



Prices

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NEW YORK FUTURES			
	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	277.60	-1.86%	▼ 14 Feb 19
Open interest	249,511	2.19%	▲ 13 Feb 19
Stocks (short ton)	72,417	-7.83%	▼ 13 Feb 19
Comex: Gold \$/troy oz			
Settlement	1,309.80	0.03%	▲ 14 Feb 19
Open interest	479,897	-0.35%	▼ 13 Feb 19
Stocks (troy oz)	8,221,512	-2.89%	▼ 13 Feb 19
Nymex: Palladium \$/troy oz			
Settlement	1,385.90	2.05%	▲ 14 Feb 19
Stocks (troy oz)	42,583	-0.15%	▼ 13 Feb 19
Nymex: Platinum \$/troy oz			
Settlement	789.20	-1.02%	▼ 14 Feb 19
Stocks (troy oz)	173,474	-0.03%	▼ 13 Feb 19
Comex: Silver cents/troy oz			
Settlement	1,550	-1.12%	▼ 14 Feb 19
Open interest	221,610	6.46%	▲ 13 Feb 19
SHANGHAI FUTURES			
	Price	Change [†]	Assessed
Aluminium yuan/tonne	13,360	-1.04%	▼ 15 Feb 19
Copper yuan/tonne	47,900	-0.33%	▼ 15 Feb 19
Nickel cathode yuan/tonne	96,990	-1.32%	▼ 15 Feb 19
Tin ingot yuan/tonne	146,440	0%	15 Feb 19
Zinc yuan/tonne	21,430	-5.03%	▼ 15 Feb 19
Steel rebar month 1 yuan/tonne	3,721	-2.74%	▼ 15 Feb 19
Steel rebar month 2 yuan/tonne	3,701	-2.43%	▼ 15 Feb 19
Steel rebar month 3 yuan/tonne	3,736	-2.56%	▼ 15 Feb 19
Weekly stocks deliverable			
Aluminium (tonnes)	736,675	4.53%	▲ 15 Feb 19
Copper (tonnes)	207,118	45.11%	▲ 15 Feb 19
Nickel cathode (tonnes)	12,184	-3%	▼ 15 Feb 19
Tin ingot (tonnes)	8,222	1.29%	▲ 15 Feb 19
Zinc (tonnes)	86,447	84.2%	▲ 15 Feb 19
Steel rebar (tonnes)	38,621	87.66%	▲ 15 Feb 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	1,828-1,828.5	-1.96%	▼ 15 Feb 19
Cash unofficial	1,830-1,831	-2.32%	▼ 14 Feb 19
3 months official	1,862-1,863	-1.42%	▼ 15 Feb 19
3 months unofficial	1,855-1,856	-2.19%	▼ 14 Feb 19
LME Tapo notional average price (NAP)	1,858.05	-0.72%	▼ 14 Feb 19
LME stocks (tonnes)	1,266,600	-2.33%	▼ 14 Feb 19
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,473-1,474	-1.44%	▼ 15 Feb 19
LME cash unofficial	1,467-1,477	-1.6%	▼ 14 Feb 19
LME 3 months official	1,495-1,500	-1.16%	▼ 15 Feb 19
LME 3 months unofficial	1,490-1,500	-1.64%	▼ 14 Feb 19
LME stocks (tonnes)	8,680	-7.26%	▼ 14 Feb 19

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,475-1,476	3.73%	▲ 15 Feb 19
LME cash unofficial	1,475.5-1,485.5	3.06%	▲ 14 Feb 19
LME 3 months official	1,495-1,500	2.57%	▲ 15 Feb 19
LME 3 months unofficial	1,495-1,505	2.74%	▲ 14 Feb 19
LME stocks (tonnes)	122,620	-2.06%	▼ 14 Feb 19
Copper grade A \$			
LME cash official	6,188-6,190	-0.28%	▼ 15 Feb 19
LME cash unofficial	6,128.5-6,130.5	-1.99%	▼ 14 Feb 19
LME 3 months official	6,183-6,183.5	-0.71%	▼ 15 Feb 19
LME 3 months unofficial	6,130-6,132	-2.21%	▼ 14 Feb 19
LME Tapo notional average price (NAP)	6,154.05	-0.05%	▼ 14 Feb 19
LME stocks (tonnes)	143,175	-4.04%	▼ 14 Feb 19
Lead \$			
LME cash official	2,066-2,068	0.07%	▲ 15 Feb 19
LME cash unofficial	2,016-2,018	-2.4%	▼ 14 Feb 19
LME 3 months official	2,071-2,073	-0.6%	▼ 15 Feb 19
LME 3 months unofficial	2,018-2,020	-3.17%	▼ 14 Feb 19
LME stocks (tonnes)	67,300	0.26%	▲ 14 Feb 19
Nickel \$			
LME cash official	12,090-12,100	-5.01%	▼ 15 Feb 19
LME cash unofficial	12,095-12,120	-6.31%	▼ 14 Feb 19
LME 3 months official	12,195-12,200	-4.82%	▼ 15 Feb 19
LME 3 months unofficial	12,175-12,200	-6.16%	▼ 14 Feb 19
LME stocks (tonnes)	200,562	0.04%	▲ 14 Feb 19
Tin \$			
LME cash official	21,065-21,085	0.18%	▲ 15 Feb 19
LME cash unofficial	21,010-21,060	0.05%	▲ 14 Feb 19
LME 3 months official	21,010-21,020	0.19%	▲ 15 Feb 19
LME 3 months unofficial	20,950-21,000	0%	14 Feb 19
LME stocks (tonnes)	1,525	-12.1%	▼ 14 Feb 19
Zinc special high grade \$			
LME cash official	2,640-2,641	-1.77%	▼ 15 Feb 19
LME cash unofficial	2,585-2,587	-5.22%	▼ 14 Feb 19
LME 3 months official	2,638-2,638.5	-1.97%	▼ 15 Feb 19
LME 3 months unofficial	2,586-2,588	-5.24%	▼ 14 Feb 19
LME stocks (tonnes)	93,450	-14.99%	▼ 14 Feb 19
Cobalt min 99.3%			
LME cash official	29,000-31,000	-6.25%	▼ 15 Feb 19
LME 3 months official	29,000-31,000	-6.25%	▼ 15 Feb 19
LME stocks (tonnes)	964	-0.1%	▼ 14 Feb 19
Molybdenum \$			
LME cash official	24,000-26,000	0%	15 Feb 19
LME 3 months official	24,000-26,000	0%	15 Feb 19
LME stocks (tonnes)	0	0%	14 Feb 19
Gold \$/troy oz			
London morning	1,305.65	-0.07%	▼ 14 Feb 19
London afternoon	1,311.45	0.11%	▲ 14 Feb 19
Handy/Harman	1,311.45	0.11%	▲ 14 Feb 19
Silver per troy oz			
London spot pence	1,217	-0.25%	▼ 14 Feb 19
London spot cents	1,558	-0.83%	▼ 14 Feb 19
Handy/Harman	1,559	-0.69%	▼ 14 Feb 19
Palladium \$/troy oz			
London morning	1,409	2.55%	▲ 14 Feb 19
London afternoon	1,403	0.36%	▲ 14 Feb 19
Platinum \$/troy oz			
London morning	784	-2.61%	▼ 14 Feb 19
London afternoon	782	-2.86%	▼ 14 Feb 19

† week-on-week change

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Kuala Lumpur tin market	Price	Change	Assessed
Tin \$/tonne	21,030	-0.28%	▼ 15 Feb 19
ICDX			
Tin PB300 settlement price \$/tonne	20,920	0.58%	▲ 12 Feb 19
Tin PB300 volume, tonnes	118	136%	▲ 12 Feb 19

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change†	Assessed
Copper	87,616.97	3.36%	▲ 15 Feb 19
Aluminium	25,881.69	1.61%	▲ 15 Feb 19
Lead	29,271.71	3.74%	▲ 15 Feb 19
Zinc	37,382.30	1.81%	▲ 15 Feb 19
Nickel	171,270.66	-1.53%	▼ 15 Feb 19
Tin	298,449.74	3.81%	▲ 15 Feb 19

EXCHANGE RATES

	Price	Change†	Assessed
LME settlement conversion rates			
\$/£	1.2813	-1.22%	▼ 15 Feb 19
\$/¥	110.5200	0.68%	▲ 15 Feb 19
\$/€	1.1263	-0.74%	▼ 15 Feb 19
Closing rates, midpoint			
\$/£	1.2781	-1.48%	▼ 14 Feb 19
\$/¥	110.7150	0.87%	▲ 14 Feb 19
\$/€	1.1275	-0.71%	▼ 14 Feb 19
£/€	1.1335	-0.78%	▼ 14 Feb 19
\$/CNY	6.7711	0.52%	▲ 14 Feb 19

BASE METALS ARBITRAGE

	Price	Change†	Assessed
Aluminium			
Import arbitrage, \$/tonne	-327.88*	-10.83%	▼ 15 Feb 19
Import arbitrage, yuan/tonne	-2,226.91*	-10.34%	▼ 15 Feb 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Busan, \$/tonne	281.03*	0.15%	▲ 06 Feb 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Johor, \$/tonne	287.52*	1.46%	▲ 06 Feb 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Port Klang, \$/tonne	287.52*	1.46%	▲ 06 Feb 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Singapore, \$/tonne	272.76*	1.58%	▲ 06 Feb 19
Copper			
Import arbitrage, \$/tonne	-164.80*	17%	▲ 15 Feb 19
Import arbitrage, yuan/tonne	-1,119.32*	17.64%	▲ 15 Feb 19
Nickel			
Import arbitrage, \$/tonne	-115.55*	-66.53%	▼ 15 Feb 19
Import arbitrage, yuan/tonne	-784.78*	-66.35%	▼ 15 Feb 19
Zinc			
Import arbitrage, \$/tonne	-77.01*	27.71%	▲ 15 Feb 19
Import arbitrage, yuan/tonne	-523.04*	28.41%	▲ 15 Feb 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	38.0-50.0*	0%	12 Feb 19
Germany, Grade A, cathode, delivered, \$/tonne	85.0-95.0*	0%	12 Feb 19
North European warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	12 Feb 19
South European warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	12 Feb 19
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	60.0-65.0*	0%	12 Feb 19
Japan, copper, Grade A, cathode, cif, \$/tonne	80.0-90.0*	0%	12 Feb 19
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	85.0-90.0*	0%	12 Feb 19
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	12 Feb 19
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	15.0-20.0*	0%	12 Feb 19
Southeast Asia, Grade A cathode, cif, \$ per tonne	80.0-88.0*	0%	12 Feb 19
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	60.0-78.0*	-3.5%	▼ 15 Feb 19
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	58.0-73.0*	-5.07%	▼ 15 Feb 19
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	63.0-73.0*	-2.86%	▼ 15 Feb 19
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	58.0-66.0*	-5.34%	▼ 15 Feb 19
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	60.0-65.0*	-4.58%	▼ 15 Feb 19
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	65.0-78.0*	-3.38%	▼ 15 Feb 19
Taiwan, Grade A cathode, cif, \$ per tonne	73.0-88.0*	0%	12 Feb 19
United States warrants, Grade A cathode, \$/tonne	5.0-15.0*	-20%	▼ 12 Feb 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, US cents/pound	7.0-7.5*	0%	12 Feb 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, \$/tonne	154.3-165.3*	0%	12 Feb 19
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	75.0-85.0*	6.67%	▲ 15 Feb 19
Aluminium P1020A, cif main Korea ports, spot low-high, \$/tonne	80-90*	-8.11%	▼ 12 Feb 19
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	8.0-20.0*	0%	12 Feb 19
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	8.0-20.0*	0%	12 Feb 19
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0-105.0*	0%	12 Feb 19
Aluminium P1020A, South Korea, fca, \$/tonne	95.0-110.0*	-2.38%	▼ 12 Feb 19
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	12 Feb 19
Aluminium P1020A, Taiwan, cif, \$/tonne	80.0-85.0*	0%	12 Feb 19
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	165.0-175.0*	0%	12 Feb 19
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	160.0-170.0*	0%	12 Feb 19

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	80.0-90.0*	0%	12 Feb 19
Aluminium ingot ADC 12 ex-works China, duty-paid, yuan/tonne	13,900-14,000*	0%	13 Feb 19
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,520-1,550*	0%	13 Feb 19
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	80.0-95.0*	-2.78% ▼	15 Feb 19
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	83.0-85.0*	-18.45% ▼	04 Jan 19
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	125.0-135.0*	1.96% ▲	15 Feb 19
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	430.0-450.0*	-2.22% ▼	15 Feb 19
Aluminium P1020A, duty paid premium, delivered Midwest, cents per pound	102.24-102.49*	-1.87% ▼	14 Feb 19
Aluminium P1020A, cif Baltimore premium, US cents/lb	5.25-5.5*	0%	12 Feb 19
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	12 Feb 19
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	250.0-260.0*	0%	12 Feb 19
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	155.0-165.0*	-3.03% ▼	12 Feb 19
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	330.0-350.0*	6.25% ▲	15 Feb 19
Aluminium billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	470.0-490.0*	-2.04% ▼	15 Feb 19
Aluminium billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	465.0-485.0*	-1.04% ▼	15 Feb 19
Aluminium billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	455.0-475.0*	-1.06% ▼	15 Feb 19
Aluminium billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-210.0*	0%	15 Feb 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%	15 Feb 19
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	370.0-390.0*	-6.17% ▼	08 Feb 19
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	360.0-380.0*	-5.13% ▼	08 Feb 19
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	15.0-18.0*	0%	08 Feb 19
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	08 Feb 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%	12 Feb 19
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	0%	12 Feb 19
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	0%	12 Feb 19
Southeast Asia, min 99.97% cif, \$/tonne	65.0-75.0*	0%	12 Feb 19
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	12 Feb 19
Taiwan, 99.97% purity, cif, \$/tonne	40.0-90.0*	0%	12 Feb 19
Taiwan, 99.99% purity, cif, \$/tonne	135.0-145.0*	0%	12 Feb 19
India, 99.97% purity, cif, \$/tonne	50.0-95.0*	0%	12 Feb 19
India, 99.99% purity, cif, \$/tonne	125.0-140.0*	0%	12 Feb 19

	Price	Change	Assessed
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	12 Feb 19
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	12 Feb 19
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	12 Feb 19
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	12 Feb 19
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	200.0-210.0*	0%	12 Feb 19
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	190.0-200.0*	0%	12 Feb 19
Shanghai, nickel premium, 99.80% purity, briquette, duty-free, cif, \$/tonne	240.0-270.0*	6.25% ▲	29 Jan 19
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	110-180*	0%	12 Feb 19
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	12 Feb 19
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	100-160*	0%	12 Feb 19
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	12 Feb 19
North European warrants, min 99.80%, in-warehouse, \$/tonne	190-230*	0%	12 Feb 19
uncut cathodes premium indicator	180.0-220.0*	-4.76% ▼	12 Feb 19
4x4 cathodes premium indicator	450.0-500.0*	0%	12 Feb 19
briquettes premium indicator	240.0-280.0*	0%	12 Feb 19
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	35-45*	0%	12 Feb 19
Nickel briquette premium, delivered consumer works US, US cents per pound	24-28*	1.96% ▲	12 Feb 19
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	500-550*	0%	12 Feb 19
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	420-460*	0%	12 Feb 19
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	15-30*	0%	12 Feb 19
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	12 Feb 19
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	12 Feb 19
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	200-220*	0%	12 Feb 19
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	550-625*	0%	12 Feb 19
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	618-693*	0%	12 Feb 19
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	15.0-25.0*	0%	12 Feb 19
MB EU: Special high grade, fca Rotterdam, \$/tonne	115.0-125.0*	0%	12 Feb 19
Malaysia fca, 99.995%, \$/tonne	125.0-145.0*	0%	12 Feb 19
Southeast Asia cif, 99.995%, \$/tonne	155.0-170.0*	0%	12 Feb 19
Singapore, zinc premium, 99.995% purity, fca \$/tonne	125.0-145.0*	0%	12 Feb 19
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	150.0-160.0*	-6.06% ▼	12 Feb 19
Shanghai 99.995% purity, cif \$/tonne	135.0-145.0*	-6.67% ▼	12 Feb 19
Taiwan 99.995% purity SHG ingots, cif \$/tonne	160.0-170.0*	0%	12 Feb 19
India 99.995% purity, cif duty-unpaid \$/tonne	125.0-145.0*	0%	12 Feb 19
India 99.995% purity, cif duty-paid \$/tonne	235.0-255.0*	0%	12 Feb 19
† week-on-week change			

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	Price	Change	Assessed
Antwerp 99.995% purity, duty-paid fca \$/tonne	115.0-125.0*	0%	12 Feb 19
Italy 99.995% purity, duty-paid fca \$/tonne	145.0-155.0*	-3.23% ▼	12 Feb 19
Italy 99.995% purity, delivered duty-paid \$/tonne	185.0-195.0*	0%	12 Feb 19
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	12 Feb 19
MB US: Special high grade, cents/lb	8.50-9.250*	0%	12 Feb 19
BASE METALS			
	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,700.0-2,820.0*	0%	14 Feb 19
Alumina Index fob Australia	388.97*	3.13% ▲	15 Feb 19
Alumina Index fob Brazil	3.70*		14 Feb 19
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	392.67*		15 Feb 19
Aluminium			
Shanghai bonded aluminium stocks, tonnes	4,500-5,000*	0%	01 Feb 19
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	14 Feb 19
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	14 Feb 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
Germany: (VDM) Electro, €/tonne wirebar (DEL):	5,497.5-5,525.6	-0.68% ▼	13 Feb 19
cathodes:	5,410.0-5,510.0	-1.09% ▼	13 Feb 19
South Africa: Palabora copper rod 7.90mm, Rand/tonne	94,602.110	-5.77% ▼	31 Jan 19
Blister copper 98-99% spot RC cif China \$ per tonne	170-185*	0%	31 Jan 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)	7.42-7.42*	-6.08% ▼	15 Feb 19
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	74.20-74.20*	-6.08% ▼	15 Feb 19
Shanghai bonded copper stocks, tonnes	441,000-446,000*	0%	11 Feb 19
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	945-960*	0%	12 Feb 19
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	950-970*	0%	12 Feb 19
Shanghai bonded nickel stocks, tonnes	25,500-32,500*	9.43% ▲	01 Feb 19
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	27-29*	0%	12 Feb 19
Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne	48-50*	0%	12 Feb 19
Nickel sulfate min 21%, max: 22.5%; cobalt 10ppm max, China ex-works, yuan/tonne	23,800-24,200*	0%	12 Feb 19

	Price	Change	Assessed
Lead			
Germany: (VDM) virgin soft, €/tonne	1,920-1,960	-3% ▼	13 Feb 19
Lead concentrate spot treatment charge (TC) high silver CIF China, \$/tonne	30-45*	25% ▲	25 Jan 19
Lead concentrate spot treatment charge (TC) low silver CIF China, \$/tonne	5-20*	-28.57% ▼	25 Jan 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
Zinc			
Germany: (VDM) virgin, €/tonne	2,460-2,460	-3.53% ▼	13 Feb 19
UK: Special high grade, delivered monthly average price £/tonne	2,175*	-0.64% ▼	01 Feb 19
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	210-240*	2.27% ▲	25 Jan 19
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	6,100-6,400*	9.65% ▲	25 Jan 19
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	5,500-5,700*	1.82% ▲	25 Jan 19
Shanghai bonded zinc stocks, tonnes	75,000-82,000*	35.81% ▲	01 Feb 19

† week-on-week change

continued >



PRECIOUS METALS			
	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	1,415-1,515*	-0.34% ▼	15 Feb 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,480	0%	15 Feb 19
Engelhard base price: \$/troy oz	1,485	0%	15 Feb 19
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,401-1,422*	1% ▲	15 Feb 19
Engelhard base price: \$/troy oz	1,428	5.15% ▲	15 Feb 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,422	1.35% ▲	15 Feb 19
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	782-791*	-1.56% ▼	15 Feb 19
Engelhard base price: \$/troy oz	789	-4.25% ▼	15 Feb 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	791	-0.88% ▼	15 Feb 19
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	2,500-2,600*	1.19% ▲	15 Feb 19
Engelhard base price: \$/troy oz	2,625	4.37% ▲	15 Feb 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	2,600	2.97% ▲	15 Feb 19
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	240-280*	-1.89% ▼	15 Feb 19
Engelhard base price: \$/troy oz	275	0%	15 Feb 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	270	0%	15 Feb 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	7,800-8,000*	0%	15 Feb 19
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	7,700-7,900*	0%	15 Feb 19
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	48,500-49,500*	0%	13 Feb 19
Arsenic			
MB free market \$/lb	1.20-1.5*	0%	15 Feb 19
Bismuth			
MB free market \$/lb	3.70-4.20*	0%	15 Feb 19
MB China domestic, min 99.99%, yuan/tonne	49,000-51,000*	0%	15 Feb 19
Cadmium			
MB free market min 99.95% cents/lb	133-143*	0%	15 Feb 19
MB free market min 99.99% cents/lb	136-143*	1.09% ▲	15 Feb 19
Chromium			
MB free market alumino-thermic min 99% \$/tonne	8,800-9,650*	-2.64% ▼	15 Feb 19
Cobalt			
MB free market alloy-grade \$/lb	15.90-17.95*	-8.02% ▼	15 Feb 19
MB free market standard-grade \$/lb	17-19.30*	-3.07% ▼	15 Feb 19
MB high-grade, weighted average of all confirmed international trades, \$/lb	17.16*	-5.19% ▼	15 Feb 19
MB low-grade, weighted average of all confirmed international trades, \$/lb	19.30*	0.52% ▲	15 Feb 19
MB China domestic, min 99.8% yuan/tonne	297,000-325,000*	-5.04% ▼	15 Feb 19
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	210,000-230,000*	-8.33% ▼	15 Feb 19

	Price	Change	Assessed
Cobalt sulfate, Co 20.5% min, China ex-works, yuan/tonne	66,000-68,000*	-1.47% ▼	15 Feb 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*	19.35% ▲	15 Feb 19
Gallium			
MB free market \$/kg	165-190*	0%	15 Feb 19
MB China domestic, min 99.99%, yuan/kg	1,020-1,070*	0%	13 Feb 19
Germanium			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	15 Feb 19
Germanium metal \$/kg Rotterdam	1,350-1,450*	0%	15 Feb 19
Germanium metal MB China domestic, min 99.999%, yuan/kg	8,000-8,500*	0%	13 Feb 19
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950-1,050*	0%	15 Feb 19
Indium			
MB free market \$/kg	210-230*	0%	15 Feb 19
MB China domestic, min 99.99% yuan/kg	1,250-1,350*	-1.89% ▼	13 Feb 19
Magnesium			
European free market \$ per tonne	2,620-2,730*	-0.93% ▼	15 Feb 19
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,580-2,620*	1.17% ▲	15 Feb 19
MB Chinese free market min 99% Mg, ex-works yuan/tonne	16,800-17,000*	2.11% ▲	15 Feb 19
Manganese flake			
MB free market 99.7%, \$/tonne	2,050-2,150*	0%	15 Feb 19
Mercury			
MB free market \$ per flask	2,400-2,700*	0%	15 Feb 19
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	680-730*	0%	15 Feb 19
APR catalytic grade \$/kg Re	1,300-1,580*	0%	15 Feb 19
Selenium			
MB free market \$/lb	8.20-10.30*	-5.13% ▼	15 Feb 19
MB China domestic, min 99.9%, yuan/kg	180-200*	-6.17% ▼	15 Feb 19
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,860-1,940*	0%	15 Feb 19
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,800-1,860*	0%	15 Feb 19
US free market cents/lb	114-118*	-1.28% ▼	11 Feb 19
Export from mainland China min 98.5%, \$/tonne fob	1,550-1,610*	0%	15 Feb 19
Tellurium			
MB free market 99.9-99.99%, \$/kg	58-68*	-1.56% ▼	15 Feb 19
MB China domestic, min 99.99%, yuan/kg	460-480*	0%	15 Feb 19
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.20-4.80*	-1.1% ▼	13 Feb 19
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	1,045-1,350	0%	14 Feb 19
Rutile bulk conc min 95% TiO2 fob/Aus	1,000-1,100	2.44% ▲	14 Feb 19
Ilmenite concentrate, 47-49% TiO2 cif China	164-180	0%	14 Feb 19

† week-on-week change

continued >



NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	12-12.40*	8.44% ▲	15 Feb 19
US canned molybdic oxide \$/lb Mo	11.5-11.75*	4.26% ▲	14 Feb 19
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	29-29.30*	9.9% ▲	15 Feb 19
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	12.75-13.20*	5.27% ▲	14 Feb 19
Tungsten			
European free market APT \$/mtu	260-270*	0%	15 Feb 19
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	258-273*	0%	13 Feb 19
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	96,000-98,000*	0%	13 Feb 19
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	30.5-32.5*	0%	15 Feb 19
China export min 75% \$/kg W, fob China	31-32.5*	0%	13 Feb 19
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	70.5-75*	2.46% ▲	14 Feb 19
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	76-78*	-1.28% ▼	15 Feb 19
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	40-42*	-1.2% ▼	14 Feb 19
Vanadium pentoxide 98% min, fob, China \$/lb V205	16-17.20*	3.75% ▲	14 Feb 19
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V205	17-17.75*	0.72% ▲	15 Feb 19
BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	0.81*	0%	15 Feb 19
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.12*	0%	15 Feb 19
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,700-6,900*	0%	15 Feb 19
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,650-6,900*	0%	15 Feb 19
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.12*	-9.68% ▼	18 Dec 18
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si, major European destinations	0.95-1.06*	-0.99% ▼	15 Feb 19
0.10% C average 65-70% Cr	1.94-2.08*	0.25% ▲	08 Feb 19
European low carbon in-warehouse 0.06% C max - 65% Cr	1.98-2.08*	0%	08 Feb 19
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	0.98-1.11*	0%	08 Feb 19
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	0.81-0.83*	1.23% ▲	14 Feb 19
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	0.79-0.81*	2.56% ▲	14 Feb 19
US free market low carbon duty-paid fob Pittsburgh			
US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si	1.080-1.160*	-0.44% ▼	14 Feb 19
0.05% C - 65% min Cr	2.25-2.30*	0%	14 Feb 19
0.10% C - 62% min Cr	1.98-2*	0%	14 Feb 19
0.15% C - 60% min Cr	1.90-1.92*	0%	14 Feb 19

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	162*	0.62% ▲	15 Feb 19
Turkish lumpy 40-42% cfr main Chinese ports	215-225*	0%	15 Feb 19
Chrome Ore inventories at the main ports of Tianjin, Qin Zhou, Lianyungang and Shanghai, million tonnes	2.47-2.51*	0.2%	04 Feb 19
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,030-1,060*	-1.88% ▼	15 Feb 19
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,300-1,350*	0.95% ▲	14 Feb 19
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.13-1.15*	0.44% ▲	14 Feb 19
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	6,700-6,800*	1.5%	15 Feb 19
Manganese ore			
44% Mn index, cif Tianjin \$/dmu of metal contained	6.53*	1.56% ▲	15 Feb 19
37% Mn index, fob Port Elizabeth \$/dmu of metal contained	5.54*	5.12% ▲	15 Feb 19
37% Mn index, cif Tianjin \$/dmu of metal contained	6.10*	4.81% ▲	15 Feb 19
Inventories at the main ports of Tianjin and Qin Zhou, million tonnes	3-3.14*	10.83% ▲	13 Feb 19
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-250--120*	0%	28 Jan 19
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata), major European destinations, €/tonne	1,160-1,210*	0%	15 Feb 19
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1-1.03*	0%	14 Feb 19
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,160-1,180*	1.3%	15 Feb 19
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,200-6,500*	2.42% ▲	15 Feb 19
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata), major European destinations, €/tonne	980-1,030*	-1.95% ▼	15 Feb 19
US free market \$/lb in-warehouse Pittsburgh	0.62-0.64*	0%	14 Feb 19
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	7,300-7,500*	0%	15 Feb 19
65% min Mn 16% min Si \$/tonne fob India	1,010-1,030*	0%	15 Feb 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	500-505*	0%	13 Feb 19
Wire rod (mesh quality)	520-530*	0%	13 Feb 19
Plate (8-40mm)	560-570*	0%	13 Feb 19
Hot rolled coil	490-500*	2.06% ▲	13 Feb 19
Cold rolled coil	570-590*	-0.85% ▼	13 Feb 19
Hot-dip galvanized coil	590-600*	0%	13 Feb 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	470-500*	0%	13 Feb 19
Wire rod (mesh quality)	520-530*	0%	13 Feb 19
Plate (8-40mm)	540-550*	0%	13 Feb 19
Hot rolled coil	460-470*	0%	13 Feb 19
Cold rolled coil	550-570*	0.9% ▲	13 Feb 19
Hot-dip galvanized coil	580-590*	0%	13 Feb 19
Southern Europe exports			
<i>Fastmarkets MB's assessment of Southern Europe mills' prices for export outside Southern Europe of commercial-quality carbon steel, € per tonne fob main Southern European port</i>			
Rebar	460-490*	0%	13 Feb 19
Wire rod (mesh quality)	490-510*	0%	13 Feb 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	535-550*	0.46% ▲	13 Feb 19
Wire rod (mesh quality)	530-550*	0%	13 Feb 19
Sections (medium)	630-640*	0%	13 Feb 19
Beams	610-630*	-1.59% ▼	13 Feb 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	510-520*	0%	13 Feb 19
Wire rod (mesh quality)	530-550*	0%	13 Feb 19
Sections (medium)	620-640*	0%	13 Feb 19
Beams	615-635*	-1.57% ▼	13 Feb 19
Central Europe domestic € per tonne ex-works			
Hot rolled coil	490-500*	0.51% ▲	13 Feb 19
Poland domestic zloty per tonne ex-works			
Rebar	2,200-2,310*	1.81% ▲	15 Feb 19
Northern Europe € per tonne ex-works			
Plate (8-40mm)	570-600*	1.74% ▲	13 Feb 19
Hot rolled coil	510-520*	0%	13 Feb 19
Cold rolled coil	600-620*	0%	13 Feb 19
Hot-dip galvanized coil	610-630*	0%	13 Feb 19
Southern Europe € per tonne ex-works			
Plate (8-40mm)	540-550*	1.87% ▲	13 Feb 19
Hot rolled coil	470-510*	5.38% ▲	13 Feb 19
Cold rolled coil	550-580*	0.89% ▲	13 Feb 19
Hot-dip galvanized coil	560-580*	0.88% ▲	13 Feb 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	466*	3.56% ▲	15 Feb 19
Slab	460-460*	6.98% ▲	11 Feb 19
Rebar	475-480*	4.37% ▲	11 Feb 19
Wire rod (mesh)	490-500*	2.59% ▲	11 Feb 19
Heavy plate (10-50mm)	590-595*	7.24% ▲	11 Feb 19
Hot rolled coil	500-510*	7.45% ▲	11 Feb 19
Cold rolled coil	560-565*	4.65% ▲	11 Feb 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	33,700-33,800*	0%	11 Feb 19
Hot rolled sheet	41,200-41,600*	4.55% ▲	11 Feb 19
Cold rolled sheet	48,500-48,700*	3.96% ▲	11 Feb 19
Plate	41,000-43,500*	2.67% ▲	11 Feb 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	470-480*	5.56% ▲	14 Feb 19
Rebar	490-510*	1.01% ▲	14 Feb 19
Wire rod (mesh quality)	520-530*	0%	14 Feb 19
Merchant bars	550-560*	1.83% ▲	14 Feb 19
Structural pipe	630-640*	10.43% ▲	13 Feb 19
Hot rolled coil	560-570*	5.12% ▲	15 Feb 19
Hot dip galvanized	740-750*	4.2% ▲	15 Feb 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	480-490*	5.43% ▲	14 Feb 19
Hot rolled coil	565-570*	4.13% ▲	15 Feb 19
Cold rolled coil	650-650*	2.36% ▲	15 Feb 19
Hot dip galvanized	750-780*	5.52% ▲	15 Feb 19
Prepainted galvanized	830-860*	6.29% ▲	15 Feb 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	3,180-3,250*	3.23% ▲	14 Feb 19
Wire rod (mesh quality)	3,350-3,450*	5.33% ▲	14 Feb 19
Turkish imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	475-480*	3.24% ▲	14 Feb 19
Hot rolled coil	530-540*	0%	15 Feb 19
Cold rolled coil	575-580*	0%	15 Feb 19
UAE imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	500-510*	10.38% ▲	12 Feb 19
Rebar	555-560*	8.78% ▲	12 Feb 19
Hot rolled coil	510-530*	0%	12 Feb 19
Cold rolled coil	600-610*	0%	12 Feb 19
Hot dip galvanized coil	645-750*	0%	12 Feb 19
Saudi Arabia imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Hot rolled coil	540-545*	0%	12 Feb 19

† week-on-week change

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	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	2,000-2,007*	8.89% ▲	12 Feb 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	400-410*	9.46% ▲	13 Feb 19
Slab	400-400*	11.11% ▲	13 Feb 19
Egyptian domestic			
<i>Fastmarkets MB's assessment of prices within Egypt for commercial-quality carbon steel of Egyptian origin, EE per tonne ex-works</i>			
Rebar	11,830-11,850*	0%	14 Feb 19
Egyptian import			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	485-495*	5.38% ▲	14 Feb 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	420-430*	3.03% ▲	15 Feb 19
Slab, Brazil	460-510*	8.99% ▲	15 Feb 19
Rebar	560-565*	0%	15 Feb 19
Wire rod mesh quality	560-580*	0%	15 Feb 19
Heavy plate over 10mm	580-590*	0%	15 Feb 19
Hot rolled coil (dry)	510-520*	0%	15 Feb 19
Cold rolled coil	590-600*	0%	15 Feb 19
Galvanized coil	800-810*	0%	15 Feb 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	535-550*	0%	08 Feb 19
Hot rolled coil	525-540*	0%	08 Feb 19
Cold rolled coil	560-575*	0%	08 Feb 19
Galvanized coil	590-600*	0%	08 Feb 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	750-755*	0%	08 Feb 19
Cold rolled coil	850-860*	0%	08 Feb 19
Galvanized coil	1,090-1,170*	0%	08 Feb 19
Rebar	850-860*	0%	08 Feb 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	2,470-2,650*	-3.4% ▼	01 Feb 19
Cold rolled coil	2,745-2,850*	-3.03% ▼	01 Feb 19
Hot dip galvanized coil	3,250-3,310*	0%	01 Feb 19
<i>Fastmarkets MB's assessment of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,620-2,800*	-4.24% ▼	01 Feb 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	650-690*	0%	06 Feb 19
Merchant bars	760-780*	-1.91% ▼	25 Jan 19

	Price	Change	Assessed
Wire rod (low carbon)	744-762*	0%	15 Jan 19
Medium sections	780-820*	0%	24 Jan 19
Medium plate	840-900*	-2.25% ▼	06 Feb 19
Hot rolled coil (commodity)	640-680*	-0.75% ▼	06 Feb 19
Cold rolled coil	760-790*	-0.64% ▼	06 Feb 19
Hot dipped galvanized 0.012-0.015, G30	960-1,000*	0%	06 Feb 19
ERW linepipe (X42)	1,150-1,270*	1.68% ▲	29 Jan 19
OCTG API5CT - casing J55	1,085-1,150*	1.13% ▲	29 Jan 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)	700-720*	0%	06 Feb 19
Plate (fob mill)	960-960*	0%	08 Feb 19
Hot rolled sheet Midwest index (fob mill)	684-684*	-0.06% ▼	14 Feb 19
Cold rolled sheet (fob mill)	820-820*	1.23% ▲	14 Feb 19
Hot-dip galvanized (base) Midwest (fob mill)	800-800*	0%	14 Feb 19
OCTG API5CT - casing J55 (fob mill)	1,200-1,285*	0%	29 Jan 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*	-2.6% ▼	25 Jan 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	511-511*	4.07% ▲	15 Feb 19
Wire rod (mesh quality)	530-535*	7.58% ▲	12 Feb 19
Heavy plate	520-540*	2.42% ▲	12 Feb 19
Hot rolled coil index	521-521*	4.7% ▲	15 Feb 19
Cold rolled coil	530-540*	2.39% ▲	12 Feb 19
Galvanized coil 1mm	570-585*	5% ▲	12 Feb 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	3,700-3,750*	-0.13% ▼	15 Feb 19
Wire rod (mesh)	3,750-3,850*	0.66% ▲	15 Feb 19
Sections	3,800-3,850*	1.32% ▲	15 Feb 19
Plate	3,840-3,940*	1.17% ▲	15 Feb 19
Hot rolled coil (min 2mm)	3,710-3,730*	-1.85% ▼	15 Feb 19
Cold rolled coil (0.5 - 2 mm)	4,210-4,230*	0.48% ▲	15 Feb 19
Hot-dip galvanized coil	4,400-4,440*	1.61% ▲	15 Feb 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	3,440-3,440*	0.29% ▲	15 Feb 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	3,680-3,730*	0%	15 Feb 19
Rebar	3,790-3,860*	2.82% ▲	15 Feb 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	4,050-4,150*	1.23% ▲	15 Feb 19
Wire rod (mesh)	3,950-4,050*	3.23% ▲	15 Feb 19
Sections	3,980-4,030*	0.75% ▲	15 Feb 19
Plate	4,010-4,070*	1.25% ▲	15 Feb 19
Hot rolled coil (min 2mm)	3,790-3,820*	0%	15 Feb 19
Cold rolled coil (0.5 - 2 mm)	4,280-4,330*	0.94% ▲	15 Feb 19
Hot-dip galvanized coil	4,540-4,550*	2.36% ▲	15 Feb 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	475-485*	3.78% ▲	15 Feb 19
Slab (Asia/East Asia)	445-460*	3.43% ▲	11 Feb 19
Hot rolled coil (Vietnam)	500-510*	0%	11 Feb 19
Rebar (Singapore)	460-460*	0%	11 Feb 19
Wire rod (low carbon)	510-515*	0%	11 Feb 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	410-415*	0%	15 Feb 19
Plate (12-40mm)	550-560*	14.43% ▲	15 Feb 19
Hot rolled coil (commodity)	520-525*	3.47% ▲	15 Feb 19
Hot-dip galvanized coil	700-710*	5.22% ▲	15 Feb 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)	525-535*	0%	15 Feb 19
Hot rolled coil (commodity)	480-485*	-6.76% ▼	15 Feb 19
Hot rolled coil (CR grade)	520-525*	0%	15 Feb 19
Cold rolled coil	595-600*	0%	15 Feb 19
Indian domestic			
<i>Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	34,300-34,500*	1.47% ▲	15 Feb 19
Heavy plate	40,500-41,000*	0%	15 Feb 19
Hot rolled coil	39,500-40,000*	0%	15 Feb 19
Cold rolled coil	45,500-46,000*	0%	15 Feb 19
DRI	22,200-22,400*	2.76% ▲	15 Feb 19
Hot-dip galvanized coil	49,000-49,500*	0%	15 Feb 19
Rebar	37,300-37,500*	2.75% ▲	15 Feb 19
STEELBENCHMARKER™ PRICES			
	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	1,100	-0.9% ▼	11 Feb 19
Standard plate (\$/short ton)	998	-0.89% ▼	11 Feb 19
Hot rolled coil (\$/metric tonne)	773	1.18% ▲	11 Feb 19
Hot rolled coil (\$/short ton)	701	1.15% ▲	11 Feb 19
Cold rolled coil (\$/metric tonne)	909	0.33% ▲	11 Feb 19
Cold rolled coil (\$/short ton)	824	0.24% ▲	11 Feb 19
Region: Mainland China			
Rebar	489	1.88% ▲	11 Feb 19
Standard plate	490	1.45% ▲	11 Feb 19
Hot rolled coil	474	1.5% ▲	11 Feb 19
Cold rolled coil	539	0.56% ▲	11 Feb 19
Region: World export market			
Hot rolled coil (\$/metric tonne)	515	3.41% ▲	11 Feb 19
STAINLESS STEEL			
	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	1,980-2,080*	3.31% ▲	13 Feb 19
Grade 304 hot rolled coil	1,890-1,980*	5.45% ▲	13 Feb 19
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,600-15,000*	2.07% ▲	13 Feb 19
Grade 430 2mm CR coil	8,100-8,150*	0%	13 Feb 19

	Price	Change	Assessed
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N.Europe Base price	925-985*	0%	15 Feb 19
Alloy surcharge	1,190-1,235*	0%	15 Feb 19
N.Europe transaction	2,050-2,100*	0.24% ▲	15 Feb 19
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,270-1,320*	0%	15 Feb 19
Alloy surcharge	1,845-1,905*	0%	15 Feb 19
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,050*	0%	15 Feb 19
Alloy surcharge	1,460-1,512*	0%	15 Feb 19
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	105-105*	0.48% ▲	11 Feb 19
Grade 316 coiled plate	151-151*	-0.66% ▼	11 Feb 19
Grade 304 cold rolled sheet	118-118*	-0.84% ▼	11 Feb 19
Grade 316L cold rolled sheet	160-160*	-0.62% ▼	11 Feb 19
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,278.75*	5.51% ▲	11 Feb 19
IRON ORE			
	Price	Change [†]	Assessed
65% Fe Brazilian Index CFR Qingdao (MBIOI-65-BZ-Index) \$/tonne	100.5*	-2.71% ▼	15 Feb 19
Lump premium CFR Qingdao (MBIOI-LP Index) cents per dmtu	33*	-14.29% ▼	15 Feb 19
Iron ore index (62% Fe)	88.16*	3.07% ▲	15 Feb 19
Iron ore index (62% LA)	88.96*	1.88% ▲	15 Feb 19
58% Fe Iron Ore Index (MBIOI-58) CFR Qingdao on a 58% Fe basis Daily Price \$/dry metric tonne	69.68*	9.32% ▲	15 Feb 19
High grade Premium (MBIOI-58P) CFR Qingdao on a 58% basis low alumina, low phosphorous Daily Price \$/dry metric tonne	11.5*	-23.33% ▼	15 Feb 19
Iron Ore Implied 58% Fe high specification price	81.18*	3.1% ▲	15 Feb 19
Iron Ore product differential - PBF delivered Qingdao, China CFR \$/tonne	-0.61*	-172.62% ▼	15 Feb 19
Iron ore 62% Fe Pilbara Blend Fines (MBIOI-PBF) \$/tonne	87.55*	1.37% ▲	15 Feb 19
Iron Ore 62% Fe China port price index	656*	6.32% ▲	15 Feb 19
Implied 62% Fe China Port Price \$ per tonne	86.40*	6.23% ▲	15 Feb 19
Iron ore pellet index cfr Qingdao (65% Fe)	141.75*	5.83% ▲	15 Feb 19
Iron ore concentrate index cfr Qingdao (66% Fe)	104.33*	-0.79% ▼	15 Feb 19
Iron ore implied pellet premium CFR Qingdao US\$/tonne	53.36*	2.83% ▲	15 Feb 19
Iron ore DR-grade pellet premium index Middle East reference, \$/dmt	76*	-1.94% ▼	31 Jan 19
Metal Bulletin Indicator for US\$/% Al MBIOI Al-VIU cfr Qingdao Monthly indicator	-4.32*	-26.03% ▼	01 Feb 19
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.28*	28% ▲	01 Feb 19
Iron Ore Fines 65% Fe, % Fe value in use cfr Qingdao \$/dry metric tonne	1.54*	2.67% ▲	01 Feb 19
Metal Bulletin Indicator for US\$/% Si MBIOI Si-VIU cfr Qingdao Monthly indicator	-1.49*	148.33% ▲	01 Feb 19
Iron Ore Fines 62% Fe, 0.01% Phosphorous value in use MBIOI Phos-VIU cfr Qingdao US cent per dry metric tonne	-0.68*	-6.85% ▼	01 Feb 19

† week-on-week change

continued >



COKING COAL			
\$ per metric tonne			
	Price	Change†	Assessed
Premium hard coking coal index cfr China	202.80*	-1.35%	▼ 15 Feb 19
Hard coking coal index cfr China	186.57*	0.02%	▲ 15 Feb 19
Premium hard coking coal index fob Australia	206.23*	1.36%	▲ 15 Feb 19
Hard coking coal index fob Australia	179.5*	0%	15 Feb 19
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,450-1,800*	0%	15 Feb 19
65% CSR coke \$/tonne fob China	340-350*	0%	12 Feb 19
Low Vol PCI Index \$ per dry metric tonne cfr Jingtang	138.74*	1.54%	▲ 15 Feb 19
Low Vol PCI Index \$ per dry metric tonne fob DBCT	131.57*	-0.04%	▼ 15 Feb 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	160-185*	13.11%	▲ 13 Feb 19
1&2 old steel	140-165*	15.09%	▲ 13 Feb 19
12A/C new production heavy and shovellable steel	185-210*	11.27%	▲ 13 Feb 19
12D new production heavy and shovellable steel	190-215*	10.96%	▲ 13 Feb 19
Bales and cuttings			
4A new steel bales	190-215*	10.96%	▲ 13 Feb 19
4C new steel bales	180-205*	11.59%	▲ 13 Feb 19
8A new loose light cuttings	175-205*	11.76%	▲ 13 Feb 19
8B new loose light cuttings	160-190*	12.9%	▲ 13 Feb 19
Turnings			
UK inter-merchant 7B heavy steel turnings	120-140*	18.18%	▲ 13 Feb 19
Cast iron			
9A/10 heavy and light cast iron	140-165*	15.09%	▲ 13 Feb 19
9B/C cylinder block scrap	160-185*	13.11%	▲ 13 Feb 19
11A cast iron borings	85-105*	35.71%	▲ 13 Feb 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	90-115*	10.81%	▲ 15 Feb 19
UK ferrous scrap export			
<i>Fastmarkets MB's assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	302-304*	-0.49%	▼ 15 Feb 19
Shredded	307-309*	-2.38%	▼ 15 Feb 19
Indian imports			
<i>Fastmarkets MB's assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	345.5*	0.83%	▲ 15 Feb 19
HMS 1&2 (80:20 mix)	300-325*	0%	15 Feb 19
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	800-840*	0%	15 Feb 19
18/8 turnings	680-715*	0%	15 Feb 19
316 solids	1,220-1,270*	0%	15 Feb 19
316 turnings	1,035-1,080*	0%	15 Feb 19
12-13% Cr solids	190-220*	0%	15 Feb 19
16-17% Cr solids	240-260*	0%	15 Feb 19

	Price	Change	Assessed
Cif Europe stainless € per tonne			
18/8 solids	1,000-1,040*	-0.49%	▼ 15 Feb 19
18/8 turnings	890-935*	-1.08%	▼ 15 Feb 19
316 solids	1,440-1,450*	-1.53%	▼ 15 Feb 19
316 turnings	1,295-1,305*	-1.33%	▼ 15 Feb 19
Rotterdam export			
<i>Fastmarkets MB's assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	305.35*	2.12%	▲ 15 Feb 19
HMS 1&2 (75:25 mix)	291-293*	0%	15 Feb 19
Shredded	301-303*	-3.97%	▼ 15 Feb 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)	324.29*	-0.13%	▼ 15 Feb 19
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	332.75*	-0.13%	▼ 15 Feb 19
HMS 1&2 (75:25 mix)	310-312*	0.65%	▲ 15 Feb 19
Shredded	330-332*	-0.15%	▼ 15 Feb 19
Turkish domestic			
<i>Fastmarkets MB's assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	325-335*	4.76%	▲ 11 Feb 19
Auto bundle scrap (Turkish lira/tonne)	1,660-1,810*	5.63%	▲ 11 Feb 19
USA export			
<i>Fastmarket AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	315*	6.42%	▲ 13 Feb 19
Shredded	320*	6.31%	▲ 13 Feb 19
USA domestic			
<i>Fastmarkets AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	294.10*	0.12%	▲ 11 Feb 19
No1 busheling	352.06*	-5.39%	▼ 11 Feb 19
Shredded	320.5*	0.02%	▲ 11 Feb 19
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,650-2,780*	0%	15 Feb 19
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	300-305*	10%	▲ 15 Feb 19
Vietnam import			
<i>\$/tonne cfr southern Vietnam</i>			
HMS 1&2	340-345*	6.2%	▲ 15 Feb 19
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	244.10	-6.3%	▼ 01 Jan 19
No E1 (old steel scrap)	209.20	-8.17%	▼ 01 Jan 19
No E3 (old thick steel scrap)	238	-6.89%	▼ 01 Jan 19
No E40 (shredded steel scrap)	239.60	-7.85%	▼ 01 Jan 19
No E5 (steel turnings)	191	-8.31%	▼ 01 Jan 19
<i>Fastmarkets MB's assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	270-290	7.69%	▲ 15 Feb 19
No E8 (thin new production steel scrap)	275-290	6.6%	▲ 15 Feb 19
No E3 (old thick scrap)	265-285	6.8%	▲ 15 Feb 19
Italy domestic			
<i>Fastmarkets MB's assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	270	3.7%	▲ 15 Feb 19
No E8 (thin new production steel)	280	2.7%	▲ 15 Feb 19

† week-on-week change

continued >



SCRAP SUBSTITUTES			
	Price	Change†	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	355-360*	1.42% ▲	14 Feb 19
Hot-briquetted iron cfr Italian ports	265-275*	0%	14 Feb 19
Brazil exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	200-203*	0%	15 Feb 19
Pig iron fob Vitoria/Rio Brazil	340-340*	6.08% ▲	15 Feb 19
Pig iron fob Ponta da Maderia Brazil	347-362*	3.65% ▲	15 Feb 19
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	355-360*	0.7% ▲	15 Feb 19
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	375-375*	1.35% ▲	14 Feb 19
Pig iron Black Sea	335-340*	2.27% ▲	14 Feb 19
NON-FERROUS SCRAP EUROPE			
	Price	Change†	Assessed
Aluminium			
European free market Fastmarkets MB assessment €/tonne			
Floated frag	1,060-1,105*	0%	15 Feb 19
Cast	960-1,000*	0%	15 Feb 19
Mixed turnings 6%	820-870*	0%	15 Feb 19
Germany per 1000kg			
Pure cuttings	1,240-1,340	-2.27% ▼	13 Feb 19
Commercial cast	1,020-1,130	0%	13 Feb 19
H9 extrusions	1,570-1,700	-0.91% ▼	13 Feb 19
Alloy turnings	720-860	0%	13 Feb 19
<i>Source: VDM</i>			
France per 1000kg			
Pure cuttings	1,460-1,500	-1.99% ▼	12 Feb 19
Old rolled	580-650	-3.15% ▼	12 Feb 19
Commercial cast	560-650	-3.2% ▼	12 Feb 19
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,085-1,115	0%	08 Feb 19
Old mixed scrap	1,495-1,530	0%	08 Feb 19
Commercial cast	935-975	0.26% ▲	08 Feb 19
<i>Source: Assomet</i>			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,120-5,300	-1.14% ▼	13 Feb 19
Heavy copper	4,750-4,970	-0.92% ▼	13 Feb 19
Heavy brass	3,320-3,510	-1.44% ▼	13 Feb 19
Brass turnings (MS 58)	3,630-3,700	-2.14% ▼	13 Feb 19
Brass sheet (MS 63)	3,830-3,930	-0.89% ▼	13 Feb 19
<i>Source: Verein Deutscher Metallhandler</i>			
France per 1000kg			
Electro cuttings	4,950-4,960	-0.2% ▼	12 Feb 19
No 1 bright wire	4,780-4,800	-0.42% ▼	12 Feb 19
Mixed (96%)	4,450-4,480	-0.22% ▼	12 Feb 19
Brass plate cuttings 70/30	3,700-3,740	0%	12 Feb 19
Brass turnings	3,200-3,250	0%	12 Feb 19
Mixed brass	3,000-3,120	-0.49% ▼	12 Feb 19
<i>Source: Lettre d'Information Metaux</i>			

	Price	Change	Assessed
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,110-5,270	1.47% ▲	08 Feb 19
Enamelled wire EN 12861-S-Cu-3	4,988-5,150	1.5% ▲	08 Feb 19
New from tubes, strips etc EN 12861-S-Cu-4	5,012-5,240	1.48% ▲	08 Feb 19
Old from tubes, strips etc 12861-S-Cu-7	4,840-5,010	1.55% ▲	08 Feb 19
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,040-4,155	0.74% ▲	08 Feb 19
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,275-3,605	0.88% ▲	08 Feb 19
Several 95% m/m 12861-S-Cu-Zn-7	3,325-3,405	0.9% ▲	08 Feb 19

Source: Assomet

STEELBENCHMARKER™ SCRAP PRICES			
	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	322	0.94% ▲	11 Feb 19
Shredded scrap (\$/gross ton)**	327	0.93% ▲	11 Feb 19
No 1 heavy melting scrap (\$/metric tonne)	297	1.02% ▲	11 Feb 19
No 1 heavy melting scrap (\$/gross ton)	302	1% ▲	11 Feb 19
No 1 busheling scrap (\$/metric tonne)	352	-2.22% ▼	11 Feb 19
No 1 busheling scrap (\$/gross ton)	358	-2.19% ▼	11 Feb 19
**For shredded scrap the region is for all but the West Coast			

UK NON-FERROUS SCRAP			
	Price	Change†	Assessed
Aluminium - actual price			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	1,340-1,390*	0%	13 Feb 19
Commercial pure cuttings	1,010-1,050*	-0.48% ▼	13 Feb 19
Clean HE9 extrusions	1,340-1,380*	0%	13 Feb 19
Loose old rolled cuttings	700-730*	0%	13 Feb 19
Baled old rolled	780-800*	0%	13 Feb 19
Commercial cast	790-820*	0%	13 Feb 19
Cast wheels	1,190-1,225*	0%	13 Feb 19
Commercial turnings	585-615*	0%	13 Feb 19
Group 7 turnings	480-500*	0%	13 Feb 19
Fastmarkets MB and LME aluminium scrap discounts			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	44-94*	-5.48% ▼	13 Feb 19
Commercial pure cuttings	384-424*	0.25% ▲	13 Feb 19
Clean HE9 extrusions	54-94*	-5.13% ▼	13 Feb 19
Loose old rolled cuttings	477-507*	0.82% ▲	13 Feb 19
Baled old rolled	407-427*	0.97% ▲	13 Feb 19
Commercial cast	387-417*	1.01% ▲	13 Feb 19
Cast wheels	-18-17*	-88.89% ▼	13 Feb 19
Commercial turnings	592-622*	0.66% ▲	13 Feb 19
Group 7 turnings	707-727*	0.56% ▲	13 Feb 19
Titanium			
<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.90-1*	0%	13 Feb 19
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.85-0.90*	0%	13 Feb 19
Copper scrap discount			
<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	24-30*	-10% ▼	28 Jan 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	1,420-1,485*	0%	13 Feb 19
LM6/LM25 gravity diecasting ingot	1,710-1,790*	-0.85% ▼	13 Feb 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	1,520-1,580*	-0.64% ▼	15 Feb 19
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.84-0.85*	0%	14 Feb 19
AFFIMET €/tonne			
AS12	3,499	-3.32% ▼	01 Feb 19
AS12 UN	2,645	1.54% ▲	01 Feb 19
AS9 U3	2,020	2.02% ▲	01 Feb 19
AS5 U3	2,370	1.72% ▲	01 Feb 19
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,210-2,310	-0.88% ▼	13 Feb 19
DIN 231	2,290-2,390	-0.85% ▼	13 Feb 19
DIN 311	2,270-2,370	-0.85% ▼	13 Feb 19
Aluminium bronze £/tonne UK			
AB1 ex-works	4,920	0.41% ▲	12 Feb 19
AB2 ex-works	4,970	0.4% ▲	12 Feb 19
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,160	0.24% ▲	12 Feb 19
High tensile HTB1 ex-works	4,370	0.23% ▲	12 Feb 19
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,790	0.42% ▲	12 Feb 19
LG4 87/7/3/3 ex-works	5,640	0.36% ▲	12 Feb 19
G1 1.15 PB ex-works	6,260	0.32% ▲	12 Feb 19
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,940	0.29% ▲	12 Feb 19
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,000	0%	12 Feb 19
15% P ex-works	6,050	0%	12 Feb 19
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,682	5.18% ▲	01 Feb 19
Brock Metal ZL5	2,710	5.41% ▲	01 Feb 19



Monthly averages: January

BASE METALS			
		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		64.77	73.41
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		116.88	129.38
Alumina			
Index fob Australia		381.69	
Copper			
US High-grade cathode premium indicator, \$/tonne		154.32	165.35
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	182.5	242.5
	4x4 cathodes	450	500
	Briquettes	235	265
US	Melting \$/lb	0.25	0.38
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		442.5	490
Spot premium 99.85%, \$/tonne		275	300
Kuala Lumpur (ex-smelter), \$/tonne		20,359.52	
MINOR METALS			
Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		7,844.44	8,044.44
MMTA Standard grade II, \$/tonne		7,700	7,900
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		3.46	3.92
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		119.78	130.89
min 99.99%, in warehouse cents/lb		125.56	136.56
Cobalt			
MB free market			
Alloy Grade, in warehouse, \$/lb		21.80	23.87
Standard Grade, in warehouse, \$/lb		22.31	24.12
Germanium			
Dioxide, MB free market min 99.99%, \$/kg		950	1,150
Metal, Rotterdam, \$/kg		1,327.78	1,450
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		222.22	241.11
Magnesium			
MB free market min 99.8%, \$/tonne		2,675	2,762.5
China free market min 99.8%, \$/tonne		2,537.5	2,582.5
Mercury			
MB free market min 99.99%, in warehouse, \$/flask		2,400	2,700

	Low	High
Selenium		
MB free market min 99.5% in warehouse, \$/lb	10.91	12.64
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,855	1,935
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.32	4.82
ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdioxide \$/lb Mo	11.16	11.32
US canned molybdic oxide \$/lb Mo	11.40	11.58
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	26.39	26.83
Tungsten		
European free market APT, \$/mtu	262.5	272.5
Ferro-tungsten		
basis 75% W min, \$/kg	30.69	32.5
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	15.94	16.63
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	75.43	77.61
US Free market 70-80%, \$/lb	40.70	43.92
PRECIOUS METALS		
Gold		
London \$/troy oz	Morning	1,291.63
	Afternoon	1,291.75
London £/troy oz	Morning	1,002.40
	Afternoon	1,002.04
\$/troy oz	Handy/Harman	1,291.75
Palladium		
Morning \$/troy oz		1,331.14
Afternoon \$/troy oz		1,331.32
Platinum: per troy oz		
Morning \$/troy oz		807.91
Afternoon \$/troy oz		806.77
Rhodium		
European free market in 99.9% in-warehouse, \$/troy oz	2,416.82	2,516.82
Silver		
London		
spot pence/troy oz		1,209.68
spot cents/troy oz		1,559.02
Handy/Harman cents/troy oz		1,562.42

† week-on-week change

continued >



FOUNDRY INGOTS			
	Low	High	
Aluminium			
LM24, £/tonne	1,405	1,455	
LM6/LM25, £/tonne	1,694	1,770	
Aluminium Europe €/tonne	1,555	1,602.5	
Phosphor Bronze			
PB1 ex-works, £/tonne	6,835		
Zinc Alloy			
ZL3, £/tonne	2,550		
EXCHANGE RATES (CLOSING RATES)			
\$/£	1.29		
\$/yen	108.92		
\$/€	1.14		
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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 January (22 days)			
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.			
	Jan 2019 Low \$	High \$	January average \$
Aluminium (\$)			
Cash	1,775.25	1,880.25	1,845.51
3 months	1,813.5	1,903.5	1,861.06
Settlement	1,775.5	1,880.5	1,845.89
3 months seller	1,814	1,904	1,861.55
Copper Grade A (\$)			
Cash	5,810.75	6,147	5,931.58
3 months	5,836	6,167	5,957.88
Settlement	5,811	6,148	5,932.02
3 months seller	5,837	6,167.5	5,958.91
Copper Grade A (£)			
Settlement	4,508.36	4,683.48	4,603.04
3 months seller	4,506.43	4,676.25	4,602.96
Lead (\$)			
Cash	1,934	2,107.25	1,993.73
3 months	1,949	2,113.25	2,004.94
Settlement	1,934.5	2,107.5	1,994.16
3 months seller	1,950	2,113.5	2,005.80
Lead (£)			
Settlement	1,509.14	1,603.15	1,547.10
3 months seller	1,513.07	1,600.29	1,549.10
Nickel (\$)			
Cash	10,437.5	12,377.5	11,451.93
3 months	10,527.5	12,425	11,511.82
Settlement	10,440	12,380	11,454.55
3 months seller	10,530	12,450	11,517.05
Tin (\$)			
Cash	19,495	21,052.5	20,471.02
3 months	19,472.5	20,905	20,360.34
Settlement	19,500	21,055	20,480
3 months seller	19,475	20,910	20,371.59

	Jan 2019 Low \$	High \$	January average \$
Zinc (\$)			
Cash	2,461	2,719.25	2,558.49
3 months	2,395.5	2,707.25	2,537.66
Settlement	2,462	2,719.5	2,559.18
3 months seller	2,396	2,707.5	2,538.11
Cobalt (\$)			
Cash	33,500	46,000	38,409.09
3 months	33,500	50,000	38,818.18
Settlement	34,000	47,000	39,340.91
3 months seller	34,000	51,000	39,772.73
Molybdenum (\$)			
Cash	25,000	25,000	25,000
3 months	25,000	25,000	25,000
Settlement	26,000	26,000	26,000
3 months seller	26,000	26,000	26,000
Aluminium Alloy (\$)			
Cash	1,377.5	1,467.5	1,419.81
3 months	1,412.5	1,500	1,450.45
Settlement	1,385	1,470	1,423.48
3 months seller	1,420	1,510	1,455.91
Nasaa (\$)			
Cash	1,327.5	1,441	1,371.26
3 months	1,375	1,475	1,409.89
Settlement	1,330	1,448	1,376.39
3 months seller	1,380	1,485	1,417.73
LME SETTLEMENT CONVERSION RATES			
\$/£	1.29		
\$/yen	108.92		
\$/€	1.14		