrage, \$/tonne	-56.14*	-42.18% ▼	02 Aug 19
Import arbitrage, yuan/tonne	-390.21*	-41.72% ▼	02 Aug 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%	30 Jul 19
Germany, Grade A, cathode, delivered, \$/tonne	80.0-90.0*	0%	30 Jul 19
North European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	31 Jul 19
South European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	31 Jul 19
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0-55.0*	0%	30 Jul 19
Japan, copper, Grade A, cathode, cif, \$/tonne	60.0-70.0*	0%	30 Jul 19
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	40.0-60.0*	0%	30 Jul 19
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-10.0*	0%	31 Jul 19
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	31 Jul 19
Southeast Asia, Grade A cathode, cif, \$ per tonne	58.0-68.0*	0%	30 Jul 19
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	53.0-70.0*	-1.6% ▼	02 Aug 19
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	52.0-70.0*	-1.61% ▼	02 Aug 19
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	58.0-70.0*	0.79% ▲	02 Aug 19
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	52.0-59.5*	-1.33% ▼	02 Aug 19
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	53.0-58.0*	-1.77% ▼	02 Aug 19
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	58.0-70.0*	0%	02 Aug 19
Taiwan, Grade A cathode, cif, \$ per tonne	60.0-68.0*	0%	30 Jul 19
United States warrants, Grade A cathode, \$/tonne	5.0-15.0*	0%	31 Jul 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, US cents/pound	7.0-8.0*	0%	30 Jul 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, \$/tonne	154.3-176.4*	0%	30 Jul 19
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	95.0-105.0*	0%	02 Aug 19
Aluminium P1020A, cif main Korea ports, spot low-high, \$/tonne	95-105*	2.56% ▲	30 Jul 19
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0-20.0*	0%	31 Jul 19
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	10.0-15.0*	0%	31 Jul 19
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0-105.0*	0%	30 Jul 19
Aluminium P1020A, South Korea, fca, \$/tonne	110.0-120.0*	2.22% ▲	30 Jul 19
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	30 Jul 19
Aluminium P1020A, Taiwan, cif, \$/tonne	100.0-110.0*	0%	30 Jul 19
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	175.0-185.0*	0%	30 Jul 19
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	170.0-180.0*	0%	30 Jul 19

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	90.0-100.0*	11.76% ▲	30 Jul 19
Aluminium ingot ADC 12 ex-works China, duty-paid, yuan/tonne	13,000-13,400*	0%	31 Jul 19
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,420-1,440*	-0.69% ▼	31 Jul 19
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	90.0-100.0*	0%	02 Aug 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	150.0-155.0*	1.67% ▲	02 Aug 19
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	310.0-330.0*	0%	02 Aug 19
Aluminium P1020A, free market delivered, cents per pound	97.02-97.52*	-2.33% ▼	01 Aug 19
Aluminium P1020A, duty paid premium, delivered Midwest, cents per pound	17.75-18.25*	0%	02 Aug 19
Aluminium P1020A, cif Baltimore premium, US cents/lb	5.5-5.75*	0%	30 Jul 19
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	31 Jul 19
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	220.0-240.0*	0%	30 Jul 19
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	155.0-165.0*	0%	30 Jul 19
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	300.0-325.0*	0%	02 Aug 19
Aluminium billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	350.0-370.0*	0%	02 Aug 19
Aluminium billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	330.0-350.0*	0%	02 Aug 19
Aluminium billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	340.0-350.0*	0%	02 Aug 19
Aluminium billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-210.0*	0%	02 Aug 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%	02 Aug 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%	31 Jul 19
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	31 Jul 19
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	31 Jul 19
Southeast Asia, min 99.97% cif, \$/tonne	70.0-80.0*	0%	30 Jul 19
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	30 Jul 19
Taiwan, 99.97% purity, cif, \$/tonne	70.0-90.0*	0%	30 Jul 19
Taiwan, 99.99% purity, cif, \$/tonne	135.0-145.0*	0%	30 Jul 19

	Price	Change	Assessed
India, 99.97% purity, cif, \$/tonne	70.0-130.0*	0%	30 Jul 19
India, 99.99% purity, cif, \$/tonne	130.0-150.0*	0%	30 Jul 19
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	31 Jul 19
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	31 Jul 19
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	30 Jul 19
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	30 Jul 19
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	190.0-210.0*	0%	30 Jul 19
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	180.0-200.0*	0%	30 Jul 19
Shanghai, nickel premium, 99.80% purity, briquette, duty-free, cif, \$/tonne	240.0-290.0*	0%	30 Jul 19
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	150-200*	0%	31 Jul 19
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	31 Jul 19
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	150-200*	0%	31 Jul 19
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	31 Jul 19
North European warrants, min 99.80%, in-warehouse, \$/tonne	90-140*	0%	31 Jul 19
uncut cathodes premium indicator	200.0-230.0*	0%	30 Jul 19
4x4 cathodes premium indicator	460.0-500.0*	0%	30 Jul 19
briquettes premium indicator	200.0-250.0*	0%	30 Jul 19
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	37-45*	0%	30 Jul 19
Nickel briquette premium, delivered consumer works US, US cents per pound	20-24*	4.76% ▲	30 Jul 19
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	475-530*	0%	30 Jul 19
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	380-430*	0%	30 Jul 19
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	30-80*	0%	31 Jul 19
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	30 Jul 19
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	30 Jul 19
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	200-220*	0%	30 Jul 19
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	375-475*	-12.82% ▼	30 Jul 19
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	470-540*	-8.6% ▼	30 Jul 19
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	30.0-50.0*	0%	31 Jul 19
MB EU: Special high grade, fca Rotterdam, \$/tonne	85.0-105.0*	-5% ▼	30 Jul 19
Malaysia fca, 99.995%, \$/tonne	110.0-120.0*	0%	30 Jul 19
Southeast Asia cif, 99.995%, \$/tonne	140.0-150.0*	0%	30 Jul 19
Singapore, zinc premium, 99.995% purity, fca \$/tonne	110.0-120.0*	0%	30 Jul 19
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	80.0-90.0*	0%	30 Jul 19
Shanghai 99.995% purity, cif \$/tonne	70.0-90.0*	0%	30 Jul 19
Taiwan 99.995% purity SHG ingots, cif \$/tonne	140.0-150.0*	0%	30 Jul 19
India 99.995% purity, cif duty-unpaid \$/tonne	120.0-140.0*	0%	30 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%	30 Jul 19
Antwerp 99.995% purity, duty-paid fca \$/tonne	85.0-105.0*	-5% ▼	30 Jul 19
Italy 99.995% purity, duty-paid fca \$/tonne	140.0-150.0*	0%	30 Jul 19
Italy 99.995% purity, delivered duty-paid \$/tonne	175.0-185.0*	0%	30 Jul 19
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	31 Jul 19
MB US: Special high grade, cents/lb	80-90*	0%	30 Jul 19

BASE METALS

	Price	Change [†]	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,400.0-2,490.0*	-1.01% ▼	01 Aug 19
Alumina Index fob Australia	300.83*	-0.9% ▼	02 Aug 19
Alumina Index fob Brazil	-16.98*		01 Aug 19
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	283.85*		02 Aug 19
Aluminium			
Shanghai bonded aluminium stocks, tonnes	9,500-10,500*	33.33% ▲	01 Aug 19
Calcined petroleum coke, aluminium anode grade, fob US Gulf Coast, \$/tonne	270-290*	-6.67% ▼	01 Aug 19
Calcined petroleum coke, aluminium anode grade, fob China, \$/tonne	330-340*	0%	01 Aug 19
Aluminium 6063 extrusion conversion margin, exw Germany, \$/tonne	695-700*	0%	01 Aug 19
Aluminium 6063 extrusion conversion margin, exw US Midwest, cents/lb	65-75*	0%	01 Aug 19
Aluminium FRP 1050 sheet conversion margin, exw Germany, \$/tonne	660-665*	0%	01 Aug 19
Aluminium FRP 5052 sheet conversion margin, exw US cents/lb	65-70*	-20.59% ▼	01 Aug 19
Aluminium FRP 5000 sheet conversion margin, exw China, \$/tonne	620-630*	-0.79% ▼	01 Aug 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	96,013.760	-2.36% ▼	31 Jul 19
Blister copper 98-99% spot RC cif China \$ per tonne	145-155*	-3.23% ▼	31 Jul 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	5.04*	-1.56% ▼	02 Aug 19
Copper concentrate Asia-Pacific Index TC import, \$/dmt	50.40*	-1.56% ▼	02 Aug 19
Shanghai bonded copper stocks, tonnes	391,000-395,000*	-5.76% ▼	29 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*	0%	02 Aug 19
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,050-1,070*	0%	02 Aug 19
Shanghai bonded nickel stocks, tonnes	14,000-22,000*	20% ▲	01 Aug 19
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	30-32*	1.64% ▲	02 Aug 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	52-54*	3.92% ▲	02 Aug 19
Nickel sulfate min 21%, max: 22.5%; cobalt 10ppm max, China ex-works, yuan/tonne	23,500-24,000*	1.28% ▲	02 Aug 19
Lead			
Lead concentrate spot treatment charge (TC) high silver CIF China, \$/tonne	50-75*	25% ▲	26 Jul 19
Lead concentrate spot treatment charge (TC) low silver CIF China, \$/tonne	30-50*	60% ▲	26 Jul 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	2,138*	-3.35% ▼	01 Aug 19
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	265-290*	0.91% ▲	26 Jul 19
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	6,600-6,900*	0%	26 Jul 19
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	6,300-6,500*	-1.54% ▼	26 Jul 19
Shanghai bonded zinc stocks, tonnes	84,500-91,500*	-8.33% ▼	01 Aug 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%	02 Aug 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,480	0%	02 Aug 19
Engelhard base price: \$/troy oz	1,485	0%	02 Aug 19
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,427-1,451*	-6.16% ▼	02 Aug 19
Engelhard base price: \$/troy oz	1,446	-5.92% ▼	02 Aug 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,436	-6.69% ▼	02 Aug 19
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	844-856*	-2.02% ▼	02 Aug 19
Engelhard base price: \$/troy oz	856	-1.61% ▼	02 Aug 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	850	-2.3% ▼	02 Aug 19
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	3,600-3,750*	4.26% ▲	02 Aug 19
Engelhard base price: \$/troy oz	3,675	3.67% ▲	02 Aug 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	3,660	4.13% ▲	02 Aug 19
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	200-255*	0%	02 Aug 19
Engelhard base price: \$/troy oz	255	0%	02 Aug 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	250	-1.19% ▼	02 Aug 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	5,950-6,200*	0.41% ▲	02 Aug 19
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	5,800-6,000*	0%	02 Aug 19
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	37,500-39,000*	0%	31 Jul 19
Arsenic			
MB free market \$/lb	1.20-1.5*	0%	02 Aug 19
Bismuth			
MB free market \$/lb	2.80-2.95*	1.77% ▲	02 Aug 19
MB China domestic, min 99.99%, yuan/tonne	42,000-43,000*	1.19% ▲	02 Aug 19
Cadmium			
MB free market min 99.95% cents/lb	105-115*	0%	02 Aug 19
MB free market min 99.99% cents/lb	110-120*	0%	02 Aug 19
Chromium			
MB free market alumino-thermic min 99% \$/tonne	7,200-7,500*	0%	02 Aug 19
Cobalt			
MB free market alloy-grade \$/lb	12.40-13*	-0.2% ▼	02 Aug 19
MB free market standard-grade \$/lb	12.20-13*	1% ▲	02 Aug 19
MB alloy-grade, weighted average of all confirmed international trades, \$/lb	12.75*	1.76% ▲	02 Aug 19
MB standard-grade, weighted average of all confirmed international trades, \$/lb	12.61*	0.24% ▲	02 Aug 19
MB China domestic, min 99.8% yuan/tonne	228,000-238,000*	3.56% ▲	02 Aug 19
Cobalt hydroxide index min 30% Co, cif China, \$/lb	7.44*	-13.29% ▼	31 Jul 19

	Price	Change	Assessed
Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	59-61*	0.84% ▲	31 Jul 19
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	145,000-150,000*	1.72% ▲	02 Aug 19
Cobalt sulfate, Co 20.5% basis, China ex-works, yuan/tonne	36,000-37,000*	2.1% ▲	02 Aug 19
Cobalt sulfate, Co 20.5% basis, adjustment to standard-grade cobalt low-end price, exw China, \$/lb	-2.06--1.78*	-10.7% ▼	02 Aug 19
Gallium			
MB free market \$/kg	155-170*	3.83% ▲	02 Aug 19
MB China domestic, min 99.99%, yuan/kg	990-1,020*	-0.99% ▼	31 Jul 19
Germanium			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	02 Aug 19
Germanium metal \$/kg Rotterdam	1,100-1,250*	0%	02 Aug 19
Germanium metal MB China domestic, min 99.999%, yuan/kg	7,550-8,100*	0%	31 Jul 19
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	900-1,050*	0%	02 Aug 19
Indium			
MB free market \$/kg	160-180*	1.8% ▲	02 Aug 19
MB China domestic, min 99.99% yuan/kg	1,070-1,120*	-1.35% ▼	31 Jul 19
Magnesium			
European free market \$ per tonne	2,400-2,500*	0%	02 Aug 19
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,320-2,340*	-0.43% ▼	02 Aug 19
MB Chinese free market min 99% Mg, ex-works yuan/tonne	15,350-15,400*	-0.49% ▼	02 Aug 19
Manganese flake			
MB free market 99.7%, \$/tonne	1,950-2,000*	0%	02 Aug 19
Electrolytic manganese flake basis 99.7%, fob China \$/tonne	1,820-1,830*	-1.62% ▼	02 Aug 19
Mercury			
MB free market \$ per flask	2,400-2,700*	0%	02 Aug 19
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	650-715*	0%	02 Aug 19
APR catalytic grade \$/kg Re	1,300-1,500*	0%	02 Aug 19
Selenium			
MB free market \$/lb	8.15-9.85*	0%	02 Aug 19
MB China domestic, min 99.9%, yuan/kg	130-150*	0%	02 Aug 19
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,625-1,675*	0%	02 Aug 19
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,530-1,600*	-4.57% ▼	02 Aug 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*	0%	02 Aug 19
Tellurium			
MB free market 99.9-99.99%, \$/kg	48-60*	0%	02 Aug 19
MB China domestic, min 99.99%, yuan/kg	390-410*	0%	02 Aug 19
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.70-4.95*	0%	31 Jul 19
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	1,250-1,350	0%	01 Aug 19
Rutile bulk conc min 95% TiO2 fob/Aus	1,100-1,200	0%	01 Aug 19
Ilmenite concentrate, 47-49% TiO2 cif China	180-200	0%	01 Aug 19
† week-on-week change			continued >



NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	11.95-12.05*	0.63% ▲	02 Aug 19
Molybdenum MB drummed molybdic oxide Mo, in-whs Busan, \$/lb	12-12.10*	-0.41% ▼	02 Aug 19
US canned molybdic oxide \$/lb Mo	11.90-12.35*	1.04% ▲	01 Aug 19
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	27.40-27.80*	-0.54% ▼	02 Aug 19
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	12.75-13.20*	0%	01 Aug 19
Tungsten			
European free market APT \$/mtu	210-225*	0%	02 Aug 19
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	200-210*	0%	31 Jul 19
MB Chinese free market concentrate 65% W03 in-warehouse China yuan/tonne	73,000-75,000*	0%	31 Jul 19
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	28.5-29*	1.23% ▲	02 Aug 19
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	40-42*	10.81% ▲	01 Aug 19
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	31-32.95*	4.75% ▲	02 Aug 19
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	14.75-15.5*	-0.82% ▼	01 Aug 19
Vanadium pentoxide 98% min, fob, China \$/lb V205	8.5-10*	10.78% ▲	01 Aug 19
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V205	6.70-7.5*	10.08% ▲	02 Aug 19
BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	0.72*	0%	02 Aug 19
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	0.98*	0%	02 Aug 19
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,300-6,500*	0%	02 Aug 19
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,050-6,300*	0%	02 Aug 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%	02 Aug 19
0.10% C average 65-70% Cr	1.65-1.75*	-2.86% ▼	26 Jul 19
European low carbon in-warehouse 0.06% C max - 65% Cr	1.78-1.83*	0%	26 Jul 19
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	0.79-0.89*	-8.2% ▼	26 Jul 19
High-carbon ferro-chrome 57-65% Cr, cif duty-unpaid Japan, \$/lb	0.72-0.75*	0.68% ▲	01 Aug 19
High carbon ferro-chrome 57-65% Cr, cif duty-unpaid South Korea, \$/lb	0.71-0.74*	0%	01 Aug 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	0.86-0.97*	-12.86% ▼	01 Aug 19
0.05% C - 65% min Cr	2.05-2.10*	0%	01 Aug 19
0.10% C - 62% min Cr	1.80-1.90*	-1.86% ▼	01 Aug 19
0.15% C - 60% min Cr	1.75-1.79*	-2.75% ▼	01 Aug 19

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	156*	1.96% ▲	02 Aug 19
Turkish lumpy 40-42% cfr main Chinese ports	200-210*	1.23% ▲	02 Aug 19
<i>Chrome Ore inventories at the main ports of Tianjin, Qinzhou, Lianyungang and Shanghai, million tonnes</i>			
	2.59-2.63*	1.75% ▲	29 Jul 19
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	950-980*	-3.5% ▼	02 Aug 19
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,300-1,400*	0%	01 Aug 19
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.13-1.15*	0%	01 Aug 19
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	6,800-6,900*	0%	02 Aug 19
Manganese ore			
44% Mn index, cif Tianjin \$/dmu of metal contained	5.68*	-1.56% ▼	02 Aug 19
37% Mn index, fob Port Elizabeth \$/dmu of metal contained	4.64*	-1.07% ▼	02 Aug 19
37% Mn index, cif Tianjin \$/dmu of metal contained	5.39*	-2.18% ▼	02 Aug 19
base 37% Mn port index, range 35-39%, fot Tianjin yuan/dmtu	46*	-1.92% ▼	02 Aug 19
base 44% Mn port index, range 42-48%, fot Tianjin yuan/dmtu	48.10*	-0.21% ▼	02 Aug 19
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	3.49-3.60*	1.87% ▲	29 Jul 19
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-300--200*	0%	29 Jul 19
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata), major European destinations, €/tonne	940-960*	1.33% ▲	02 Aug 19
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	0.78-0.83*	0%	01 Aug 19
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,200-1,260*	0%	31 Jul 19
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,500-6,700*	0%	31 Jul 19
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata), major European destinations, €/tonne	950-980*	-0.26% ▼	02 Aug 19
US free market \$/lb in-warehouse Pittsburgh	0.60-0.65*	0%	01 Aug 19
MB Chinese free market min 65% Mn max 17% Si in-warehouse duty-paid China yuan/tonne	7,350-7,500*	-0.34% ▼	02 Aug 19
65% min Mn 16% min Si \$/tonne fob India	1,040-1,050*	-0.48% ▼	02 Aug 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	460-480*	0%	31 Jul 19
Wire rod (mesh quality)	490-500*	0%	31 Jul 19
Plate (8-40mm)	540-550*	0%	31 Jul 19
Hot rolled coil	465-480*	0.53% ▲	31 Jul 19
Cold rolled coil	550-565*	0.9% ▲	31 Jul 19
Hot-dip galvanized coil	600-610*	0%	31 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	460-480*	0%	31 Jul 19
Wire rod (mesh quality)	480-490*	0%	31 Jul 19
Plate (8-40mm)	515-530*	0%	31 Jul 19
Hot rolled coil	450-475*	0%	31 Jul 19
Cold rolled coil	515-530*	-0.95% ▼	31 Jul 19
Hot-dip galvanized coil	565-590*	0%	31 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	445-460*	0%	31 Jul 19
Wire rod (mesh quality)	450-470*	0%	31 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%	31 Jul 19
Wire rod (mesh quality)	495-500*	-0.5% ▼	31 Jul 19
Sections (medium)	615-630*	0%	31 Jul 19
Beams	570-600*	0%	31 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%	31 Jul 19
Wire rod (mesh quality)	480-500*	0%	31 Jul 19
Sections (medium)	610-650*	0%	31 Jul 19
Beams	610-615*	0%	31 Jul 19
Central Europe domestic € per tonne ex-works			
Hot rolled coil	450-465*	-1.61% ▼	31 Jul 19
Poland domestic zloty per tonne ex-works			
Rebar	2,100-2,120*	0.72% ▲	02 Aug 19
Northern Europe € per tonne ex-works			
Plate (8-40mm)	560-575*	0%	31 Jul 19
Hot rolled coil	465-480*	-1.05% ▼	31 Jul 19
Cold rolled coil	560-570*	0%	31 Jul 19
Hot-dip galvanized coil	560-590*	-0.86% ▼	31 Jul 19
Southern Europe € per tonne ex-works			
Plate (8-40mm)	490-505*	0%	31 Jul 19
Hot rolled coil	435-460*	-0.56% ▼	31 Jul 19
Cold rolled coil	510-550*	-0.47% ▼	31 Jul 19
Hot-dip galvanized coil	510-560*	-0.47% ▼	31 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	410*	-1.2% ▼	02 Aug 19
Slab	415-420*	-0.6% ▼	29 Jul 19
Rebar	450-460*	0%	29 Jul 19
Wire rod (mesh)	485-490*	-1.52% ▼	29 Jul 19
Heavy plate (8-50mm)	570-600*	0%	29 Jul 19
Hot rolled coil	485-500*	-0.51% ▼	29 Jul 19
Cold rolled coil	550-555*	-0.27% ▼	29 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	41,000-41,500*	0%	29 Jul 19
Hot rolled sheet	44,500-45,500*	0.56% ▲	29 Jul 19
Cold rolled sheet	51,000-51,200*	0%	29 Jul 19
Plate	43,700-45,700*	1.59% ▲	29 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	420-430*	0%	01 Aug 19
Rebar	450-460*	0%	01 Aug 19
Wire rod (mesh quality)	500-510*	0%	01 Aug 19
Merchant bars	530-540*	0%	01 Aug 19
Structural pipe	560-580*	0%	10 Jul 19
Hot rolled coil	500-505*	0%	02 Aug 19
Hot dip galvanized	640-660*	-1.14% ▼	02 Aug 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	425-435*	0%	01 Aug 19
Hot rolled coil	520-525*	0%	02 Aug 19
Cold rolled coil	590-600*	0%	02 Aug 19
Hot dip galvanized	645-660*	-1.88% ▼	02 Aug 19
Prepainted galvanized	730-750*	-3.58% ▼	02 Aug 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	2,980-3,020*	-2.91% ▼	01 Aug 19
Wire rod (mesh quality)	3,300-3,400*	-0.74% ▼	01 Aug 19
Turkish imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	420-430*	0%	01 Aug 19
Hot rolled coil	505-510*	0%	02 Aug 19
Cold rolled coil	570-570*	0%	02 Aug 19
UAE imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	455-460*	-0.33% ▼	30 Jul 19
Rebar	522-523*	-0.19% ▼	30 Jul 19
Hot rolled coil	495-500*	-1.49% ▼	30 Jul 19
Cold rolled coil	560-570*	-1.31% ▼	30 Jul 19
Hot dip galvanized coil	660-730*	-2.8% ▼	30 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	510-515*	-0.97% ▼	30 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*	0%	30 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	390-395*	0.64% ▲	31 Jul 19
Slab	375-385*	-0.65% ▼	31 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%	01 Aug 19
Egyptian import			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	425-435*	0%	01 Aug 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%	02 Aug 19
Slab, Brazil	425-435*	1.18% ▲	02 Aug 19
Wire rod mesh quality	520-530*	0%	02 Aug 19
Heavy plate over 10mm	550-565*	-2.19% ▼	02 Aug 19
Hot rolled coil (dry)	480-490*	0%	02 Aug 19
Cold rolled coil	565-580*	0%	02 Aug 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%	02 Aug 19
Hot rolled coil	530-540*	0.94% ▲	02 Aug 19
Cold rolled coil	570-585*	-1.28% ▼	02 Aug 19
Galvanized coil	650-660*	2.34% ▲	02 Aug 19
Galvalume coil	720-740*	-0.68% ▼	02 Aug 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	2,470-2,517*	-1.87% ▼	02 Aug 19
Cold rolled coil	2,655-2,745*	-0.83% ▼	02 Aug 19
Hot dip galvanized coil	3,115-3,230*	0.52% ▲	02 Aug 19
<i>Fastmarkets MB's assessment of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,300-2,400*	-3.09% ▼	02 Aug 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	620-640*	-4.55% ▼	26 Jul 19

	Price	Change	Assessed
Wire rod (low carbon)	645-680*	0%	16 Jul 19
Medium sections	690-720*	-1.4% ▼	25 Jul 19
Medium plate	760-820*	0%	24 Jul 19
Hot rolled coil (commodity)	560-600*	0%	24 Jul 19
Cold rolled coil	700-740*	-1.37% ▼	24 Jul 19
Hot dipped galvanized 0.012-0.015, G30	960-980*	0%	24 Jul 19
ERW linepipe (X42)	880-965*	-10.87% ▼	30 Jul 19
OCTG API5CT - casing J55	850-895*	-5.16% ▼	30 Jul 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)	710-710*	0%	26 Jul 19
Hot rolled sheet Midwest index (fob mill)	598-598*	0.78% ▲	01 Aug 19
Cold rolled sheet (fob mill)	750-750*	2.74% ▲	01 Aug 19
Hot-dip galvanized (base) Midwest (fob mill)	760-760*	2.7% ▲	01 Aug 19
OCTG API5CT - casing J55 (fob mill)	980-1,050*	-3.33% ▼	30 Jul 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*	0%	26 Jul 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	506-506*	-0.59% ▼	02 Aug 19
Wire rod (mesh quality)	520-525*	0%	30 Jul 19
Heavy plate	515-520*	0%	30 Jul 19
Hot rolled coil index	501-501*	-1.35% ▼	02 Aug 19
Cold rolled coil	540-540*	-0.92% ▼	30 Jul 19
Galvanized coil 1mm	585-595*	-1.26% ▼	30 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	3,820-3,850*	-2.66% ▼	02 Aug 19
Wire rod (mesh)	4,000-4,060*	-1.59% ▼	02 Aug 19
Sections	3,900-3,950*	1.29% ▲	02 Aug 19
Plate	3,780-3,880*	-1.03% ▼	02 Aug 19
Hot rolled coil (min 2mm)	3,760-3,770*	-2.46% ▼	02 Aug 19
Cold rolled coil (0.5 - 2 mm)	4,200-4,240*	-0.24% ▼	02 Aug 19
Hot-dip galvanized coil	4,550-4,600*	-0.76% ▼	02 Aug 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	3,620-3,620*	-0.82% ▼	02 Aug 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	3,780-3,820*	-1.04% ▼	02 Aug 19
Rebar	3,750-3,870*	-2.43% ▼	02 Aug 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	3,880-3,980*	-0.51% ▼	02 Aug 19
Wire rod (mesh)	4,020-4,100*	-0.37% ▼	02 Aug 19
Sections	4,040-4,100*	-0.12% ▼	02 Aug 19
Plate	3,930-4,000*	-1.25% ▼	02 Aug 19
Hot rolled coil (min 2mm)	3,880-3,920*	-1.76% ▼	02 Aug 19
Cold rolled coil (0.5 - 2 mm)	4,260-4,300*	-0.58% ▼	02 Aug 19
Hot-dip galvanized coil	4,550-4,600*	-0.87% ▼	02 Aug 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	450-455*	-0.33% ▼	02 Aug 19
Slab (Asia/East Asia)	440-460*	2.86% ▲	29 Jul 19
Hot rolled coil (Vietnam)	510-520*	-0.96% ▼	29 Jul 19
Rebar (Singapore)	485-495*	0%	29 Jul 19
Wire rod (low carbon)	500-510*	-1.94% ▼	29 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	420-425*	-1.17% ▼	02 Aug 19
Plate (12-40mm)	500-505*	-1.95% ▼	02 Aug 19
Hot rolled coil (commodity)	495-500*	0%	02 Aug 19
Hot-dip galvanized coil	635-640*	0%	02 Aug 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%	02 Aug 19
Hot rolled coil (commodity)	535-540*	0%	02 Aug 19
Hot rolled coil (CR grade)	535-540*	0%	02 Aug 19
Cold rolled coil	595-600*	0%	02 Aug 19
Indian domestic			
<i>Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	26,100-26,300*	-1.87% ▼	02 Aug 19
Heavy plate	38,500-39,000*	0%	02 Aug 19
Hot rolled coil	38,000-38,500*	0%	02 Aug 19
Cold rolled coil	44,000-44,500*	0%	02 Aug 19
DRI	17,100-17,300*	-0.58% ▼	02 Aug 19
Hot-dip galvanized coil	47,500-48,000*	0%	02 Aug 19
Rebar	29,300-29,500*	-1.34% ▼	02 Aug 19
STAINLESS STEEL			
	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,000-2,030*	-1.23% ▼	31 Jul 19
Grade 304 hot rolled coil	1,900-1,930*	-1.29% ▼	31 Jul 19
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,700-15,000*	-1.98% ▼	31 Jul 19
Grade 430 2mm CR coil	7,700-7,750*	-0.64% ▼	31 Jul 19
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N.Europe Base price	870-915*	0%	02 Aug 19
Alloy surcharge	1,337-1,382*	1.46% ▲	02 Aug 19
N.Europe transaction	2,190-2,250*	0%	02 Aug 19
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,215-1,250*	0%	02 Aug 19
Alloy surcharge	2,055-2,123*	1.19% ▲	02 Aug 19
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,060*	0%	02 Aug 19
Alloy surcharge	1,651-1,697*	1.3%	02 Aug 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*	0%	25 Jul 19
Grade 316L cold rolled sheet	158-158*	0%	25 Jul 19
IRON ORE			
	Price	Change†	Assessed
65% Fe Brazilian Index CFR Qingdao (MBIOI-65-BZ-Index) \$/tonne	118.20*	-6.64% ▼	02 Aug 19
Lump premium CFR Qingdao (MBIOI-LP Index) cents per dmtu	21*	0%	02 Aug 19
Iron ore index (62% Fe)	107.73*	-8.94% ▼	02 Aug 19
Iron ore index (62% LA)	108.16*	-9.54% ▼	02 Aug 19
58% Fe Iron Ore Index (MBIOI-58) CFR Qingdao on a 58% Fe basis Daily Price \$/dry metric tonne	104.5*	-1.27% ▼	02 Aug 19
High grade Premium (MBIOI-58P) CFR Qingdao on a 58% basis low alumina, low phosphorous Daily Price \$/dry metric tonne	0.5*	-50%	02 Aug 19
Iron Ore Implied 58% Fe high specification price	105*	-1.72% ▼	02 Aug 19
Iron Ore product differential - PBF delivered Qingdao, China CFR \$/tonne	-1.5*	1775%	02 Aug 19
Iron ore 62% Fe Pilbara Blend Fines (MBIOI-PBF) \$/tonne	106.23*	-10.15% ▼	02 Aug 19
Iron Ore 62% Fe China port price index	866*	-1.7%	02 Aug 19
Implied 62% Fe China Port Price \$ per tonne	116.15*	-2.13% ▼	02 Aug 19
Iron ore pellet index cfr Qingdao (65% Fe)	141.56*	-0.26% ▼	02 Aug 19
Iron ore concentrate index cfr Qingdao (66% Fe)	120.76*	1.13% ▲	02 Aug 19
Iron ore implied pellet premium CFR Qingdao US\$/tonne	25.93*	5.24% ▲	02 Aug 19
Iron ore implied pellet premium over the Fastmarkets MB 65% Fe Brazilian iron ore index cfr Qingdao US\$/tonne	17.18*	4.95% ▲	02 Aug 19
Iron ore DR-grade pellet premium index Middle East reference, \$/dmt	65*	-4.41% ▼	31 Jul 19
Metal Bulletin Indicator for US\$/% Al MBIOI Al-VIU cfr Qingdao	-2.98*	-22.19% ▼	29 Jul 19
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.89*	-2.58% ▼	29 Jul 19
Iron Ore Fines 65% Fe, % Fe value in use cfr Qingdao \$/dry metric tonne	2.01*	-0.5%	29 Jul 19
Metal Bulletin Indicator for US\$/% Si MBIOI Si-VIU cfr Qingdao	-1.61*	15.83% ▲	29 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*	4.35% ▲	29 Jul 19
† week-on-week change			

continued >



COKING COAL			
\$ per metric tonne			
	Price	Change†	Assessed
Premium hard coking coal index cfr China	175.94*	-1.96%	▼ 02 Aug 19
Hard coking coal index cfr China	168.21*	-4.15%	▼ 02 Aug 19
Premium hard coking coal index fob Australia	159.19*	-7.69%	▼ 02 Aug 19
Hard coking coal index fob Australia	147.63*	-11.34%	▼ 02 Aug 19
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,430-1,810*	0%	02 Aug 19
65% CSR coke \$/tonne fob China	309-315*	-0.16%	▼ 30 Jul 19
Low Vol PCI Index \$ per dry metric tonne cfr Jingtang	124.44*	0%	02 Aug 19
Low Vol PCI Index \$ per dry metric tonne fob DBCT	109.85*	0%	02 Aug 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%	02 Aug 19
UK ferrous scrap export			
<i>Fastmarkets MB's assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	270-272*	0%	02 Aug 19
Shredded	275-277*	0%	02 Aug 19
Indian imports			
<i>Fastmarkets MB's assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	308.75*	-0.88%	▼ 02 Aug 19
HMS 1&2 (80:20 mix)	265-275*	-1.82%	▼ 02 Aug 19
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	920-970*	3.85%	▲ 02 Aug 19
18/8 turnings	780-825*	3.55%	▲ 02 Aug 19
316 solids	1,400-1,420*	3.3%	▲ 02 Aug 19
316 turnings	1,190-1,205*	3.23%	▲ 02 Aug 19
12-13% Cr solids	150-200*	0%	02 Aug 19
16-17% Cr solids	200-230*	0%	02 Aug 19

	Price	Change	Assessed
Cif Europe stainless € per tonne			
18/8 solids	1,070-1,120*	2.82%	▲ 02 Aug 19
18/8 turnings	965-1,010*	3.13%	▲ 02 Aug 19
316 solids	1,570-1,590*	1.28%	▲ 02 Aug 19
316 turnings	1,415-1,430*	1.25%	▲ 02 Aug 19
Rotterdam export			
<i>Fastmarkets MB's assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	267.66*	-0.97%	▼ 02 Aug 19
HMS 1&2 (75:25 mix)	259-261*	0%	02 Aug 19
Shredded	269-271*	0%	02 Aug 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)	286.89*	0.08%	▲ 02 Aug 19
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	294.06*	0.08%	▲ 02 Aug 19
HMS 1&2 (75:25 mix)	278-280*	0%	02 Aug 19
Shredded	298-300*	0%	02 Aug 19
Turkish domestic			
<i>Fastmarkets MB's assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	295-295*	0%	29 Jul 19
Auto bundle scrap (Turkish lira/tonne)	1,580-1,810*	0%	29 Jul 19
USA export			
<i>Fastmarket AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	269*	-1.47%	▼ 31 Jul 19
Shredded	274*	-1.44%	▼ 31 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	2,810-2,910*	1.42%	▲ 02 Aug 19
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	283-285*	0.89%	▲ 02 Aug 19
Vietnam import			
<i>\$/tonne cfr southern Vietnam</i>			
HMS 1&2	315-320*	1.6%	▲ 02 Aug 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	358-360*	0%	01 Aug 19
Hot-briquetted iron cfr Italian ports	260-275*	-1.83% ▼	01 Aug 19
Brazil exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	215-215*	0%	02 Aug 19
Pig iron fob Vitoria/Rio Brazil	325-325*	0.78% ▲	02 Aug 19
Pig iron fob Ponta da Maderia Brazil	352-352*	-0.28% ▼	02 Aug 19
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	365-368*	0.41% ▲	02 Aug 19
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	380-380*	0%	01 Aug 19
Pig iron Black Sea	335-340*	0%	01 Aug 19

NON-FERROUS SCRAP EUROPE			
	Price	Change [†]	Assessed
Aluminium			
European free market Fastmarkets MB assessment €/tonne			
Floated frag	980-1,000*	0.51% ▲	02 Aug 19
Cast	880-900*	1.14% ▲	02 Aug 19
Mixed turnings 6%	720-760*	0%	02 Aug 19
France per 1000kg			
Pure cuttings	1,430-1,450	-1.03% ▼	23 Jul 19
Old rolled	500-550	0%	23 Jul 19
Commercial cast	550-600	0%	23 Jul 19
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,060-1,090	0%	26 Jul 19
Old mixed scrap	1,485-1,515	0%	26 Jul 19
Commercial cast	885-940	0%	26 Jul 19
<i>Source: Assomet</i>			
Copper			
France per 1000kg			
Electro cuttings	4,800-4,860	1.15% ▲	23 Jul 19
No 1 bright wire	4,600-4,700	0.54% ▲	23 Jul 19
Mixed (96%)	4,350-4,420	1.15% ▲	23 Jul 19
Brass plate cuttings 70/30	3,600-3,700	2.82% ▲	23 Jul 19
Brass turnings	3,050-3,100	0%	23 Jul 19
Mixed brass	2,750-2,820	0.36% ▲	23 Jul 19
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,020-5,180	-0.1% ▼	26 Jul 19
Enamelled wire EN 12861-S-Cu-3	4,898-5,060	-0.1% ▼	26 Jul 19
New from tubes, strips etc EN 12861-S-Cu-4	4,922-5,150	-0.1% ▼	26 Jul 19
Old from tubes, strips etc 12861-S-Cu-7	4,750-4,920	-0.1% ▼	26 Jul 19
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,925-4,040	0.13% ▲	26 Jul 19
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,160-3,490	0.15% ▲	26 Jul 19
Several 95% m/m 12861-S-Cu-Zn-7	3,210-3,290	0.15% ▲	26 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	1,280-1,320*	1.56% ▲	31 Jul 19
Commercial pure cuttings	870-920*	0%	31 Jul 19
Clean HE9 extrusions	1,280-1,320*	1.56% ▲	31 Jul 19
Loose old rolled cuttings	610-640*	-1.57% ▼	31 Jul 19
Baled old rolled	720-740*	0%	31 Jul 19
Commercial cast	700-750*	0%	31 Jul 19
Cast wheels	1,050-1,100*	0.94% ▲	31 Jul 19
Commercial turnings	500-540*	-2.8% ▼	31 Jul 19
Group 7 turnings	400-420*	-1.2% ▼	31 Jul 19
Fastmarkets MB and LME aluminium scrap discounts			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	127-167*	-14.04% ▼	31 Jul 19
Commercial pure cuttings	527-577*	-0.72% ▼	31 Jul 19
Clean HE9 extrusions	127-167*	-14.04% ▼	31 Jul 19
Loose old rolled cuttings	500-530*	6.19% ▲	31 Jul 19
Baled old rolled	400-420*	5.13% ▲	31 Jul 19
Commercial cast	390-440*	5.06% ▲	31 Jul 19
Cast wheels	40-90*	18.18% ▲	31 Jul 19
Commercial turnings	600-640*	5.98% ▲	31 Jul 19
Group 7 turnings	720-740*	3.55% ▲	31 Jul 19
Titanium			
<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.90-1*	0%	31 Jul 19
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.80-0.90*	0%	31 Jul 19
Copper scrap discount			
<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	32-36*	6.25% ▲	29 Jul 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%	31 Jul 19
LM6/LM25 gravity diecasting ingot	1,600-1,660*	0%	31 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	1,350-1,400*	1.48% ▲	02 Aug 19
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.66-0.70*	-4.23% ▼	01 Aug 19
AFFIMET €/tonne			
AS12	3,464	1.46% ▲	01 Aug 19
AS12 UN	2,395	0.42% ▲	01 Aug 19
AS9 U3	1,770	0.57% ▲	01 Aug 19
AS5 U3	2,120	0.47% ▲	01 Aug 19
Reflects generally larger traded lots			
Aluminium bronze £/tonne UK			
AB1 ex-works	5,000	1.01% ▲	30 Jul 19
AB2 ex-works	5,050	0.8% ▲	30 Jul 19
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,260	1.19% ▲	30 Jul 19
High tensile HTB1 ex-works	4,360	1.16% ▲	30 Jul 19
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,880	1.04% ▲	30 Jul 19
LG4 87/7/3/3 ex-works	5,480	0.92% ▲	30 Jul 19
G1 1.15 PB ex-works	6,330	0.8% ▲	30 Jul 19
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,780	0.74% ▲	30 Jul 19
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,260	1.29% ▲	30 Jul 19
15% P ex-works	6,310	1.28% ▲	30 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: July

BASE METALS			
		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		91.52	101.52
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		145.56	155
Alumina			
Index fob Australia		306.68	
Copper			
US High-grade cathode premium indicator, \$/tonne		157.63	176.37
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	200	230
	4x4 cathodes	460	500
	Briquettes	200	250
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		380	430
Kuala Lumpur (ex-smelter), \$/tonne		18,068.18	
MINOR METALS			
Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		5,983.33	6,194.44
MMTA Standard grade II, \$/tonne		5,872.22	6,077.78
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		2.83	2.98
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		107.67	117.67
min 99.99%, in warehouse cents/lb		111.44	121.33
Cobalt			
MB free market			
Alloy Grade, in warehouse, \$/lb		12.98	13.63
Standard Grade, in warehouse, \$/lb		12.61	13.09
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		1,100	1,250
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		157	175
Magnesium			
MB free market min 99.8%, \$/tonne		2,442.5	2,537.5
China free market min 99.8%, \$/tonne		2,322.5	2,345

	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	8.32	9.93
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,637.5	1,687.5
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.70	4.97
ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdioxide \$/lb Mo	11.71	11.86
US canned molybdic oxide \$/lb Mo	11.93	12.23
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	27.27	27.62
Tungsten		
European free market APT, \$/mtu	215	229.25
Ferro-tungsten		
basis 75% W min, \$/kg	27.81	28.67
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	6.28	7.01
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	30.23	31.62
US Free market 70-80%, \$/lb	16	16.5
PRECIOUS METALS		
Gold		
London \$/troy oz	Morning	1,414.61
	Afternoon	1,412.98
London £/troy oz	Morning	1,134.35
	Afternoon	1,133.06
\$/troy oz	Handy/Harman	1,412.89
Palladium		
Morning \$/troy oz		1,544.91
Afternoon \$/troy oz		1,545.39
Platinum: per troy oz		
Morning \$/troy oz		843.43
Afternoon \$/troy oz		843.61
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	3,407.61	3,588.04
Silver		
London		
spot pence/troy oz		1,262.48
spot cents/troy oz		1,574.52
Handy/Harman cents/troy oz		1,579.11

† week-on-week change

continued >



FOUNDRY INGOTS			
	Low	High	
Aluminium			
LM24, £/tonne	1,240	1,280	
LM6/LM25, £/tonne	1,600	1,660	
Aluminium Europe €/tonne	1,315	1,365	
Phosphor Bronze			
PB1 ex-works, £/tonne	6,688		
Zinc Alloy			
ZL3, £/tonne	2,537		
EXCHANGE RATES (CLOSING RATES)			
\$/£	1.25		
\$/yen	108.26		
\$/€	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 July (23 days)			
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.			
	Jan-July 2019		July
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	1,719.25	1,922.5	1,792.51
3 months	1,752	1,944.25	1,815.82
Settlement	1,719.5	1,923	1,792.83
3 months seller	1,753	1,944.5	1,816.33
Copper Grade A (\$)			
Cash	5,755.75	6,571	5,939.20
3 months	5,785.25	6,532.5	5,956.11
Settlement	5,756	6,572	5,939.85
3 months seller	5,785.5	6,533	5,956.98
Copper Grade A (£)			
Settlement	4,508.36	5,000.76	4,762.15
3 months seller	4,506.43	4,980.18	4,756.15
Lead (\$)			
Cash	1,767	2,153.5	1,973.5
3 months	1,787.75	2,164.5	1,978.54
Settlement	1,768	2,154	1,974.02
3 months seller	1,788	2,165	1,979.15
Lead (£)			
Settlement	1,365.36	1,700.84	1,582.84
3 months seller	1,374.43	1,683.82	1,580.38
Nickel (\$)			
Cash	10,437.5	14,680	13,458.59
3 months	10,527.5	14,727.5	13,514.57
Settlement	10,440	14,685	13,462.39
3 months seller	10,530	14,730	13,521.96
Tin (\$)			
Cash	17,262.5	21,912.5	17,981.20
3 months	17,257.5	21,700	17,974.89
Settlement	17,275	21,925	17,991.30
3 months seller	17,260	21,725	17,982.83

	Jan-July 2019		July
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	2,371.5	3,017	2,440.96
3 months	2,368.5	2,948.5	2,431.16
Settlement	2,372	3,018	2,441.48
3 months seller	2,370	2,949	2,431.70
Cobalt (\$)			
Cash	25,500	46,000	27,282.61
3 months	26,000	50,000	27,782.61
Settlement	26,000	47,000	28,195.65
3 months seller	26,500	51,000	28,695.65
Aluminium Alloy (\$)			
Cash	1,150	1,517.5	1,258.70
3 months	1,155	1,525	1,256.41
Settlement	1,155	1,520	1,263.96
3 months seller	1,165	1,530	1,262.17
Nasaa (\$)			
Cash	1,052.5	1,535	1,125.21
3 months	1,085	1,565	1,147.15
Settlement	1,055	1,536	1,128.20
3 months seller	1,090	1,570	1,152.91

LME SETTLEMENT CONVERSION RATES

\$/£	1.25
\$/yen	108.23
\$/€	1.12