

Prices

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NEW YORK FUTURES

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	323.75	-0.05%	▼ 22 Feb 18
Open interest	251,063	-2.47%	▼ 21 Feb 18
Stocks (short ton)	228,911	1.36%	▲ 21 Feb 18
Comex: Gold \$/troy oz			
Settlement	1,330.60	-1.59%	▼ 22 Feb 18
Open interest	524,449	-0.74%	▼ 21 Feb 18
Stocks (troy oz)	9,133,050	0.27%	▲ 21 Feb 18
Nymex: Palladium \$/troy oz			
Settlement	1,033.5	2.67%	▲ 22 Feb 18
Stocks (troy oz)	42,911	0%	21 Feb 18
Nymex: Platinum \$/troy oz			
Settlement	999.40	-0.17%	▼ 22 Feb 18
Stocks (troy oz)	187,030	0.21%	▲ 21 Feb 18
Comex: Silver cents/troy oz			
Settlement	1,657.90	-1.18%	▼ 22 Feb 18
Open interest	201,605	2.27%	▲ 21 Feb 18

SHANGHAI FUTURES

	Price	Change [†]	Assessed
Aluminium yuan/tonne	14,300	2%	▲ 23 Feb 18
Copper yuan/tonne	53,330	1.35%	▲ 23 Feb 18
Nickel cathode yuan/tonne	104,280	2.06%	▲ 23 Feb 18
Tin ingot yuan/tonne	146,490	-2.14%	▼ 23 Feb 18
Zinc yuan/tonne	26,515	-0.45%	▼ 23 Feb 18
Steel rebar month 1 yuan/tonne	3,904	-0.79%	▼ 23 Feb 18
Steel rebar month 2 yuan/tonne	3,940	-0.88%	▼ 23 Feb 18
Steel rebar month 3 yuan/tonne	3,898	-0.92%	▼ 23 Feb 18
Weekly stocks deliverable			
Aluminium (tonnes)	811,839	1.01%	▲ 23 Feb 18
Copper (tonnes)	218,532	17.41%	▲ 23 Feb 18
Nickel cathode (tonnes)	55,680	-0.77%	▼ 23 Feb 18
Tin ingot (tonnes)	5,468	7.62%	▲ 23 Feb 18
Zinc (tonnes)	114,887	16.83%	▲ 23 Feb 18
Steel rebar (tonnes)	21,258	0%	23 Feb 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	2,209-2,210	0.92%	▲ 23 Feb 18
Cash unofficial	2,195-2,197	1.93%	▲ 22 Feb 18
3 months official	2,165-2,165.5	-0.69%	▼ 23 Feb 18
3 months unofficial	2,183-2,185	1.53%	▲ 22 Feb 18
LME Tapo notional average price (NAP)	2,185.56	0.63%	▲ 22 Feb 18
LME stocks (tonnes)	1,330,875	2.66%	▲ 22 Feb 18
Aluminium alloy (A380. 1/DIN/D12S) \$			
LME cash official	1,845-1,855	3.35%	▲ 23 Feb 18
LME cash unofficial	1,846-1,856	2.18%	▲ 22 Feb 18
LME 3 months official	1,855-1,865	2.2%	▲ 23 Feb 18
LME 3 months unofficial	1,855-1,865	2.2%	▲ 22 Feb 18
LME stocks (tonnes)	12,800	-1.99%	▼ 22 Feb 18

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,845-1,847	3.48%	▲ 23 Feb 18
LME cash unofficial	1,850-1,860	3.66%	▲ 22 Feb 18
LME 3 months official	1,880-1,885	3.43%	▲ 23 Feb 18
LME 3 months unofficial	1,885-1,895	3.85%	▲ 22 Feb 18
LME stocks (tonnes)	184,000	-0.37%	▼ 22 Feb 18
Copper grade A \$			
LME cash official	7,073-7,073.5	-1.19%	▼ 23 Feb 18
LME cash unofficial	7,106-7,108	-0.23%	▼ 22 Feb 18
LME 3 months official	7,112-7,113	-1.26%	▼ 23 Feb 18
LME 3 months unofficial	7,143-7,145	-0.24%	▼ 22 Feb 18
LME Tapo notional average price (NAP)	6,991.91	0.46%	▲ 22 Feb 18
LME stocks (tonnes)	332,450	-0.1%	▼ 22 Feb 18
Lead \$			
LME cash official	2,532-2,533	-4.04%	▼ 23 Feb 18
LME cash unofficial	2,528.5-2,530.5	-3.51%	▼ 22 Feb 18
LME 3 months official	2,533-2,535	-3.69%	▼ 23 Feb 18
LME 3 months unofficial	2,537-2,539	-2.72%	▼ 22 Feb 18
LME stocks (tonnes)	113,650	-3.17%	▼ 22 Feb 18
Nickel \$			
LME cash official	13,795-13,800	-1.62%	▼ 23 Feb 18
LME cash unofficial	13,705-13,715	-2.23%	▼ 22 Feb 18
LME 3 months official	13,840-13,845	-1.63%	▼ 23 Feb 18
LME 3 months unofficial	13,750-13,760	-2.19%	▼ 22 Feb 18
LME stocks (tonnes)	336,264	-0.79%	▼ 22 Feb 18
Tin \$			
LME cash official	21,625-21,650	-1.09%	▼ 23 Feb 18
LME cash unofficial	21,685-21,735	0.42%	▲ 22 Feb 18
LME 3 months official	21,525-21,535	-0.61%	▼ 23 Feb 18
LME 3 months unofficial	21,550-21,600	0.23%	▲ 22 Feb 18
LME stocks (tonnes)	1,860	0%	22 Feb 18
Zinc special high grade \$			
LME cash official	3,568.5-3,569	-1.35%	▼ 23 Feb 18
LME cash unofficial	3,555.5-3,557.5	-0.28%	▼ 22 Feb 18
LME 3 months official	3,513-3,514	-2.01%	▼ 23 Feb 18
LME 3 months unofficial	3,514-3,516	-0.68%	▼ 22 Feb 18
LME stocks (tonnes)	140,975	-7.04%	▼ 22 Feb 18
Cobalt min 99.3%			
LME cash official	81,000-81,500	-0.61%	▼ 23 Feb 18
LME 3 months official	82,500-83,000	1.22%	▲ 23 Feb 18
LME stocks (tonnes)	499	-6.73%	▼ 22 Feb 18
Molybdenum \$			
LME cash official	15,500-16,000	0%	23 Feb 18
LME 3 months official	15,500-16,000	0%	23 Feb 18
LME stocks (tonnes)	0	0%	22 Feb 18

† week-on-week change

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	Price	Change	Assessed
Gold \$/troy oz			
London morning	1,328.90	-2.19% ▼	23 Feb 18
London afternoon	1,327.95	-1.79% ▼	23 Feb 18
Handy/Harman	1,328.35	-1.78% ▼	22 Feb 18
Silver per troy oz			
London spot pence	1,188	-0.75% ▼	23 Feb 18
London spot cents	1,661	-1.34% ▼	23 Feb 18
Handy/Harman	1,664	-0.42% ▼	22 Feb 18
Palladium \$/troy oz			
London morning	1,024	0.39% ▲	22 Feb 18
London afternoon	1,033	1.57% ▲	22 Feb 18
Platinum \$/troy oz			
London morning	987	-1.79% ▼	22 Feb 18
London afternoon	990	-0.9% ▼	22 Feb 18
Kuala Lumpur tin market			
Tin \$/tonne	21,450	-0.83% ▼	23 Feb 18
ICDX			
Tin PB300 settlement price \$/tonne	21,550	-0.58% ▼	23 Feb 18
Tin PB300 volume, tonnes	25	-75% ▼	23 Feb 18

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change [†]	Assessed
Copper	82,622.02	-0.31% ▼	23 Feb 18
Aluminium	25,813.91	1.84% ▲	23 Feb 18
Lead	29,586.71	-3.19% ▼	23 Feb 18
Zinc	41,687.70	-0.47% ▼	23 Feb 18
Nickel	161,190.90	-0.76% ▼	23 Feb 18
Tin	252,882.83	-0.26% ▼	23 Feb 18

EXCHANGE RATES

	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.3991	-0.41% ▼	23 Feb 18
\$/¥	106.7400	0.45% ▲	23 Feb 18
\$/€	1.2299	-1.4% ▼	23 Feb 18
Closing rates, midpoint			
\$/£	1.3939	-0.85% ▼	22 Feb 18
\$/¥	106.9000	0.61% ▲	22 Feb 18
\$/€	1.2320	-1.28% ▼	22 Feb 18
£/€	1.1314	0.43% ▲	22 Feb 18
\$/CNY	6.3605	0.26% ▲	22 Feb 18

BASE METALS ARBITRAGE

	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-494.76*	7.24% ▲	23 Feb 18
Import arbitrage, yuan/tonne	-3,146.60*	7.31% ▲	23 Feb 18
Copper			
Import arbitrage, \$/tonne	-114.43*	20.86% ▲	23 Feb 18
Import arbitrage, yuan/tonne	-727.77*	20.93% ▲	23 Feb 18
Nickel			
Import arbitrage, \$/tonne	-465.17*	-16.02% ▼	23 Feb 18
Import arbitrage, yuan/tonne	-2,958.41*	-15.97% ▼	23 Feb 18
Zinc			
Import arbitrage, \$/tonne	-158.43*	34.05% ▲	23 Feb 18
Import arbitrage, yuan/tonne	-1,007.58*	34.12% ▲	23 Feb 18

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	160-190*	-12.5% ▼	03 May 17
Rotterdam, Grade A, cathode, cif, \$/tonne	40.0-47.5*	0%	20 Feb 18
North European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-15.0*	0%	20 Feb 18
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	60.0-65.0*	0%	20 Feb 18
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	62.5*	0%	20 Feb 18
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	60.0-65.0*	0%	20 Feb 18
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	62.5*	0%	20 Feb 18
Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	20 Feb 18
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	65.0-80.0*	0%	23 Feb 18
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	73*	0%	23 Feb 18
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	62.0-75.0*	0%	23 Feb 18
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	69*	0%	23 Feb 18
MB free market US: High-grade cathode premium indicator, \$/tonne	121.3-132.3*	0%	20 Feb 18
Aluminium			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	100.0-107.0*	0%	23 Feb 18
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	104*	0%	23 Feb 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	95-105*	0%	20 Feb 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	100*	0%	20 Feb 18
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	5.0-15.0*	0%	20 Feb 18
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	90.0-100.0*	0%	20 Feb 18
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	94*	0%	20 Feb 18
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	95.0-110.0*	0%	20 Feb 18
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	103*	-1.9% ▼	20 Feb 18
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	2,050*	0%	21 Feb 18
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	103.0-103.0*	8.99% ▲	14 Dec 17
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	163.0-173.0*	0%	23 Feb 18
Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne	340.0-365.0*	0%	16 Feb 18
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.140-0.143*	6.6% ▲	20 Feb 18
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	260.0-280.0*	1.89% ▲	20 Feb 18

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	170.0-180.0*	0%	20 Feb 18
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	280.0-300.0*	0%	16 Feb 18
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-15.0*	0%	20 Feb 18
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	20 Feb 18
USA lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	20 Feb 18
USA lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	20 Feb 18
USA lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	20 Feb 18
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	250.0-280.0*	0%	20 Feb 18
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	265*	0%	20 Feb 18
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	220.0-250.0*	0%	20 Feb 18
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	235*	0%	20 Feb 18
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	120-200*	0%	20 Feb 18
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-20*	0%	20 Feb 18
uncut cathodes premium indicator	220.0-270.0*	0%	20 Feb 18
4x4 cathodes premium indicator	350.0-420.0*	0.65% ▲	20 Feb 18
briquettes premium indicator	270.0-310.0*	0%	20 Feb 18
US: melting premium indicator, \$/lb	0.250-0.380*	1.61% ▲	20 Feb 18
Tin			
MB European free market			
Spot premium 99.9%, \$/tonne	360-400*	0%	20 Feb 18
Spot premium 99.85%, \$/tonne	250-300*	0%	20 Feb 18
United States New York spot, cents/lb	1,012-1,013	0.1% ▲	22 Feb 18
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	80.0-90.0*	0%	20 Feb 18
MB EU: Special high grade, fca Rotterdam, \$/tonne	125.0-140.0*	-5.36% ▼	20 Feb 18
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	75.0-90.0*	0%	20 Feb 18
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0*	0%	20 Feb 18
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	86*	0%	20 Feb 18
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	125.0-140.0*	0%	20 Feb 18
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	132*	0%	20 Feb 18
MB US: Special high grade, \$/lb	0.083-0.093*	0%	20 Feb 18

BASE METALS			
	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,750.0-2,850.0*	0%	22 Feb 18
Alumina Index fob Australia	357.42*	-1.72% ▼	22 Feb 18
Alumina Index fob Brazil	1.39*		15 Feb 18
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	358.81*		22 Feb 18
Aluminium			
Shanghai bonded aluminium stocks, tonnes	6,000-8,000*	0%	02 Feb 18
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	15 Feb 18
fob Trombetas, Brazil \$/tonne per dmtu	38*	0%	15 Feb 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):	5,709.5-5,734.8	-0.64% ▼	14 Feb 18
cathodes:	5,690.0-5,730.0	-0.7% ▼	14 Feb 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	98,647.640	-3.39% ▼	01 Feb 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	6.95-6.95*	-2.93% ▼	15 Feb 18
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	69.5-69.5*	-2.93% ▼	15 Feb 18
Shanghai bonded copper stocks, tonnes	470,000-480,000*	4.4% ▲	12 Feb 18
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	990-1,000*	0%	20 Feb 18
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	990-1,010*	0%	20 Feb 18
Shanghai bonded nickel stocks, tonnes	19,000-24,000*	-30.65% ▼	02 Feb 18
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	34-36*	0%	20 Feb 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	50-52*	0%	20 Feb 18
Lead			
Germany: (VDM) virgin soft, €/tonne	2,230-2,270	-0.44% ▼	14 Feb 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	3,020-3,020	0.67% ▲	14 Feb 18
UK: Special high grade, delivered monthly average price £/tonne	2,654*	1.84% ▲	01 Feb 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	203,000-205,000*	29.52% ▲	02 Feb 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	930-1,030*	0.51% ▲	23 Feb 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	980	1.03% ▲	23 Feb 18
Englehard base price: \$/troy oz	990	0%	23 Feb 18
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,033-1,048*	1.66% ▲	23 Feb 18
Englehard base price: \$/troy oz	1,047	4.91% ▲	23 Feb 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,048	1.55% ▲	23 Feb 18
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	990-1,001*	-1.24% ▼	23 Feb 18
Englehard base price: \$/troy oz	1,000	1.52% ▲	23 Feb 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,001	-1.57% ▼	23 Feb 18
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,800-1,900*	0%	23 Feb 18
Englehard base price: \$/troy oz	1,850	0.54% ▲	23 Feb 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,850	0.54% ▲	23 Feb 18
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	185-225*	2.5% ▲	23 Feb 18
Englehard base price: \$/troy oz	200	0%	23 Feb 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	200	1.52% ▲	23 Feb 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	8,500-8,800*	0.58% ▲	23 Feb 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,400-8,800*	0.58% ▲	23 Feb 18
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	52,000-52,500*	0%	21 Feb 18
Arsenic			
MB free market \$/lb	0.70-1.05*	-18.6% ▼	16 Feb 18
Bismuth			
MB free market \$/lb	5.05-5.40*	0.48% ▲	23 Feb 18
MB China domestic, min 99.99%, yuan/tonne	71,000-72,000*	0%	23 Feb 18
Cadmium			
MB free market min 99.95% cents/lb	130-140*	6.72% ▲	23 Feb 18
MB free market min 99.99% cents/lb	135-155*	9.85% ▲	23 Feb 18
Chromium			
MB free market alumino-thermic min 99% \$/tonne	10,000-10,500*	5.13% ▲	23 Feb 18
Cobalt			
MB free market high-grade \$/lb	38.5-39.40*	0.39% ▲	23 Feb 18
MB free market low-grade \$/lb	38.5-39.30*	0.65% ▲	23 Feb 18
MB high-grade, weighted average of all confirmed international trades, \$/lb	38.97*	0.28% ▲	23 Feb 18
MB low-grade, weighted average of all confirmed international trades, \$/lb	38.81*	2.13% ▲	23 Feb 18
MB China domestic, min 99.8% yuan/tonne	600,000-640,000*	3.33% ▲	23 Feb 18
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	440,000-460,000*	0.56% ▲	23 Feb 18

	Price	Change	Assessed
Gallium			
MB free market \$/kg	185-230*	2.47% ▲	23 Feb 18
MB China domestic, min 99.99%, yuan/kg	1,200-1,300*	0%	21 Feb 18
Germanium			
Germanium dioxide MB free market \$/kg	1,000-1,250*	4.65% ▲	23 Feb 18
Germanium metal \$/kg Rotterdam	1,500-1,700*	0%	23 Feb 18
Germanium metal MB China domestic, min 99.999%, yuan/kg	10,500-11,000*	0%	21 Feb 18
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	850-950*	0%	16 Feb 18
Indium			
MB free market \$/kg	310-360*	1.21% ▲	23 Feb 18
MB China domestic, min 99.99% yuan/kg	1,800-1,850*	0%	21 Feb 18
Indium Corp ingots min 99.97% \$/kg fob	440	-40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,460-2,560*	0%	23 Feb 18
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,450-2,550*	0%	23 Feb 18
MB Chinese free market min 99% Mg, ex-works yuan/tonne	15,100-15,300*	0.33% ▲	23 Feb 18
Manganese flake			
MB free market \$/tonne	2,100-2,220*	0.58% ▲	23 Feb 18
Mercury			
MB free market \$ per flask	2,230-3,250*	8.95% ▲	16 Feb 18
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	623-658*	-11.66% ▼	16 Feb 18
APR catalytic grade \$/kg Re	1,450-1,600*	0%	16 Feb 18
Selenium			
MB free market \$/lb	20-21.5*	1.22% ▲	23 Feb 18
MB China domestic, min 99.9%, yuan/kg	270-300*	0%	23 Feb 18
Selenium dioxide, MB China domestic, min 98%, yuan/kg	180-190*	0%	23 Feb 18
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,300-2,500*	0%	23 Feb 18
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	2,150-2,200*	0%	23 Feb 18
US free market cents/lb	143-145*	2.13% ▲	12 Feb 18
Export from mainland China min 98.5%, \$/tonne fob	2,000-2,050*	0%	23 Feb 18
Tellurium			
MB free market \$/kg	41-55*	-13.51% ▼	23 Feb 18
MB China domestic, min 99.99%, yuan/kg	450-500*	0%	23 Feb 18
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.80-5.40*	0.99% ▲	21 Feb 18
Titanium ores \$/tonne			
Rutile conc min 95% Tio2 bagged, fob/Aus	950-1,200	0%	22 Feb 18
Rutile bulk conc min 95% Tio2 fob/Aus	800-900	0%	22 Feb 18
Ilmenite concentrate, 47-49% Tio2 cif China	175-200	0%	22 Feb 18

† week-on-week change

continued ➤

NOBLE ALLOYS & ORES				
	Price	Change†		Assessed
Molybdenum molybdc oxide				
Europe drummed molybdc oxide \$/lb Mo	12.55-12.75*	3.27%	▲	23 Feb 18
US canned molybdc oxide \$/lb Mo	12.60-12.75*	2.22%	▲	22 Feb 18
Ferro-molybdenum				
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	30.40-30.60*	1.58%	▲	23 Feb 18
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	13.80-14.05*	0.72%	▲	22 Feb 18
MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu	1,600-1,650*	0%		21 Feb 18
Tungsten				
European free market APT \$/mtu	319-326*	0.16%	▲	23 Feb 18
Export from mainland China APT Chinese No1 grade, min 88.5% WO3, S/mtu fob	320-322*	0%		21 Feb 18
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	110,000-111,000*	0%		21 Feb 18
Ferro-tungsten				
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	42.5-43.75*	0%		23 Feb 18
China export min 75% \$/kg W, fob China	42-44.5*	0%		21 Feb 18
Vanadium				
Ferro-vanadium basis 78% min, fob, China \$/kg V	58-60.5*	0%		22 Feb 18
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	61.90-62.30*	2.22%	▲	23 Feb 18
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	28.60-29.5*	1.75%	▲	22 Feb 18
Vanadium pentoxide 98% min, fob, China \$/lb V2O5	13-13.60*	0%		22 Feb 18
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O5	13.5-14*	0.73%	▲	23 Feb 18
Zircon				
Foundry grade bulk \$/tonne fob Australia	950-1,000	0%		01 Feb 18
Premium bulk \$/tonne fob Australia	1,170-1,270	0%		22 Feb 18
BULK ALLOYS				
	Price	Change†		Assessed
Ferro-chrome \$/lb Cr				
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	1.02*	0.99%	▲	16 Feb 18
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.37*	-2.14%	▼	16 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,900-8,200*	0%		23 Feb 18
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,650-7,900*	0%		23 Feb 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	1.28-1.40*	0.75%	▲	23 Feb 18
0.10% C average 60-70% Cr	2.25-2.40*	-0.43%	▼	23 Feb 18
European low carbon in-warehouse 0.06% C max - 65% Cr	2.28-2.44*	-1.05%	▼	23 Feb 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 Feb 18
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	1.01-1.05*	1.48%	▲	22 Feb 18
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	1.01-1.04*	1.49%	▲	22 Feb 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	1.400-1.480*	0.7%	▲	22 Feb 18
0.05% C - 65% min Cr	2.40-2.45*	2.11%	▲	22 Feb 18
0.10% C - 62% min Cr	2.32-2.35*	1.08%	▲	22 Feb 18
0.15% C - 60% min Cr	2.20-2.27*	0.9%	▲	22 Feb 18
Chrome ore \$/tonne				
<i>Chrome ore cif main Chinese ports</i>				
South African UG2 chrome ore concs, index basis 42%	229*	0%		16 Feb 18
Turkish lumpy 40-42% cfr main Chinese ports	325-330*	0%		23 Feb 18
Ferro-manganese				
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,070-1,125*	0%		23 Feb 18
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,540-1,620*	0%		22 Feb 18
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.08-1.10*	0%		22 Feb 18
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	7,300-7,500*	0%		23 Feb 18
Manganese ore				
44% Mn, cif Tianjin \$/dmtu of metal contained	7.52*	0.13%	▲	23 Feb 18
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	6.85*	-0.29%	▼	23 Feb 18
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	1.70-1.75*	0%		21 Feb 18
Ferro-nickel				
China premium, 26-32% nickel contained, cif China, \$/tonne	170-350*	0%		29 Jan 18
Ferro-silicon				
Lumpy basis 75% Si (scale pro rata) €/tonne	1,650-1,700*	0%		23 Feb 18
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1.12-1.14*	0%		22 Feb 18
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,600-1,650*	0%		23 Feb 18
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	7,400-8,400*	0%		23 Feb 18
Silico-manganese				
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	1,025-1,075*	0%		23 Feb 18
US free market \$/lb in-warehouse Pittsburgh	0.68-0.70*	0%		22 Feb 18
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	8,100-8,400*	0%		23 Feb 18
65% min Mn 16% min Si \$/tonne fob India	1,220-1,260*	4.42%	▲	23 Feb 18

† week-on-week change

continued ➤

CARBONSTEEL - 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	520-535*	-0.94%	▼	21 Feb 18
Wire rod (mesh quality)	510-535*	-1.88%	▼	21 Feb 18
Plate (8-40mm)	550-565*	1.36%	▲	21 Feb 18
Hot rolled coil	550-570*	0.9%	▲	21 Feb 18
Cold rolled coil	620-650*	0.79%	▲	21 Feb 18
Hot-dip galvanized coil	650-670*	-0.75%	▼	21 Feb 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*	-1.94%	▼	21 Feb 18
Wire rod (mesh quality)	510-530*	0.97%	▲	21 Feb 18
Plate (8-40mm)	540-560*	1.85%	▲	21 Feb 18
Hot rolled coil	550-560*	0%		21 Feb 18
Cold rolled coil	620-630*	0%		21 Feb 18
Hot-dip galvanized coil	670-680*	0.37%	▲	21 Feb 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	480-490*	-1.02%	▼	21 Feb 18
Wire rod (mesh quality)	510-515*	-0.49%	▼	21 Feb 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 Feb 18
Wire rod (mesh quality)	545-560*	0%		21 Feb 18
Sections (medium)	650-670*	0.76%	▲	21 Feb 18
Beams	620-640*	0%		21 Feb 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	510-535*	-0.95%	▼	21 Feb 18
Wire rod (mesh quality)	530-555*	0%		21 Feb 18
Sections (medium)	625-660*	0.39%	▲	21 Feb 18
Beams	625-640*	0%		21 Feb 18
Central Europe domestic € per tonne ex-works				
Hot rolled coil	550-560*	0%		21 Feb 18
Poland domestic zloty per tonne ex-works				
Rebar	2,310-2,340*	0%		23 Feb 18
Northern Europe € per tonne ex-works				
Plate (8-40mm)	585-610*	-0.42%	▼	21 Feb 18
Hot rolled coil	565-580*	0.44%	▲	21 Feb 18
Cold rolled coil	660-680*	0%		21 Feb 18
Hot-dip galvanized coil	680-700*	0%		21 Feb 18
Southern Europe € per tonne ex-works				
Plate (8-40mm)	570-580*	1.77%	▲	21 Feb 18
Hot rolled coil	560-570*	0%		21 Feb 18
Cold rolled coil	640-650*	0.39%	▲	21 Feb 18
Hot-dip galvanized coil	650-670*	0.38%	▲	21 Feb 18
CARBONSTEEL - 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	500-510*	-1.46%	▼	21 Feb 18

CARBONSTEEL - 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	513*	3.01%	▲	19 Feb 18
Slab	540-550*	1.4%	▲	19 Feb 18
Rebar	565-580*	2.69%	▲	19 Feb 18
Wire rod (mesh)	590-610*	2.13%	▲	19 Feb 18
Heavy plate (10-50mm)	600-650*	4.17%	▲	19 Feb 18
Hot rolled coil	585-600*	1.72%	▲	19 Feb 18
Cold rolled coil	625-635*	-1.56%	▼	19 Feb 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	35,000-35,500*	0%		19 Feb 18
Hot rolled sheet	42,000-43,000*	0%		19 Feb 18
Cold rolled sheet	46,000-47,000*	0%		19 Feb 18
Plate	43,000-44,000*	0%		19 Feb 18
CARBONSTEEL - 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	555-565*	3.23%	▲	22 Feb 18
Rebar	585-595*	3.51%	▲	22 Feb 18
Wire rod (mesh quality)	600-610*	3.42%	▲	22 Feb 18
Merchant bars	620-630*	2.46%	▲	22 Feb 18
Structural pipe	680-690*	1.48%	▲	14 Feb 18
Hot rolled coil	620-640*	-1.56%	▼	23 Feb 18
Hot dip galvanized	785-790*	0.32%	▲	23 Feb 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	550-560*	3.74%	▲	22 Feb 18
Rebar	590-620*	2.98%	▲	22 Feb 18
Wire rod (mesh quality)	610-630*	0%		22 Feb 18
Hot rolled coil	640-650*	1.18%	▲	23 Feb 18
Cold rolled coil	720-750*	4.26%	▲	23 Feb 18
Hot dip galvanized	790-810*	1.91%	▲	23 Feb 18
Prepainted galvanized	885-890*	1.72%	▲	23 Feb 18
Turkish imports				
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>				
Billet	525-540*	3.4%	▲	22 Feb 18
Hot rolled coil	600-620*	0%		23 Feb 18
Cold rolled coil	650-660*	0%		23 Feb 18
UAE imports				
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>				
Billet	530-535*	3.9%	▲	20 Feb 18
Rebar	560-570*	0%		20 Feb 18
Hot rolled coil	625-650*	-1.16%	▼	20 Feb 18
Cold rolled coil	680-700*	-2.13%	▼	20 Feb 18
Hot dip galvanized coil	840-850*	3.68%	▲	20 Feb 18
Saudi Arabia imports				
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>				
Rebar	565-580*	0%		20 Feb 18
Hot rolled coil	650-660*	1.55%	▲	20 Feb 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 Feb 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 Feb 18
Hot rolled coil	560-580*	0%	21 Feb 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	495-510*	2.03% ▲	21 Feb 18
Slab	505-510*	0%	21 Feb 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	11,950-11,980*	0%	22 Feb 18
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	515-530*	0.48% ▲	22 Feb 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 Feb 18
Slab, Brazil	540-545*	1.4% ▲	23 Feb 18
Rebar	560-565*	0%	23 Feb 18
Wire rod mesh quality	560-565*	0%	23 Feb 18
Heavy plate over 10mm	600-610*	0%	23 Feb 18
Hot rolled coil (dry)	630-635*	10% ▲	23 Feb 18
Cold rolled coil	720-735*	2.11% ▲	23 Feb 18
Galvanized coil	800-810*	0%	23 Feb 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	590-600*	0%	23 Feb 18
Hot rolled coil	600-610*	0%	23 Feb 18
Cold rolled coil	640-650*	0%	23 Feb 18
Galvanized coil	700-710*	0%	23 Feb 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	720-735*	0%	09 Feb 18
Cold rolled coil	840-845*	0%	09 Feb 18
Galvanized coil	1,070-1,170*	0%	09 Feb 18
Rebar	860-865*	2.07% ▲	09 Feb 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*	8.51% ▲	09 Feb 18
Cold rolled coil	2,800-2,900*	7.55% ▲	09 Feb 18
Hot dip galvanized coil	3,000-3,200*	6.16% ▲	09 Feb 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 Feb 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*	1.57% ▲	21 Feb 18
Merchant bars	620-660*	3.23% ▲	26 Jan 18
Wire rod (low carbon)	581-600*	0.77% ▲	14 Feb 18
Medium sections	640-660*	5.26% ▲	25 Jan 18
Medium plate	680-725*	0%	21 Feb 18
Hot rolled coil (commodity)	660-715*	0%	21 Feb 18
Cold rolled coil	770-810*	1.94% ▲	21 Feb 18
Hot dipped galvanized 0.012-0.015, G30	930-990*	1.86% ▲	21 Feb 18
ERW linepipe (X42)	850-870*	4.88% ▲	30 Jan 18
CTG API5CT - casing J55	830-850*	0.9% ▲	30 Jan 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)	640-660*	3.17% ▲	21 Feb 18
Wire rod (mesh quality fob mill)	630-630*	0%	14 Feb 18
Plate (fob mill)	800-800*	0%	16 Feb 18
Hot rolled sheet index (fob mill)	773-773*	3.98% ▲	22 Feb 18
Cold rolled sheet (fob mill)	905-905*	0.56% ▲	22 Feb 18
Hot-dip galvanized (base) Midwest (fob mill)	880-880*	0%	22 Feb 18
OCTG API5CT - casing J55 (fob mill)	975-1,000*	3.95% ▲	30 Jan 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*	9.92% ▲	26 Jan 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	554-554*	0.08% ▲	23 Feb 18
Wire rod (mesh quality)	565-580*	0.44% ▲	13 Feb 18
Heavy plate	570-575*	0%	20 Feb 18
Hot rolled coil index	594-594*	0.41% ▲	23 Feb 18
Cold rolled coil	610-615*	0%	20 Feb 18
Galvanized coil 1mm	670-680*	0%	20 Feb 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	3,900-3,950*	0.9% ▲	23 Feb 18
Wire rod (mesh)	3,970-4,000*	-1.12% ▼	23 Feb 18
Sections	4,100-4,150*	0%	23 Feb 18
Plate	4,040-4,120*	0.37% ▲	23 Feb 18
Hot rolled coil (min 2mm)	4,090-4,110*	-0.49% ▼	23 Feb 18
Cold rolled coil (0.5 - 2 mm)	4,660-4,730*	0.32% ▲	23 Feb 18
Hot-dip galvanized coil	4,920-5,030*	0.81% ▲	23 Feb 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	3,600-3,600*	-0.28% ▼	23 Feb 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	3,980-4,030*	-0.25% ▼	23 Feb 18
Rebar	4,000-4,040*	1.64% ▲	23 Feb 18

† week-on-week change

continued ➤

	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	4,200-4,250*	0.72% ▲	23 Feb 18
Wire rod (mesh)	4,150-4,170*	-0.36% ▼	23 Feb 18
Sections	4,200-4,250*	0%	23 Feb 18
Plate	4,160-4,220*	-0.36% ▼	23 Feb 18
Hot rolled coil (min 2mm)	4,150-4,180*	-0.72% ▼	23 Feb 18
Cold rolled coil (0.5 - 2 mm)	4,680-4,780*	0.75% ▲	23 Feb 18
Hot-dip galvanized coil	5,130-5,200*	0.49% ▲	23 Feb 18
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	535-550*	0%	19 Feb 18
Slab (Asia/East Asia)	535-545*	0%	19 Feb 18
Hot rolled coil (Vietnam)	607-620*	0%	19 Feb 18
Rebar (Singapore)	560-570*	0%	19 Feb 18
Wire rod (low carbon)	575-590*	0%	19 Feb 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	510-520*	-1.44% ▼	23 Feb 18
Plate (12-40mm)	585-595*	0.43% ▲	23 Feb 18
Hot rolled coil (commodity)	645-650*	0%	23 Feb 18
Hot-dip galvanized coil	835-840*	0%	23 Feb 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*	8.71% ▲	23 Feb 18
Hot rolled coil (commodity)	630-635*	0%	23 Feb 18
Hot rolled coil (CR grade)	645-655*	0%	23 Feb 18
Cold rolled	630-640*	0%	23 Feb 18
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	33,000-33,600*	1.68% ▲	23 Feb 18
Heavy plate	41,000-41,500*	0%	23 Feb 18
Hot rolled coil	42,750-43,250*	0%	23 Feb 18
Cold rolled coil	47,500-48,000*	0%	23 Feb 18
DRI	21,000-21,400*	1.19% ▲	23 Feb 18
Hot-dip galvanized coil	52,000-52,500*	0%	23 Feb 18
Rebar	36,500-36,900*	0.96% ▲	23 Feb 18

STEELBENCHMARKER™ PRICES

	Price	Change†	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	881	4.88% ▲	12 Feb 18
Standard plate (\$/short ton)	800	4.99% ▲	12 Feb 18
Hot rolled coil (\$/metric tonne)	794	7.88% ▲	12 Feb 18
Hot rolled coil (\$/short ton)	720	7.78% ▲	12 Feb 18
Cold rolled coil (\$/metric tonne)	945	3.73% ▲	12 Feb 18
Cold rolled coil (\$/short ton)	857	3.75% ▲	12 Feb 18
Region: Mainland China			
Rebar	538	1.51% ▲	12 Feb 18
Standard plate	549	2.04% ▲	12 Feb 18
Hot rolled coil	549	1.67% ▲	12 Feb 18
Cold rolled coil	636	0.95% ▲	12 Feb 18
Region: World export market			
Hot rolled coil (\$/metric tonne)	595	1.54% ▲	12 Feb 18

STAINLESS STEEL

	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,250-2,320*	0%	21 Feb 18
Grade 304 HR sheet	2,180-2,240*	0%	21 Feb 18
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,800-15,500*	0%	22 Feb 18
Grade 430 2mm CR coil	9,600-9,700*	0%	22 Feb 18
EU export			
€/tonne fob N.European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,355-2,425*	0.21% ▲	23 Feb 18
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N.Europe Base price	1,060-1,110*	0.46% ▲	23 Feb 18
Alloy surcharge	1,295-1,315*	0%	23 Feb 18
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,360-1,430*	0%	23 Feb 18
Alloy surcharge	1,923-1,963*	0%	23 Feb 18
304 stainless steel bright bar, €/tonne			
Base price	990-1,040*	-0.49% ▼	23 Feb 18
Alloy surcharge	1,560-1,642*	0%	23 Feb 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	109-109*	1.87% ▲	12 Feb 18
Grade 316 coiled plate	152-152*	6.67% ▲	12 Feb 18
Grade 304 cold rolled sheet	124-124*	2.06% ▲	12 Feb 18
Grade 316L cold rolled sheet	163-163*	4.49% ▲	12 Feb 18
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,515.56*	1.33% ▲	19 Feb 18

CHINA IRON ORE

<i>cfr main China port \$ per dry metric tonne</i>			
	Price	Change†	Assessed
Iron ore index (62% Fe)	78.82*	0.5% ▲	23 Feb 18
Iron ore pellet index cfr Qingdao (65% Fe)	119.24*	0%	23 Feb 18
Iron ore concentrate index cfr Qingdao (66% Fe)	99.01*	0.15% ▲	23 Feb 18
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.30*	20.37% ▲	01 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	227.23-227.23*	0%	23 Feb 18
Hard coking coal cfr China	199.42-199.42*	0%	23 Feb 18
Premium hard coking coal fob Australia	233.52-233.52*	1.72% ▲	23 Feb 18
Hard coking coal fob Australia	195.51-195.51*	1.3% ▲	23 Feb 18
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,570-1,950*	0%	23 Feb 18
65% CSR coke \$/tonne fob China	350-355*	0%	20 Feb 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	185-210*	-11.24% ▼	13 Feb 18
1&2 old steel	165-190*	-12.35% ▼	13 Feb 18
12A/C new production heavy and shovellable steel	195-220*	-8.79% ▼	13 Feb 18
12D new production heavy and shovellable steel	200-225*	-8.6% ▼	13 Feb 18
Bales and cuttings			
4A new steel bales	200-225*	-8.6% ▼	13 Feb 18
4C new steel bales	190-215*	-8.99% ▼	13 Feb 18
8A new loose light cuttings	185-215*	-9.09% ▼	13 Feb 18
8B new loose light cuttings	170-200*	-9.76% ▼	13 Feb 18
Turnings			
UK inter-merchant 7B heavy steel turnings	145-165*	-11.43% ▼	13 Feb 18
Cast iron			
9A/10 heavy and light cast iron	165-190*	-12.35% ▼	13 Feb 18
9B/C cylinder block scrap	185-210*	-11.24% ▼	13 Feb 18
11A cast iron borings	110-130*	-14.29% ▼	13 Feb 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	95-125*	4.76% ▲	23 Feb 18
UK ferrous scrap export			
<i>MB assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	335-337*	2.44% ▲	23 Feb 18
Shredded	340-342*	2.4% ▲	23 Feb 18
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	381.59*	0.75% ▲	23 Feb 18
HMS 1&2 (80:20 mix)	350-370*	2.86% ▲	23 Feb 18
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	950-990*	-1.52% ▼	23 Feb 18
18/8 turnings	810-840*	-1.49% ▼	23 Feb 18
12-13% Cr solids	230-250*	0%	23 Feb 18
16-17% Cr solids	260-280*	0%	23 Feb 18
Cif Europe stainless € per tonne			
18/8 solids	1,150-1,180*	0.87% ▲	23 Feb 18
18/8 turnings	1,035-1,060*	0.72% ▲	23 Feb 18
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	330.63*	2.39% ▲	23 Feb 18
HMS 1&2 (70:30 mix)	326-328*	3.15% ▲	23 Feb 18
Shredded	336-338*	3.06% ▲	23 Feb 18
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	350.77*	1.84% ▲	23 Feb 18
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	360.60*	1.89% ▲	23 Feb 18
HMS 1&2 (75:25 mix)	345-347*	2.98% ▲	23 Feb 18
Shredded	356-371*	2.11% ▲	23 Feb 18

	Price	Change	Assessed
Turkish domestic			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	355-358*	0.71% ▲	19 Feb 18
Auto bundle scrap (Turkish lira/tonne)	1,260-1,390*	0.19% ▲	19 Feb 18
USA export			
<i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	327.66*	1.64% ▲	21 Feb 18
Shredded	334.44*	2.39% ▲	21 Feb 18
USA domestic			
<i>AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	306.56*	-0.51% ▼	12 Feb 18
No1 busheling	369.58*	-0.19% ▼	12 Feb 18
Shredded	329.45*	-0.03% ▼	12 Feb 18
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,300-2,530*	0%	23 Feb 18
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	330-340*	3.88% ▲	23 Feb 18
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	255.60	-5.54% ▼	01 Feb 18
No E1 (old steel scrap)	229.90	-5.97% ▼	01 Feb 18
No E3 (old thick steel scrap)	251.40	-5.6% ▼	01 Feb 18
No E40 (shredded steel scrap)	255.20	-6.49% ▼	01 Feb 18
No E5 (steel turnings)	206.30	-7.32% ▼	01 Feb 18
<i>MB assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	265-280	-6.03% ▼	22 Feb 18
No E8 (thin new production steel scrap)	270-280	-4.35% ▼	22 Feb 18
No E3 (old thick scrap)	265-280	-5.22% ▼	22 Feb 18
Italy domestic			
<i>MB assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	260	-10% ▼	21 Feb 18
No E8 (thin new production steel)	270	-12.5% ▼	21 Feb 18

SCRAP SUBSTITUTES

	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	365-370*	0%	22 Feb 18
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	230-240*	0%	23 Feb 18
Pig iron fob Vitoria/Rio	375-380*	0%	23 Feb 18
Pig iron fob Ponta da Maderia	380-385*	-2.55% ▼	23 Feb 18
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	380-390*	-2.53% ▼	23 Feb 18
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	390-395*	1.29% ▲	22 Feb 18
Pig iron Black Sea	345-370*	0%	22 Feb 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	1,300-1,330*	0%	16 Feb 18
Cast	1,200-1,270*	0%	16 Feb 18
Mixed turnings 6%	1,130-1,175*	0%	16 Feb 18
Germany per 1000kg			
Pure cuttings	1,360-1,440	-1.41% ▼	14 Feb 18
Commercial cast	1,250-1,350	1.96% ▲	14 Feb 18
H9 extrusions	1,680-1,780	-2.26% ▼	14 Feb 18
Alloy turnings	1,030-1,130	-2.26% ▼	14 Feb 18
<i>Source: VDM</i>			
France per 1000kg			
Pure cuttings	1,620-1,660	4.13% ▲	20 Feb 18
Old rolled	800-840	0%	20 Feb 18
Commercial cast	1,020-1,040	0%	20 Feb 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,100-1,200	-0.43% ▼	16 Feb 18
Old mixed scrap	1,490-1,560	0.66% ▲	16 Feb 18
Commercial cast	1,010-1,060	-0.48% ▼	16 Feb 18
<i>Source: Assomet</i>			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,340-5,520	-1.09% ▼	14 Feb 18
Heavy copper	4,820-4,970	-0.61% ▼	14 Feb 18
Heavy brass	3,400-3,460	-1.15% ▼	14 Feb 18
Brass turnings (MS 58)	3,830-3,950	-1.52% ▼	14 Feb 18
Brass sheet (MS 63)	4,030-4,200	-0.48% ▼	14 Feb 18
<i>Source: Verein Deutscher Metallhandler</i>			
France per 1000kg			
Electro cuttings	5,050-5,100	2.01% ▲	20 Feb 18
No 1 bright wire	4,700-4,740	2.05% ▲	20 Feb 18
Mixed (96%)	4,650-4,700	2.19% ▲	20 Feb 18
Brass plate cuttings 70/30	3,950-4,000	3.92% ▲	20 Feb 18
Brass turnings	3,350-3,400	1.5% ▲	20 Feb 18
Mixed brass	3,250-3,300	2.34% ▲	20 Feb 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,375-5,535	2.5% ▲	16 Feb 18
Enamelled wire EN 12861-S-Cu-3	5,253-5,415	2.56% ▲	16 Feb 18
New from tubes, strips etc EN 12861-S-Cu-4	5,277-5,505	2.53% ▲	16 Feb 18
Old from tubes, strips etc 12861-S-Cu-7	5,105-5,275	2.63% ▲	16 Feb 18
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,430-4,515	2.52% ▲	16 Feb 18
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,635-3,965	2.98% ▲	16 Feb 18
Several 95% m/m 12861-S-Cu-Zn-7	3,687-3,765	3.04% ▲	16 Feb 18
<i>Source: Assomet</i>			

STEELBENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne) **	339	0%	12 Feb 18
Shredded scrap (\$/gross ton) **	345	0%	12 Feb 18
No 1 heavy melting scrap (\$/metric tonne)	310	1.64% ▲	12 Feb 18
No 1 heavy melting scrap (\$/gross ton)	315	1.61% ▲	12 Feb 18
No 1 busheling scrap (\$/metric tonne)	379	0%	12 Feb 18
No 1 busheling scrap (\$/gross ton)	385	0%	12 Feb 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	1,410-1,460*	0.7% ▲	21 Feb 18
Commercial pure cuttings	1,170-1,220*	0%	21 Feb 18
Clean HE9 extrusions	1,410-1,460*	0.7% ▲	21 Feb 18
Loose old rolled cuttings	880-910*	0%	21 Feb 18
Baled old rolled	940-970*	0%	21 Feb 18
Commercial cast	1,030-1,080*	0%	21 Feb 18
Cast wheels	1,270-1,300*	0%	21 Feb 18
Commercial turnings	700-750*	0%	21 Feb 18
Group 7 turnings	610-640*	0%	21 Feb 18

MB and LME aluminium scrap discounts

<i>£ per tonne</i>			
Group 1 pure 99% & Litho	118-168*	22.22% ▲	21 Feb 18
Commercial pure cuttings	358-408*	10.37% ▲	21 Feb 18
Clean HE9 extrusions	118-168*	22.22% ▲	21 Feb 18
Loose old rolled cuttings	449-479*	3.34% ▲	21 Feb 18
Baled old rolled	389-419*	3.86% ▲	21 Feb 18
Commercial cast	279-329*	5.19% ▲	21 Feb 18
Cast wheels	59-89*	25.42% ▲	21 Feb 18
Commercial turnings	609-659*	2.42% ▲	21 Feb 18
Group 7 turnings	719-749*	2.09% ▲	21 Feb 18

Titanium

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

Copper scrap discount

<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	29-31*	-7.69% ▼	29 Jan 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 Feb 18
LM6/LM25 gravity diecasting ingot	1,820-1,860*	0%	21 Feb 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	1,835-1,875*	-0.27% ▼	16 Feb 18
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.98-0.99*	0%	22 Feb 18
AFFIMET €/tonne			
AS12	3,789	1.34% ▲	01 Feb 18
AS12 UN	2,985	2.23% ▲	01 Feb 18
AS9 U3	2,360	2.83% ▲	01 Feb 18
AS5 U3	2,710	2.46% ▲	01 Feb 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,430-2,530	-0.4% ▼	14 Feb 18
DIN 231	2,510-2,610	-0.39% ▼	14 Feb 18
DIN 311	2,490-2,590	-0.39% ▼	14 Feb 18
Aluminium bronze £/tonne UK			
AB1 ex-works	5,000	0%	20 Feb 18
AB2 ex-works	5,050	0%	20 Feb 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,090	0%	20 Feb 18
High tensile HTB1 ex-works	4,430	0.91% ▲	20 Feb 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,770	0%	20 Feb 18
LG4 87/7/3/3 ex-works	5,490	0.73% ▲	20 Feb 18
G1 1.15 PB ex-works	6,080	0%	20 Feb 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,750	0%	20 Feb 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,300	0.8% ▲	20 Feb 18
15% P ex-works	6,350	0.79% ▲	20 Feb 18
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	3,104	1.37% ▲	01 Feb 18
Brock Metal ZL5	3,130	1.26% ▲	01 Feb 18

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Monthly averages: January

BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne	94.73	101.73
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne	159.11	167.56
Alumina		
Index fob Australia	386.42	
Copper		
US High-grade cathode premium indicator, \$/tonne	116.84	127.87
Nickel		
Free market in warehouse premium		
Europe \$/tonne		
Uncut cathodes	216	266
4x4 cathodes	341	416
Briquettes	274	312
US		
Melting \$/lb	0.25	0.35
Tin		
European free market		
Spot Premium 99.9%, \$/tonne	304	336
Spot premium 99.85%, \$/tonne	250	300
Kuala Lumpur (ex-smelter), \$/tonne	20,410	

MINOR METALS

Antimony		
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne	8,100	8,411.11
MMTA Standard grade II, \$/tonne	8,100	8,411.11
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	97	105
min 99.99%, in warehouse cents/lb	99	108.67
Cobalt		
MB free market		
High Grade, in warehouse, \$/lb	36.89	37.94
Low Grade, in warehouse, \$/lb	36.26	37.55
Germanium Dioxide		
MB free market min 99.99%, \$/kg	838.33	967.78
Rotterdam, \$/kg	1,302.22	1,474.44
Indium		
MB free market ingots, min 99.97%, in warehouse, \$/kg	268.11	299.78
Magnesium		
MB free market min 99.8%, \$/tonne	2,300	2,400
China free market min 99.8%, \$/tonne	2,297.5	2,362.5
Mercury		
MB free market min 99.99%, in warehouse, \$/flask	1,850	2,250

	Low	High
Selenium		
MB free market		
min 99.5% in warehouse, \$/lb	18	19.5
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,215	2,325
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.92	5.54

ORES & ALLOYS

	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdic oxide \$/lb Mo	11.43	11.67
US canned molybdic oxide \$/lb Mo	11.45	11.69
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	27.97	28.68
Tungsten		
European free market APT, \$/mtu	311.25	319
Ferro-tungsten		
basis 75% W min, \$/kg	38.53	39.96
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	11.64	12.05
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	54.24	57.57
US Free market 70-80%, \$/lb	24.65	25.73

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,332.81
	Afternoon	1,331.67
London £/troy oz	Morning	965.16
	Afternoon	963.65
\$/troy oz	Handy/Harman	1,331.30
Palladium		
Morning \$/troy oz		1,095.27
Afternoon \$/troy oz		1,094.45
Platinum: per troy oz		
Morning \$/troy oz		987.77
Afternoon \$/troy oz		990.66
Rhodium		
European free market		
min 99.9% in-warehouse, \$/troy oz	1,659.32	1,759.32
Silver		
London		
spot pence/troy oz		1,243.45
spot cents/troy oz		1,716.84
Handy/Harman cents/troy oz		1,712.71

† week-on-week change

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FOUNDRY INGOTS

	Low	High
Aluminium		
LM24, £/tonne	1,614	1,664
LM6/LM25, £/tonne	1,807	1,857
Aluminium Europe €/tonne	1,800	1,850
Phosphor Bronze		
PB1 ex-works, £/tonne	6,654	
Zinc Alloy		
ZL3, £/tonne	3,062	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.38
\$/yen	110.82
\$/€	1.22

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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 January (22 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	Jan 2018 Low \$	High \$	January average \$
Aluminium (\$)			
Cash	2,143.25	2,255.75	2,214.09
3 months	2,161.75	2,267.5	2,221.28
Settlement	2,143.5	2,256	2,214.5
3 months seller	2,162	2,268	2,221.68
Copper Grade A (\$)			
Cash	6,904.75	7,202.25	7,079.88
3 months	6,948.5	7,250.5	7,122.13
Settlement	6,905	7,202.5	7,080.30
3 months seller	6,949	7,251	7,122.77
Copper Grade A (£)			
Settlement	4,906.37	5,316.28	5,128.39
3 months seller	4,920.77	5,335.54	5,142.33
Lead (\$)			
Cash	2,535.5	2,642	2,589.08
3 months	2,529	2,642	2,586.51
Settlement	2,536	2,643	2,589.77
3 months seller	2,530	2,643	2,587.34
Lead (£)			
Settlement	1,828.14	1,928.42	1,875.42
3 months seller	1,821.87	1,915.31	1,867.49
Nickel (\$)			
Cash	12,410	13,885	12,876.02
3 months	12,465	13,885	12,912.39
Settlement	12,415	13,890	12,880.23
3 months seller	12,470	13,890	12,917.5
Tin (\$)			
Cash	19,957.5	22,102.5	20,703.30
3 months	19,912.5	21,907.5	20,593.07
Settlement	19,960	22,105	20,710.68
3 months seller	19,925	21,910	20,602.27

	Jan 2018 Low \$	High \$	January average \$
Zinc (\$)			
Cash	3,350.25	3,609.25	3,446.75
3 months	3,330.5	3,550.25	3,412.28
Settlement	3,350.5	3,609.5	3,447.20
3 months seller	3,331	3,550.5	3,412.80
Cobalt (\$)			
Cash	75,250	80,250	77,500
3 months	75,250	80,250	77,590.91
Settlement	75,500	80,500	77,750
3 months seller	75,500	80,500	77,840.91
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	1,818.41
3 months	1,785	1,970	1,832.05
Settlement	1,775	1,960	1,823.41
3 months seller	1,790	1,975	1,837.05
Nasaa (\$)			
Cash	1,850.25	1,915	1,877.28
3 months	1,870	1,937.5	1,902.20
Settlement	1,850.5	1,920	1,879.20
3 months seller	1,875	1,940	1,905.59

LME SETTLEMENT CONVERSION RATES

\$/£	1.38
\$/yen	110.90
\$/€	1.22