

Prices

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NEW YORK FUTURES

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	301.20	-3.18% ▼	22 Mar 18
Open interest	287,965	6.88% ▲	21 Mar 18
Stocks (short ton)	232,138	-0.57% ▼	21 Mar 18
Comex: Gold \$/troy oz			
Settlement	1,326.60	0.74% ▲	22 Mar 18
Open interest	558,857	3.92% ▲	21 Mar 18
Stocks (troy oz)	9,060,591	-0.16% ▼	21 Mar 18
Nymex: Palladium \$/troy oz			
Settlement	985.55	0.08% ▲	22 Mar 18
Stocks (troy oz)	41,812	-1.41% ▼	21 Mar 18
Nymex: Platinum \$/troy oz			
Settlement	949.10	-0.82% ▼	22 Mar 18
Stocks (troy oz)	185,688	-0.05% ▼	21 Mar 18
Comex: Silver cents/troy oz			
Settlement	1,632.80	-0.15% ▼	22 Mar 18
Open interest	214,048	5.36% ▲	21 Mar 18

SHANGHAI FUTURES

	Price	Change [†]	Assessed
Aluminium yuan/tonne	13,680	-1.65% ▼	23 Mar 18
Copper yuan/tonne	49,900	-3.78% ▼	23 Mar 18
Nickel cathode yuan/tonne	99,730	-4.13% ▼	23 Mar 18
Tin ingot yuan/tonne	141,240	-4.11% ▼	23 Mar 18
Zinc yuan/tonne	24,690	-0.8% ▼	23 Mar 18
Steel rebar month 1 yuan/tonne	3,525	-8.25% ▼	23 Mar 18
Steel rebar month 2 yuan/tonne	3,460	-7.41% ▼	23 Mar 18
Steel rebar month 3 yuan/tonne	3,452	-6.7% ▼	23 Mar 18
Weekly stocks deliverable			
Aluminium (tonnes)	940,318	0.65% ▲	23 Mar 18
Copper (tonnes)	307,435	3.52% ▲	23 Mar 18
Nickel cathode (tonnes)	49,903	-1.47% ▼	23 Mar 18
Tin ingot (tonnes)	4,667	-7.55% ▼	23 Mar 18
Zinc (tonnes)	159,347	1.14% ▲	23 Mar 18
Steel rebar (tonnes)	15,049	-53.17% ▼	23 Mar 18

DAILY METAL AND STEEL

London forward LME settlement prices. All prices per tonne, unless otherwise stated, in LME warehouse, EU duty, if any paid for buyers account

	Price	Change [†]	Assessed
Aluminium high grade \$			
Cash official	2,048-2,049	-0.97% ▼	23 Mar 18
Cash unofficial	2,043-2,045	-0.87% ▼	22 Mar 18
3 months official	2,070-2,072	-0.83% ▼	23 Mar 18
3 months unofficial	2,065-2,067	-0.77% ▼	22 Mar 18
LME Tapo notional average price (NAP)	2,093.44	-0.6% ▼	22 Mar 18
LME stocks (tonnes)	1,276,375	-2.28% ▼	22 Mar 18
Aluminium alloy (A380. 1/DIN/D12S) \$			
LME cash official	1,810-1,820	-1.63% ▼	23 Mar 18
LME cash unofficial	1,837-1,847	0.88% ▲	22 Mar 18
LME 3 months official	1,825-1,835	-1.35% ▼	23 Mar 18
LME 3 months unofficial	1,850-1,860	1.09% ▲	22 Mar 18
LME stocks (tonnes)	12,560	-1.57% ▼	22 Mar 18

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,805-1,810	0.03% ▲	23 Mar 18
LME cash unofficial	1,799.5-1,809.5	-0.08% ▼	22 Mar 18
LME 3 months official	1,830-1,835	-0.41% ▼	23 Mar 18
LME 3 months unofficial	1,830-1,840	0% ▼	22 Mar 18
LME stocks (tonnes)	179,200	-0.42% ▼	22 Mar 18
Copper grade A \$			
LME cash official	6,657.5-6,658	-3.83% ▼	23 Mar 18
LME cash unofficial	6,656-6,658	-3.09% ▼	22 Mar 18
LME 3 months official	6,698-6,699	-3.63% ▼	23 Mar 18
LME 3 months unofficial	6,694-6,696	-3.01% ▼	22 Mar 18
LME Tapo notional average price (NAP)	6,851.56	-0.45% ▼	22 Mar 18
LME stocks (tonnes)	317,750	-1.15% ▼	22 Mar 18
Lead \$			
LME cash official	2,359-2,359.5	-2.33% ▼	23 Mar 18
LME cash unofficial	2,358-2,360	-1.59% ▼	22 Mar 18
LME 3 months official	2,349.5-2,350.5	-2.75% ▼	23 Mar 18
LME 3 months unofficial	2,359-2,361	-1.34% ▼	22 Mar 18
LME stocks (tonnes)	130,825	0.13% ▲	22 Mar 18
Nickel \$			
LME cash official	13,040-13,050	-5.02% ▼	23 Mar 18
LME cash unofficial	13,005-13,030	-3.68% ▼	22 Mar 18
LME 3 months official	13,110-13,120	-4.93% ▼	23 Mar 18
LME 3 months unofficial	13,050-13,075	-3.74% ▼	22 Mar 18
LME stocks (tonnes)	324,870	-0.01% ▼	22 Mar 18
Tin \$			
LME cash official	20,800-20,850	-1.01% ▼	23 Mar 18
LME cash unofficial	20,860-20,910	-0.9% ▼	22 Mar 18
LME 3 months official	20,750-20,775	-0.68% ▼	23 Mar 18
LME 3 months unofficial	20,800-20,850	-0.83% ▼	22 Mar 18
LME stocks (tonnes)	1,975	18.98% ▲	22 Mar 18
Zinc special high grade \$			
LME cash official	3,214-3,215	-2.13% ▼	23 Mar 18
LME cash unofficial	3,190.5-3,192.5	-0.44% ▼	22 Mar 18
LME 3 months official	3,213-3,215	-1.73% ▼	23 Mar 18
LME 3 months unofficial	3,192-3,194	-0.5% ▼	22 Mar 18
LME stocks (tonnes)	211,225	2.47% ▲	22 Mar 18
Cobalt min 99.3%			
LME cash official	94,250-94,750	7.08% ▲	23 Mar 18
LME 3 months official	94,250-94,750	6.48% ▲	23 Mar 18
LME stocks (tonnes)	538	-4.27% ▼	22 Mar 18
Molybdenum \$			
LME cash official	22,500-24,500	11.9% ▲	23 Mar 18
LME 3 months official	22,500-24,500	11.9% ▲	23 Mar 18
LME stocks (tonnes)	0	0% ▼	22 Mar 18

† week-on-week change

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	Price	Change	Assessed
Gold \$/troy oz			
London morning	1,342.35	1.69% ▲	23 Mar 18
London afternoon	1,346.60	2.79% ▲	23 Mar 18
Handy/Harman	1,329.15	0.79% ▲	22 Mar 18
Silver per troy oz			
London spot pence	1,170	-0.76% ▼	23 Mar 18
London spot cents	1,653	0.33% ▲	23 Mar 18
Handy/Harman	1,640	-0.09% ▼	22 Mar 18
Palladium \$/troy oz			
London morning	988	-0.6% ▼	22 Mar 18
London afternoon	984	-0.3% ▼	22 Mar 18
Platinum \$/troy oz			
London morning	956	-0.1% ▼	22 Mar 18
London afternoon	950	-0.94% ▼	22 Mar 18
Kuala Lumpur tin market			
Tin \$/tonne	20,750	-1.43% ▼	23 Mar 18
ICDX			
Tin PB300 settlement price \$/tonne	20,850	-1.18% ▼	23 Mar 18
Tin PB300 volume, tonnes	71	57.78% ▲	23 Mar 18

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change†	Assessed
Copper	78,931.92	-4.13% ▼	23 Mar 18
Aluminium	24,291.30	-1.28% ▼	23 Mar 18
Lead	27,972.34	-2.65% ▼	23 Mar 18
Zinc	38,114.47	-2.44% ▼	23 Mar 18
Nickel	154,710.36	-5.32% ▼	23 Mar 18
Tin	247,180.92	-1.26% ▼	23 Mar 18

EXCHANGE RATES

	Price	Change†	Assessed
LME settlement conversion rates			
\$/£	1.4134	1.26% ▲	23 Mar 18
\$/¥	105.0900	-0.67% ▼	23 Mar 18
\$/€	1.2339	0.24% ▲	23 Mar 18
Closing rates, midpoint			
\$/£	1.4095	1.06% ▲	22 Mar 18
\$/¥	105.3450	-0.68% ▼	22 Mar 18
\$/€	1.2308	-0.1% ▼	22 Mar 18
£/€	1.1452	1.17% ▲	22 Mar 18
\$/CNY	6.3216	0%	22 Mar 18

BASE METALS ARBITRAGE

	Price	Change†	Assessed
Aluminium			
Import arbitrage, \$/tonne	-417.60*	0.56% ▲	23 Mar 18
Import arbitrage, yuan/tonne	-2,646.94*	0.6% ▲	23 Mar 18
Copper			
Import arbitrage, \$/tonne	-92.99*	-10.78% ▼	23 Mar 18
Import arbitrage, yuan/tonne	-589.43*	-10.75% ▼	23 Mar 18
Nickel			
Import arbitrage, \$/tonne	-228.38*	-55.73% ▼	23 Mar 18
Import arbitrage, yuan/tonne	-1,447.55*	-55.71% ▼	23 Mar 18
Zinc			
Import arbitrage, \$/tonne	-84.31*	-3.18% ▼	23 Mar 18
Import arbitrage, yuan/tonne	-534.42*	-3.14% ▼	23 Mar 18

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

*MB Copyright

	Price	Change†	Assessed
Copper			
Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne	160-190*	-12.5% ▼	03 May 17
Rotterdam, Grade A, cathode, cif, \$/tonne	45.0-52.0*	10.86% ▲	20 Mar 18
North European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-15.0*	0%	20 Mar 18
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	57.0-65.0*	-6.15% ▼	20 Mar 18
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	62*	-6.06% ▼	20 Mar 18
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	62.5-67.5*	4% ▲	20 Mar 18
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	65*	4% ▲	20 Mar 18
Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	20 Mar 18
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	72.0-87.0*	0%	23 Mar 18
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	81*	0%	23 Mar 18
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	67.0-80.0*	-0.68% ▼	23 Mar 18
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	74*	0%	23 Mar 18
MB free market US: High-grade cathode premium indicator, \$/tonne	121.3-132.3*	0%	20 Mar 18
Aluminium			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	95.0-103.0*	1.02% ▲	23 Mar 18
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	100*	4.17% ▲	23 Mar 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	115-125*	14.29% ▲	20 Mar 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	117*	11.43% ▲	20 Mar 18
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	5.0-15.0*	0%	20 Mar 18
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	90.0-100.0*	0%	20 Mar 18
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	94*	0%	20 Mar 18
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	120.0-130.0*	0%	23 Mar 18
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	123*	0%	20 Mar 18
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	2,050*	0%	21 Mar 18
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	129.0-129.0*	25.24% ▲	19 Mar 18
Aluminium extrusion billet premium 6063 cif Japan, yearly, \$/tonne	140.0-150.0*	-6.45% ▼	12 Jan 18
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	159.0-169.0*	0.61% ▲	23 Mar 18
Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne	340.0-360.0*	-0.71% ▼	16 Mar 18
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.190-0.195*	-1.28% ▼	23 Mar 18
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	300.0-320.0*	0%	20 Mar 18

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	185.0-195.0*	0%	20 Mar 18
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	290.0-310.0*	3.45% ▲	16 Mar 18
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-15.0*	0%	20 Mar 18
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	20 Mar 18
USA lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	20 Mar 18
USA lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	20 Mar 18
USA lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	20 Mar 18
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	210.0-230.0*	-16.98% ▼	20 Mar 18
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	220*	-16.98% ▼	20 Mar 18
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	190.0-220.0*	-12.77% ▼	20 Mar 18
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	205*	-12.77% ▼	20 Mar 18
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	120-200*	0%	20 Mar 18
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-20*	0%	20 Mar 18
uncut cathodes premium indicator	230.0-280.0*	0%	20 Mar 18
4x4 cathodes premium indicator	360.0-420.0*	0%	20 Mar 18
briquettes premium indicator	275.0-305.0*	-1.69% ▼	20 Mar 18
US: melting premium indicator, \$/lb	0.250-0.380*	0%	06 Mar 18
Tin			
MB European free market			
Spot premium 99.9%, \$/tonne	325-375*	2.94% ▲	20 Mar 18
Spot premium 99.85%, \$/tonne	250-300*	0%	20 Mar 18
United States New York spot, cents/lb	980-981	-0.41% ▼	22 Mar 18
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	80.0-90.0*	0%	20 Mar 18
MB EU: Special high grade, fca Rotterdam, \$/tonne	125.0-135.0*	0%	20 Mar 18
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	75.0-90.0*	0%	20 Mar 18
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0*	0%	20 Mar 18
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	86*	0%	20 Mar 18
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	120.0-135.0*	0%	20 Mar 18
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	125*	0%	20 Mar 18
MB US: Special high grade, \$/lb	0.085-0.093*	1.43% ▲	20 Mar 18

BASE METALS

	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,650.0-2,750.0*	0%	22 Mar 18
Alumina Index fob Australia	424.84*	13.15% ▲	23 Mar 18
Alumina Index fob Brazil	11.29*		15 Mar 18
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	436.13*		23 Mar 18
Aluminium			
Shanghai bonded aluminium stocks, tonnes	6,000-8,000*	0%	01 Mar 18
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	15 Mar 18
fob Trombetas, Brazil \$/tonne per dmtu	38*	0%	15 Mar 18
Copper & Brass			
Producer premium			
Aurubis European Grade A cathode ex-works \$/tonne	86.0	0%	20 Oct 17
Codelco: Contract Grade A cathode (average)	88.0	7.32% ▲	27 Oct 17
Germany: (VDM) Electro, €/tonne wirebar (DEL):	5,505.6-5,531.0	-4.1% ▼	21 Mar 18
cathodes:	5,450.0-5,550.0	-3.51% ▼	21 Mar 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	94,519.300	-4.18% ▼	01 Mar 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	6.86-6.86*	-0.29% ▼	15 Mar 18
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	68.60-68.60*	-0.29% ▼	15 Mar 18
Shanghai bonded copper stocks, tonnes	490,000-500,000*	6.45% ▲	12 Mar 18
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,000-1,010*	0%	20 Mar 18
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,000-1,010*	-1.47% ▼	20 Mar 18
Shanghai bonded nickel stocks, tonnes	34,000-39,000*	69.77% ▲	01 Mar 18
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	35-36*	-1.39% ▼	20 Mar 18
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	54-55*	-3.12% ▼	20 Mar 18
Lead			
Germany: (VDM) virgin soft, €/tonne	2,130-2,170	-0.92% ▼	21 Mar 18
Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne	10-25*	0%	23 Feb 18
Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	10-25*	0%	23 Feb 18
<i>EUROBAT has decided to discontinue collecting and aggregating premium information. So it will no longer be able to supply this information to the Metal Bulletin. The premiums will be discontinued from the end of 2017.</i>			
Zinc			
Germany: (VDM) virgin, €/tonne	2,800-2,800	-0.36% ▼	21 Mar 18
UK: Special high grade, delivered monthly average price £/tonne	2,710*	2.11% ▲	01 Mar 18
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	10-30*	0%	23 Feb 18
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	4,000-4,200*	0%	23 Feb 18
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	3,400-3,600*	0%	23 Feb 18
Shanghai bonded zinc stocks, tonnes	216,000-218,000*	6.37% ▲	01 Mar 18

† week-on-week change

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PRECIOUS METALS			
	Price	Change†	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	980-1,080*	1.98% ▲	23 Mar 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,020	0.99% ▲	23 Mar 18
Engelhard base price: \$/troy oz	1,025	1.49% ▲	23 Mar 18
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	980-996*	-0.4% ▼	23 Mar 18
Engelhard base price: \$/troy oz	996	-0.1% ▼	23 Mar 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	990	-0.6% ▼	23 Mar 18
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	951-960*	-0.16% ▼	23 Mar 18
Engelhard base price: \$/troy oz	958	-0.21% ▼	23 Mar 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	960	0%	23 Mar 18
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,930-2,030*	4.21% ▲	23 Mar 18
Engelhard base price: \$/troy oz	2,000	3.9% ▲	23 Mar 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,995	5%	23 Mar 18
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	190-230*	2.44% ▲	23 Mar 18
Engelhard base price: \$/troy oz	210	2.44% ▲	23 Mar 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	210	2.44% ▲	23 Mar 18
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	8,500-8,775*	-1% ▼	23 Mar 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,500-8,675*	-1.29% ▼	23 Mar 18
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	52,500-53,000*	-0.94% ▼	21 Mar 18
Arsenic			
MB free market \$/lb	1.10-1.30*	37.14% ▲	16 Mar 18
Bismuth			
MB free market \$/lb	5.20-5.40*	0%	23 Mar 18
MB China domestic, min 99.99%, yuan/tonne	69,000-70,000*	-1.77% ▼	23 Mar 18
Cadmium			
MB free market min 99.95% cents/lb	155-160*	3.28% ▲	23 Mar 18
MB free market min 99.99% cents/lb	160-175*	1.52% ▲	23 Mar 18
Chromium			
MB free market alumino-thermic min 99% \$/tonne	10,500-11,300*	0%	23 Mar 18
Cobalt			
MB free market high-grade \$/lb	42.5-44*	2.13% ▲	23 Mar 18
MB free market low-grade \$/lb	41.95-43.75*	2.39% ▲	23 Mar 18
MB high-grade, weighted average of all confirmed international trades, \$/lb	43.39*	1.1% ▲	23 Mar 18
MB low-grade, weighted average of all confirmed international trades, \$/lb	42.97*	2.07% ▲	23 Mar 18
MB China domestic, min 99.8% yuan/tonne	670,000-690,000*	1.12% ▲	23 Mar 18
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	470,000-490,000*	1.05% ▲	23 Mar 18

	Price	Change	Assessed
Gallium			
MB free market \$/kg	230-250*	0%	23 Mar 18
MB China domestic, min 99.99%, yuan/kg	1,500-1,550*	0%	21 Mar 18
Germanium			
Germanium dioxide MB free market \$/kg	1,050-1,300*	4.44% ▲	23 Mar 18
Germanium metal \$/kg Rotterdam	1,680-1,785*	1.46% ▲	23 Mar 18
Germanium metal MB China domestic, min 99.999%, yuan/kg	10,800-11,800*	3.2% ▲	21 Mar 18
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	850-950*	0%	16 Mar 18
Indium			
MB free market \$/kg	320-350*	-1.47% ▼	23 Mar 18
MB China domestic, min 99.99% yuan/kg	2,100-2,350*	8.54% ▲	21 Mar 18
Indium Corp ingots min 99.97% \$/kg fob	440	-40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,400-2,500*	-1.61% ▼	23 Mar 18
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,380-2,450*	0.63% ▲	23 Mar 18
MB Chinese free market min 99% Mg, ex-works yuan/tonne	14,900-15,000*	2.05% ▲	23 Mar 18
Manganese flake			
MB free market \$/tonne	1,950-2,120*	-6.22% ▼	23 Mar 18
Mercury			
MB free market \$ per flask	2,700-3,000*	-4.2% ▼	16 Mar 18
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	621-656*	-0.31% ▼	16 Mar 18
APR catalytic grade \$/kg Re	1,450-1,600*	0%	16 Mar 18
Selenium			
MB free market \$/lb	23-25*	3.23% ▲	23 Mar 18
MB China domestic, min 99.9%, yuan/kg	300-330*	-3.82% ▼	23 Mar 18
Selenium dioxide, MB China domestic, min 98%, yuan/kg	190-195*	-2.53% ▼	23 Mar 18
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,300-2,350*	0%	23 Mar 18
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	2,190-2,225*	0%	23 Mar 18
US free market cents/lb	143-145*	0%	12 Mar 18
Export from mainland China min 98.5%, \$/tonne fob	1,960-2,000*	-1.25% ▼	23 Mar 18
Tellurium			
MB free market \$/kg	60-74*	0%	23 Mar 18
MB China domestic, min 99.99%, yuan/kg	550-580*	8.13% ▲	23 Mar 18
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.65-5.30*	-1.49% ▼	21 Mar 18
Titanium ores \$/tonne			
Rutile conc min 95% Tio2 bagged, fob/Aus	950-1,200	0%	22 Mar 18
Rutile bulk conc min 95% Tio2 fob/Aus	800-900	0%	22 Mar 18
Ilmenite concentrate, 47-49% Tio2 cif China	185-200	0%	22 Mar 18

† week-on-week change

continued ➤

NOBLE ALLOYS & ORES			
	Price	Change†	Assessed
Molybdenum molybdc oxide			
Europe drummed molybdc oxide \$/lb Mo	12.60-12.80*	-0.78%	▼ 23 Mar 18
US canned molybdc oxide \$/lb Mo	12.70-13*	-1.15%	▼ 22 Mar 18
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	30.30-30.60*	-1.14%	▼ 23 Mar 18
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	14-14.30*	-0.7%	▼ 22 Mar 18
MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu	1,710-1,740*	0%	21 Mar 18
Tungsten			
European free market APT \$/mtu	325-334*	0%	23 Mar 18
Export from mainland China APT Chinese No1 grade, min 88.5% WO3, S/mtu fob	325-330*	-0.15%	▼ 21 Mar 18
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	112,000-113,000*	-1.75%	▼ 21 Mar 18
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	41.80-42.80*	-0.47%	▼ 23 Mar 18
China export min 75% \$/kg W, fob China	42.5-43.5*	-1.15%	▼ 21 Mar 18
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	68-70*	-1.43%	▼ 22 Mar 18
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	70.15-72.5*	1.17%	▲ 23 Mar 18
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	34.30-35.5*	2.65%	▲ 22 Mar 18
Vanadium pentoxide 98% min, fob, China \$/lb V2O5	14-15.5*	-4.22%	▼ 22 Mar 18
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O5	15-16*	1.64%	▲ 23 Mar 18
Zircon			
Foundry grade bulk \$/tonne fob Australia	950-1,000	0%	01 Feb 18
Premium bulk \$/tonne fob Australia	1,300-1,500	14.75%	▲ 22 Mar 18
BULK ALLOYS			
	Price	Change†	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	1.03*	0%	16 Mar 18
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.41*	-0.7%	▼ 16 Mar 18
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,600-8,200*	-0.63%	▼ 23 Mar 18
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,750-8,000*	0%	23 Mar 18
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.18*	-15.11%	▼ 01 Jan 18
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si	1.27-1.42*	0%	23 Mar 18
0.10% C average 60-70% Cr	2.30-2.48*	0.84%	▲ 23 Mar 18
European low carbon in-warehouse 0.06% C max - 65% Cr	2.33-2.52*	0.83%	▲ 23 Mar 18
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.40-1.45*	0%	23 Mar 18
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	1.02-1.05*	0%	22 Mar 18
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	1.01-1.04*	0%	22 Mar 18

	Price	Change	Assessed
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	1.410-1.490*	0.69%	▲ 22 Mar 18
0.05% C - 65% min Cr	2.40-2.45*	0%	22 Mar 18
0.10% C - 62% min Cr	2.27-2.35*	-0.22%	▼ 22 Mar 18
0.15% C - 60% min Cr	2.20-2.25*	0%	22 Mar 18
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	244*	-0.41%	▼ 16 Mar 18
Turkish lumpy 40-42% cfr main Chinese ports	340-350*	0.73%	▲ 23 Mar 18
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,070-1,125*	0%	23 Mar 18
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,550-1,650*	0%	22 Mar 18
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.12-1.14*	0%	22 Mar 18
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	7,300-7,500*	0%	23 Mar 18
Manganese ore			
44% Mn, cif Tianjin \$/dmtu of metal contained	8.78*	1.74%	▲ 16 Mar 18
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	7.52*	-0.66%	▼ 16 Mar 18
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2-2.10*	1.23%	▲ 21 Mar 18
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	220-350*	9.62%	▲ 26 Feb 18
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,650-1,700*	-1.47%	▼ 23 Mar 18
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1.08-1.12*	-0.9%	▼ 22 Mar 18
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,350-1,430*	-7.33%	▼ 23 Mar 18
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,500-7,000*	-4.26%	▼ 23 Mar 18
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	1,025-1,075*	0%	23 Mar 18
US free market \$/lb in-warehouse Pittsburgh	0.67-0.68*	-0.74%	▼ 22 Mar 18
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	7,600-8,000*	0%	23 Mar 18
65% min Mn 16% min Si \$/tonne fob India	1,210-1,230*	-0.81%	▼ 23 Mar 18

† week-on-week change

continued ➤

CARBON STEEL - EUROPE

	Price	Change†	Assessed
Northern Europe imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>			
Rebar	505-520*	0%	21 Mar 18
Wire rod (mesh quality)	515-540*	0%	21 Mar 18
Plate (8-40mm)	570-580*	0.44% ▲	21 Mar 18
Hot rolled coil	560-580*	0.88% ▲	21 Mar 18
Cold rolled coil	640-650*	0.78% ▲	21 Mar 18
Hot-dip galvanized coil	670-690*	0%	21 Mar 18
Southern Europe imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>			
Rebar	500-510*	0%	21 Mar 18
Wire rod (mesh quality)	515-530*	-0.95% ▼	21 Mar 18
Plate (8-40mm)	560-570*	0%	21 Mar 18
Hot rolled coil	570-580*	1.77% ▲	21 Mar 18
Cold rolled coil	635-640*	0.39% ▲	21 Mar 18
Hot-dip galvanized coil	680-710*	0.72% ▲	21 Mar 18
Southern Europe exports			
<i>Metal Bulletin's appraisal of Southern Europe mills' prices for export outside Southern Europe of commercial-quality carbon steel, € per tonne fob main Southern European port</i>			
Rebar	475-495*	0%	21 Mar 18
Wire rod (mesh quality)	510-520*	0%	21 Mar 18
Northern Europe domestic			
<i>Metal Bulletin's appraisal of prices within the EU (excluding the UK) for commercial-quality carbon steel of EU origin, € per tonne delivered basis point</i>			
Rebar	550-570*	0%	21 Mar 18
Wire rod (mesh quality)	550-560*	0%	21 Mar 18
Sections (medium)	655-670*	1.15% ▲	21 Mar 18
Beams	605-630*	-0.8% ▼	21 Mar 18
Southern Europe domestic			
<i>Metal Bulletin's appraisal of prices within the EU (excluding the UK) for commercial-quality carbon steel of EU origin, € per tonne delivered basis point</i>			
Rebar	525-540*	-0.47% ▼	21 Mar 18
Wire rod (mesh quality)	540-560*	0%	21 Mar 18
Sections (medium)	635-660*	0%	21 Mar 18
Beams	605-635*	-0.4% ▼	21 Mar 18
Central Europe domestic € per tonne ex-works			
Hot rolled coil	560-570*	0%	21 Mar 18
Poland domestic zloty per tonne ex-works			
Rebar	2,300-2,350*	0%	23 Mar 18
Northern Europe € per tonne ex-works			
Plate (8-40mm)	590-630*	0%	21 Mar 18
Hot rolled coil	570-590*	0%	21 Mar 18
Cold rolled coil	650-680*	0%	21 Mar 18
Hot-dip galvanized coil	680-700*	0%	21 Mar 18
Southern Europe € per tonne ex-works			
Plate (8-40mm)	580-590*	0%	21 Mar 18
Hot rolled coil	560-570*	0%	21 Mar 18
Cold rolled coil	630-650*	0%	21 Mar 18
Hot-dip galvanized coil	650-665*	0%	21 Mar 18

CARBON STEEL - NORTH AFRICA

	Price	Change†	Assessed
Algeria imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, EU origin, commercial-quality carbon steel, € per tonne cfr main port</i>			
Rebar	500-505*	0%	21 Mar 18

CARBON STEEL - CIS

	Price	Change†	Assessed
CIS exports (Black Sea)			
<i>Metal Bulletin's appraisal 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	552*	0.18% ▲	19 Mar 18
Slab	580-585*	-0.43% ▼	19 Mar 18
Rebar	570-585*	0%	19 Mar 18
Wire rod (mesh)	600-620*	-0.81% ▼	19 Mar 18
Heavy plate (10-50mm)	645-660*	0%	19 Mar 18
Hot rolled coil	605-625*	-0.4% ▼	19 Mar 18
Cold rolled coil	645-670*	-0.38% ▼	19 Mar 18
CIS domestic			
<i>Metal Bulletin's appraisal of prices within Russia for commercial-quality carbon steel of CIS origin, rubles per tonne, carriage paid to (cpt) inc VAT</i>			
Rebar	35,000-35,000*	0%	19 Mar 18
Hot rolled sheet	43,000-45,000*	0%	19 Mar 18
Cold rolled sheet	47,000-48,950*	0%	19 Mar 18
Plate	45,000-46,200*	2.47% ▲	19 Mar 18

CARBON STEEL - MIDDLE EAST

	Price	Change†	Assessed
Turkish exports			
<i>Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i>			
Billet	580-585*	-1.69% ▼	22 Mar 18
Rebar	585-595*	-2.48% ▼	22 Mar 18
Wire rod (mesh quality)	610-615*	-1.21% ▼	22 Mar 18
Merchant bars	610-620*	-1.6% ▼	22 Mar 18
Structural pipe	680-690*	0%	14 Mar 18
Hot rolled coil	660-670*	0%	23 Mar 18
Hot dip galvanized	830-840*	-3.19% ▼	23 Mar 18
Turkish domestic			
<i>Metal Bulletin's appraisal of prices within Turkey for commercial-quality carbon steel of Turkish origin, \$ per tonne ex-works</i>			
Billet	580-585*	-0.85% ▼	22 Mar 18
Rebar	610-625*	-0.4% ▼	22 Mar 18
Wire rod (mesh quality)	635-640*	-1.54% ▼	22 Mar 18
Hot rolled coil	660-665*	-0.75% ▼	23 Mar 18
Cold rolled coil	740-770*	-2.58% ▼	23 Mar 18
Hot dip galvanized	830-890*	-1.71% ▼	23 Mar 18
Prepainted galvanized	915-970*	0%	23 Mar 18
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	550-560*	-1.77% ▼	22 Mar 18
Hot rolled coil	620-640*	-0.79% ▼	23 Mar 18
Cold rolled coil	670-685*	-1.45% ▼	23 Mar 18

UAE imports

<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	555-560*	1.83% ▲	20 Mar 18
Rebar	615-620*	0%	20 Mar 18
Hot rolled coil	635-660*	2.78% ▲	20 Mar 18
Cold rolled coil	710-720*	0%	20 Mar 18
Hot dip galvanized coil	800-860*	0%	20 Mar 18

Saudi Arabia imports

<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Rebar	615-620*	0%	20 Mar 18
Hot rolled coil	635-650*	0.39% ▲	20 Mar 18

† week-on-week change

continued ➤

	Price	Change	Assessed
UAE domestic			
<i>Metal Bulletin's appraisal of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i>			
Rebar	2,332-2,340*	0%	20 Mar 18
Iran imports			
<i>Metal Bulletin's appraisal of prices quoted by overseas suppliers for commercial-quality carbon steel to Iranian buyers, \$ per tonne cfr Iranian northern ports</i>			
Cold rolled coil	610-630*	0%	21 Mar 18
Hot rolled coil	560-580*	0%	21 Mar 18
Iran exports			
<i>Metal Bulletin's appraisal of prices quoted by overseas suppliers for commercial-quality carbon steel to Iranian buyers, \$ per tonne fob Iranian ports</i>			
Billet	515-530*	0%	21 Mar 18
Slab	545-550*	0%	21 Mar 18
Egyptian domestic			
<i>Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, EE per tonne ex-works</i>			
Rebar	12,790-12,996*	2.63% ▲	22 Mar 18
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	560-565*	0.9% ▲	22 Mar 18

CARBON STEEL - LATIN AMERICA

	Price	Change†	Assessed
Latin American exports			
<i>Metal Bulletin's appraisal 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	500-510*	0%	23 Mar 18
Slab, Brazil	580-590*	0%	23 Mar 18
Rebar	560-565*	0%	23 Mar 18
Wire rod mesh quality	560-565*	0%	23 Mar 18
Heavy plate over 10mm	600-610*	0%	23 Mar 18
Hot rolled coil (dry)	630-635*	0%	23 Mar 18
Cold rolled coil	735-745*	0%	23 Mar 18
Galvanized coil	800-810*	0%	23 Mar 18
South America imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i>			
Plate	650-660*	0%	23 Mar 18
Hot rolled coil	640-650*	0%	23 Mar 18
Cold rolled coil	690-700*	0%	23 Mar 18
Galvanized coil	760-780*	1.99% ▲	23 Mar 18
Argentina domestic \$ per tonne ex-works			
<i>Metal Bulletin's appraisal of prices within Argentina for commercial-quality carbon steel, \$ per tonne</i>			
Hot rolled coil	740-745*	2.06% ▲	09 Mar 18
Cold rolled coil	850-860*	1.48% ▲	09 Mar 18
Galvanized coil	1,070-1,170*	0%	09 Mar 18
Rebar	860-865*	0%	09 Mar 18
Brazil domestic			
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne ex-works</i>			
Hot rolled coil	2,500-2,600*	0%	09 Mar 18
Cold rolled coil	2,800-2,900*	0%	09 Mar 18
Hot dip galvanized coil	3,000-3,200*	0%	09 Mar 18
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,200-2,400*	0%	09 Mar 18

CARBON STEEL - NAFTA

	Price	Change†	Assessed
US imports			
<i>Metal Bulletin's appraisal of prices for imported, non-Nafta origin, commercial-quality carbon steel, \$ per short ton cfr port Houston</i>			
Rebar	576-590*	0%	21 Mar 18
Merchant bars	640-680*	3.12% ▲	02 Mar 18
Wire rod (low carbon)	600-635*	0%	14 Mar 18
Medium sections	700-720*	9.23% ▲	01 Mar 18
Medium plate	900-940*	19.48% ▲	21 Mar 18
Hot rolled coil (commodity)	800-880*	14.68% ▲	21 Mar 18
Cold rolled coil	980-1,000*	20%	21 Mar 18
Hot dipped galvanized 0.012-0.015, G30	1,040-1,200*	13.13% ▲	21 Mar 18
ERW linepipe (X42)	880-900*	3.49% ▲	27 Feb 18
CTG API5CT - casing J55	850-900*	4.17% ▲	27 Feb 18
US domestic			
<i>AMM's appraisal 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)	680-700*	6.15% ▲	21 Mar 18
Wire rod (mesh quality fob mill)	660-660*	4.76% ▲	14 Mar 18
Plate (fob mill)	910-910*	1.11% ▲	16 Mar 18
Hot rolled sheet index (fob mill)	856-856*	2.39% ▲	22 Mar 18
Cold rolled sheet (fob mill)	1,000-1,000*	2.04% ▲	22 Mar 18
Hot-dip galvanized (base) Midwest (fob mill)	1,000-1,000*	2.04% ▲	22 Mar 18
OCTG API5CT - casing J55 (fob mill)	1,000-1,090*	5.82% ▲	27 Feb 18
<i>AMM's appraisal 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)	33.25-33.25*	0%	02 Mar 18

CARBON STEEL - ASIA

	Price	Change†	Assessed
China exports			
<i>Metal Bulletin's appraisal of Chinese mills prices for export of commercial-quality carbon steel, \$ per tonne fob main China port</i>			
Rebar index	551-551*	-2.89% ▼	23 Mar 18
Wire rod (mesh quality)	570-600*	-1.27% ▼	20 Mar 18
Heavy plate	595-610*	-0.41% ▼	20 Mar 18
Hot rolled coil index	586-586*	-1.63% ▼	23 Mar 18
Cold rolled coil	630-635*	-0.39% ▼	20 Mar 18
Galvanized coil 1mm	695-705*	0%	20 Mar 18
Eastern China domestic			
<i>Metal Bulletin's appraisal of prices in eastern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	3,500-3,580*	-7.33% ▼	23 Mar 18
Wire rod (mesh)	3,780-3,890*	-3.16% ▼	23 Mar 18
Sections	3,980-4,100*	-1.82% ▼	23 Mar 18
Plate	4,050-4,160*	-0.85% ▼	23 Mar 18
Hot rolled coil (min 2mm)	3,760-3,800*	-5.26% ▼	23 Mar 18
Cold rolled coil (0.5 - 2 mm)	4,400-4,500*	-3.05% ▼	23 Mar 18
Hot-dip galvanized coil	4,870-5,000*	-0.9% ▼	23 Mar 18
Northern China domestic			
<i>Metal Bulletin's appraisal of prices in northern China for commercial-quality carbon steel of Chinese origin (Tangshan), yuan per tonne ex-works</i>			
Billet	3,510-3,510*	-2.23% ▼	23 Mar 18
<i>Metal Bulletin's appraisal of prices in northern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Hot rolled coil	3,710-3,900*	-2.93% ▼	23 Mar 18
Rebar	3,750-3,900*	-2.55% ▼	23 Mar 18

† week-on-week change

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	Price	Change	Assessed
Southern China domestic			
<i>Metal Bulletin's appraisal of prices in southern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	3,850-3,950*	-3.94% ▼	23 Mar 18
Wire rod (mesh)	3,850-3,950*	-2.5% ▼	23 Mar 18
Sections	4,100-4,150*	-2.25% ▼	23 Mar 18
Plate	4,280-4,360*	-0.46% ▼	23 Mar 18
Hot rolled coil (min 2mm)	3,800-4,000*	-3.47% ▼	23 Mar 18
Cold rolled coil (0.5 - 2 mm)	4,430-4,600*	-2.69% ▼	23 Mar 18
Hot-dip galvanized coil	4,950-5,140*	-1.56% ▼	23 Mar 18
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	560-570*	-0.88% ▼	19 Mar 18
Slab (Asia/East Asia)	565-575*	-0.87% ▼	19 Mar 18
Hot rolled coil (Vietnam)	615-635*	-1.57% ▼	19 Mar 18
Rebar (Singapore)	565-570*	-0.44% ▼	19 Mar 18
Wire rod (low carbon)	600-615*	1.25% ▲	19 Mar 18
Indian exports			
<i>Metal Bulletin's appraisal of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port</i>			
Billet	510-515*	0%	16 Mar 18
Plate (12-40mm)	590-595*	0%	16 Mar 18
Hot rolled coil (commodity)	670-675*	0%	16 Mar 18
Hot-dip galvanized coil	850-855*	0%	16 Mar 18
Indian imports			
<i>Metal Bulletin's appraisal of prices for imported, non-EU origin, commercial-quality carbon steel, \$ per tonne cfr main India port</i>			
Plate (20-60mm)	650-660*	0%	16 Mar 18
Hot rolled coil (commodity)	685-690*	0%	16 Mar 18
Hot rolled coil (CR grade)	645-655*	0%	16 Mar 18
Cold rolled	660-665*	0%	16 Mar 18
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	33,000-33,400*	-0.3% ▼	16 Mar 18
Heavy plate	42,500-43,000*	1.18% ▲	16 Mar 18
Hot rolled coil	43,750-44,250*	0%	16 Mar 18
Cold rolled coil	48,500-49,000*	0%	16 Mar 18
DRI	21,300-21,700*	0%	16 Mar 18
Hot-dip galvanized coil	53,000-53,500*	0%	16 Mar 18
Rebar	37,600-38,000*	2.72% ▲	16 Mar 18

STEELBENCHMARKER™ PRICES

	Price	Change†	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	969	3.97% ▲	12 Mar 18
Standard plate (\$/short ton)	879	3.9% ▲	12 Mar 18
Hot rolled coil (\$/metric tonne)	894	6.68% ▲	12 Mar 18
Hot rolled coil (\$/short ton)	811	6.71% ▲	12 Mar 18
Cold rolled coil (\$/metric tonne)	1,041	7.76% ▲	12 Mar 18
Cold rolled coil (\$/short ton)	944	7.76% ▲	12 Mar 18
Region: Mainland China			
Rebar	530	-3.81% ▼	12 Mar 18
Standard plate	557	-0.36% ▼	12 Mar 18
Hot rolled coil	538	-3.24% ▼	12 Mar 18
Cold rolled coil	630	-1.25% ▼	12 Mar 18
Region: World export market			
Hot rolled coil (\$/metric tonne)	630	2.11% ▲	12 Mar 18

STAINLESS STEEL

	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,170-2,250*	-0.23% ▼	21 Mar 18
Grade 304 HR sheet	2,120-2,200*	-0.23% ▼	21 Mar 18
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,300-15,100*	-1.34% ▼	22 Mar 18
Grade 430 2mm CR coil	9,400-9,450*	-0.26% ▼	22 Mar 18
EU export			
€/tonne fob N.European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,353-2,483*	0%	23 Mar 18
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N.Europe Base price	1,050-1,130*	0%	23 Mar 18
Alloy surcharge	1,303-1,353*	0%	23 Mar 18
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,350-1,430*	0%	23 Mar 18
Alloy surcharge	2,011-2,072*	0%	23 Mar 18
304 stainless steel bright bar, €/tonne			
Base price	990-1,040*	0%	23 Mar 18
Alloy surcharge	1,590-1,626*	0%	23 Mar 18
US domestic			
<i>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	113-113*	3.21% ▲	12 Mar 18
Grade 316 coiled plate	160-160*	5.26% ▲	12 Mar 18
Grade 304 cold rolled sheet	130-130*	4.84% ▲	12 Mar 18
Grade 316L cold rolled sheet	174-174*	6.75% ▲	12 Mar 18
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,540.14*	0.61% ▲	19 Mar 18

CHINA IRON ORE

<i>cfr main China port \$ per dry metric tonne</i>			
	Price	Change†	Assessed
Iron ore index (62% Fe)	64.58*	-7.53% ▼	23 Mar 18
Iron ore pellet index cfr Qingdao (65% Fe)	116.52*	-0.88% ▼	23 Mar 18
Iron ore concentrate index cfr Qingdao (66% Fe)	88.19*	-6.82% ▼	23 Mar 18
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.35*	3.85% ▲	28 Feb 18

IRAN IRON ORE

<i>cfr China US \$ per tonne</i>			
	Price	Change†	Assessed
Iron ore fines index (60% Fe)	66.87-66.87*	3.1% ▲	03 Jan 18

COKING COAL

<i>\$ per metric tonne</i>			
	Price	Change†	Assessed
Premium hard coking coal cfr China	206.89-206.89*	-5.99% ▼	23 Mar 18
Hard coking coal cfr China	203.45-203.45*	-1.09% ▼	23 Mar 18
Premium hard coking coal fob Australia	206.58-206.58*	-4.04% ▼	23 Mar 18
Hard coking coal fob Australia	192.31-192.31*	-3.26% ▼	23 Mar 18
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,500-1,900*	-1.16% ▼	23 Mar 18
65% CSR coke \$/tonne fob China	340-350*	-2.13% ▼	20 Mar 18

† week-on-week change

continued ➤

FERROUS SCRAP				
	Price	Change [†]	Assessed	
UK ferrous scrap domestic				
<i>The following is Metal Bulletin'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>				
<i>£/tonne</i>				
Cut grades				
OA plate and structural	215-240*	15.19% ▲	13 Mar 18	
1&2 old steel	195-220*	16.9% ▲	13 Mar 18	
12A/C new production heavy and shovellable steel	225-250*	14.46% ▲	13 Mar 18	
12D new production heavy and shovellable steel	230-255*	14.12% ▲	13 Mar 18	
Bales and cuttings				
4A new steel bales	230-255*	14.12% ▲	13 Mar 18	
4C new steel bales	220-245*	14.81% ▲	13 Mar 18	
8A new loose light cuttings	215-245*	15% ▲	13 Mar 18	
8B new loose light cuttings	200-230*	16.22% ▲	13 Mar 18	
Turnings				
UK inter-merchant 7B heavy steel turnings	175-195*	19.35% ▲	13 Mar 18	
Cast iron				
9A/10 heavy and light cast iron	195-220*	16.9% ▲	13 Mar 18	
9B/C cylinder block scrap	215-240*	15.19% ▲	13 Mar 18	
11A cast iron borings	135-155*	20.83% ▲	13 Mar 18	
<i>Prices relate to new UK scrap specifications</i>				
<i>Please see MB.com for full explanation of price changes</i>				
UK intermerchant weekly price				
<i>£/tonne</i>				
5C loose old light	105-135*	0%	23 Mar 18	
UK ferrous scrap export				
<i>MB assessment \$ fob main UK port</i>				
HMS 1&2 (80:20 mix)	351-353*	0%	23 Mar 18	
Shredded	356-358*	0%	23 Mar 18	
Indian imports				
<i>MB assessment \$/tonne cfr Nhava Sheva</i>				
MB index cfr India shredded	398.95*	0.08% ▲	16 Mar 18	
HMS 1&2 (80:20 mix)	345-370*	-2.05% ▼	23 Mar 18	
Alloy steel scrap domestic				
<i>UK wholesale merchants' stainless (£/tonne)</i>				
18/8 solids	960-1,000*	0%	23 Mar 18	
18/8 turnings	815-850*	0%	23 Mar 18	
12-13% Cr solids	230-250*	0%	23 Mar 18	
16-17% Cr solids	260-280*	0%	23 Mar 18	
Cif Europe stainless € per tonne				
18/8 solids	1,150-1,200*	0%	23 Mar 18	
18/8 turnings	1,035-1,080*	0%	23 Mar 18	
Rotterdam export				
<i>MB assessment \$/tonne fob Rotterdam</i>				
MB index fob Rotterdam HMS 1&2 (80:20)	348.69*	0.08% ▲	16 Mar 18	
HMS 1&2 (70:30 mix)	344-346*	0%	23 Mar 18	
Shredded	354-356*	0%	23 Mar 18	
Turkish import				
<i>MB assessment \$/tonne cfr main Turkish ports</i>				
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	367.69*	0%	22 Mar 18	
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	377.71*	0%	22 Mar 18	
HMS 1&2 (75:25 mix)	363-365*	0%	23 Mar 18	
Shredded	383-385*	0%	23 Mar 18	

	Price	Change	Assessed	
Turkish domestic				
<i>MB assessment delivered</i>				
Melting scrap from shipbreaking (\$/tonne)	370-372*	2.77% ▲	19 Mar 18	
Auto bundle scrap (Turkish lira/tonne)	1,300-1,520*	5.22% ▲	19 Mar 18	
USA export				
<i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i>				
HMS 1&2 (80:20)	327.66*	0%	21 Mar 18	
Shredded	334.44*	0%	21 Mar 18	
USA domestic				
<i>AMM Midwest index \$/gross ton delivered mill</i>				
No1 heavy melting scrap	330.69*	7.87% ▲	12 Mar 18	
No1 busheling	374.29*	1.27% ▲	12 Mar 18	
Shredded	358.53*	8.83% ▲	12 Mar 18	
China domestic				
<i>yuan/tonne delivered mill</i>				
Heavy scrap	2,360-2,500*	-2.99% ▼	23 Mar 18	
Taiwan import				
<i>\$/tonne cfr main port</i>				
HMS 1&2 (80:20 mix) (USA material)	355-360*	-3.12% ▼	23 Mar 18	
Germany domestic				
<i>€/tonne composite sales price ex-yard, source: BDSV</i>				
No E2/8 (new steel scrap)	271.70	6.3% ▲	01 Mar 18	
No E1 (old steel scrap)	247.20	7.53% ▲	01 Mar 18	
No E3 (old thick steel scrap)	269.70	7.28% ▲	01 Mar 18	
No E40 (shredded steel scrap)	274.30	7.48% ▲	01 Mar 18	
No E5 (steel turnings)	223.80	8.48% ▲	01 Mar 18	
<i>MB assessment €/tonne delivered at mill</i>				
Grade E40 (shredded steel scrap)	285-305	8.26% ▲	16 Mar 18	
No E8 (thin new production steel scrap)	280-300	5.45% ▲	16 Mar 18	
No E3 (old thick scrap)	280-300	6.42% ▲	16 Mar 18	
Italy domestic				
<i>MB assessment €/tonne delivered at mill</i>				
No E3 (old thick scrap)	290	11.11% ▲	20 Mar 18	
No E8 (thin new production steel)	300	10.71% ▲	20 Mar 18	

SCRAP SUBSTITUTES

	Price	Change [†]	Assessed	
EU imports \$/tonne				
Pig iron imports cif Italy	395-415*	0%	22 Mar 18	
Latin American exports \$/tonne, delivery terms as stated				
Hot briquetted iron Venezuela	250-260*	0%	23 Mar 18	
Pig iron fob Vitoria/Rio	385-390*	1.31% ▲	23 Mar 18	
Pig iron fob Ponta da Maderia	400-405*	2.55% ▲	23 Mar 18	
US imports \$/tonne cfr Gulf of Mexico				
Pig iron	405-415*	0%	23 Mar 18	
CIS exports \$/tonne fob main port				
Pig iron Baltic Sea	405-410*	0%	22 Mar 18	
Pig iron Black Sea	370-395*	0%	22 Mar 18	
China domestic yuan/tonne delivered warehouse				
Pig iron	3,000-3,050*	0%	16 Feb 18	

† week-on-week change

continued ➤

NON-FERROUS SCRAP EUROPE

	Price	Change†	Assessed
Aluminium			
European free market MB assessment €/tonne			
Floated frag	1,270-1,300*	0%	16 Mar 18
Cast	1,170-1,240*	-0.82% ▼	16 Mar 18
Mixed turnings 6%	1,090-1,130*	-0.89% ▼	16 Mar 18
Germany per 1000kg			
Pure cuttings	1,350-1,470	-0.35% ▼	21 Mar 18
Commercial cast	1,230-1,350	-0.77% ▼	21 Mar 18
H9 extrusions	1,660-1,750	-0.58% ▼	21 Mar 18
Alloy turnings	1,020-1,140	0%	21 Mar 18
<i>Source: VDM</i>			
France per 1000kg			
Pure cuttings	1,530-1,540	-0.32% ▼	20 Mar 18
Old rolled	780-820	0%	20 Mar 18
Commercial cast	930-980	0%	20 Mar 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,095-1,160	0%	16 Mar 18
Old mixed scrap	1,450-1,505	-0.51% ▼	16 Mar 18
Commercial cast	980-1,020	-0.74% ▼	16 Mar 18
<i>Source: Assomet</i>			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,230-5,410	-1.12% ▼	21 Mar 18
Heavy copper	4,720-4,960	-1.63% ▼	21 Mar 18
Heavy brass	3,400-3,460	-0.87% ▼	21 Mar 18
Brass turnings (MS 58)	3,800-3,970	-1.65% ▼	21 Mar 18
Brass sheet (MS 63)	4,000-4,220	-1.91% ▼	21 Mar 18
<i>Source: Verein Deutscher Metallhandler</i>			
France per 1000kg			
Electro cuttings	4,900-4,950	-1.01% ▼	20 Mar 18
No 1 bright wire	4,550-4,650	-0.54% ▼	20 Mar 18
Mixed (96%)	4,530-4,570	-0.55% ▼	20 Mar 18
Brass plate cuttings 70/30	3,700-3,750	-1.72% ▼	20 Mar 18
Brass turnings	3,300-3,350	0%	20 Mar 18
Mixed brass	3,150-3,200	0.32% ▲	20 Mar 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,205-5,365	-0.66% ▼	16 Mar 18
Enamelled wire EN 12861-S-Cu-3	5,083-5,245	-0.67% ▼	16 Mar 18
New from tubes, strips etc EN 12861-S-Cu-4	5,107-5,335	-0.67% ▼	16 Mar 18
Old from tubes, strips etc 12861-S-Cu-7	4,935-5,105	-0.69% ▼	16 Mar 18
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,240-4,325	-0.46% ▼	16 Mar 18
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,445-3,775	-0.55% ▼	16 Mar 18
Several 95% m/m 12861-S-Cu-Zn-7	3,497-3,575	-0.56% ▼	16 Mar 18
<i>Source: Assomet</i>			

STEELBENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne) **	359	5.9% ▲	12 Mar 18
Shredded scrap (\$/gross ton) **	365	5.8% ▲	12 Mar 18
No 1 heavy melting scrap (\$/metric tonne)	335	8.06% ▲	12 Mar 18
No 1 heavy melting scrap (\$/gross ton)	340	7.94% ▲	12 Mar 18
No 1 busheling scrap (\$/metric tonne)	374	-1.32% ▼	12 Mar 18
No 1 busheling scrap (\$/gross ton)	380	-1.3% ▼	12 Mar 18
**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	1,400-1,450*	-0.7% ▼	21 Mar 18
Commercial pure cuttings	1,160-1,210*	-0.84% ▼	21 Mar 18
Clean HE9 extrusions	1,400-1,450*	-0.7% ▼	21 Mar 18
Loose old rolled cuttings	875-905*	-0.56% ▼	21 Mar 18
Baled old rolled	940-970*	0%	21 Mar 18
Commercial cast	1,030-1,080*	0%	21 Mar 18
Cast wheels	1,270-1,300*	0%	21 Mar 18
Commercial turnings	700-750*	0%	21 Mar 18
Group 7 turnings	605-620*	-2% ▼	21 Mar 18

MB and LME aluminium scrap discounts

<i>£ per tonne</i>			
Group 1 pure 99% & Litho	26-76*	-22.73% ▼	21 Mar 18
Commercial pure cuttings	266-316*	-4.9% ▼	21 Mar 18
Clean HE9 extrusions	26-76*	-22.73% ▼	21 Mar 18
Loose old rolled cuttings	448-478*	-1.28% ▼	21 Mar 18
Baled old rolled	383-413*	-2.69% ▼	21 Mar 18
Commercial cast	273-323*	-3.56% ▼	21 Mar 18
Cast wheels	53-83*	-13.92% ▼	21 Mar 18
Commercial turnings	603-653*	-1.72% ▼	21 Mar 18
Group 7 turnings	733-748*	0.2% ▲	21 Mar 18

Titanium

<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.95-1*	0%	21 Mar 18
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.80-0.90*	0%	21 Mar 18

Copper scrap discount

<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	29-31*	0%	26 Feb 18

† week-on-week change

continued ➤

NON-FERROUS FOUNDRY INGOTS

	Price	Change ¹	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,620-1,670*	0%	21 Mar 18
LM6/LM25 gravity diecasting ingot	1,830-1,870*	0%	21 Mar 18
NB: prices expressed delivered consumer works, LM series as specified in BS1490			
Aluminium Europe			
MB free market			
Duty paid delivered works pressure diecasting ingot price (DIN226/A380) - €/tonne	1,810-1,850*	-0.27% ▼	16 Mar 18
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.98-1*	0%	22 Mar 18
AFFIMET €/tonne			
AS12	3,659	-3.43% ▼	01 Mar 18
AS12 UN	2,935	-1.68% ▼	01 Mar 18
AS9 U3	2,310	-2.12% ▼	01 Mar 18
AS5 U3	2,660	-1.85% ▼	01 Mar 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,430-2,530	0%	21 Mar 18
DIN 231	2,510-2,610	0%	21 Mar 18
DIN 311	2,490-2,590	0%	21 Mar 18
Aluminium bronze £/tonne UK			
AB1 ex-works	4,960	-0.8% ▼	20 Mar 18
AB2 ex-works	5,010	-0.79% ▼	20 Mar 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,050	-0.98% ▼	20 Mar 18
High tensile HTB1 ex-works	4,390	-0.9% ▼	20 Mar 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,730	-0.84% ▼	20 Mar 18
LG4 87/7/3/3 ex-works	5,450	-0.73% ▼	20 Mar 18
G1 1.15 PB ex-works	6,040	-0.66% ▼	20 Mar 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,710	-0.59% ▼	20 Mar 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,260	-0.63% ▼	20 Mar 18
15% P ex-works	6,310	-0.63% ▼	20 Mar 18
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,989	-3.7% ▼	01 Mar 18
Brock Metal ZL5	3,019	-3.55% ▼	01 Mar 18

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BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne	99.80	106.80
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne	163	172.25
Alumina		
Index fob Australia	366.81	
Copper		
US High-grade cathode premium indicator, \$/tonne	121.25	132.28
Nickel		
Free market in warehouse premium		
Europe \$/tonne Uncut cathodes	220	270
4x4 cathodes	347.5	420
Briquettes	270	310
US Melting \$/lb	0.25	0.38
Tin		
European free market		
Spot Premium 99.9%, \$/tonne	340	382.5
Spot premium 99.85%, \$/tonne	250	300
Kuala Lumpur (ex-smelter), \$/tonne	21,537.78	

MINOR METALS

Antimony		
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne	8,481.25	8,700
MMTA Standard grade II, \$/tonne	8,400	8,675
Bismuth		
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb	5.02	5.40
Cadmium		
MB free market		
min 99.95%, in warehouse, cents/lb	118.63	130.13
min 99.99%, in warehouse cents/lb	121.38	138.88
Cobalt		
MB free market		
High Grade, in warehouse, \$/lb	38.09	39.14
Low Grade, in warehouse, \$/lb	37.96	39.05
Germanium Dioxide		
MB free market min 99.99%, \$/kg	968.75	1,218.75
Rotterdam, \$/kg	1,500	1,700
Indium		
MB free market ingots, min 99.97%, in warehouse, \$/kg	305.38	349.75
Magnesium		
MB free market min 99.8%, \$/tonne	2,460	2,560
China free market min 99.8%, \$/tonne	2,450	2,550
Mercury		
MB free market min 99.99%, in warehouse, \$/flask	2,230	3,025

	Low	High
Selenium		
MB free market		
min 99.5% in warehouse, \$/lb	19.5	21.44
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,257.5	2,412.5
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.80	5.35

ORES & ALLOYS

	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdc oxide \$/lb Mo	12.22	12.45
US canned molybdc oxide \$/lb Mo	12.20	12.46
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	30.03	30.41
Tungsten		
European free market APT, \$/mtu	318.5	325.25
Ferro-tungsten		
basis 75% W min, \$/kg	42.19	43.72
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	13.28	13.70
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	59.60	60.99
US Free market 70-80%, \$/lb	27.63	28.48

PRECIOUS METALS

Gold			
London \$/troy oz	Morning	1,333.78	
	Afternoon	1,331.53	
London £/troy oz	Morning	953.71	
	Afternoon	953.87	
\$/troy oz	Handy/Harman	1,330.73	
Palladium			
Morning \$/troy oz		1,023.35	
Afternoon \$/troy oz		1,022.45	
Platinum: per troy oz			
Morning \$/troy oz		990.80	
Afternoon \$/troy oz		988.25	
Rhodium			
European free market min 99.9% in-warehouse, \$/troy oz		1,798.5	1,898.5
Silver			
London			
spot pence/troy oz		1,192.35	
spot cents/troy oz		1,665.93	
Handy/Harman cents/troy oz		1,658.24	

† week-on-week change

continued >

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24, £/tonne	1,620	1,670
LM6/LM25, £/tonne	1,822.5	1,862.5
Aluminium Europe €/tonne	1,833.75	1,875
Phosphor Bronze		
PB1 ex-works, £/tonne	6,725	
Zinc Alloy		
ZL3, £/tonne	3,104	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.40
\$/yen	107.87
\$/€	1.23

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Metal Bulletin 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 2018		February average
	Low	High	
	\$	\$	\$
Aluminium (\$)			
Cash	2,123	2,265.5	2,184.59
3 months	2,129.75	2,267.5	2,173.38
Settlement	2,123.5	2,266	2,184.93
3 months seller	2,130	2,268	2,173.83
Copper Grade A (\$)			
Cash	6,754.75	7,202.25	7,001.33
3 months	6,802.5	7,250.5	7,043.75
Settlement	6,755	7,202.5	7,001.80
3 months seller	6,805	7,251	7,044.45
Copper Grade A (£)			
Settlement	4,887.78	5,316.28	5,012.90
3 months seller	4,898.87	5,335.54	5,024.30
Lead (\$)			
Cash	2,510.5	2,682.75	2,580.29
3 months	2,511	2,655.5	2,575.31
Settlement	2,511	2,683	2,580.83
3 months seller	2,512	2,656	2,576.13
Lead (£)			
Settlement	1,810.45	1,928.42	1,847.61
3 months seller	1,798.18	1,915.31	1,837.28
Nickel (\$)			
Cash	12,410	14,145	13,572.75
3 months	12,465	14,190	13,607.88
Settlement	12,415	14,150	13,576.75
3 months seller	12,470	14,200	13,613.25
Tin (\$)			
Cash	19,957.5	22,102.5	21,680.88
3 months	19,912.5	21,907.5	21,537.38
Settlement	19,960	22,105	21,693.5
3 months seller	19,925	21,910	21,548.5

	Jan-Feb 2018		February average
	Low	High	
	\$	\$	\$
Zinc (\$)			
Cash	3,350.25	3,617.5	3,539.35
3 months	3,330.5	3,585.5	3,498.70
Settlement	3,350.5	3,618	3,539.78
3 months seller	3,331	3,586	3,499.40
Cobalt (\$)			
Cash	75,250	81,750	80,875
3 months	75,250	83,250	81,387.5
Settlement	75,500	82,000	81,125
3 months seller	75,500	83,500	81,637.5
Molybdenum (\$)			
Cash	15,750	15,750	15,750
3 months	15,750	15,750	15,750
Settlement	16,000	16,000	16,000
3 months seller	16,000	16,000	16,000
Aluminium Alloy (\$)			
Cash	1,770	1,955	1,825.54
3 months	1,785	1,970	1,838.63
Settlement	1,771	1,960	1,829.88
3 months seller	1,790	1,975	1,843.25
Nasaa (\$)			
Cash	1,767.5	1,915	1,820.25
3 months	1,804.5	1,937.5	1,856.98
Settlement	1,770	1,920	1,821.85
3 months seller	1,807	1,940	1,860.85

LME SETTLEMENT CONVERSION RATES

\$/£	1.40
\$/YEN	107.93
\$/€	1.23