



# Prices

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NEW YORK FUTURES			
	Price	Change <sup>†</sup>	Assessed
<b>Comex: Copper high grade cents/lb</b>			
Settlement	288.60	-0.77% ▼	11 Apr 19
Open interest	251,283	0.37% ▲	10 Apr 19
Stocks (short ton)	39,402	-4.88% ▼	10 Apr 19
<b>Comex: Gold \$/troy oz</b>			
Settlement	1,288.60	-0.03% ▼	11 Apr 19
Open interest	454,943	3.34% ▲	10 Apr 19
Stocks (troy oz)	7,937,404	-1.26% ▼	10 Apr 19
<b>Nymex: Palladium \$/troy oz</b>			
Settlement	1,332.60	0.02% ▲	11 Apr 19
Stocks (troy oz)	42,583	0%	10 Apr 19
<b>Nymex: Platinum \$/troy oz</b>			
Settlement	890.30	-1.08% ▼	11 Apr 19
Stocks (troy oz)	175,195	0%	10 Apr 19
<b>Comex: Silver cents/troy oz</b>			
Settlement	1,482.40	-1.44% ▼	11 Apr 19
Open interest	211,404	5.06% ▲	10 Apr 19
SHANGHAI FUTURES			
	Price	Change <sup>†</sup>	Assessed
Aluminium yuan/tonne	13,810	0.36% ▲	12 Apr 19
Copper yuan/tonne	49,080	-0.67% ▼	12 Apr 19
Nickel cathode yuan/tonne	101,800	-0.97% ▼	12 Apr 19
Tin ingot yuan/tonne	147,880	0%	12 Apr 19
Zinc yuan/tonne	22,575	-2.74% ▼	12 Apr 19
Steel rebar month 1 yuan/tonne	4,120	7.26% ▲	12 Apr 19
Steel rebar month 2 yuan/tonne	4,108	5.96% ▲	12 Apr 19
Steel rebar month 3 yuan/tonne	4,002	5.07% ▲	12 Apr 19
<b>Weekly stocks deliverable</b>			
Aluminium (tonnes)	701,138	-4.61% ▼	12 Apr 19
Copper (tonnes)	245,178	-6.21% ▼	12 Apr 19
Nickel cathode (tonnes)	9,502	-13% ▼	12 Apr 19
Tin ingot (tonnes)	8,058	-1.43% ▼	12 Apr 19
Zinc (tonnes)	101,275	-7.77% ▼	12 Apr 19
Steel rebar (tonnes)	16,562	-8.18% ▼	12 Apr 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 <sup>†</sup>	Assessed
<b>Aluminium high grade \$</b>			
Cash official	1,843-1,843.5	-1.09% ▼	12 Apr 19
Cash unofficial	1,834.5-1,836.5	-1.95% ▼	11 Apr 19
3 months official	1,864-1,865	-1.15% ▼	12 Apr 19
3 months unofficial	1,855-1,857	-2.11% ▼	11 Apr 19
LME Tapo notional average price (NAP)	1,861.78	-0.48% ▼	11 Apr 19
LME stocks (tonnes)	1,081,975	-2.04% ▼	11 Apr 19
<b>Aluminium alloy (A380.1/DIN/D12S) \$</b>			
LME cash official	1,300-1,310	-5.43% ▼	12 Apr 19
LME cash unofficial	1,345-1,365	-1.09% ▼	11 Apr 19
LME 3 months official	1,365-1,375	-2.49% ▼	12 Apr 19
LME 3 months unofficial	1,370-1,390	-1.08% ▼	11 Apr 19
LME stocks (tonnes)	9,000	-2.17% ▼	11 Apr 19

	Price	Change	Assessed
<b>N. American special aluminium alloy</b>			
LME cash official	1,295-1,305	-2.62% ▼	12 Apr 19
LME cash unofficial	1,301-1,321	-1.72% ▼	11 Apr 19
LME 3 months official	1,335-1,345	-1.83% ▼	12 Apr 19
LME 3 months unofficial	1,330-1,350	-1.83% ▼	11 Apr 19
LME stocks (tonnes)	115,560	-0.93% ▼	11 Apr 19
<b>Copper grade A \$</b>			
LME cash official	6,488-6,490	1.1% ▲	12 Apr 19
LME cash unofficial	6,418.5-6,420.5	-0.16% ▼	11 Apr 19
LME 3 months official	6,514-6,514.5	1.26% ▲	12 Apr 19
LME 3 months unofficial	6,432-6,434	-0.16% ▼	11 Apr 19
LME Tapo notional average price (NAP)	6,453.89	-0.16% ▼	11 Apr 19
LME stocks (tonnes)	192,425	-2.96% ▼	11 Apr 19
<b>Lead \$</b>			
LME cash official	1,909-1,910	-3.17% ▼	12 Apr 19
LME cash unofficial	1,924-1,926	-2.85% ▼	11 Apr 19
LME 3 months official	1,926-1,926.5	-3.34% ▼	12 Apr 19
LME 3 months unofficial	1,943-1,945	-2.85% ▼	11 Apr 19
LME stocks (tonnes)	76,350	-3.02% ▼	11 Apr 19
<b>Nickel \$</b>			
LME cash official	12,935-12,945	-1.11% ▼	12 Apr 19
LME cash unofficial	12,845-12,870	-0.77% ▼	11 Apr 19
LME 3 months official	13,025-13,030	-1.21% ▼	12 Apr 19
LME 3 months unofficial	12,925-12,950	-0.77% ▼	11 Apr 19
LME stocks (tonnes)	178,866	-0.93% ▼	11 Apr 19
<b>Tin \$</b>			
LME cash official	20,825-20,850	-2.07% ▼	12 Apr 19
LME cash unofficial	20,675-20,725	-2.31% ▼	11 Apr 19
LME 3 months official	20,675-20,725	-2.01% ▼	12 Apr 19
LME 3 months unofficial	20,600-20,650	-2.02% ▼	11 Apr 19
LME stocks (tonnes)	860	-6.52% ▼	11 Apr 19
<b>Zinc special high grade \$</b>			
LME cash official	3,008-3,010	1.36% ▲	12 Apr 19
LME cash unofficial	2,961-2,963	-0.32% ▼	11 Apr 19
LME 3 months official	2,907-2,909	0%	12 Apr 19
LME 3 months unofficial	2,882-2,884	-0.52% ▼	11 Apr 19
LME stocks (tonnes)	52,200	3.52% ▲	11 Apr 19
<b>Cobalt min 99.3%</b>			
LME cash official	34,500-36,000	8.46% ▲	12 Apr 19
LME 3 months official	34,500-36,000	8.46% ▲	12 Apr 19
LME stocks (tonnes)	927	0%	11 Apr 19
<b>Gold \$/troy oz</b>			
London morning	1,304.65	1.01% ▲	11 Apr 19
London afternoon	1,298.80	1.22% ▲	11 Apr 19
Handy/Harman	1,298.80	1.22% ▲	11 Apr 19
<b>Silver per troy oz</b>			
London spot pence	1,158	0.87% ▲	11 Apr 19
London spot cents	1,516	0.5% ▲	11 Apr 19
Handy/Harman	1,503	-0.45% ▼	11 Apr 19
<b>Palladium \$/troy oz</b>			
London morning	1,370	-2.56% ▼	11 Apr 19
London afternoon	1,379	0.88% ▲	11 Apr 19
<b>Platinum \$/troy oz</b>			
London morning	904	2.49% ▲	11 Apr 19
London afternoon	898	1.81% ▲	11 Apr 19

<sup>†</sup> week-on-week change

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	Price	Change	Assessed
<b>Kuala Lumpur tin market</b>			
Tin \$/tonne	20,660	-2.46% ▼	12 Apr 19
<b>ICDX</b>			
Tin PB300 settlement price \$/tonne	21,000	-2.55% ▼	10 Apr 19
Tin PB300 volume, tonnes	30	-53.12% ▼	10 Apr 19
<b>RAND FIXING PRICES</b>			
<i>Rand fixing prices per tonne for London Metal Exchange trade</i>			
	Price	Change <sup>†</sup>	Assessed
Copper	90,791.21	-0.04% ▼	12 Apr 19
Aluminium	25,789.46	-2.22% ▼	12 Apr 19
Lead	26,719.75	-4.29% ▼	12 Apr 19
Zinc	42,108.09	0.23% ▲	12 Apr 19
Nickel	181,092.78	-2.23% ▼	12 Apr 19
Tin	291,678.99	-3.13% ▼	12 Apr 19
<b>EXCHANGE RATES</b>			
	Price	Change <sup>†</sup>	Assessed
<b>LME settlement conversion rates</b>			
\$/£	1.3091	0.18% ▲	12 Apr 19
\$/¥	111.9900	0.52% ▲	12 Apr 19
\$/€	1.1307	0.72% ▲	12 Apr 19
<b>Closing rates, midpoint</b>			
\$/£	1.3086	0.05% ▲	11 Apr 19
\$/¥	111.4800	-0.08% ▼	11 Apr 19
\$/€	1.1273	0.5% ▲	11 Apr 19
£/€	1.1608	-0.45% ▼	11 Apr 19
\$/CNY	6.7167	-0.03% ▼	11 Apr 19
<b>BASE METALS ARBITRAGE</b>			
	Price	Change <sup>†</sup>	Assessed
<b>Aluminium</b>			
Import arbitrage, \$/tonne	-193.44*	-19.21% ▼	12 Apr 19
Import arbitrage, yuan/tonne	-1,302.47*	-19.17% ▼	12 Apr 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Busan, \$/tonne	265.86*	-4.49% ▼	03 Apr 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Johor, \$/tonne	273.01*	-7% ▼	03 Apr 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Port Klang, \$/tonne	273.01*	-7% ▼	03 Apr 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Singapore, \$/tonne	258.16*	-7.46% ▼	03 Apr 19
<b>Copper</b>			
Import arbitrage, \$/tonne	-62.27*	-27.42% ▼	12 Apr 19
Import arbitrage, yuan/tonne	-419.30*	-27.39% ▼	12 Apr 19
<b>Nickel</b>			
Import arbitrage, \$/tonne	121.24*	-317.82% ▼	12 Apr 19
Import arbitrage, yuan/tonne	816.31*	-317.92% ▼	12 Apr 19
<b>Zinc</b>			
Import arbitrage, \$/tonne	-82.94*	-0.02% ▼	12 Apr 19
Import arbitrage, yuan/tonne	-558.46*	0.03% ▲	12 Apr 19

**MB BASE METAL PREMIUMS**

All prices \$/tonne unless otherwise stated

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	Price	Change <sup>†</sup>	Assessed
<b>Copper</b>			
Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne	130-175*	-12.86% ▼	07 Sep 18
Rotterdam, Grade A, cathode, cif, \$/tonne	38.0-50.0*	0%	09 Apr 19
Germany, Grade A, cathode, delivered, \$/tonne	80.0-95.0*	0%	09 Apr 19
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-20.0*	0%	10 Apr 19
South European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-20.0*	0%	10 Apr 19
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	50.0-60.0*	0%	09 Apr 19
Japan, copper, Grade A, cathode, cif, \$/tonne	65.0-70.0*	0%	09 Apr 19
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	49.0-65.0*	-12.31% ▼	09 Apr 19
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-20.0*	0%	10 Apr 19
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	10.0-20.0*	0%	10 Apr 19
Southeast Asia, Grade A cathode, cif, \$ per tonne	65.0-70.0*	0%	09 Apr 19
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	40.0-65.0*	-1.87% ▼	12 Apr 19
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	40.0-65.0*	-4.55% ▼	12 Apr 19
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	50.0-65.0*	-5.74% ▼	12 Apr 19
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	40.0-50.0*	-6.25% ▼	12 Apr 19
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	40.0-47.0*	-2.25% ▼	12 Apr 19
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	47.0-65.0*	0%	12 Apr 19
Taiwan, Grade A cathode, cif, \$ per tonne	47.0-70.0*	-16.43% ▼	09 Apr 19
United States warrants, Grade A cathode, \$/tonne	5.0-15.0*	0%	10 Apr 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, US cents/pound	7.0-7.8*	0%	09 Apr 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, \$/tonne	154.3-170.9*	0%	09 Apr 19
<b>Aluminium</b>			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	90.0-100.0*	3.26% ▲	12 Apr 19
Aluminium P1020A, cif main Korea ports, spot low-high, \$/tonne	95-115*	0%	09 Apr 19
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0-20.0*	-33.33% ▼	10 Apr 19
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	10.0-25.0*	-22.22% ▼	10 Apr 19
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0-105.0*	0%	09 Apr 19
Aluminium P1020A, South Korea, fca, \$/tonne	115.0-135.0*	0%	09 Apr 19
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	09 Apr 19
Aluminium P1020A, Taiwan, cif, \$/tonne	100.0-110.0*	0%	09 Apr 19
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	165.0-180.0*	2.99% ▲	09 Apr 19
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	160.0-170.0*	0%	09 Apr 19

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	80.0-90.0*	0%	09 Apr 19
Aluminium ingot ADC 12 ex-works China, duty-paid, yuan/tonne	14,000-14,500*	0.35% ▲	10 Apr 19
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,630-1,640*	-1.8% ▼	10 Apr 19
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	105.0-115.0*	0%	12 Apr 19
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	105.0-105.0*	25% ▲	25 Mar 19
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	140.0-150.0*	0%	12 Apr 19
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	350.0-400.0*	0%	12 Apr 19
Aluminium P1020A, free market delivered, cents per pound	102.45-102.70*	-1.35% ▼	11 Apr 19
Aluminium P1020A, duty paid premium, delivered Midwest, cents per pound	19.25-19.5*	0%	12 Apr 19
Aluminium P1020A, cif Baltimore premium, US cents/lb	5.5-5.75*	0%	09 Apr 19
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	10 Apr 19
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	210.0-230.0*	0%	09 Apr 19
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	165.0-175.0*	0%	09 Apr 19
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	340.0-360.0*	6.06% ▲	12 Apr 19
Aluminium billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	390.0-440.0*	0%	12 Apr 19
Aluminium billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	390.0-430.0*	0%	12 Apr 19
Aluminium billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	380.0-400.0*	-6.02% ▼	12 Apr 19
Aluminium billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-210.0*	0%	12 Apr 19
Aluminium billet, cif Japan duty-unpaid over MJP and LME cash pay, \$/gross tonne	140.0-155.0*	0%	18 Jan 19
Aluminium billet, cif Turkey (Marmara region) duty-unpaid over LME cash pay, \$/gross tonne	270.0-300.0*	0%	12 Apr 19
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	340.0-360.0*	-2.78% ▼	12 Apr 19
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	360.0-380.0*	0%	12 Apr 19
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	13.0-16.0*	-6.45% ▼	12 Apr 19
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	12 Apr 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
<b>Lead</b>			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-15.0*	0%	10 Apr 19
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	0%	10 Apr 19
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-20.0*	0%	10 Apr 19
Southeast Asia, min 99.97% cif, \$/tonne	65.0-70.0*	-3.57% ▼	09 Apr 19
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	09 Apr 19
Taiwan, 99.97% purity, cif, \$/tonne	40.0-90.0*	0%	09 Apr 19
Taiwan, 99.99% purity, cif, \$/tonne	135.0-145.0*	0%	09 Apr 19

	Price	Change	Assessed
India, 99.97% purity, cif, \$/tonne	35.0-60.0*	0%	09 Apr 19
India, 99.99% purity, cif, \$/tonne	125.0-140.0*	0%	09 Apr 19
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	10 Apr 19
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	10 Apr 19
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	09 Apr 19
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	09 Apr 19
<b>Nickel</b>			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	200.0-210.0*	0%	09 Apr 19
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	180.0-190.0*	0%	09 Apr 19
Shanghai, nickel premium, 99.80% purity, briquette, duty-free, cif, \$/tonne	240.0-270.0*	0%	26 Mar 19
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	100-170*	0%	10 Apr 19
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	10 Apr 19
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	100-160*	0%	10 Apr 19
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	10 Apr 19
North European warrants, min 99.80%, in-warehouse, \$/tonne	100-150*	0%	10 Apr 19
uncut cathodes premium indicator	200.0-230.0*	4.88% ▲	09 Apr 19
4x4 cathodes premium indicator	450.0-500.0*	0%	09 Apr 19
briquettes premium indicator	250.0-280.0*	0%	09 Apr 19
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	38-47*	1.19% ▲	09 Apr 19
Nickel briquette premium, delivered consumer works US, US cents per pound	25-29*	3.85% ▲	09 Apr 19
<b>Tin</b>			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	475-525*	0%	09 Apr 19
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	410-450*	0%	09 Apr 19
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	15-30*	0%	10 Apr 19
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	09 Apr 19
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	09 Apr 19
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	200-220*	0%	09 Apr 19
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	525-600*	0%	09 Apr 19
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	585-665*	0%	09 Apr 19
<b>Zinc</b>			
North European warrants, min 99.995% SHG ingots, \$/tonne	15.0-20.0*	0%	10 Apr 19
MB EU: Special high grade, fca Rotterdam, \$/tonne	105.0-115.0*	0%	09 Apr 19
Malaysia fca, 99.995%, \$/tonne	125.0-145.0*	0%	09 Apr 19
Southeast Asia cif, 99.995%, \$/tonne	155.0-170.0*	0%	09 Apr 19
Singapore, zinc premium, 99.995% purity, fca \$/tonne	125.0-145.0*	0%	09 Apr 19
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	130.0-140.0*	0%	09 Apr 19
Shanghai 99.995% purity, cif \$/tonne	120.0-130.0*	0%	09 Apr 19
Taiwan 99.995% purity SHG ingots, cif \$/tonne	160.0-170.0*	0%	09 Apr 19
India 99.995% purity, cif duty-unpaid \$/tonne	130.0-150.0*	0%	09 Apr 19

† week-on-week change

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	Price	Change	Assessed
India 99.995% purity, cif duty-paid \$/tonne	235.0-255.0*	0%	09 Apr 19
Antwerp 99.995% purity, duty-paid fca \$/tonne	105.0-115.0*	0%	09 Apr 19
Italy 99.995% purity, duty-paid fca \$/tonne	145.0-155.0*	0%	09 Apr 19
Italy 99.995% purity, delivered duty-paid \$/tonne	185.0-195.0*	0%	09 Apr 19
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	10 Apr 19
MB US: Special high grade, cents/lb	8.50-9.50*	0%	09 Apr 19

#### BASE METALS

	Price	Change <sup>†</sup>	Assessed
<b>Alumina</b>			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,600.0-2,650.0*	-0.76%	▼ 11 Apr 19
Alumina Index fob Australia	383.06*	-7.86%	▼ 12 Apr 19
Alumina Index fob Brazil	7.77*		11 Apr 19
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	390.83*		12 Apr 19
<b>Aluminium</b>			
Shanghai bonded aluminium stocks, tonnes	6,000-7,000*	3.17%	▲ 01 Apr 19
Calcined petroleum coke, aluminium anode grade, fob US Gulf Coast, \$/tonne	320-345*	0%	04 Apr 19
Calcined petroleum coke, aluminium anode grade, fob China, \$/tonne	340-350*	0%	04 Apr 19
Aluminium 6063 extrusion conversion margin, exw Germany, \$/tonne	695-700*	0%	04 Apr 19
Aluminium 6063 extrusion conversion margin, exw US Midwest, cents/lb	65-75*	0%	04 Apr 19
Aluminium FRP 1050 sheet conversion margin, exw Germany, \$/tonne	660-665*	0%	04 Apr 19
Aluminium FRP 5052 sheet conversion margin, exw US cents/lb	83-87*	0%	04 Apr 19
Aluminium FRP 5000 sheet conversion margin, exw China, \$/tonne	640-650*	0%	04 Apr 19
<b>Bauxite</b>			
fob Kamsar, Guinea \$/tonne per dmtu	37*	0%	11 Apr 19
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	11 Apr 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	106,879.330	6.97%	▲ 29 Mar 19
Blister copper 98-99% spot RC cif China \$ per tonne	160-170*	-5.71%	▼ 29 Mar 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 (twice monthly on 15th and last day of month)	6.67-6.67*	-3.33%	▼ 29 Mar 19
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	66.70-66.70*	-3.33%	▼ 29 Mar 19
Shanghai bonded copper stocks, tonnes	573,000-577,000*	1.77%	▲ 08 Apr 19

	Price	Change	Assessed
<b>Nickel</b>			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,000-1,020*	-1.94%	▼ 09 Apr 19
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,020-1,030*	-1.44%	▼ 09 Apr 19
Shanghai bonded nickel stocks, tonnes	26,800-33,800*	-0.66%	▼ 01 Apr 19
<b>Nickel ore</b>			
Laterite ore with 1.5% nickel content cif China, \$/tonne	30-31*	0%	09 Apr 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	51-53*	0%	09 Apr 19
Nickel sulfate min 21%, max: 22.5%; cobalt 10ppm max, China ex-works, yuan/tonne	25,000-25,500*	0.8%	▲ 09 Apr 19
<b>Lead</b>			
Lead concentrate spot treatment charge (TC) high silver CIF China, \$/tonne	40-60*	-16.67%	▼ 29 Mar 19
Lead concentrate spot treatment charge (TC) low silver CIF China, \$/tonne	25-40*	30%	▲ 29 Mar 19
Lead concentrate (TC) high silver, annual benchmark, \$/tonne	98*	0%	05 Apr 18
Lead concentrate (TC) low silver, annual benchmark, \$/tonne	99*	0%	15 Mar 18
<b>Zinc</b>			
UK: Special high grade, delivered monthly average price £/tonne	2,364*	5.21%	▲ 01 Apr 19
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	270-305*	23.66%	▲ 29 Mar 19
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	6,500-6,900*	-0.74%	▼ 29 Mar 19
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	6,300-6,600*	4.88%	▲ 29 Mar 19
Shanghai bonded zinc stocks, tonnes	83,500-90,500*	5.45%	▲ 01 Apr 19

† week-on-week change

continued >



PRECIOUS METALS			
	Price	Change <sup>†</sup>	Assessed
<b>Iridium</b>			
MB free market: min 99.9%, \$/troy oz in-warehouse	1,410-1,510*	0%	12 Apr 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,480	0%	12 Apr 19
Engelhard base price: \$/troy oz	1,485	0%	12 Apr 19
<b>Palladium</b>			
European free market: min 99.9%, \$/troy oz in-warehouse	1,370-1,382*	0.29% ▲	12 Apr 19
Engelhard base price: \$/troy oz	1,380	-2.61% ▼	12 Apr 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,380	0.36% ▲	12 Apr 19
<b>Platinum</b>			
European free market: min 99.9%, \$/troy oz in-warehouse	893-909*	0.84% ▲	12 Apr 19
Engelhard base price: \$/troy oz	895	1.94% ▲	12 Apr 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	902	-0.33% ▼	12 Apr 19
<b>Rhodium</b>			
European free market: min 99.9%, \$/troy oz in-warehouse	2,750-3,000*	-1.71% ▼	12 Apr 19
Engelhard base price: \$/troy oz	2,975	-2.46% ▼	12 Apr 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	3,000	-1.64% ▼	12 Apr 19
<b>Ruthenium</b>			
European free market: min 99.9%, \$/troy oz in-warehouse	235-275*	0%	12 Apr 19
Engelhard base price: \$/troy oz	270	-1.82% ▼	12 Apr 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	267	0%	12 Apr 19
<b>MINOR METALS</b>			
	Price	Change <sup>†</sup>	Assessed
<b>Antimony</b>			
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam	7,000-7,300*	0%	12 Apr 19
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	6,900-7,200*	0%	12 Apr 19
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	44,000-45,000*	0.56% ▲	10 Apr 19
<b>Arsenic</b>			
MB free market \$/lb	1.20-1.5*	0%	12 Apr 19
<b>Bismuth</b>			
MB free market \$/lb	3.30-3.80*	0%	12 Apr 19
MB China domestic, min 99.99%, yuan/tonne	47,000-48,000*	0%	12 Apr 19
<b>Cadmium</b>			
MB free market min 99.95% cents/lb	133-143*	0%	12 Apr 19
MB free market min 99.99% cents/lb	137-146*	0%	12 Apr 19
<b>Chromium</b>			
MB free market alumino-thermic min 99% \$/tonne	8,275-8,750*	-1.59% ▼	12 Apr 19
<b>Cobalt</b>			
MB free market alloy-grade \$/lb	16.60-17.40*	6.58% ▲	12 Apr 19
MB free market standard-grade \$/lb	15.35-16.75*	4.56% ▲	12 Apr 19
MB high-grade, weighted average of all confirmed international trades, \$/lb	17.40*	9.43% ▲	12 Apr 19
MB low-grade, weighted average of all confirmed international trades, \$/lb	15.67*	0.13% ▲	12 Apr 19
MB China domestic, min 99.8% yuan/tonne	270,000-300,000*	1.79% ▲	12 Apr 19
Cobalt hydroxide index min 30% Co, cif China, \$/lb	9.81*	-11.22% ▼	29 Mar 19

	Price	Change	Assessed
Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	66-68*	2.29% ▲	29 Mar 19
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	185,000-195,000*	8.57% ▲	12 Apr 19
Cobalt sulfate, Co 20.5% min, China ex-works, yuan/tonne	51,000-55,000*	10.42% ▲	12 Apr 19
Cobalt sulfate, Co 20.5% min, China ex-works, adjustment to low-grade cobalt low-end price at Co 20.5% basis, \$/lb	0-0*	0%	10 Apr 19
<b>Gallium</b>			
MB free market \$/kg	153-173*	0%	12 Apr 19
MB China domestic, min 99.99%, yuan/kg	1,000-1,040*	0%	10 Apr 19
<b>Germanium</b>			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	12 Apr 19
Germanium metal \$/kg Rotterdam	1,320-1,440*	0%	12 Apr 19
Germanium metal MB China domestic, min 99.999%, yuan/kg	7,600-8,200*	-1.25% ▼	10 Apr 19
<b>Hafnium</b>			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	900-1,050*	0%	12 Apr 19
<b>Indium</b>			
MB free market \$/kg	190-215*	0%	12 Apr 19
MB China domestic, min 99.99% yuan/kg	1,250-1,280*	0%	10 Apr 19
<b>Magnesium</b>			
European free market \$ per tonne	2,640-2,740*	0%	12 Apr 19
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,570-2,610*	-0.96% ▼	12 Apr 19
MB Chinese free market min 99% Mg, ex-works yuan/tonne	16,700-16,900*	-0.88% ▼	12 Apr 19
<b>Manganese flake</b>			
MB free market 99.7%, \$/tonne	2,000-2,100*	0%	12 Apr 19
<b>Mercury</b>			
MB free market \$ per flask	2,400-2,700*	0%	12 Apr 19
<b>Rhenium in-warehouse Rotterdam duty paid</b>			
Metal pellets, min 99.9% \$/lb	650-715*	0%	12 Apr 19
APR catalytic grade \$/kg Re	1,300-1,580*	0%	12 Apr 19
<b>Selenium</b>			
MB free market \$/lb	9-11*	0%	12 Apr 19
MB China domestic, min 99.9%, yuan/kg	160-190*	0%	12 Apr 19
<b>Silicon</b>			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,820-1,920*	0%	12 Apr 19
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,735-1,820*	-0.42% ▼	12 Apr 19
US free market cents/lb	111-114*	-0.88% ▼	10 Apr 19
Export from mainland China min 98.5%, \$/tonne fob	1,520-1,600*	0%	12 Apr 19
<b>Tellurium</b>			
MB free market 99.9-99.99%, \$/kg	55-65*	1.69% ▲	12 Apr 19
MB China domestic, min 99.99%, yuan/kg	410-430*	0%	12 Apr 19
<b>Titanium</b>			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	5.20-5.5*	0.94% ▲	10 Apr 19
<b>Titanium ores \$/tonne</b>			
Rutile conc min 95% TiO2 bagged, fob/Aus	1,150-1,350	4.38% ▲	11 Apr 19
Rutile bulk conc min 95% TiO2 fob/Aus	1,000-1,100	0%	11 Apr 19
Ilmenite concentrate, 47-49% TiO2 cif China	170-180	0%	11 Apr 19
† week-on-week change			continued >





NOBLE ALLOYS & ORES			
	Price	Change <sup>†</sup>	Assessed
<b>Molybdenum molybdc oxide</b>			
Europe drummed molybdc oxide \$/lb Mo	12.15-12.25*	-0.41%	▼ 12 Apr 19
US canned molybdc oxide \$/lb Mo	12.10-12.30*	0%	11 Apr 19
<b>Ferro-molybdenum</b>			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	28.80-29.20*	-1.53%	▼ 12 Apr 19
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	13.25-13.60*	-0.37%	▼ 11 Apr 19
<b>Tungsten</b>			
European free market APT \$/mtu	270-282*	0%	12 Apr 19
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	265-275*	-1.28%	▼ 10 Apr 19
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	96,000-98,000*	-0.51%	▼ 10 Apr 19
<b>Ferro-tungsten</b>			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	35.80-36.80*	0%	12 Apr 19
<b>Vanadium</b>			
Ferro-vanadium basis 78% min, fob, China \$/kg V	50-54*	-7.56%	▼ 11 Apr 19
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	45.5-47*	-7.5%	▼ 12 Apr 19
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	25-26.5*	-13.45%	▼ 11 Apr 19
Vanadium pentoxide 98% min, fob, China \$/lb V205	10.5-11.5*	-12%	▼ 11 Apr 19
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V205	10-11*	-6.87%	▼ 12 Apr 19
<b>BULK ALLOYS</b>			
	Price	Change <sup>†</sup>	Assessed
<b>Ferro-chrome \$/lb Cr</b>			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	0.87*	0%	12 Apr 19
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.18*	-1.67%	▼ 12 Apr 19
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,000-7,200*	-1.39%	▼ 12 Apr 19
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,950-7,300*	0%	12 Apr 19
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.2*	7.14%	▲ 01 Apr 19
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si, major European destinations	0.95-1.08*	-6.02%	▼ 12 Apr 19
0.10% C average 65-70% Cr	1.90-2.10*	-2.91%	▼ 05 Apr 19
European low carbon in-warehouse 0.06% C max - 65% Cr	1.94-2.10*	-2.88%	▼ 05 Apr 19
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.03-1.15*	0%	05 Apr 19
High-carbon ferro-chrome 57-65% Cr, cif duty-unpaid Japan, \$/lb	0.85-0.88*	-1.14%	▼ 11 Apr 19
High carbon ferro-chrome 57-65% Cr, cif duty-unpaid South Korea, \$/lb	0.83-0.85*	-2.33%	▼ 11 Apr 19
<b>US free market low carbon duty-paid fob Pittsburgh</b>			
US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si	1.080-1.190*	0%	11 Apr 19
0.05% C - 65% min Cr	2.18-2.20*	-0.45%	▼ 11 Apr 19
0.10% C - 62% min Cr	1.98-2*	0%	11 Apr 19
0.15% C - 60% min Cr	1.90-1.93*	0%	11 Apr 19

	Price	Change	Assessed
<b>Chrome ore \$/tonne</b>			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	176*	-2.22%	▼ 12 Apr 19
Turkish lumpy 40-42% cfr main Chinese ports	225-235*	-4.17%	▼ 12 Apr 19
Chrome Ore inventories at the main ports of Tianjin, Qinzhou, Lianyungang and Shanghai, million tonnes	2.43-2.48*	-5.94%	▼ 01 Apr 19
<b>Ferro-manganese</b>			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,050-1,100*	-0.46%	▼ 12 Apr 19
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,350-1,420*	0%	11 Apr 19
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.13-1.15*	0%	11 Apr 19
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	6,850-7,000*	-3.15%	▼ 12 Apr 19
<b>Manganese ore</b>			
44% Mn index, cif Tianjin \$/dmu of metal contained	6.53*	1.56%	▲ 12 Apr 19
37% Mn index, fob Port Elizabeth \$/dmu of metal contained	5.45*	-1.45%	▼ 12 Apr 19
37% Mn index, cif Tianjin \$/dmu of metal contained	6.12*	-1.29%	▼ 12 Apr 19
base 37% Mn port index, range 35-39%, fot Tianjin yuan/dmtu	48.30*	-2.23%	▼ 12 Apr 19
base 44% Mn port index, range 42-48%, fot Tianjin yuan/dmtu	53.20*	-2.39%	▼ 12 Apr 19
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	3.17-3.24*	0.16%	▲ 10 Apr 19
<b>Ferro-nickel</b>			
China premium, 26-32% nickel contained, cif China, \$/tonne	-250--120*	0%	25 Feb 19
<b>Ferro-silicon</b>			
Lumpy basis 75% Si (scale pro rata), major European destinations, €/tonne	1,050-1,100*	-1.38%	▼ 12 Apr 19
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	0.97-1*	-0.51%	▼ 11 Apr 19
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,170-1,220*	-1.65%	▼ 12 Apr 19
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,100-6,400*	0%	12 Apr 19
<b>Silico-manganese</b>			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata), major European destinations, €/tonne	970-1,020*	-2.45%	▼ 12 Apr 19
US free market \$/lb in-warehouse Pittsburgh	0.64-0.65*	0.78%	▲ 11 Apr 19
MB Chinese free market min 65% Mn max 17% Si in-warehouse duty-paid China yuan/tonne	7,300-7,500*	-1.99%	▼ 12 Apr 19
65% min Mn 16% min Si \$/tonne fob India	1,020-1,070*	0%	12 Apr 19

† week-on-week change

continued &gt;



CARBON STEEL - EUROPE			
	Price	Change <sup>†</sup>	Assessed
<b>Northern Europe imports</b>			
<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	470-500*	-3.48% ▼	10 Apr 19
Wire rod (mesh quality)	510-515*	-2.38% ▼	10 Apr 19
Plate (8-40mm)	550-560*	0%	10 Apr 19
Hot rolled coil	480-490*	0%	10 Apr 19
Cold rolled coil	560-580*	0%	10 Apr 19
Hot-dip galvanized coil	590-600*	0%	10 Apr 19
<b>Southern Europe imports</b>			
<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	470-500*	0%	10 Apr 19
Wire rod (mesh quality)	510-515*	-2.38% ▼	10 Apr 19
Plate (8-40mm)	530-550*	0%	10 Apr 19
Hot rolled coil	460-480*	1.62% ▲	10 Apr 19
Cold rolled coil	550-560*	0%	10 Apr 19
Hot-dip galvanized coil	590-600*	0%	10 Apr 19
<b>Southern Europe exports</b>			
<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	470-490*	-1.03% ▼	10 Apr 19
Wire rod (mesh quality)	485-495*	0%	10 Apr 19
<b>Northern Europe domestic</b>			
<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	535-550*	0%	10 Apr 19
Wire rod (mesh quality)	535-550*	0%	10 Apr 19
Sections (medium)	630-640*	0%	10 Apr 19
Beams	595-635*	-0.4% ▼	10 Apr 19
<b>Southern Europe domestic</b>			
<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	485-510*	-0.5% ▼	10 Apr 19
Wire rod (mesh quality)	535-550*	0%	10 Apr 19
Sections (medium)	625-645*	0%	10 Apr 19
Beams	615-635*	-1.19% ▼	10 Apr 19
<b>Central Europe domestic € per tonne ex-works</b>			
Hot rolled coil	475-485*	-1.03% ▼	10 Apr 19
<b>Poland domestic zloty per tonne ex-works</b>			
Rebar	2,220-2,290*	0%	12 Apr 19
<b>Northern Europe € per tonne ex-works</b>			
Plate (8-40mm)	580-595*	0.43% ▲	10 Apr 19
Hot rolled coil	495-505*	-0.5% ▼	10 Apr 19
Cold rolled coil	580-600*	0%	10 Apr 19
Hot-dip galvanized coil	600-610*	0%	10 Apr 19
<b>Southern Europe € per tonne ex-works</b>			
Plate (8-40mm)	555-570*	0%	10 Apr 19
Hot rolled coil	455-485*	-1.05% ▼	10 Apr 19
Cold rolled coil	540-570*	-0.45% ▼	10 Apr 19
Hot-dip galvanized coil	540-570*	-0.45% ▼	10 Apr 19

CARBON STEEL - CIS			
	Price	Change <sup>†</sup>	Assessed
<b>CIS exports (Black Sea)</b>			
<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	440*	-0.45% ▼	12 Apr 19
Slab	485-490*	-0.51% ▼	08 Apr 19
Rebar	465-470*	-1.06% ▼	08 Apr 19
Wire rod (mesh)	505-515*	-0.97% ▼	08 Apr 19
Heavy plate (10-50mm)	590-625*	0%	08 Apr 19
Hot rolled coil	500-515*	0%	08 Apr 19
Cold rolled coil	555-560*	0%	08 Apr 19
<b>Russia domestic</b>			
<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	39,000-40,000*	0%	08 Apr 19
Hot rolled sheet	44,000-44,500*	0.68% ▲	08 Apr 19
Cold rolled sheet	49,300-51,000*	0%	08 Apr 19
Plate	43,200-48,200*	0.44% ▲	08 Apr 19
<b>CARBON STEEL - MIDDLE EAST</b>			
	Price	Change <sup>†</sup>	Assessed
<b>Turkish exports</b>			
<i>Fastmarkets MB's assessment of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i>			
Billet	450-455*	-1.63% ▼	11 Apr 19
Rebar	480-485*	-1.03% ▼	11 Apr 19
Wire rod (mesh quality)	510-520*	0%	11 Apr 19
Merchant bars	550-555*	0%	11 Apr 19
Structural pipe	570-590*	-2.52% ▼	10 Apr 19
Hot rolled coil	510-515*	-1.91% ▼	12 Apr 19
Hot dip galvanized	690-695*	-4.15% ▼	12 Apr 19
<b>Turkish domestic</b>			
<i>Fastmarkets MB's assessment of prices within Turkey for commercial-quality carbon steel of Turkish origin, \$ per tonne ex-works</i>			
Billet	450-460*	-2.15% ▼	11 Apr 19
Hot rolled coil	520-525*	-2.34% ▼	12 Apr 19
Cold rolled coil	610-615*	0%	12 Apr 19
Hot dip galvanized	695-705*	-4.11% ▼	12 Apr 19
Prepainted galvanized	780-790*	-2.79% ▼	12 Apr 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	3,320-3,335*	3.18% ▲	11 Apr 19
Wire rod (mesh quality)	3,400-3,500*	0%	11 Apr 19
<b>Turkish imports</b>			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	450-455*	-1.63% ▼	11 Apr 19
Hot rolled coil	510-520*	-1.44% ▼	12 Apr 19
Cold rolled coil	565-570*	-1.73% ▼	12 Apr 19
<b>UAE imports</b>			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	500-505*	1.01% ▲	09 Apr 19
Rebar	530-535*	0%	09 Apr 19
Hot rolled coil	555-565*	-1.32% ▼	09 Apr 19
Cold rolled coil	640-645*	0%	09 Apr 19
Hot dip galvanized coil	710-780*	-0.33% ▼	09 Apr 19
<b>Saudi Arabia imports</b>			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Hot rolled coil	560-570*	-0.44% ▼	09 Apr 19

† week-on-week change

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	Price	Change	Assessed
<b>UAE domestic</b>			
<i>Fastmarkets MB's assessment of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i>			
Rebar	2,000-2,007*	0%	09 Apr 19
<b>Iran exports</b>			
<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	390-400*	-1.25% ▼	10 Apr 19
Slab	375-385*	-1.3% ▼	10 Apr 19
<b>Egyptian domestic</b>			
<i>Fastmarkets MB's assessment of prices within Egypt for commercial-quality carbon steel of Egyptian origin, EE per tonne ex-works</i>			
Rebar	11,350-11,650*	0%	11 Apr 19
<b>Egyptian import</b>			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	455-458*	-1.83% ▼	11 Apr 19
<b>CARBON STEEL - LATIN AMERICA</b>			
	Price	Change†	Assessed
<b>Latin American exports</b>			
<i>Fastmarkets MB's assessment of Latin American mills' prices for export outside Latin America of commercial-quality carbon steel, \$ per tonne fob stowed main Latin American port</i>			
Billet	440-450*	-2.2% ▼	12 Apr 19
Slab, Brazil	510-550*	0%	12 Apr 19
Wire rod mesh quality	560-580*	0%	12 Apr 19
Heavy plate over 10mm	600-610*	0%	12 Apr 19
Hot rolled coil (dry)	550-555*	0%	12 Apr 19
Cold rolled coil	590-600*	0%	12 Apr 19
Galvanized coil	800-810*	0%	12 Apr 19
<b>South America imports</b>			
<i>Fastmarkets MB's assessment of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i>			
Plate	570-580*	0%	12 Apr 19
Hot rolled coil	565-575*	0%	12 Apr 19
Cold rolled coil	615-620*	0.41% ▲	12 Apr 19
Galvanized coil	660-680*	0%	12 Apr 19
<b>Argentina domestic \$ per tonne ex-works</b>			
<i>Fastmarkets MB's assessment of prices within Argentina for commercial-quality carbon steel, \$ per tonne</i>			
Hot rolled coil	750-755*	0%	12 Apr 19
Cold rolled coil	850-860*	0%	12 Apr 19
Galvanized coil	1,090-1,170*	0%	12 Apr 19
Rebar	850-860*	0%	12 Apr 19
<b>Brazil domestic</b>			
<i>Fastmarkets MB's assessment of prices within Brazil for commercial-quality carbon steel, Reais per tonne ex-works</i>			
Hot rolled coil	2,560-2,610*	5.62% ▲	05 Apr 19
Cold rolled coil	2,750-2,840*	3.52% ▲	05 Apr 19
Hot dip galvanized coil	3,295-3,390*	1.91% ▲	05 Apr 19
<i>Fastmarkets MB's assessment of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,550-2,620*	0%	05 Apr 19
<b>CARBON STEEL - NAFTA</b>			
	Price	Change†	Assessed
<b>US imports</b>			
<i>Fastmarkets MB's assessment of prices for imported, non-Nafta origin, commercial-quality carbon steel, \$ per short ton cfr port Houston</i>			
Rebar	670-700*	0.74% ▲	03 Apr 19
Merchant bars	740-760*	-1.32% ▼	29 Mar 19

	Price	Change	Assessed
Wire rod (low carbon)	744-762*	0%	19 Mar 19
Medium sections	790-810*	3.9% ▲	28 Mar 19
Medium plate	800-850*	-1.79% ▼	03 Apr 19
Hot rolled coil (commodity)	660-700*	0.74% ▲	03 Apr 19
Cold rolled coil	780-800*	1.28% ▲	03 Apr 19
Hot dipped galvanized 0.012-0.015, G30	980-1,040*	0%	03 Apr 19
ERW linepipe (X42)	1,130-1,200*	1.3% ▲	26 Mar 19
OCTG API5CT - casing J55	1,030-1,100*	-0.7% ▼	26 Mar 19
<b>US domestic</b>			
<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)	705-730*	0%	03 Apr 19
Plate (fob mill)	920-920*	0%	05 Apr 19
Hot rolled sheet Midwest index (fob mill)	690-690*	-0.38% ▼	11 Apr 19
Cold rolled sheet (fob mill)	840-840*	0%	11 Apr 19
Hot-dip galvanized (base) Midwest (fob mill)	850-850*	1.19% ▲	11 Apr 19
OCTG API5CT - casing J55 (fob mill)	1,200-1,235*	-0.41% ▼	26 Mar 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)	37.5-37.5*	0%	29 Mar 19
<b>CARBON STEEL - ASIA</b>			
	Price	Change†	Assessed
<b>China exports</b>			
<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	534-534*	0.99% ▲	12 Apr 19
Wire rod (mesh quality)	535-540*	0%	09 Apr 19
Heavy plate	542-550*	0.18% ▲	09 Apr 19
Hot rolled coil index	533-533*	1.12% ▲	12 Apr 19
Cold rolled coil	565-580*	0.44% ▲	09 Apr 19
Galvanized coil 1mm	620-625*	-0.4% ▼	09 Apr 19
<b>Eastern China domestic</b>			
<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	4,020-4,070*	3.06% ▲	12 Apr 19
Wire rod (mesh)	4,030-4,080*	2.92% ▲	12 Apr 19
Sections	3,950-4,000*	1.27% ▲	12 Apr 19
Plate	3,990-4,030*	0.88% ▲	12 Apr 19
Hot rolled coil (min 2mm)	3,970-3,980*	2.05% ▲	12 Apr 19
Cold rolled coil (0.5 - 2 mm)	4,340-4,370*	0.93% ▲	12 Apr 19
Hot-dip galvanized coil	4,650-4,740*	0.11% ▲	12 Apr 19
<b>Northern China domestic</b>			
<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	3,550-3,550*	2.6% ▲	12 Apr 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	3,910-3,930*	2.08% ▲	12 Apr 19
Rebar	3,940-4,010*	1.92% ▲	12 Apr 19
<b>Southern China domestic</b>			
<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	4,280-4,340*	2.13% ▲	12 Apr 19
Wire rod (mesh)	4,200-4,280*	1.92% ▲	12 Apr 19
Sections	4,000-4,030*	0%	12 Apr 19
Plate	4,170-4,240*	1.45% ▲	12 Apr 19
Hot rolled coil (min 2mm)	3,950-3,960*	1.93% ▲	12 Apr 19
Cold rolled coil (0.5 - 2 mm)	4,430-4,450*	0.79% ▲	12 Apr 19
Hot-dip galvanized coil	4,820-4,840*	1.58% ▲	12 Apr 19
† week-on-week change			continued >





	Price	Change	Assessed
<b>Southeast Asia imports</b>			
<i>Fastmarkets MB's assessment of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	470-475*	-1.05% ▼	12 Apr 19
Slab (Asia/East Asia)	490-495*	-0.51% ▼	08 Apr 19
Hot rolled coil (Vietnam)	540-545*	0%	08 Apr 19
Rebar (Singapore)	495-505*	0%	08 Apr 19
Wire rod (low carbon)	535-535*	0%	08 Apr 19
<b>Indian exports</b>			
<i>Fastmarkets MB's assessment of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port</i>			
Billet	455-460*	1.1% ▲	05 Apr 19
Plate (12-40mm)	545-550*	0%	05 Apr 19
Hot rolled coil (commodity)	540-545*	0%	05 Apr 19
Hot-dip galvanized coil	710-715*	0%	05 Apr 19
<b>Indian imports</b>			
<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)	560-565*	0%	05 Apr 19
Hot rolled coil (commodity)	575-580*	0%	05 Apr 19
Hot rolled coil (CR grade)	580-585*	0%	05 Apr 19
Cold rolled coil	595-600*	0%	05 Apr 19
<b>Indian domestic</b>			
<i>Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	31,600-31,800*	1.28% ▲	05 Apr 19
Heavy plate	41,500-42,000*	0%	05 Apr 19
Hot rolled coil	40,500-41,000*	0%	05 Apr 19
Cold rolled coil	46,500-47,000*	0%	05 Apr 19
DRI	19,700-19,900*	0.51% ▲	05 Apr 19
Hot-dip galvanized coil	50,000-50,500*	0%	05 Apr 19
Rebar	36,200-36,400*	1.97% ▲	05 Apr 19
<b>STAINLESS STEEL</b>			
	Price	Change†	Assessed
<b>Asia import</b>			
<b>\$/tonne cif East Asian port</b>			
Grade 304 2mm CR coil 2B	2,030-2,100*	-0.24% ▼	10 Apr 19
Grade 304 hot rolled coil	1,930-2,000*	0.51% ▲	10 Apr 19
<b>China domestic</b>			
<b>yuan/tonne, in-warehouse</b>			
Grade 304 2mm CR coil	14,400-14,800*	0%	10 Apr 19
Grade 430 2mm CR coil	8,250-8,300*	0%	10 Apr 19
<b>EU domestic</b>			
<b>2mm 304 cold rolled stainless sheet, €/tonne</b>			
N.Europe Base price	925-985*	0%	12 Apr 19
Alloy surcharge	1,423-1,430*	0%	12 Apr 19
N.Europe transaction	2,210-2,250*	0%	12 Apr 19
<b>2mm 316 cold rolled stainless sheet, €/tonne</b>			
Base price	1,270-1,320*	0%	12 Apr 19
Alloy surcharge	2,188-2,197*	0%	12 Apr 19
<b>304 stainless steel bright bar, €/tonne</b>			
Base price	1,000-1,050*	0%	12 Apr 19
Alloy surcharge	1,721-1,762*	0%	12 Apr 19

	Price	Change	Assessed
<b>US domestic</b>			
<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	115-115*	5.5% ▲	10 Apr 19
Grade 316 coiled plate	156-156*	0%	10 Apr 19
Grade 304 cold rolled sheet	128-128*	4.92% ▲	10 Apr 19
Grade 316L cold rolled sheet	168-168*	1.82% ▲	10 Apr 19
<b>Raw materials index</b>			
<b>EU domestic stainless steel \$ per tonne</b>			
304 Europe raw materials index	1,341.20*	1.78% ▲	08 Apr 19
<b>IRON ORE</b>			
	Price	Change†	Assessed
65% Fe Brazilian Index CFR Qingdao (MBIOI-65-BZ-Index) \$/tonne	109.70*	4.48% ▲	12 Apr 19
Lump premium CFR Qingdao (MBIOI-LP Index) cents per dmtu	33*	3.12% ▲	12 Apr 19
Iron ore index (62% Fe)	96.47*	3.84% ▲	12 Apr 19
Iron ore index (62% LA)	98.32*	2.92% ▲	12 Apr 19
58% Fe Iron Ore Index (MBIOI-58) CFR Qingdao on a 58% Fe basis Daily Price \$/dry metric tonne	79.63*	3.63% ▲	12 Apr 19
High grade Premium (MBIOI-58P) CFR Qingdao on a 58% basis low alumina, low phosphorous Daily Price \$/dry metric tonne	6*	0%	12 Apr 19
Iron Ore Implied 58% Fe high specification price	85.63*	3.37% ▲	12 Apr 19
Iron Ore product differential - PBF delivered Qingdao, China CFR \$/tonne	-0.73*	-17.05% ▼	12 Apr 19
Iron ore 62% Fe Pilbara Blend Fines (MBIOI-PBF) \$/tonne	95.74*	4.04% ▲	12 Apr 19
Iron Ore 62% Fe China port price index	683*	2.4% ▲	12 Apr 19
Implied 62% Fe China Port Price \$ per tonne	93.21*	2.47% ▲	12 Apr 19
Iron ore pellet index cfr Qingdao (65% Fe)	127.5*	1.09% ▲	12 Apr 19
Iron ore concentrate index cfr Qingdao (66% Fe)	109.06*	4.74% ▲	12 Apr 19
Iron ore implied pellet premium CFR Qingdao US\$/tonne	32.12*	-7.27% ▼	12 Apr 19
Iron ore implied pellet premium over the Fastmarkets MB 65% Fe Brazilian iron ore index cfr Qingdao US\$/tonne	20.22*	-10.09% ▼	12 Apr 19
Iron ore DR-grade pellet premium index Middle East reference, \$/dmt	80.5*	5.92% ▲	29 Mar 19
Metal Bulletin Indicator for US\$/% Al MBIOI Al-VIU cfr Qingdao	-4.27*	-0.47% ▼	08 Apr 19
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.46*	2.82% ▲	08 Apr 19
Iron Ore Fines 65% Fe, % Fe value in use cfr Qingdao \$/dry metric tonne	1.84*	7.6% ▲	08 Apr 19
Metal Bulletin Indicator for US\$/% Si MBIOI Si-VIU cfr Qingdao	-1.23*	3.36% ▲	08 Apr 19
Iron Ore Fines 62% Fe, 0.01% Phosphorous value in use MBIOI Phos-VIU cfr Qingdao US cent per dry metric tonne	-0.89*	11.25% ▲	08 Apr 19
† week-on-week change			

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COKING COAL			
\$ per metric tonne			
	Price	Change†	Assessed
Premium hard coking coal index cfr China	199.88*	0.33% ▲	12 Apr 19
Hard coking coal index cfr China	184.56*	-0.76% ▼	12 Apr 19
Premium hard coking coal index fob Australia	205.04*	-0.41% ▼	12 Apr 19
Hard coking coal index fob Australia	175.12*	-1.63% ▼	12 Apr 19
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,380-1,750*	-5.15% ▼	12 Apr 19
65% CSR coke \$/tonne fob China	300-310*	0%	09 Apr 19
Low Vol PCI Index \$ per dry metric tonne cfr Jingtang	137.32*	-1.82% ▼	12 Apr 19
Low Vol PCI Index \$ per dry metric tonne fob DBCT	130.94*	-1.79% ▼	12 Apr 19
FERROUS SCRAP			
	Price	Change†	Assessed
<b>UK ferrous scrap domestic</b>			
<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			
<b>Cut grades</b>			
OA plate and structural	160-185*	0%	11 Apr 19
1&2 old steel	140-165*	0%	11 Apr 19
12A/C new production heavy and shovellable steel	185-210*	0%	11 Apr 19
12D new production heavy and shovellable steel	190-215*	0%	11 Apr 19
<b>Bales and cuttings</b>			
4A new steel bales	190-215*	0%	11 Apr 19
4C new steel bales	180-205*	0%	11 Apr 19
8A new loose light cuttings	175-205*	0%	11 Apr 19
8B new loose light cuttings	160-190*	0%	11 Apr 19
<b>Turnings</b>			
UK inter-merchant 7B heavy steel turnings	120-140*	0%	11 Apr 19
<b>Cast iron</b>			
9A/10 heavy and light cast iron	140-165*	0%	11 Apr 19
9B/C cylinder block scrap	160-185*	0%	11 Apr 19
11A cast iron borings	85-105*	0%	11 Apr 19
<i>Prices relate to new UK scrap specifications</i>			
<i>Please see metalbulletin.com for full explanation of price changes</i>			
<b>UK intermerchant weekly price</b>			
£/tonne			
5C loose old light	90-110*	0%	12 Apr 19
<b>UK ferrous scrap export</b>			
<i>Fastmarkets MB's assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	289-291*	-2.36% ▼	12 Apr 19
Shredded	294-296*	-2.96% ▼	12 Apr 19
<b>Indian imports</b>			
<i>Fastmarkets MB's assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	331.32*	-0.94% ▼	12 Apr 19
HMS 1&2 (80:20 mix)	295-320*	0.82% ▲	12 Apr 19
<b>Alloy steel scrap domestic</b>			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	880-930*	0%	12 Apr 19
18/8 turnings	750-790*	0%	12 Apr 19
316 solids	1,300-1,350*	0%	12 Apr 19
316 turnings	1,105-1,150*	0%	12 Apr 19
12-13% Cr solids	190-230*	0%	12 Apr 19
16-17% Cr solids	240-270*	0%	12 Apr 19

	Price	Change	Assessed
<b>Cif Europe stainless € per tonne</b>			
18/8 solids	1,090-1,120*	0%	12 Apr 19
18/8 turnings	980-1,010*	0%	12 Apr 19
316 solids	1,590-1,600*	0%	12 Apr 19
316 turnings	1,430-1,440*	0%	12 Apr 19
<b>Rotterdam export</b>			
<i>Fastmarkets MB's assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	285.32*	-2.04% ▼	12 Apr 19
HMS 1&2 (75:25 mix)	271-275*	-4.21% ▼	12 Apr 19
Shredded	282-285*	-3.74% ▼	12 Apr 19
<b>Turkish import</b>			
<i>Fastmarkets MB's assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	303.41*	-1.07% ▼	12 Apr 19
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	307.48*	-1.05% ▼	12 Apr 19
HMS 1&2 (75:25 mix)	290-294*	-3.95% ▼	12 Apr 19
Shredded	311-314*	-2.95% ▼	12 Apr 19
<b>Turkish domestic</b>			
<i>Fastmarkets MB's assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	317-325*	-0.47% ▼	08 Apr 19
Auto bundle scrap (Turkish lira/tonne)	1,695-1,870*	-0.14% ▼	08 Apr 19
<b>USA export</b>			
<i>Fastmarket AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	290*	-5.93% ▼	10 Apr 19
Shredded	295*	-6.17% ▼	10 Apr 19
<b>USA domestic</b>			
<i>Fastmarkets AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	292.21*	-6.97% ▼	10 Apr 19
No1 busheling	350.5*	-5.86% ▼	10 Apr 19
Shredded	319.76*	-6.01% ▼	10 Apr 19
<b>China domestic</b>			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,620-2,750*	3.07% ▲	12 Apr 19
<b>Taiwan import</b>			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	280-285*	-3.42% ▼	12 Apr 19
<b>Vietnam import</b>			
<i>\$/tonne cfr southern Vietnam</i>			
HMS 1&2	335-340*	0%	12 Apr 19
<b>Germany domestic</b>			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	256	2.28% ▲	01 Mar 19
No E1 (old steel scrap)	228.90	2.05% ▲	01 Mar 19
No E3 (old thick steel scrap)	253.30	1.6% ▲	01 Mar 19
No E40 (shredded steel scrap)	257.70	2.55% ▲	01 Mar 19
No E5 (steel turnings)	203.20	3.15% ▲	01 Mar 19
<i>Fastmarkets MB's assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	275-285	0%	12 Apr 19
No E8 (thin new production steel scrap)	275-290	0.89% ▲	12 Apr 19
No E3 (old thick scrap)	265-285	0%	12 Apr 19
<b>Italy domestic</b>			
<i>Fastmarkets MB's assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	270-285	-0.89% ▼	15 Mar 19
No E8 (thin new production steel)	285-295	1.75% ▲	15 Mar 19
No E40 (shredded steel scrap)	290-295	0%	15 Mar 19

† week-on-week change

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SCRAP SUBSTITUTES			
	Price	Change <sup>†</sup>	Assessed
<b>EU imports \$/tonne</b>			
Pig iron imports cif Italy	355-365*	-1.37% ▼	11 Apr 19
Hot-briquetted iron cfr Italian ports	290-300*	0%	11 Apr 19
<b>Brazil exports \$/tonne, delivery terms as stated</b>			
Hot briquetted iron Venezuela	225-225*	0%	12 Apr 19
Pig iron fob Vitoria/Rio Brazil	335-340*	-2.6% ▼	12 Apr 19
Pig iron fob Ponta da Maderia Brazil	352-362*	-1.38% ▼	12 Apr 19
<b>US imports \$/tonne cfr Gulf of Mexico</b>			
Pig iron	365-365*	-1.35% ▼	12 Apr 19
<b>CIS exports \$/tonne fob main port</b>			
Pig iron Baltic Sea	385-390*	-0.64% ▼	11 Apr 19
Pig iron Black Sea	335-345*	-1.45% ▼	11 Apr 19

NON-FERROUS SCRAP EUROPE			
	Price	Change <sup>†</sup>	Assessed
<b>Aluminium</b>			
<b>European free market Fastmarkets MB assessment €/tonne</b>			
Floated frag	1,035-1,080*	-0.94% ▼	12 Apr 19
Cast	945-965*	-1.04% ▼	12 Apr 19
Mixed turnings 6%	795-835*	-1.21% ▼	12 Apr 19
<b>France per 1000kg</b>			
Pure cuttings	1,450-1,480	-2.98% ▼	09 Apr 19
Old rolled	570-600	0%	09 Apr 19
Commercial cast	580-640	0%	09 Apr 19
<i>Source: Lettre d'Information Metaux</i>			
<b>Italy per 1000kg</b>			
Pure cuttings	1,070-1,100	0%	05 Apr 19
Old mixed scrap	1,490-1,525	0.67% ▲	05 Apr 19
Commercial cast	885-940	0%	05 Apr 19
<i>Source: Assomet</i>			
<b>Copper</b>			
<b>France per 1000kg</b>			
Electro cuttings	5,200-5,230	-0.19% ▼	09 Apr 19
No 1 bright wire	5,000-5,100	0%	09 Apr 19
Mixed (96%)	4,700-4,740	-0.11% ▼	09 Apr 19
Brass plate cuttings 70/30	3,800-3,850	0%	09 Apr 19
Brass turnings	3,250-3,300	0%	09 Apr 19
Mixed brass	3,150-3,200	0%	09 Apr 19
<i>Source: Lettre d'Information Metaux</i>			
<b>Italy per 1000kg</b>			
Electrolytic dd EN 12861-S-Cu-2	5,400-5,560	-0.27% ▼	05 Apr 19
Enamelled wire EN 12861-S-Cu-3	5,278-5,440	-0.28% ▼	05 Apr 19
New from tubes, strips etc EN 12861-S-Cu-4	5,302-5,530	-0.28% ▼	05 Apr 19
Old from tubes, strips etc 12861-S-Cu-7	5,130-5,300	-0.29% ▼	05 Apr 19
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,305-4,420	-0.46% ▼	05 Apr 19
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,540-3,870	-0.54% ▼	05 Apr 19
Several 95% m/m 12861-S-Cu-Zn-7	3,590-3,670	-0.55% ▼	05 Apr 19
<i>Source: Assomet</i>			

UK NON-FERROUS SCRAP			
	Price	Change <sup>†</sup>	Assessed
<b>Aluminium - actual price</b>			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	1,300-1,350*	0%	10 Apr 19
Commercial pure cuttings	960-1,000*	0%	10 Apr 19
Clean HE9 extrusions	1,300-1,350*	0%	10 Apr 19
Loose old rolled cuttings	680-710*	-1.42% ▼	10 Apr 19
Baled old rolled	740-770*	0%	10 Apr 19
Commercial cast	780-820*	0%	10 Apr 19
Cast wheels	1,140-1,170*	-0.86% ▼	10 Apr 19
Commercial turnings	565-605*	0%	10 Apr 19
Group 7 turnings	460-490*	0%	10 Apr 19
<b>Fastmarkets MB and LME aluminium scrap discounts</b>			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	72-122*	-12.61% ▼	10 Apr 19
Commercial pure cuttings	422-462*	-3.07% ▼	10 Apr 19
Clean HE9 extrusions	72-122*	-12.61% ▼	10 Apr 19
Loose old rolled cuttings	396-426*	-10.26% ▼	10 Apr 19
Baled old rolled	336-366*	-13.97% ▼	10 Apr 19
Commercial cast	286-326*	-15.7% ▼	10 Apr 19
Cast wheels	-64-34*	2350% ▲	10 Apr 19
Commercial turnings	501-541*	-9.86% ▼	10 Apr 19
Group 7 turnings	616-646*	-8.28% ▼	10 Apr 19
<b>Titanium</b>			
<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1.10-1.15*	2.27% ▲	10 Apr 19
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	1-1.05*	5.13% ▲	10 Apr 19
<b>Copper scrap discount</b>			
<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	32-38*	12.9% ▲	25 Mar 19

† week-on-week change

continued &gt;



NON-FERROUS FOUNDRY INGOTS			
	Price	Change <sup>1</sup>	Assessed
<b>Aluminium UK £/tonne</b>			
<b>Fastmarkets MB free market</b>			
LM24 pressure diecasting ingot	1,360-1,410*	0%	10 Apr 19
LM6/LM25 gravity diecasting ingot	1,680-1,720*	0%	10 Apr 19
<b>NB: prices expressed delivered consumer works, LM series as specified in BS1490</b>			
<b>Aluminium Europe</b>			
<b>Fastmarkets MB free market</b>			
Duty paid delivered works pressure diecasting ingot price (DIN226/A380) - €/tonne	1,430-1,470*	-0.34% ▼	12 Apr 19
<b>Aluminum US \$/lb delivered Midwest</b>			
A380.1 alloy	0.83-0.84*	0%	11 Apr 19
<b>AFFIMET €/tonne</b>			
AS12	3,529	0.86% ▲	01 Apr 19
AS12 UN	2,465	-3.9% ▼	01 Apr 19
AS9 U3	1,840	-5.15% ▼	01 Apr 19
AS5 U3	2,190	-4.37% ▼	01 Apr 19
<b>Reflects generally larger traded lots</b>			
<b>VDM €/1000 kg delivered</b>			
DIN 226	2,160-2,260	0%	13 Mar 19
DIN 231	2,240-2,340	0%	13 Mar 19
DIN 311	2,220-2,320	0%	13 Mar 19
<b>Aluminium bronze £/tonne UK</b>			
AB1 ex-works	5,100	0%	09 Apr 19
AB2 ex-works	5,150	0%	09 Apr 19
<b>Source: C.F. Booth Ltd</b>			
<b>Brass UK £/tonne</b>			
SCB3 ex-works	4,220	0%	09 Apr 19
High tensile HTB1 ex-works	4,410	0%	09 Apr 19
<b>Source: C.F. Booth Ltd</b>			
<b>Gunmetal UK £/tonne</b>			
LG2 85/5/5/5 ex-works	4,870	0%	09 Apr 19
LG4 87/7/3/3 ex-works	5,620	0%	09 Apr 19
G1 1.15 PB ex-works	6,300	0%	09 Apr 19
<b>Source: C.F. Booth Ltd</b>			
<b>Phosphor bronze UK £/tonne</b>			
PB1 ex-works	6,900	0%	09 Apr 19
<b>Source: C.F. Booth Ltd</b>			
<b>Phosphor copper £/tonne</b>			
10% P ex-works	6,150	0%	09 Apr 19
15% P ex-works	6,200	0%	09 Apr 19
<b>Source: C.F. Booth Ltd</b>			
<b>Zinc alloys UK £/tonne</b>			
<b>Brock Metal Co contract alloy price (delivered UK)</b>			
Brock Metal ZL3	2,844	5.45% ▲	01 Apr 19
Brock Metal ZL5	2,872	5.43% ▲	01 Apr 19



# Monthly averages: March

BASE METALS			
		Low	High
<b>Aluminium</b>			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		83.52	92.67
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		137.22	145.56
<b>Alumina</b>			
Index fob Australia		400.89	
<b>Copper</b>			
US High-grade cathode premium indicator, \$/tonne		154.32	166.72
<b>Nickel</b>			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	187.5	220
	4x4 cathodes	450	500
	Briquettes	247.5	277.5
<b>Tin</b>			
European free market			
Spot Premium 99.9%, \$/tonne		420	460
Kuala Lumpur (ex-smelter), \$/tonne		21,340	
<b>MINOR METALS</b>			
<b>Antimony</b>			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		7,444.44	7,733.33
MMTA Standard grade II, \$/tonne		7,388.89	7,688.89
<b>Bismuth</b>			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		3.45	3.89
<b>Cadmium</b>			
MB free market			
min 99.95%, in warehouse, cents/lb		133	143
min 99.99%, in warehouse cents/lb		137	146
<b>Cobalt</b>			
MB free market			
Alloy Grade, in warehouse, \$/lb		14.12	15.07
Standard Grade, in warehouse, \$/lb		14.04	14.88
<b>Gallium</b>			
MB free market			
MB free market, \$/kg		156.33	175.22
<b>Germanium</b>			
Dioxide MB free market min 99.99%, \$/kg		950	1,150
Metal, Rotterdam, \$/kg		1,350	1,450
<b>Indium</b>			
MB free market ingots, min 99.97%, in warehouse, \$/kg		200	220
<b>Magnesium</b>			
MB free market min 99.8%, \$/tonne		2,640	2,742
China free market min 99.8%, \$/tonne		2,620	2,650

		Low	High
<b>Mercury</b>			
MB free market min 99.99%, in warehouse, \$/flask		2,400	2,700
<b>Selenium</b>			
MB free market min 99.5% in warehouse, \$/lb		8.78	10.81
<b>Silicon</b>			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne		1,860	1,940
<b>Titanium</b>			
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg		5	5.30
<b>ORES &amp; ALLOYS</b>			
		Low	High
<b>Molybdenum</b>			
Free market in warehouse Europe drummed molybdioxide \$/lb Mo		12.28	12.44
US canned molybdic oxide \$/lb Mo		12.40	12.64
<b>Ferro-molybdenum</b>			
basis 65% min, in-warehouse Rotterdam, \$/kg Mo		28.74	29.13
<b>Tungsten</b>			
European free market APT, \$/mtu		270.80	281.60
<b>Ferro-tungsten</b>			
basis 75% W min, \$/kg		35.28	36.28
<b>Vanadium</b>			
min 98%, in-warehouse Rotterdam, V2O5, \$/lb		15.01	16.05
<b>Ferro-vanadium</b>			
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V		64.61	68.11
US Free market 70-80%, \$/lb		34.5	37
<b>PRECIOUS METALS</b>			
<b>Gold</b>			
London \$/troy oz	Morning	1,302.29	
	Afternoon	1,300.90	
London £/troy oz	Morning	988.77	
	Afternoon	987.88	
\$/troy oz	Handy/Harman	1,300.90	
<b>Palladium</b>			
Morning \$/troy oz		1,535.95	
Afternoon \$/troy oz		1,530.71	
<b>Platinum: per troy oz</b>			
Morning \$/troy oz		842.76	
Afternoon \$/troy oz		842.81	
<b>Rhodium</b>			
European free market min 99.9% in-warehouse, \$/troy oz		3,076.43	3,185.24
<b>Silver</b>			
London			
spot pence/troy oz		1,163.24	
spot cents/troy oz		1,532.07	
Handy/Harman cents/troy oz		1,530.30	

† week-on-week change

continued >





FOUNDRY INGOTS		
	Low	High
<b>Aluminium</b>		
LM24, £/tonne	1,362.5	1,412.5
LM6/LM25, £/tonne	1,680	1,725
Aluminium Europe €/tonne	1,446	1,502
<b>Phosphor Bronze</b>		
PB1 ex-works, £/tonne	6,965	
<b>Zinc Alloy</b>		
ZL3, £/tonne	2,697	

#### EXCHANGE RATES (CLOSING RATES)

\$/£	1.32
\$/yen	111.15
\$/€	1.13

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

	Jan-Mar 2019		March
	Low	High	average
	\$	\$	\$
<b>Aluminium (\$)</b>			
Cash	1,775.25	1,922.5	1,871.88
3 months	1,813.5	1,944.25	1,894.88
Settlement	1,775.5	1,923	1,872.24
3 months seller	1,814	1,944.5	1,895.33
<b>Copper Grade A (\$)</b>			
Cash	5,810.75	6,571	6,450.31
3 months	5,836	6,523.75	6,425.56
Settlement	5,811	6,572	6,451.02
3 months seller	5,837	6,524	6,426.19
<b>Copper Grade A (£)</b>			
Settlement	4,508.36	5,000.76	4,897.91
3 months seller	4,506.43	4,952.08	4,856.95
<b>Lead (\$)</b>			
Cash	1,934	2,153.5	2,054.14
3 months	1,949	2,164.5	2,070.92
Settlement	1,934.5	2,154	2,054.57
3 months seller	1,950	2,165	2,071.48
<b>Lead (£)</b>			
Settlement	1,493.96	1,626.25	1,559.93
3 months seller	1,493.72	1,628.19	1,565.64
<b>Nickel (\$)</b>			
Cash	10,437.5	13,607.5	13,056.31
3 months	10,527.5	13,655	13,146.07
Settlement	10,440	13,610	13,060.71
3 months seller	10,530	13,660	13,151.43
<b>Tin (\$)</b>			
Cash	19,495	21,912.5	21,433.45
3 months	19,472.5	21,700	21,343.33
Settlement	19,500	21,925	21,444.29
3 months seller	19,475	21,725	21,358.81

	Jan-Mar 2019		March
	Low	High	average
	\$	\$	\$
<b>Zinc (\$)</b>			
Cash	2,461	2,999.5	2,850.90
3 months	2,395.5	2,915.5	2,811.07
Settlement	2,462	3,000	2,851.40
3 months seller	2,396	2,916	2,811.45
<b>Cobalt (\$)</b>			
Cash	29,500	46,000	30,854.76
3 months	29,500	50,000	30,854.76
Settlement	30,000	47,000	31,333.33
3 months seller	30,000	51,000	31,333.33
<b>Aluminium Alloy (\$)</b>			
Cash	1,375	1,517.5	1,436.79
3 months	1,405	1,525	1,459.05
Settlement	1,380	1,520	1,441.90
3 months seller	1,410	1,530	1,464.29
<b>Nasaa (\$)</b>			
Cash	1,327.5	1,535	1,505.55
3 months	1,375	1,565	1,543.57
Settlement	1,330	1,536	1,507.71
3 months seller	1,380	1,570	1,548.33

#### LME SETTLEMENT CONVERSION RATES

\$/£	1.32
\$/yen	111.19
\$/€	1.13