



Prices

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NEW YORK FUTURES				
	Price	Change [†]		Assessed
Comex: Copper high grade cents/lb				
Settlement	290	0.4%	▲	21 Mar 19
Open interest	255,284	-1.35%	▼	20 Mar 19
Stocks (short ton)	47,614	-4.6%	▼	20 Mar 19
Comex: Gold \$/troy oz				
Settlement	1,306.10	0.98%	▲	21 Mar 19
Open interest	516,116	-3.24%	▼	20 Mar 19
Stocks (troy oz)	8,037,536	0.02%	▲	20 Mar 19
Nymex: Palladium \$/troy oz				
Settlement	1,578.30	3.04%	▲	21 Mar 19
Stocks (troy oz)	42,583	0%		20 Mar 19
Nymex: Platinum \$/troy oz				
Settlement	861.10	4.11%	▲	21 Mar 19
Stocks (troy oz)	172,781	0%		20 Mar 19
Comex: Silver cents/troy oz				
Settlement	1,537.20	1.79%	▲	21 Mar 19
Open interest	190,335	1.1%	▲	20 Mar 19
SHANGHAI FUTURES				
	Price	Change [†]		Assessed
Aluminium yuan/tonne	13,710	-0.76%	▼	22 Mar 19
Copper yuan/tonne	48,800	-2.79%	▼	22 Mar 19
Nickel cathode yuan/tonne	100,170	-1.89%	▼	22 Mar 19
Tin ingot yuan/tonne	148,590	-0.95%	▼	22 Mar 19
Zinc yuan/tonne	22,100	-0.9%	▼	22 Mar 19
Steel rebar month 1 yuan/tonne	3,778	-1.54%	▼	22 Mar 19
Steel rebar month 2 yuan/tonne	3,761	-0.92%	▼	22 Mar 19
Steel rebar month 3 yuan/tonne	3,689	-2.02%	▼	22 Mar 19
Weekly stocks deliverable				
Aluminium (tonnes)	741,757	0.37%	▲	22 Mar 19
Copper (tonnes)	259,172	-2.05%	▼	22 Mar 19
Nickel cathode (tonnes)	11,897	-2.62%	▼	22 Mar 19
Tin ingot (tonnes)	8,418	0.36%	▲	22 Mar 19
Zinc (tonnes)	115,974	-6.5%	▼	22 Mar 19
Steel rebar (tonnes)	38,324	-1.52%	▼	22 Mar 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	1,866.5-1,867	-0.04%	▼	22 Mar 19
Cash unofficial	1,883.5-1,885.5	0.21%	▲	21 Mar 19
3 months official	1,893-1,893.5	0.12%	▲	22 Mar 19
3 months unofficial	1,907-1,909	0.1%	▲	21 Mar 19
LME Tapo notional average price (NAP)	1,869.97	0.64%	▲	21 Mar 19
LME stocks (tonnes)	1,160,275	-1.91%	▼	21 Mar 19
Aluminium alloy (A380.1/DIN/D12S) \$				
LME cash official	1,445-1,455	0%		22 Mar 19
LME cash unofficial	1,430-1,440	-1.24%	▼	21 Mar 19
LME 3 months official	1,470-1,480	0.34%	▲	22 Mar 19
LME 3 months unofficial	1,455-1,465	-1.02%	▼	21 Mar 19
LME stocks (tonnes)	9,060	-0.22%	▼	21 Mar 19

	Price	Change		Assessed
N. American special aluminium alloy				
LME cash official	1,490-1,500	-2.38%	▼	22 Mar 19
LME cash unofficial	1,527-1,537	-0.45%	▼	21 Mar 19
LME 3 months official	1,530-1,540	-1.92%	▼	22 Mar 19
LME 3 months unofficial	1,560-1,570	0%		21 Mar 19
LME stocks (tonnes)	117,040	-1.88%	▼	21 Mar 19
Copper grade A \$				
LME cash official	6,373-6,375	-0.55%	▼	22 Mar 19
LME cash unofficial	6,483-6,485	0.97%	▲	21 Mar 19
LME 3 months official	6,367-6,369	-0.5%	▼	22 Mar 19
LME 3 months unofficial	6,463-6,465	0.97%	▲	21 Mar 19
LME Tapo notional average price (NAP)	6,479.93	0.01%	▲	21 Mar 19
LME stocks (tonnes)	175,325	-5.95%	▼	21 Mar 19
Lead \$				
LME cash official	2,018-2,020	-1.66%	▼	22 Mar 19
LME cash unofficial	2,035.5-2,037.5	-2.82%	▼	21 Mar 19
LME 3 months official	2,039-2,040	-1.71%	▼	22 Mar 19
LME 3 months unofficial	2,055-2,057	-2.61%	▼	21 Mar 19
LME stocks (tonnes)	78,275	0.64%	▲	21 Mar 19
Nickel \$				
LME cash official	12,920-12,930	0.66%	▲	22 Mar 19
LME cash unofficial	13,012-13,037	1.97%	▲	21 Mar 19
LME 3 months official	13,010-13,020	0.48%	▲	22 Mar 19
LME 3 months unofficial	13,100-13,125	1.94%	▲	21 Mar 19
LME stocks (tonnes)	185,358	-3.13%	▼	21 Mar 19
Tin \$				
LME cash official	21,595-21,600	1.22%	▲	22 Mar 19
LME cash unofficial	21,400-21,450	0.87%	▲	21 Mar 19
LME 3 months official	21,500-21,550	1.53%	▲	22 Mar 19
LME 3 months unofficial	21,350-21,400	0.97%	▲	21 Mar 19
LME stocks (tonnes)	1,060	-12.76%	▼	21 Mar 19
Zinc special high grade \$				
LME cash official	2,864-2,865	0.92%	▲	22 Mar 19
LME cash unofficial	2,897.5-2,899.5	0.92%	▲	21 Mar 19
LME 3 months official	2,833-2,833.5	1.45%	▲	22 Mar 19
LME 3 months unofficial	2,862-2,864	1.56%	▲	21 Mar 19
LME stocks (tonnes)	57,650	-1.71%	▼	21 Mar 19
Cobalt min 99.3%				
LME cash official	29,000-30,000	0%		22 Mar 19
LME 3 months official	29,000-30,000	0%		22 Mar 19
LME stocks (tonnes)	965	-0.31%	▼	21 Mar 19
Gold \$/troy oz				
London morning	1,317.30	1.39%	▲	21 Mar 19
London afternoon	1,309.60	1.08%	▲	21 Mar 19
Handy/Harman	1,309.60	1.08%	▲	21 Mar 19
Silver per troy oz				
London spot pence	1,185	2.86%	▲	21 Mar 19
London spot cents	1,554	2%	▲	21 Mar 19
Handy/Harman	1,550	1.87%	▲	21 Mar 19
Palladium \$/troy oz				
London morning	1,604	3.28%	▲	21 Mar 19
London afternoon	1,604	3.55%	▲	21 Mar 19
Platinum \$/troy oz				
London morning	869	4.32%	▲	21 Mar 19
London afternoon	872	4.93%	▲	21 Mar 19

[†] week-on-week change

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	Price	Change	Assessed
Kuala Lumpur tin market			
Tin \$/tonne	21,300	0.76% ▲	22 Mar 19
ICDX			
Tin PB300 settlement price \$/tonne	21,100	0.48% ▲	19 Mar 19
Tin PB300 volume, tonnes	248	123.42% ▲	19 Mar 19
RAND FIXING PRICES			
<i>Rand fixing prices per tonne for London Metal Exchange trade</i>			
	Price	Change†	Assessed
Copper	90,674.18	-2.4% ▼	22 Mar 19
Aluminium	26,555.09	-1.91% ▼	22 Mar 19
Lead	28,731.27	-3.46% ▼	22 Mar 19
Zinc	40,750.04	-0.96% ▼	22 Mar 19
Nickel	183,908.56	-1.21% ▼	22 Mar 19
Tin	307,225.44	-0.67% ▼	22 Mar 19
EXCHANGE RATES			
	Price	Change†	Assessed
LME settlement conversion rates			
\$/£	1.3159	-0.57% ▼	22 Mar 19
\$/¥	110.2200	-1.29% ▼	22 Mar 19
\$/€	1.1308	0.04% ▲	22 Mar 19
Closing rates, midpoint			
\$/£	1.3072	-1.59% ▼	21 Mar 19
\$/¥	110.8550	-0.77% ▼	21 Mar 19
\$/€	1.1361	0.5% ▲	21 Mar 19
£/€	1.1507	-2.07% ▼	21 Mar 19
\$/CNY	6.6881	-0.43% ▼	21 Mar 19
BASE METALS ARBITRAGE			
	Price	Change†	Assessed
Aluminium			
Import arbitrage, \$/tonne	-272.87*	-12.75% ▼	22 Mar 19
Import arbitrage, yuan/tonne	-1,833.22*	-12.99% ▼	22 Mar 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Busan, \$/tonne	278.36*	-0.95% ▼	06 Mar 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Johor, \$/tonne	293.56*	2.1% ▲	06 Mar 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Port Klang, \$/tonne	293.56*	2.1% ▲	06 Mar 19
Import arbitrage, cfr Owensboro-origin LME Warehouses, Singapore, \$/tonne	278.96*	2.27% ▲	06 Mar 19
Copper			
Import arbitrage, \$/tonne	-149.47*	23.55% ▲	22 Mar 19
Import arbitrage, yuan/tonne	-1,004.15*	23.21% ▲	22 Mar 19
Nickel			
Import arbitrage, \$/tonne	-306.22*	122.3% ▲	22 Mar 19
Import arbitrage, yuan/tonne	-2,057.26*	121.69% ▲	22 Mar 19
Zinc			
Import arbitrage, \$/tonne	-177.11*	77.2% ▲	22 Mar 19
Import arbitrage, yuan/tonne	-1,189.87*	76.71% ▲	22 Mar 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%	19 Mar 19
Germany, Grade A, cathode, delivered, \$/tonne	85.0-95.0*	0%	19 Mar 19
North European warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	20 Mar 19
South European warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	20 Mar 19
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	55.0-65.0*	0%	19 Mar 19
Japan, copper, Grade A, cathode, cif, \$/tonne	70.0-75.0*	-3.33% ▼	19 Mar 19
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	55.0-75.0*	0%	19 Mar 19
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	20 Mar 19
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	15.0-20.0*	0%	20 Mar 19
Southeast Asia, Grade A cathode, cif, \$ per tonne	68.0-75.0*	-1.38% ▼	19 Mar 19
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	45.0-68.0*	2.73% ▲	22 Mar 19
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	45.0-68.0*	-3.42% ▼	22 Mar 19
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	55.0-68.0*	-0.81% ▼	22 Mar 19
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	45.0-55.0*	1.01% ▲	22 Mar 19
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	45.0-55.0*	5.26% ▲	22 Mar 19
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	55.0-68.0*	6.96% ▲	22 Mar 19
Taiwan, Grade A cathode, cif, \$ per tonne	70.0-75.0*	0%	19 Mar 19
United States warrants, Grade A cathode, \$/tonne	5.0-15.0*	0%	20 Mar 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, US cents/pound	7.0-7.5*	0%	19 Mar 19
Copper Cathode, Grade 1 premium, Delivered Domestic US, \$/tonne	154.3-165.3*	0%	19 Mar 19
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	85.0-95.0*	1.69% ▲	22 Mar 19
Aluminium P1020A, cif main Korea ports, spot low-high, \$/tonne	100-120*	10% ▲	19 Mar 19
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0-20.0*	0%	20 Mar 19
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	10.0-20.0*	0%	20 Mar 19
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0-105.0*	0%	19 Mar 19
Aluminium P1020A, South Korea, fca, \$/tonne	120.0-140.0*	8.33% ▲	19 Mar 19
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	19 Mar 19
Aluminium P1020A, Taiwan, cif, \$/tonne	95.0-100.0*	8.33% ▲	19 Mar 19
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	160.0-175.0*	0%	19 Mar 19
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	160.0-170.0*	0%	19 Mar 19

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	80.0-90.0*	0%	19 Mar 19
Aluminium ingot ADC 12 ex-works China, duty-paid, yuan/tonne	14,100-14,300*	0%	20 Mar 19
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,670-1,680*	2.76% ▲	20 Mar 19
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	100.0-115.0*	0%	22 Mar 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	140.0-147.0*	0%	22 Mar 19
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	370.0-400.0*	-2.53% ▼	22 Mar 19
Aluminium P1020A, free market delivered, cents per pound	104.67-104.92*	0.17% ▲	21 Mar 19
Aluminium P1020A, duty paid premium, delivered Midwest, cents per pound	19.25-19.5*	0%	22 Mar 19
Aluminium P1020A, cif Baltimore premium, US cents/lb	5.5-5.75*	0%	19 Mar 19
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	20 Mar 19
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	230.0-250.0*	0%	19 Mar 19
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	170.0-175.0*	1.47% ▲	19 Mar 19
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	330.0-350.0*	0%	15 Mar 19
Aluminium billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	410.0-440.0*	-2.3% ▼	22 Mar 19
Aluminium billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	410.0-440.0*	-2.3% ▼	22 Mar 19
Aluminium billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	420.0-450.0*	-5.43% ▼	15 Mar 19
Aluminium billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-210.0*	0%	15 Mar 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 Mar 19
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	350.0-370.0*	-5.26% ▼	08 Mar 19
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	360.0-380.0*	0%	08 Mar 19
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	14.0-17.0*	-6.06% ▼	08 Mar 19
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	08 Mar 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%	20 Mar 19
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	0%	20 Mar 19
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-20.0*	0%	20 Mar 19
Southeast Asia, min 99.97% cif, \$/tonne	65.0-75.0*	0%	19 Mar 19
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	19 Mar 19
Taiwan, 99.97% purity, cif, \$/tonne	40.0-90.0*	0%	19 Mar 19
Taiwan, 99.99% purity, cif, \$/tonne	135.0-145.0*	0%	19 Mar 19

	Price	Change	Assessed
India, 99.97% purity, cif, \$/tonne	35.0-60.0*	-20.83% ▼	19 Mar 19
India, 99.99% purity, cif, \$/tonne	125.0-140.0*	0%	19 Mar 19
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	20 Mar 19
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	20 Mar 19
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	19 Mar 19
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	19 Mar 19
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	200.0-210.0*	0%	19 Mar 19
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	180.0-200.0*	0%	19 Mar 19
Shanghai, nickel premium, 99.80% purity, briquette, duty-free, cif, \$/tonne	240.0-270.0*	0%	26 Feb 19
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	100-170*	0%	20 Mar 19
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	20 Mar 19
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	100-160*	0%	20 Mar 19
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	20 Mar 19
North European warrants, min 99.80%, in-warehouse, \$/tonne	150-200*	0%	20 Mar 19
uncut cathodes premium indicator	190.0-220.0*	0%	19 Mar 19
4x4 cathodes premium indicator	450.0-500.0*	0%	19 Mar 19
briquettes premium indicator	250.0-280.0*	0%	19 Mar 19
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	37-45*	2.5% ▲	19 Mar 19
Nickel briquette premium, delivered consumer works US, US cents per pound	25-28*	1.92% ▲	19 Mar 19
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	500-550*	0%	19 Mar 19
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	420-460*	0%	19 Mar 19
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	15-30*	0%	20 Mar 19
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	19 Mar 19
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	19 Mar 19
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	200-220*	0%	19 Mar 19
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	550-625*	0%	19 Mar 19
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	618-693*	0%	19 Mar 19
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	15.0-20.0*	0%	20 Mar 19
MB EU: Special high grade, fca Rotterdam, \$/tonne	105.0-117.0*	2.3% ▲	19 Mar 19
Malaysia fca, 99.995%, \$/tonne	125.0-145.0*	0%	19 Mar 19
Southeast Asia cif, 99.995%, \$/tonne	155.0-170.0*	0%	19 Mar 19
Singapore, zinc premium, 99.995% purity, fca \$/tonne	125.0-145.0*	0%	19 Mar 19
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	140.0-150.0*	0%	19 Mar 19
Shanghai 99.995% purity, cif \$/tonne	120.0-130.0*	-3.85% ▼	19 Mar 19
Taiwan 99.995% purity SHG ingots, cif \$/tonne	160.0-170.0*	0%	19 Mar 19
India 99.995% purity, cif duty-unpaid \$/tonne	125.0-145.0*	0%	19 Mar 19
† week-on-week change			continued >



	Price	Change	Assessed
India 99.995% purity, cif duty-paid \$/tonne	235.0-255.0*	0%	19 Mar 19
Antwerp 99.995% purity, duty-paid fca \$/tonne	105.0-117.0*	2.3% ▲	19 Mar 19
Italy 99.995% purity, duty-paid fca \$/tonne	145.0-155.0*	0%	19 Mar 19
Italy 99.995% purity, delivered duty-paid \$/tonne	185.0-195.0*	0%	19 Mar 19
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	20 Mar 19
MB US: Special high grade, cents/lb	8.50-9.50*	0%	19 Mar 19
BASE METALS			
	Price	Change [†]	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,680.0-2,700.0*	-0.37% ▼	21 Mar 19
Alumina Index fob Australia	412.94*	2.42% ▲	22 Mar 19
Alumina Index fob Brazil	7.21*		14 Mar 19
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	420.15*		22 Mar 19
Aluminium			
Shanghai bonded aluminium stocks, tonnes	5,800-6,800*	32.63% ▲	01 Mar 19
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	14 Mar 19
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	14 Mar 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):	5,865.4-5,893.6	0.43% ▲	13 Mar 19
cathodes:	5,750.0-5,850.0	0%	13 Mar 19
South Africa: Palabora copper rod 7.90mm, Rand/tonne	99,917.760	5.62% ▲	28 Feb 19
Blister copper 98-99% spot RC cif China \$ per tonne	170-180*	-1.41% ▼	28 Feb 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)	6.90-6.90*	-7.13% ▼	15 Mar 19
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	69-69*	-7.13% ▼	15 Mar 19
Shanghai bonded copper stocks, tonnes	534,500-540,000*	15.54% ▲	11 Mar 19
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,050-1,065*	-0.24% ▼	19 Mar 19
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,050-1,070*	-0.93% ▼	19 Mar 19
Shanghai bonded nickel stocks, tonnes	27,000-34,000*	5.17% ▲	01 Mar 19
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	30-31*	0%	19 Mar 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%	19 Mar 19
Nickel sulfate min 21%, max: 22.5%; cobalt 10ppm max, China ex-works, yuan/tonne	24,800-25,300*	1.21% ▲	19 Mar 19

	Price	Change	Assessed
Lead			
Germany: (VDM) virgin soft, €/tonne	2,000-2,040	1% ▲	13 Mar 19
Lead concentrate spot treatment charge (TC) high silver CIF China, \$/tonne	50-70*	60% ▲	22 Feb 19
Lead concentrate spot treatment charge (TC) low silver CIF China, \$/tonne	20-30*	100% ▲	22 Feb 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	2,710-2,710	2.26% ▲	13 Mar 19
UK: Special high grade, delivered monthly average price £/tonne	2,247*	3.31% ▲	01 Mar 19
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	215-250*	3.33% ▲	22 Feb 19
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	6,500-7,000*	8% ▲	22 Feb 19
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	6,000-6,300*	9.82% ▲	22 Feb 19
Shanghai bonded zinc stocks, tonnes	79,000-86,000*	5.1% ▲	01 Mar 19

† week-on-week change

continued >



PRECIOUS METALS			
	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	1,410-1,510*	0%	22 Mar 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,480	0%	22 Mar 19
Engelhard base price: \$/troy oz	1,485	0%	22 Mar 19
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,590-1,606*	2.63% ▲	22 Mar 19
Engelhard base price: \$/troy oz	1,606	2.62% ▲	22 Mar 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,593	1.79% ▲	22 Mar 19
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	854-874*	3.72% ▲	22 Mar 19
Engelhard base price: \$/troy oz	863	3.6% ▲	22 Mar 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	858	2.39% ▲	22 Mar 19
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	3,250-3,350*	4.1% ▲	22 Mar 19
Engelhard base price: \$/troy oz	3,300	2.8% ▲	22 Mar 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	3,300	3.45% ▲	22 Mar 19
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	240-280*	0%	22 Mar 19
Engelhard base price: \$/troy oz	275	0%	22 Mar 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	270	0%	22 Mar 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	7,400-7,700*	-1.31% ▼	22 Mar 19
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	7,300-7,600*	-1.32% ▼	22 Mar 19
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	45,000-46,000*	-1.62% ▼	20 Mar 19
Arsenic			
MB free market \$/lb	1.20-1.5*	0%	15 Mar 19
Bismuth			
MB free market \$/lb	3.40-3.90*	0%	22 Mar 19
MB China domestic, min 99.99%, yuan/tonne	46,500-48,500*	0%	22 Mar 19
Cadmium			
MB free market min 99.95% cents/lb	133-143*	0%	22 Mar 19
MB free market min 99.99% cents/lb	137-146*	0%	22 Mar 19
Chromium			
MB free market alumino-thermic min 99% \$/tonne	8,550-9,200*	0%	22 Mar 19
Cobalt			
MB free market alloy-grade \$/lb	13.5-14.5*	-2.44% ▼	22 Mar 19
MB free market standard-grade \$/lb	13.30-14.20*	-4.35% ▼	22 Mar 19
MB high-grade, weighted average of all confirmed international trades, \$/lb	14.21*	-1.18% ▼	22 Mar 19
MB low-grade, weighted average of all confirmed international trades, \$/lb	13.77*	-3.16% ▼	22 Mar 19
MB China domestic, min 99.8% yuan/tonne	250,000-285,000*	-2.73% ▼	22 Mar 19
Cobalt hydroxide index min 30% Co, cif China, \$/lb	11.05*	0%	28 Feb 19

	Price	Change	Assessed
Cobalt hydroxide payable indicator, min 30% Co, cif China, % payable of Fastmarkets' standard-grade cobalt price (low-end)	64-67*	0%	15 Mar 19
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	180,000-190,000*	-2.63% ▼	22 Mar 19
Cobalt sulfate, Co 20.5% min, China ex-works, yuan/tonne	47,000-49,000*	-9.43% ▼	22 Mar 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*	-68.89% ▼	22 Mar 19
Gallium			
MB free market \$/kg	153-173*	-1.21% ▼	22 Mar 19
MB China domestic, min 99.99%, yuan/kg	1,000-1,020*	1% ▲	20 Mar 19
Germanium			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	22 Mar 19
Germanium metal \$/kg Rotterdam	1,350-1,450*	0%	22 Mar 19
Germanium metal MB China domestic, min 99.999%, yuan/kg	7,900-8,500*	0%	20 Mar 19
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950-1,050*	0%	15 Mar 19
Indium			
MB free market \$/kg	200-220*	0%	22 Mar 19
MB China domestic, min 99.99% yuan/kg	1,260-1,300*	1.19% ▲	20 Mar 19
Magnesium			
European free market \$ per tonne	2,640-2,740*	-0.37% ▼	22 Mar 19
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,600-2,630*	-2.24% ▼	22 Mar 19
MB Chinese free market min 99% Mg, ex-works yuan/tonne	16,900-17,000*	-2.31% ▼	22 Mar 19
Manganese flake			
MB free market 99.7%, \$/tonne	2,025-2,125*	0%	22 Mar 19
Mercury			
MB free market \$ per flask	2,400-2,700*	0%	15 Mar 19
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	650-715*	-3.19% ▼	15 Mar 19
APR catalytic grade \$/kg Re	1,300-1,580*	0%	15 Mar 19
Selenium			
MB free market \$/lb	9-11*	0%	22 Mar 19
MB China domestic, min 99.9%, yuan/kg	160-190*	0%	22 Mar 19
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,860-1,940*	0%	22 Mar 19
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,800-1,885*	0%	22 Mar 19
US free market cents/lb	111-116*	-2.16% ▼	11 Mar 19
Export from mainland China min 98.5%, \$/tonne fob	1,560-1,620*	0%	22 Mar 19
Tellurium			
MB free market 99.9-99.99%, \$/kg	53-65*	0%	22 Mar 19
MB China domestic, min 99.99%, yuan/kg	420-440*	0%	22 Mar 19
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	5.10-5.5*	3.92% ▲	20 Mar 19
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	1,045-1,350	0%	21 Mar 19
Rutile bulk conc min 95% TiO2 fob/Aus	1,000-1,100	0%	21 Mar 19
Ilmenite concentrate, 47-49% TiO2 cif China	170-180	0%	21 Mar 19
† week-on-week change			continued >



NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	12.20-12.40*	-2.19% ▼	22 Mar 19
US canned molybdic oxide \$/lb Mo	12.60-12.95*	1.39% ▲	21 Mar 19
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	28.60-29.10*	-1.7% ▼	22 Mar 19
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	13.40-13.80*	0.37% ▲	21 Mar 19
Tungsten			
European free market APT \$/mtu	271-282*	0%	22 Mar 19
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	270-277*	0.37% ▲	20 Mar 19
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	97,000-99,000*	0%	20 Mar 19
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	35.5-36.5*	0%	22 Mar 19
China export min 75% \$/kg W, fob China	34.70-36.5*	0.28% ▲	20 Mar 19
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	64-67*	-6.43% ▼	21 Mar 19
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	57.5-61.5*	-13.14% ▼	22 Mar 19
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	36-37*	-5.19% ▼	21 Mar 19
Vanadium pentoxide 98% min, fob, China \$/lb V205	14-15*	-9.38% ▼	21 Mar 19
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V205	13.25-14.5*	-15.91% ▼	22 Mar 19
BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	0.87*	2.35% ▲	22 Mar 19
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.19*	1.71% ▲	22 Mar 19
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,200-7,400*	0%	22 Mar 19
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,950-7,300*	4.4% ▲	22 Mar 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	0.98-1.14*	0%	22 Mar 19
0.10% C average 65-70% Cr	1.98-2.14*	1.98% ▲	22 Mar 19
European low carbon in-warehouse 0.06% C max - 65% Cr	2.04-2.12*	1.96% ▲	22 Mar 19
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.03-1.15*	6.86% ▲	22 Mar 19
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	0.85-0.88*	0%	21 Mar 19
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	0.85-0.87*	2.38% ▲	21 Mar 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	1.090-1.200*	0%	21 Mar 19
0.05% C - 65% min Cr	2.20-2.25*	-0.45% ▼	21 Mar 19
0.10% C - 62% min Cr	1.98-2*	0%	21 Mar 19
0.15% C - 60% min Cr	1.90-1.93*	0%	21 Mar 19

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	185*	0.54% ▲	22 Mar 19
Turkish lumpy 40-42% cfr main Chinese ports	230-240*	2.17% ▲	22 Mar 19
Chrome Ore inventories at the main ports of Tianjin, Qinzhou, Lianyungang and Shanghai, million tonnes	2.60-2.62*	-0.19% ▼	18 Mar 19
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,060-1,080*	0%	22 Mar 19
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,350-1,380*	2.44% ▲	21 Mar 19
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.13-1.15*	0%	21 Mar 19
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	6,900-7,100*	3.7% ▲	22 Mar 19
Manganese ore			
44% Mn index, cif Tianjin \$/dmu of metal contained	6.36*	-3.34% ▼	22 Mar 19
37% Mn index, fob Port Elizabeth \$/dmu of metal contained	5.56*	1.65% ▲	22 Mar 19
37% Mn index, cif Tianjin \$/dmu of metal contained	6.22*	1.3% ▲	22 Mar 19
base 37% Mn port index, range 35-39%, fob Tianjin yuan/dmtu	50.5*	-0.39% ▼	22 Mar 19
base 44% Mn port index, range 42-48%, fob Tianjin yuan/dmtu	56.80*	0.71% ▲	22 Mar 19
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	3.12-3.19*	1.45% ▲	20 Mar 19
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-250--120*	0%	25 Feb 19
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata), major European destinations, €/tonne	1,100-1,150*	-2.6% ▼	22 Mar 19
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	0.98-1*	0%	21 Mar 19
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,160-1,200*	0.85% ▲	22 Mar 19
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,000-6,400*	0%	22 Mar 19
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata), major European destinations, €/tonne	1,000-1,030*	0%	22 Mar 19
US free market \$/lb in-warehouse Pittsburgh	0.65-0.66*	3.15% ▲	21 Mar 19
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	7,500-7,700*	1.33% ▲	22 Mar 19
65% min Mn 16% min Si \$/tonne fob India	1,030-1,050*	0%	22 Mar 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%	20 Mar 19
Wire rod (mesh quality)	520-530*	0%	20 Mar 19
Plate (8-40mm)	550-560*	0%	20 Mar 19
Hot rolled coil	480-490*	-2.02% ▼	20 Mar 19
Cold rolled coil	560-580*	0%	20 Mar 19
Hot-dip galvanized coil	590-600*	0%	20 Mar 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%	20 Mar 19
Wire rod (mesh quality)	520-530*	0%	20 Mar 19
Plate (8-40mm)	530-550*	0%	20 Mar 19
Hot rolled coil	470-480*	-4.04% ▼	20 Mar 19
Cold rolled coil	550-560*	0%	20 Mar 19
Hot-dip galvanized coil	590-600*	0%	20 Mar 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%	20 Mar 19
Wire rod (mesh quality)	490-510*	0%	20 Mar 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	540-550*	0%	20 Mar 19
Wire rod (mesh quality)	535-550*	0%	20 Mar 19
Sections (medium)	630-650*	0%	20 Mar 19
Beams	610-635*	-0.4% ▼	20 Mar 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	515-520*	0%	20 Mar 19
Wire rod (mesh quality)	535-550*	0%	20 Mar 19
Sections (medium)	630-650*	0.39% ▲	20 Mar 19
Beams	625-645*	0%	20 Mar 19
Central Europe domestic € per tonne ex-works			
Hot rolled coil	490-500*	-1% ▼	20 Mar 19
Poland domestic zloty per tonne ex-works			
Rebar	2,220-2,320*	0.44% ▲	22 Mar 19
Northern Europe € per tonne ex-works			
Plate (8-40mm)	580-600*	-1.26% ▼	20 Mar 19
Hot rolled coil	500-520*	0%	20 Mar 19
Cold rolled coil	580-620*	-0.83% ▼	20 Mar 19
Hot-dip galvanized coil	600-620*	0%	20 Mar 19
Southern Europe € per tonne ex-works			
Plate (8-40mm)	555-570*	0.45% ▲	20 Mar 19
Hot rolled coil	480-490*	-1.02% ▼	20 Mar 19
Cold rolled coil	560-590*	0%	20 Mar 19
Hot-dip galvanized coil	570-590*	0%	20 Mar 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	456*	0.22% ▲	22 Mar 19
Slab	495-505*	0.5% ▲	18 Mar 19
Rebar	470-485*	-0.52% ▼	18 Mar 19
Wire rod (mesh)	500-515*	0%	18 Mar 19
Heavy plate (10-50mm)	600-620*	1.84% ▲	18 Mar 19
Hot rolled coil	510-520*	0.49% ▲	18 Mar 19
Cold rolled coil	555-560*	0%	18 Mar 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	38,500-39,000*	0%	18 Mar 19
Hot rolled sheet	43,900-44,000*	0.11% ▲	18 Mar 19
Cold rolled sheet	49,300-50,000*	-2.46% ▼	18 Mar 19
Plate	44,800-45,000*	0%	18 Mar 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*	0%	21 Mar 19
Rebar	490-500*	0%	21 Mar 19
Wire rod (mesh quality)	510-520*	0%	21 Mar 19
Merchant bars	535-550*	0%	21 Mar 19
Structural pipe	590-600*	-6.3% ▼	13 Mar 19
Hot rolled coil	520-525*	0%	22 Mar 19
Hot dip galvanized	720-730*	-0.34% ▼	22 Mar 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	460-470*	0%	21 Mar 19
Hot rolled coil	530-535*	-0.93% ▼	22 Mar 19
Cold rolled coil	610-620*	-1.6% ▼	22 Mar 19
Hot dip galvanized	720-750*	-1.34% ▼	22 Mar 19
Prepainted galvanized	800-840*	-1.2% ▼	22 Mar 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	3,200-3,263*	1.06% ▲	21 Mar 19
Wire rod (mesh quality)	3,400-3,500*	0.58% ▲	21 Mar 19
Turkish imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	450-470*	0%	21 Mar 19
Hot rolled coil	530-540*	0%	22 Mar 19
Cold rolled coil	575-580*	0%	22 Mar 19
UAE imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	495-500*	0%	19 Mar 19
Rebar	530-535*	0%	19 Mar 19
Hot rolled coil	550-560*	1.83% ▲	19 Mar 19
Cold rolled coil	610-620*	-1.6% ▼	19 Mar 19
Hot dip galvanized coil	690-780*	0.68% ▲	19 Mar 19
Saudi Arabia imports			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Hot rolled coil	555-565*	1.36% ▲	19 Mar 19

† week-on-week change

continued >



	Price	Change	Assessed
UAE domestic			
<i>Fastmarkets MB's assessment of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i>			
Rebar	2,000-2,007*	0%	19 Mar 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	395-405*	0%	20 Mar 19
Slab	380-400*	2.63% ▲	20 Mar 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	11,350-11,650*	-2.87% ▼	21 Mar 19
Egyptian import			
<i>Fastmarkets MB's assessment of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	475-480*	0%	21 Mar 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	450-460*	0%	22 Mar 19
Slab, Brazil	510-550*	1.92% ▲	22 Mar 19
Wire rod mesh quality	560-580*	0%	22 Mar 19
Heavy plate over 10mm	600-610*	0%	22 Mar 19
Hot rolled coil (dry)	550-555*	-0.9% ▼	22 Mar 19
Cold rolled coil	590-600*	0%	22 Mar 19
Galvanized coil	800-810*	0%	22 Mar 19
South America imports			
<i>Fastmarkets MB's assessment of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i>			
Plate	560-580*	2.7% ▲	22 Mar 19
Hot rolled coil	565-575*	0%	22 Mar 19
Cold rolled coil	600-615*	1.25% ▲	22 Mar 19
Galvanized coil	660-680*	3.08% ▲	22 Mar 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 Mar 19
Cold rolled coil	850-860*	0%	08 Mar 19
Galvanized coil	1,090-1,170*	0%	08 Mar 19
Rebar	850-860*	0%	08 Mar 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	2,425-2,470*	-4.39% ▼	01 Mar 19
Cold rolled coil	2,655-2,745*	-3.49% ▼	01 Mar 19
Hot dip galvanized coil	3,250-3,310*	0%	01 Mar 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*	-4.61% ▼	01 Mar 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	670-690*	3.03% ▲	20 Mar 19
Merchant bars	760-760*	-1.3% ▼	22 Feb 19

	Price	Change	Assessed
Wire rod (low carbon)	744-762*	0%	19 Mar 19
Medium sections	740-800*	-3.75% ▼	28 Feb 19
Medium plate	820-860*	0.6% ▲	20 Mar 19
Hot rolled coil (commodity)	660-690*	-2.88% ▼	20 Mar 19
Cold rolled coil	760-800*	-3.7% ▼	20 Mar 19
Hot dipped galvanized 0.012-0.015, G30	980-1,040*	0%	20 Mar 19
ERW linepipe (X42)	1,070-1,230*	-4.96% ▼	26 Feb 19
OCTG API5CT - casing J55	1,020-1,125*	-4.03% ▼	26 Feb 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)	705-730*	0%	20 Mar 19
Plate (fob mill)	950-950*	1.06% ▲	15 Mar 19
Hot rolled sheet Midwest index (fob mill)	696-696*	-0.88% ▼	21 Mar 19
Cold rolled sheet (fob mill)	830-830*	0%	21 Mar 19
Hot-dip galvanized (base) Midwest (fob mill)	840-840*	0%	21 Mar 19
OCTG API5CT - casing J55 (fob mill)	1,185-1,260*	-1.61% ▼	26 Feb 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%	22 Feb 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	531-531*	0.95% ▲	22 Mar 19
Wire rod (mesh quality)	530-540*	-0.47% ▼	19 Mar 19
Heavy plate	545-550*	-0.45% ▼	19 Mar 19
Hot rolled coil index	531-531*	-1.3% ▼	22 Mar 19
Cold rolled coil	565-575*	1.79% ▲	19 Mar 19
Galvanized coil 1mm	615-625*	1.22% ▲	19 Mar 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	3,840-3,880*	0.78% ▲	22 Mar 19
Wire rod (mesh)	3,880-3,920*	1.17% ▲	22 Mar 19
Sections	3,900-3,950*	2.08% ▲	22 Mar 19
Plate	3,960-4,050*	1.91% ▲	22 Mar 19
Hot rolled coil (min 2mm)	3,850-3,870*	1.58% ▲	22 Mar 19
Cold rolled coil (0.5 - 2 mm)	4,340-4,390*	1.28% ▲	22 Mar 19
Hot-dip galvanized coil	4,600-4,730*	1.08% ▲	22 Mar 19
Northern China domestic			
<i>Fastmarkets MB's assessment of prices in northern China for commercial-quality carbon steel of Chinese origin (Tangshan), yuan per tonne ex-works</i>			
Billet	3,460-3,460*	-1.14% ▼	22 Mar 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	3,810-3,850*	1.59% ▲	22 Mar 19
Rebar	3,840-3,890*	1.98% ▲	22 Mar 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	4,220-4,260*	0%	22 Mar 19
Wire rod (mesh)	4,150-4,180*	0%	22 Mar 19
Sections	4,000-4,030*	0%	22 Mar 19
Plate	4,000-4,090*	0.5% ▲	22 Mar 19
Hot rolled coil (min 2mm)	3,860-3,870*	0.52% ▲	22 Mar 19
Cold rolled coil (0.5 - 2 mm)	4,400-4,420*	2.2% ▲	22 Mar 19
Hot-dip galvanized coil	4,700-4,730*	1.07% ▲	22 Mar 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	485-495*	0%	22 Mar 19
Slab (Asia/East Asia)	475-495*	0%	18 Mar 19
Hot rolled coil (Vietnam)	545-555*	-0.45% ▼	18 Mar 19
Rebar (Singapore)	500-510*	0.5% ▲	18 Mar 19
Wire rod (low carbon)	540-550*	0.46% ▲	18 Mar 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	450-455*	0%	22 Mar 19
Plate (12-40mm)	545-550*	0%	22 Mar 19
Hot rolled coil (commodity)	545-550*	0%	22 Mar 19
Hot-dip galvanized coil	720-725*	-0.34% ▼	22 Mar 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)	560-565*	0%	22 Mar 19
Hot rolled coil (commodity)	560-565*	1.81% ▲	22 Mar 19
Hot rolled coil (CR grade)	565-570*	8.61% ▲	22 Mar 19
Cold rolled coil	595-600*	0%	22 Mar 19
Indian domestic			
<i>Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	31,300-31,500*	0%	22 Mar 19
Heavy plate	42,500-43,000*	0%	22 Mar 19
Hot rolled coil	41,500-42,000*	0%	22 Mar 19
Cold rolled coil	47,500-48,000*	0%	22 Mar 19
DRI	19,600-19,800*	-1.01% ▼	22 Mar 19
Hot-dip galvanized coil	51,000-51,500*	0%	22 Mar 19
Rebar	35,500-35,700*	-0.56% ▼	22 Mar 19
STAINLESS STEEL			
	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,040-2,130*	-0.71% ▼	20 Mar 19
Grade 304 hot rolled coil	1,920-2,000*	-0.25% ▼	20 Mar 19
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,700-15,000*	-0.67% ▼	20 Mar 19
Grade 430 2mm CR coil	8,250-8,300*	0%	20 Mar 19
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N.Europe Base price	925-985*	0%	22 Mar 19
Alloy surcharge	1,308-1,351*	0%	22 Mar 19
N.Europe transaction	2,100-2,200*	1.18% ▲	22 Mar 19
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,270-1,320*	0%	22 Mar 19
Alloy surcharge	1,995-2,051*	0%	22 Mar 19
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,050*	0%	22 Mar 19
Alloy surcharge	1,620-1,669*	0%	22 Mar 19

	Price	Change	Assessed
US domestic			
<i>Fastmarkets AMM's appraisal of prices within the USA for commercial-quality stainless steel of US or Canadian origin, \$ per hundredweight, fob</i>			
Grade 304 coiled plate	109-109*	3.81% ▲	11 Mar 19
Grade 316 coiled plate	156-156*	3.31% ▲	11 Mar 19
Grade 304 cold rolled sheet	122-122*	3.39% ▲	11 Mar 19
Grade 316L cold rolled sheet	165-165*	3.12% ▲	11 Mar 19
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,287.34*	-0.49% ▼	18 Mar 19
IRON ORE			
	Price	Change†	Assessed
65% Fe Brazilian Index CFR Qingdao (MBIOI-65-BZ-Index) \$/tonne	96.30*	-1.23% ▼	22 Mar 19
Lump premium CFR Qingdao (MBIOI-LP Index) cents per dmtu	37*	0%	22 Mar 19
Iron ore index (62% Fe)	85.96*	-0.65% ▼	22 Mar 19
Iron ore index (62% LA)	88.35*	-0.76% ▼	22 Mar 19
58% Fe Iron Ore Index (MBIOI-58) CFR Qingdao on a 58% Fe basis Daily Price \$/dry metric tonne	70.07*	-0.44% ▼	22 Mar 19
High grade Premium (MBIOI-58P) CFR Qingdao on a 58% basis low alumina, low phosphorous Daily Price \$/dry metric tonne	7.5*	7.14% ▲	22 Mar 19
Iron Ore Implied 58% Fe high specification price	77.57*	0.25% ▲	22 Mar 19
Iron Ore product differential - PBF delivered Qingdao, China CFR \$/tonne	-0.88*	0%	22 Mar 19
Iron ore 62% Fe Pilbara Blend Fines (MBIOI-PBF) \$/tonne	85.08*	-0.65% ▼	22 Mar 19
Iron Ore 62% Fe China port price index	623*	-1.58% ▼	22 Mar 19
Implied 62% Fe China Port Price \$ per tonne	82.78*	-1.25% ▼	22 Mar 19
Iron ore pellet index cfr Qingdao (65% Fe)	124.31*	-2.18% ▼	22 Mar 19
Iron ore concentrate index cfr Qingdao (66% Fe)	97.63*	-2.9% ▼	22 Mar 19
Iron ore implied pellet premium CFR Qingdao US\$/tonne	38.26*	-7.94% ▼	22 Mar 19
Iron ore DR-grade pellet premium index Middle East reference, \$/dmt	76*	0%	28 Feb 19
Metal Bulletin Indicator for US\$/% Al MBIOI Al-VIU cfr Qingdao	-4.78*	-3.24% ▼	18 Mar 19
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.44*	12.5% ▲	18 Mar 19
Iron Ore Fines 65% Fe, % Fe value in use cfr Qingdao \$/dry metric tonne	1.72*	-2.27% ▼	18 Mar 19
Metal Bulletin Indicator for US\$/% Si MBIOI Si-VIU cfr Qingdao	-1.42*	-8.39% ▼	18 Mar 19
Iron Ore Fines 62% Fe, 0.01% Phosphorous value in use MBIOI Phos-VIU cfr Qingdao US cent per dry metric tonne	-0.67*	-12.99% ▼	18 Mar 19
† week-on-week change			

continued >



COKING COAL			
\$ per metric tonne			
	Price	Change [†]	Assessed
Premium hard coking coal index cfr China	206.87*	-1.77%	▼ 22 Mar 19
Hard coking coal index cfr China	193.11*	-1.81%	▼ 22 Mar 19
Premium hard coking coal index fob Australia	213.30*	0.98%	▲ 22 Mar 19
Hard coking coal index fob Australia	185.57*	-0.25%	▼ 22 Mar 19
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,450-1,850*	0.92%	▲ 22 Mar 19
65% CSR coke \$/tonne fob China	320-340*	0%	19 Mar 19
Low Vol PCI Index \$ per dry metric tonne cfr Jingtang	138.37*	-0.9%	▼ 22 Mar 19
Low Vol PCI Index \$ per dry metric tonne fob DBCT	128.17*	0%	22 Mar 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*	0%	14 Mar 19
1&2 old steel	140-165*	0%	14 Mar 19
12A/C new production heavy and shovellable steel	185-210*	0%	14 Mar 19
12D new production heavy and shovellable steel	190-215*	0%	14 Mar 19
Bales and cuttings			
4A new steel bales	190-215*	0%	14 Mar 19
4C new steel bales	180-205*	0%	14 Mar 19
8A new loose light cuttings	175-205*	0%	14 Mar 19
8B new loose light cuttings	160-190*	0%	14 Mar 19
Turnings			
UK inter-merchant 7B heavy steel turnings	120-140*	0%	14 Mar 19
Cast iron			
9A/10 heavy and light cast iron	140-165*	0%	14 Mar 19
9B/C cylinder block scrap	160-185*	0%	14 Mar 19
11A cast iron borings	85-105*	0%	14 Mar 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	90-110*	0%	22 Mar 19
UK ferrous scrap export			
<i>Fastmarkets MB's assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	301-303*	0%	22 Mar 19
Shredded	306-308*	0%	22 Mar 19
Indian imports			
<i>Fastmarkets MB's assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	335.75*	0.14%	▲ 22 Mar 19
HMS 1&2 (80:20 mix)	295-315*	0%	22 Mar 19
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	850-900*	1.74%	▲ 22 Mar 19
18/8 turnings	725-765*	1.71%	▲ 22 Mar 19
316 solids	1,250-1,320*	2.39%	▲ 22 Mar 19
316 turnings	1,065-1,120*	2.34%	▲ 22 Mar 19
12-13% Cr solids	190-220*	0%	22 Mar 19
16-17% Cr solids	240-260*	0%	22 Mar 19

	Price	Change	Assessed
Cif Europe stainless € per tonne			
18/8 solids	1,040-1,080*	2.91%	▲ 22 Mar 19
18/8 turnings	935-970*	2.7%	▲ 22 Mar 19
316 solids	1,520-1,590*	0%	22 Mar 19
316 turnings	1,370-1,430*	0%	22 Mar 19
Rotterdam export			
<i>Fastmarkets MB's assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	300.40*	0.57%	▲ 22 Mar 19
HMS 1&2 (75:25 mix)	290-292*	-2.51%	▼ 22 Mar 19
Shredded	300-302*	-2.43%	▼ 22 Mar 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)	321.21*	0.89%	▲ 22 Mar 19
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	326.64*	0.88%	▲ 22 Mar 19
HMS 1&2 (75:25 mix)	309-311*	-2.36%	▼ 22 Mar 19
Shredded	329-331*	1.07%	▲ 22 Mar 19
Turkish domestic			
<i>Fastmarkets MB's assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	325-330*	0%	18 Mar 19
Auto bundle scrap (Turkish lira/tonne)	1,700-1,820*	0%	18 Mar 19
USA export			
<i>Fastmarket AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	306*	0%	20 Mar 19
Shredded	311*	0%	20 Mar 19
USA domestic			
<i>Fastmarkets AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	314.10*	6.8%	▲ 11 Mar 19
No1 busheling	372.32*	5.75%	▲ 11 Mar 19
Shredded	340.21*	6.15%	▲ 11 Mar 19
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,620-2,750*	0%	22 Mar 19
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	305-310*	1.32%	▲ 22 Mar 19
Vietnam import			
<i>\$/tonne cfr southern Vietnam</i>			
HMS 1&2	340-350*	-0.72%	▼ 22 Mar 19
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	250.30	2.54%	▲ 01 Feb 19
No E1 (old steel scrap)	224.30	7.22%	▲ 01 Feb 19
No E3 (old thick steel scrap)	249.30	4.75%	▲ 01 Feb 19
No E40 (shredded steel scrap)	251.30	4.88%	▲ 01 Feb 19
No E5 (steel turnings)	197	3.14%	▲ 01 Feb 19
<i>Fastmarkets MB's assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	270-290	0%	15 Mar 19
No E8 (thin new production steel scrap)	270-290	-0.88%	▼ 15 Mar 19
No E3 (old thick scrap)	265-285	0%	15 Mar 19
Italy domestic			
<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

continued >



SCRAP SUBSTITUTES			
	Price	Change†	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	360-370*	0%	21 Mar 19
Hot-briquetted iron cfr Italian ports	290-310*	0%	21 Mar 19
Brazil exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	225-225*	0%	22 Mar 19
Pig iron fob Vitoria/Rio Brazil	335-340*	-0.15% ▼	22 Mar 19
Pig iron fob Ponta da Maderia Brazil	357-362*	0%	22 Mar 19
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	365-370*	0%	22 Mar 19
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	390-390*	0%	21 Mar 19
Pig iron Black Sea	340-350*	0%	21 Mar 19
NON-FERROUS SCRAP EUROPE			
	Price	Change†	Assessed
Aluminium			
European free market Fastmarkets MB assessment €/tonne			
Floated frag	1,050-1,095*	0%	22 Mar 19
Cast	960-980*	0%	22 Mar 19
Mixed turnings 6%	810-850*	0%	22 Mar 19
Germany per 1000kg			
Pure cuttings	1,250-1,350	1.17% ▲	13 Mar 19
Commercial cast	1,010-1,100	0%	13 Mar 19
H9 extrusions	1,570-1,730	0.92% ▲	13 Mar 19
Alloy turnings	680-850	0.66% ▲	13 Mar 19
<i>Source: VDM</i>			
France per 1000kg			
Pure cuttings	1,500-1,520	3.07% ▲	19 Mar 19
Old rolled	570-600	3.54% ▲	19 Mar 19
Commercial cast	580-640	7.96% ▲	19 Mar 19
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,065-1,095	0%	15 Mar 19
Old mixed scrap	1,505-1,540	0.33% ▲	15 Mar 19
Commercial cast	890-945	-1.08% ▼	15 Mar 19
<i>Source: Assomet</i>			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,310-5,490	0%	13 Mar 19
Heavy copper	4,900-4,970	0%	13 Mar 19
Heavy brass	3,410-3,500	0%	13 Mar 19
Brass turnings (MS 58)	3,710-3,840	0%	13 Mar 19
Brass sheet (MS 63)	3,920-4,010	0%	13 Mar 19
<i>Source: Verein Deutscher Metallhandler</i>			
France per 1000kg			
Electro cuttings	5,100-5,180	-0.19% ▼	19 Mar 19
No 1 bright wire	4,950-4,980	-0.2% ▼	19 Mar 19
Mixed (96%)	4,750-4,800	-0.31% ▼	19 Mar 19
Brass plate cuttings 70/30	3,800-3,850	0%	19 Mar 19
Brass turnings	3,250-3,300	0%	19 Mar 19
Mixed brass	3,050-3,180	-0.32% ▼	19 Mar 19
<i>Source: Lettre d'Information Metaux</i>			

	Price	Change	Assessed
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,350-5,510	-0.55% ▼	15 Mar 19
Enamelled wire EN 12861-S-Cu-3	5,228-5,390	-0.56% ▼	15 Mar 19
New from tubes, strips etc EN 12861-S-Cu-4	5,252-5,480	-0.56% ▼	15 Mar 19
Old from tubes, strips etc 12861-S-Cu-7	5,080-5,250	-0.58% ▼	15 Mar 19
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,240-4,355	-0.23% ▼	15 Mar 19
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,475-3,805	-0.27% ▼	15 Mar 19
Severall 95% m/m 12861-S-Cu-Zn-7	3,525-3,605	-0.28% ▼	15 Mar 19
<i>Source: Assomet</i>			
UK NON-FERROUS SCRAP			
	Price	Change†	Assessed
Aluminium - actual price			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	1,300-1,350*	0%	20 Mar 19
Commercial pure cuttings	970-1,000*	0%	20 Mar 19
Clean HE9 extrusions	1,300-1,350*	0%	20 Mar 19
Loose old rolled cuttings	690-720*	0%	20 Mar 19
Baled old rolled	740-770*	0%	20 Mar 19
Commercial cast	780-820*	0%	20 Mar 19
Cast wheels	1,150-1,180*	0%	20 Mar 19
Commercial turnings	565-605*	0%	20 Mar 19
Group 7 turnings	460-490*	0%	20 Mar 19
Fastmarkets MB and LME aluminium scrap discounts			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	78-128*	19.77% ▲	20 Mar 19
Commercial pure cuttings	428-458*	3.99% ▲	20 Mar 19
Clean HE9 extrusions	78-128*	19.77% ▲	20 Mar 19
Loose old rolled cuttings	440-470*	-2.15% ▼	20 Mar 19
Baled old rolled	390-420*	-2.41% ▼	20 Mar 19
Commercial cast	340-380*	-2.7% ▼	20 Mar 19
Cast wheels	-20-10*	-200% ▼	20 Mar 19
Commercial turnings	555-595*	-1.71% ▼	20 Mar 19
Group 7 turnings	670-700*	-1.44% ▼	20 Mar 19
Titanium			
<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1.05-1.15*	4.76% ▲	20 Mar 19
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.95-1*	5.41% ▲	20 Mar 19
Copper scrap discount			
<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	28-34*	14.81% ▲	25 Feb 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	1,360-1,410*	0%	20 Mar 19
LM6/LM25 gravity diecasting ingot	1,680-1,720*	0%	20 Mar 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	1,450-1,500*	0.34% ▲	22 Mar 19
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.83-0.85*	0%	21 Mar 19
AFFIMET €/tonne			
AS12	3,499	0%	01 Mar 19
AS12 UN	2,565	-3.02% ▼	01 Mar 19
AS9 U3	1,940	-3.96% ▼	01 Mar 19
AS5 U3	2,290	-3.38% ▼	01 Mar 19
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
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
Aluminium bronze £/tonne UK			
AB1 ex-works	5,150	0%	19 Mar 19
AB2 ex-works	5,200	0%	19 Mar 19
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,220	0%	19 Mar 19
High tensile HTB1 ex-works	4,430	0%	19 Mar 19
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,990	0%	19 Mar 19
LG4 87/7/3/3 ex-works	5,700	0%	19 Mar 19
G1 1.15 PB ex-works	6,350	0%	19 Mar 19
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,990	0%	19 Mar 19
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,200	0%	19 Mar 19
15% P ex-works	6,250	0%	19 Mar 19
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,697	0.56% ▲	01 Mar 19
Brock Metal ZL5	2,724	0.52% ▲	01 Mar 19



Monthly averages: February

BASE METALS			
		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		75.5	83.15
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		125	135.63
Alumina			
Index fob Australia		379.01	
Copper			
US High-grade cathode premium indicator, \$/tonne		154.32	165.35
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	180	225
	4x4 cathodes	450	500
	Briquettes	240	280
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		420	460
Kuala Lumpur (ex-smelter), \$/tonne		21,255.88	
MINOR METALS			
Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		7,800	8,000
MMTA Standard grade II, \$/tonne		7,700	7,900
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		3.69	4.18
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		131.5	140.25
min 99.99%, in warehouse cents/lb		135	142.63
Cobalt			
MB free market			
Alloy Grade, in warehouse, \$/lb		16.61	18.43
Standard Grade, in warehouse, \$/lb		16.97	18.84
Gallium			
MB free market			
MB free market, \$/kg		163.13	188.13
Germanium			
Dioxide MB free market min 99.99%, \$/kg		950	1,150
Metal, Rotterdam, \$/kg		1,350	1,450
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		207.5	227.5
Magnesium			
MB free market min 99.8%, \$/tonne		2,635	2,740
China free market min 99.8%, \$/tonne		2,557.5	2,605

	Low	High
Mercury		
MB free market min 99.99%, in warehouse, \$/flask	2,400	2,700
Selenium		
MB free market min 99.5% in warehouse, \$/lb	8.58	10.48
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,860	1,940
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.36	4.80
ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdioxide \$/lb Mo	11.61	11.85
US canned molybdic oxide \$/lb Mo	11.74	11.95
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	27.63	28.09
Tungsten		
European free market APT, \$/mtu	261.25	271.25
Ferro-tungsten		
basis 75% W min, \$/kg	31.19	32.59
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	16.88	17.56
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	76.20	78.03
US Free market 70-80%, \$/lb	39.63	41.5
PRECIOUS METALS		
Gold		
London \$/troy oz	Morning	1,319.76
	Afternoon	1,320.07
London £/troy oz	Morning	1,015.04
	Afternoon	1,015
\$/troy oz	Handy/Harman	1,320.07
Palladium		
Morning \$/troy oz	1,439.75	
Afternoon \$/troy oz	1,443.15	
Platinum: per troy oz		
Morning \$/troy oz	817.40	
Afternoon \$/troy oz	818.15	
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	2,556.25	2,656.25
Silver		
London		
spot pence/troy oz	1,215.5	
spot cents/troy oz	1,580.63	
Handy/Harman cents/troy oz	1,581.46	

† week-on-week change

continued >



FOUNDRY INGOTS		
	Low	High
Aluminium		
LM24, £/tonne	1,410	1,473.75
LM6/LM25, £/tonne	1,705	1,782.5
Aluminium Europe €/tonne	1,517.5	1,575
Phosphor Bronze		
PB1 ex-works, £/tonne	6,947.5	
Zinc Alloy		
ZL3, £/tonne	2,682	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.30
\$/yen	110.44
\$/€	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 February (20 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	Jan-Feb 2019 Low \$	High \$	February average \$
Aluminium (\$)			
Cash	1,775.25	1,898.25	1,859.23
3 months	1,813.5	1,922.75	1,884.59
Settlement	1,775.5	1,898.5	1,859.55
3 months seller	1,814	1,923	1,885.05
Copper Grade A (\$)			
Cash	5,810.75	6,545.5	6,277.76
3 months	5,836	6,495.25	6,274.03
Settlement	5,811	6,546	6,278.20
3 months seller	5,837	6,495.5	6,274.73
Copper Grade A (£)			
Settlement	4,508.36	5,000.76	4,826.81
3 months seller	4,506.43	4,952.08	4,802.23
Lead (\$)			
Cash	1,934	2,153.5	2,061.45
3 months	1,949	2,162.75	2,074.04
Settlement	1,934.5	2,154	2,062.08
3 months seller	1,950	2,163	2,074.68
Lead (£)			
Settlement	1,509.14	1,619.91	1,585.47
3 months seller	1,513.07	1,619.25	1,587.89
Nickel (\$)			
Cash	10,437.5	13,035	12,646.5
3 months	10,527.5	13,137.5	12,728.5
Settlement	10,440	13,040	12,649.75
3 months seller	10,530	13,140	12,734
Tin (\$)			
Cash	19,495	21,912.5	21,256.75
3 months	19,472.5	21,700	21,156.5
Settlement	19,500	21,925	21,268
3 months seller	19,475	21,725	21,172

	Jan-Feb 2019 Low \$	High \$	February average \$
Zinc (\$)			
Cash	2,461	2,793.5	2,702.34
3 months	2,395.5	2,773.25	2,689.66
Settlement	2,462	2,794	2,702.85
3 months seller	2,396	2,773.5	2,690.18
Cobalt (\$)			
Cash	30,000	46,000	31,500
3 months	30,000	50,000	31,500
Settlement	31,000	47,000	32,400
3 months seller	31,000	51,000	32,400
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	1,517.5	1,475.18
3 months	1,412.5	1,525	1,499.13
Settlement	1,385	1,520	1,480.20
3 months seller	1,420	1,530	1,505.5
Nasaa (\$)			
Cash	1,327.5	1,530	1,470.31
3 months	1,375	1,555	1,497.38
Settlement	1,330	1,535	1,473.28
3 months seller	1,380	1,560	1,502.75

LME SETTLEMENT CONVERSION RATES

\$/£	1.30
\$/yen	110.38
\$/€	1.14