

# Prices

For the latest prices go to <http://www.metalbulletin.com/My-price-book.html>

## NEW YORK FUTURES

	Price	Change <sup>†</sup>	Assessed
<b>Comex: Copper high grade cents/lb</b>			
Settlement	304.05	2.7%	▲ 02 Apr 18
Open interest	291,353	1.97%	▲ 29 Mar 18
Stocks (short ton)	232,817	0.51%	▲ 29 Mar 18
<b>Comex: Gold \$/troy oz</b>			
Settlement	1,342.10	-0.91%	▼ 02 Apr 18
Open interest	499,565	-12.42%	▼ 29 Mar 18
Stocks (troy oz)	9,060,591	0%	29 Mar 18
<b>Nymex: Palladium \$/troy oz</b>			
Settlement	927.5	-4.42%	▼ 02 Apr 18
Stocks (troy oz)	41,611	-0.48%	▼ 29 Mar 18
<b>Nymex: Platinum \$/troy oz</b>			
Settlement	930.70	-2.07%	▼ 02 Apr 18
Stocks (troy oz)	185,198	-0.18%	▼ 29 Mar 18
<b>Comex: Silver cents/troy oz</b>			
Settlement	1,662.70	-0.03%	▼ 02 Apr 18
Open interest	229,131	5.63%	▲ 29 Mar 18

## SHANGHAI FUTURES

	Price	Change <sup>†</sup>	Assessed
Aluminium yuan/tonne	14,065	2.44%	▲ 03 Apr 18
Copper yuan/tonne	50,450	2.17%	▲ 03 Apr 18
Nickel cathode yuan/tonne	96,490	-0.54%	▼ 03 Apr 18
Tin ingot yuan/tonne	140,630	-0.4%	▼ 03 Apr 18
Zinc yuan/tonne	24,805	-0.62%	▼ 03 Apr 18
Steel rebar month 1 yuan/tonne	3,656	6.99%	▲ 03 Apr 18
Steel rebar month 2 yuan/tonne	3,627	6.27%	▲ 03 Apr 18
Steel rebar month 3 yuan/tonne	3,588	5.84%	▲ 03 Apr 18
<b>Weekly stocks deliverable</b>			
Aluminium (tonnes)	970,387	3.2%	▲ 30 Mar 18
Copper (tonnes)	306,211	-0.4%	▼ 30 Mar 18
Nickel cathode (tonnes)	47,426	-4.96%	▼ 30 Mar 18
Tin ingot (tonnes)	4,606	-1.31%	▼ 30 Mar 18
Zinc (tonnes)	150,927	-5.28%	▼ 30 Mar 18
Steel rebar (tonnes)	13,876	-7.79%	▼ 30 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 <sup>†</sup>	Assessed
<b>Aluminium high grade \$</b>			
Cash official	2,008-2,010	-1.27%	▼ 03 Apr 18
Cash unofficial	1,985.5-1,987.5	-2.81%	▼ 29 Mar 18
3 months official	2,026-2,027	-1.41%	▼ 03 Apr 18
3 months unofficial	2,004-2,006	-2.95%	▼ 29 Mar 18
LME Tapo notional average price (NAP)	2,080.5	-0.73%	▼ 28 Mar 18
LME stocks (tonnes)	1,281,475	0.4%	▲ 29 Mar 18
<b>Aluminium alloy (A380. 1/DIN/D12S) \$</b>			
LME cash official	1,800-1,810	0.84%	▲ 03 Apr 18
LME cash unofficial	1,800-1,810	-2.01%	▼ 29 Mar 18
LME 3 months official	1,810-1,820	0.55%	▲ 03 Apr 18
LME 3 months unofficial	1,810-1,820	-2.16%	▼ 29 Mar 18
LME stocks (tonnes)	12,400	-1.27%	▼ 29 Mar 18

	Price	Change	Assessed
<b>N. American special aluminium alloy</b>			
LME cash official	1,785-1,790	-0.69%	▼ 03 Apr 18
LME cash unofficial	1,786.5-1,796.5	-0.72%	▼ 29 Mar 18
LME 3 months official	1,815-1,825	-0.55%	▼ 03 Apr 18
LME 3 months unofficial	1,815-1,825	-0.82%	▼ 29 Mar 18
LME stocks (tonnes)	178,100	-0.61%	▼ 29 Mar 18
<b>Copper grade A \$</b>			
LME cash official	6,755-6,756	1.72%	▲ 03 Apr 18
LME cash unofficial	6,702.5-6,707.5	0.72%	▲ 29 Mar 18
LME 3 months official	6,790-6,795	1.56%	▲ 03 Apr 18
LME 3 months unofficial	6,735-6,740	0.63%	▲ 29 Mar 18
LME Tapo notional average price (NAP)	6,801.30	-0.84%	▼ 28 Mar 18
LME stocks (tonnes)	383,025	20.54%	▲ 29 Mar 18
<b>Lead \$</b>			
LME cash official	2,399.5-2,400	0.14%	▲ 03 Apr 18
LME cash unofficial	2,401-2,403	1.82%	▲ 29 Mar 18
LME 3 months official	2,399-2,401	0.17%	▲ 03 Apr 18
LME 3 months unofficial	2,400-2,402	1.74%	▲ 29 Mar 18
LME stocks (tonnes)	129,100	-1.32%	▼ 29 Mar 18
<b>Nickel \$</b>			
LME cash official	13,555-13,560	4.07%	▲ 03 Apr 18
LME cash unofficial	13,250-13,270	1.86%	▲ 29 Mar 18
LME 3 months official	13,590-13,600	4.22%	▲ 03 Apr 18
LME 3 months unofficial	13,300-13,320	1.89%	▲ 29 Mar 18
LME stocks (tonnes)	320,268	-1.42%	▼ 29 Mar 18
<b>Tin \$</b>			
LME cash official	21,410-21,415	1.71%	▲ 03 Apr 18
LME cash unofficial	21,125-21,175	1.27%	▲ 29 Mar 18
LME 3 months official	21,300-21,350	1.74%	▲ 03 Apr 18
LME 3 months unofficial	21,050-21,100	1.2%	▲ 29 Mar 18
LME stocks (tonnes)	2,035	3.04%	▲ 29 Mar 18
<b>Zinc special high grade \$</b>			
LME cash official	3,284-3,284.5	-1.26%	▼ 03 Apr 18
LME cash unofficial	3,312.5-3,314.5	3.82%	▲ 29 Mar 18
LME 3 months official	3,272-3,277	-0.95%	▼ 03 Apr 18
LME 3 months unofficial	3,296-3,298	3.26%	▲ 29 Mar 18
LME stocks (tonnes)	211,650	0.2%	▲ 29 Mar 18
<b>Cobalt min 99.3%</b>			
LME cash official	92,750-93,250	-1.06%	▼ 03 Apr 18
LME 3 months official	93,000-93,500	-1.32%	▼ 03 Apr 18
LME stocks (tonnes)	538	0%	29 Mar 18
<b>Molybdenum \$</b>			
LME cash official	24,000-26,000	2.04%	▲ 03 Apr 18
LME 3 months official	24,000-26,000	2.04%	▲ 03 Apr 18
LME stocks (tonnes)	0	0%	29 Mar 18

† week-on-week change

continued ➤

	Price	Change	Assessed
<b>Gold \$/troy oz</b>			
London morning	1,323.90	-0.37% ▼	29 Mar 18
London afternoon	1,323.85	-0.4% ▼	29 Mar 18
Handy/Harman	1,335.25	-1.27% ▼	02 Apr 18
<b>Silver per troy oz</b>			
London spot pence	1,158	-0.52% ▼	29 Mar 18
London spot cents	1,628	-1.45% ▼	29 Mar 18
Handy/Harman	1,660.5	-0.88% ▼	02 Apr 18
<b>Palladium \$/troy oz</b>			
London morning	971	-1.72% ▼	29 Mar 18
London afternoon	970	-1.42% ▼	29 Mar 18
<b>Platinum \$/troy oz</b>			
London morning	936	-2.09% ▼	29 Mar 18
London afternoon	936	-1.47% ▼	29 Mar 18
<b>Kuala Lumpur tin market</b>			
Tin \$/tonne	21,250	2.66% ▲	03 Apr 18
<b>ICDX</b>			
Tin PB300 settlement price \$/tonne	21,450	1.66% ▲	03 Apr 18
Tin PB300 volume, tonnes	39	-35% ▼	03 Apr 18

**RAND FIXING PRICES**

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change <sup>†</sup>	Assessed
Copper	79,876.86	3.2% ▲	03 Apr 18
Aluminium	23,764.43	0.2% ▲	03 Apr 18
Lead	28,375.44	1.58% ▲	03 Apr 18
Zinc	38,832.97	0.17% ▲	03 Apr 18
Nickel	160,321.24	5.58% ▲	03 Apr 18
Tin	253,191.69	3.18% ▲	03 Apr 18

**EXCHANGE RATES**

	Price	Change <sup>†</sup>	Assessed
<b>LME settlement conversion rates</b>			
\$/£	1.4050	-0.3% ▼	03 Apr 18
\$/¥	106.2500	0.44% ▲	03 Apr 18
\$/€	1.2302	-0.73% ▼	03 Apr 18
<b>Closing rates, midpoint</b>			
\$/£	1.4053	-1.21% ▼	02 Apr 18
\$/¥	106.2250	1.11% ▲	02 Apr 18
\$/€	1.2310	-1.06% ▼	02 Apr 18
£/€	1.1416	-0.15% ▼	02 Apr 18
\$/CNY	6.2803	-0.11% ▼	02 Apr 18

**BASE METALS ARBITRAGE**

	Price	Change <sup>†</sup>	Assessed
<b>Aluminium</b>			
Import arbitrage, \$/tonne	-297.36*	-22.33% ▼	03 Apr 18
Import arbitrage, yuan/tonne	-1,873.02*	-21.89% ▼	03 Apr 18
<b>Copper</b>			
Import arbitrage, \$/tonne	-63.53*	-25.04% ▼	03 Apr 18
Import arbitrage, yuan/tonne	-400.19*	-24.61% ▼	03 Apr 18
<b>Nickel</b>			
Import arbitrage, \$/tonne	-620.14*	-2.47% ▼	03 Apr 18
Import arbitrage, yuan/tonne	-3,906.17*	-1.92% ▼	03 Apr 18
<b>Zinc</b>			
Import arbitrage, \$/tonne	-115.32*	18.96% ▲	03 Apr 18
Import arbitrage, yuan/tonne	-726.37*	19.63% ▲	03 Apr 18

**MB BASE METAL PREMIUMS**

All prices \$/tonne unless otherwise stated

\*MB Copyright

	Price	Change <sup>†</sup>	Assessed
<b>Copper</b>			
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*	0%	27 Mar 18
North European warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-15.0*	0%	27 Mar 18
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	57.0-65.0*	0%	27 Mar 18
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	61*	-1.61% ▼	27 Mar 18
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	67.5-72.5*	7.69% ▲	03 Apr 18
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	70*	7.69% ▲	03 Apr 18
Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	27 Mar 18
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	72.0-87.0*	0%	03 Apr 18
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	80*	0%	03 Apr 18
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	70.0-82.0*	3.4% ▲	03 Apr 18
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	75*	2.74% ▲	03 Apr 18
MB free market US: High-grade cathode premium indicator, \$/tonne	121.3-132.3*	0%	27 Mar 18
<b>Aluminium</b>			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	95.0-103.0*	0%	03 Apr 18
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	100*	0%	03 Apr 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	105-115*	0%	03 Apr 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	112*	0%	03 Apr 18
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	5.0-15.0*	0%	27 Mar 18
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0-105.0*	5.26% ▲	03 Apr 18
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	99*	5.32% ▲	03 Apr 18
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	110.0-125.0*	-6% ▼	03 Apr 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	1,980*	-3.16% ▼	28 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	160.0-169.0*	0.3% ▲	03 Apr 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	0.188-0.193*	0%	03 Apr 18
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	320.0-350.0*	4.69% ▲	03 Apr 18

† week-on-week change

continued ➤

	Price	Change	Assessed
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	190.0-210.0*	0%	03 Apr 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
<b>Lead</b>			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-15.0*	0%	27 Mar 18
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	27 Mar 18
USA lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	03 Apr 18
USA lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	03 Apr 18
USA lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	03 Apr 18
<b>Nickel</b>			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	180.0-200.0*	-11.63% ▼	03 Apr 18
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	190*	-11.63% ▼	03 Apr 18
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	160.0-180.0*	-15% ▼	03 Apr 18
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	170*	-15% ▼	03 Apr 18
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	120-200*	0%	27 Mar 18
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-20*	0%	27 Mar 18
uncut cathodes premium indicator	230.0-280.0*	0%	03 Apr 18
4x4 cathodes premium indicator	360.0-420.0*	0%	03 Apr 18
briquettes premium indicator	275.0-300.0*	0%	03 Apr 18
US: melting premium indicator, \$/lb	0.250-0.380*	0%	06 Mar 18
<b>Tin</b>			
<b>MB European free market</b>			
Spot premium 99.9%, \$/tonne	350-375*	1.4% ▲	03 Apr 18
Spot premium 99.85%, \$/tonne	250-300*	0%	03 Apr 18
United States New York spot, cents/lb	988-989	0.82% ▲	29 Mar 18
<b>Zinc</b>			
North European warrants, min 99.995% SHG ingots, \$/tonne	80.0-90.0*	0%	27 Mar 18
MB EU: Special high grade, fca Rotterdam, \$/tonne	125.0-135.0*	0%	27 Mar 18
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	75.0-90.0*	0%	03 Apr 18
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0*	0%	03 Apr 18
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	86*	0%	03 Apr 18
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	120.0-130.0*	0%	03 Apr 18
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	125*	0%	03 Apr 18
MB US: Special high grade, \$/lb	0.085-0.093*	0%	03 Apr 18

BASE METALS			
	Price	Change <sup>†</sup>	Assessed
<b>Alumina</b>			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,650.0-2,700.0*	-0.93% ▼	29 Mar 18
Alumina Index fob Australia	447.5*	0.41% ▲	03 Apr 18
Alumina Index fob Brazil	10.09*		29 Mar 18
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	457.59*		03 Apr 18
<b>Aluminium</b>			
Shanghai bonded aluminium stocks, tonnes	5,000-6,000*	-21.43% ▼	02 Apr 18
<b>Bauxite</b>			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	29 Mar 18
fob Trombetas, Brazil \$/tonne per dmtu	38*	0%	29 Mar 18
<b>Copper &amp; Brass</b>			
<b>Producer premium</b>			
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):	5,392.6-5,417.8	-2.05% ▼	28 Mar 18
cathodes:	5,340.0-5,440.0	-2% ▼	28 Mar 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	92,664.630	-1.96% ▼	03 Apr 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	6.60-6.60*	-3.79% ▼	29 Mar 18
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	66-66*	-3.79% ▼	29 Mar 18
Shanghai bonded copper stocks, tonnes	500,000-510,000*	2.02% ▲	26 Mar 18
<b>Nickel</b>			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,000-1,010*	0%	03 Apr 18
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	970-1,000*	-1.99% ▼	03 Apr 18
Shanghai bonded nickel stocks, tonnes	21,000-22,000*	-41.1% ▼	02 Apr 18
<b>Nickel ore</b>			
Laterite ore with 1.5% nickel content cif China, \$/tonne	33-35*	0%	03 Apr 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	51-53*	0%	03 Apr 18
<b>Lead</b>			
Germany: (VDM) virgin soft, €/tonne	2,130-2,170	0%	28 Mar 18
Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne	20-40*	71.43% ▲	29 Mar 18
Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	20-35*	57.14% ▲	29 Mar 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>			
<b>Zinc</b>			
Germany: (VDM) virgin, €/tonne	2,820-2,820	0.71% ▲	28 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	15-35*	25% ▲	29 Mar 18
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	3,800-4,000*	-4.88% ▼	29 Mar 18
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	3,200-3,400*	-5.71% ▼	29 Mar 18
Shanghai bonded zinc stocks, tonnes	214,000-215,000*	-1.15% ▼	02 Apr 18

† week-on-week change

continued ➤

PRECIOUS METALS			
	Price	Change <sup>†</sup>	Assessed
<b>Iridium</b>			
MB free market: min 99.9%, \$/troy oz in-warehouse	985-1,085*	0.49% ▲	28 Mar 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,020	0%	03 Apr 18
Engelhard base price: \$/troy oz	1,030	0%	03 Apr 18
<b>Palladium</b>			
European free market: min 99.9%, \$/troy oz in-warehouse	971-981*	-1.06% ▼	28 Mar 18
Engelhard base price: \$/troy oz	939	-4.67% ▼	03 Apr 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	944	-4.26% ▼	03 Apr 18
<b>Platinum</b>			
European free market: min 99.9%, \$/troy oz in-warehouse	939-949*	-0.32% ▼	28 Mar 18
Engelhard base price: \$/troy oz	936	-2.7% ▼	03 Apr 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	939	-2.69% ▼	03 Apr 18
<b>Rhodium</b>			
European free market: min 99.9%, \$/troy oz in-warehouse	2,000-2,100*	3.02% ▲	03 Apr 18
Engelhard base price: \$/troy oz	2,050	1.99% ▲	03 Apr 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	2,040	1.49% ▲	03 Apr 18
<b>Ruthenium</b>			
European free market: min 99.9%, \$/troy oz in-warehouse	190-230*	0%	28 Mar 18
Engelhard base price: \$/troy oz	215	0%	03 Apr 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	215	2.38% ▲	03 Apr 18

MINOR METALS			
	Price	Change <sup>†</sup>	Assessed
<b>Antimony</b>			
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam	8,500-8,750*	-0.14% ▼	30 Mar 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,500-8,660*	-0.09% ▼	30 Mar 18
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	52,000-52,500*	-0.95% ▼	28 Mar 18
<b>Arsenic</b>			
MB free market \$/lb	1.10-1.30*	0%	30 Mar 18
<b>Bismuth</b>			
MB free market \$/lb	5.20-5.40*	0%	30 Mar 18
MB China domestic, min 99.99%, yuan/tonne	69,000-70,000*	0%	30 Mar 18
<b>Cadmium</b>			
MB free market min 99.95% cents/lb	155-160*	0%	30 Mar 18
MB free market min 99.99% cents/lb	160-175*	0%	30 Mar 18
<b>Chromium</b>			
MB free market alumino-thermic min 99% \$/tonne	10,500-11,300*	0%	30 Mar 18
<b>Cobalt</b>			
MB free market high-grade \$/lb	42.5-44.5*	0.58% ▲	30 Mar 18
MB free market low-grade \$/lb	42.5-44.25*	1.23% ▲	30 Mar 18
MB high-grade, weighted average of all confirmed international trades, \$/lb	43.39*	0%	30 Mar 18
MB low-grade, weighted average of all confirmed international trades, \$/lb	44.02*	2.44% ▲	30 Mar 18
MB China domestic, min 99.8% yuan/tonne	675,000-690,000*	0.37% ▲	30 Mar 18
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	490,000-510,000*	4.17% ▲	30 Mar 18

	Price	Change	Assessed
<b>Gallium</b>			
MB free market \$/kg	230-250*	0%	30 Mar 18
MB China domestic, min 99.99%, yuan/kg	1,450-1,500*	-3.28% ▼	28 Mar 18
<b>Germanium</b>			
Germanium dioxide MB free market \$/kg	1,070-1,320*	1.7% ▲	30 Mar 18
Germanium metal \$/kg Rotterdam	1,680-1,785*	0%	30 Mar 18
Germanium metal MB China domestic, min 99.999%, yuan/kg	10,800-11,800*	0%	28 Mar 18
<b>Hafnium</b>			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	850-950*	0%	30 Mar 18
<b>Indium</b>			
MB free market \$/kg	330-360*	2.99% ▲	30 Mar 18
MB China domestic, min 99.99% yuan/kg	2,100-2,200*	-3.37% ▼	28 Mar 18
Indium Corp ingots min 99.97% \$/kg fob	440	-40.94% ▼	26 Jun 15
<b>Magnesium</b>			
European free market \$ per tonne	2,400-2,500*	0%	30 Mar 18
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,390-2,420*	-0.41% ▼	30 Mar 18
MB Chinese free market min 99% Mg, ex-works yuan/tonne	14,600-14,700*	-2.01% ▼	30 Mar 18
<b>Manganese flake</b>			
MB free market \$/tonne	1,950-2,120*	0%	30 Mar 18
<b>Mercury</b>			
MB free market \$ per flask	2,700-3,000*	0%	30 Mar 18
<b>Rhenium in-warehouse Rotterdam duty paid</b>			
Metal pellets, min 99.9% \$/lb	621-656*	0%	30 Mar 18
APR catalytic grade \$/kg Re	1,450-1,600*	0%	30 Mar 18
<b>Selenium</b>			
MB free market \$/lb	23-25.5*	1.04% ▲	30 Mar 18
MB China domestic, min 99.9%, yuan/kg	290-330*	-1.59% ▼	30 Mar 18
Selenium dioxide, MB China domestic, min 98%, yuan/kg	186-192*	-1.82% ▼	30 Mar 18
<b>Silicon</b>			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,300-2,350*	0%	30 Mar 18
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	2,190-2,225*	0%	30 Mar 18
US free market cents/lb	143-145*	0%	12 Mar 18
Export from mainland China min 98.5%, \$/tonne fob	1,940-1,980*	-1.01% ▼	30 Mar 18
<b>Tellurium</b>			
MB free market \$/kg	60-74*	0%	30 Mar 18
MB China domestic, min 99.99%, yuan/kg	560-600*	2.65% ▲	30 Mar 18
<b>Titanium</b>			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.65-5.30*	0%	28 Mar 18
Titanium ores \$/tonne			
Rutile conc min 95% Tio2 bagged, fob/Aus	950-1,200	0%	29 Mar 18
Rutile bulk conc min 95% Tio2 fob/Aus	800-900	0%	29 Mar 18
Ilmenite concentrate, 47-49% Tio2 cif China	185-200	0%	29 Mar 18

<sup>†</sup> week-on-week change

continued ➤

## NOBLE ALLOYS &amp; ORES

	Price	Change†	Assessed
<b>Molybdenum molybdc oxide</b>			
Europe drummed molybdc oxide \$/lb Mo	12.60-12.70*	-0.39% ▼	30 Mar 18
US canned molybdc oxide \$/lb Mo	12.70-13*	0%	29 Mar 18
<b>Ferro-molybdenum</b>			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	30.30-30.60*	0%	30 Mar 18
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	13.95-14.25*	-0.35% ▼	29 Mar 18
MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu	1,680-1,700*	-2.03% ▼	28 Mar 18
<b>Tungsten</b>			
European free market APT \$/mtu	325-334*	0%	30 Mar 18
Export from mainland China APT Chinese No1 grade, min 88.5% WO3, S/mtu fob	325-328*	-0.31% ▼	28 Mar 18
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	110,000-112,000*	-1.33% ▼	28 Mar 18
<b>Ferro-tungsten</b>			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	40-42*	-3.07% ▼	30 Mar 18
China export min 75% \$/kg W, fob China	41.5-43.5*	-1.16% ▼	28 Mar 18
<b>Vanadium</b>			
Ferro-vanadium basis 78% min, fob, China \$/kg V	68-70*	0%	29 Mar 18
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	70.60-73*	0.67% ▲	30 Mar 18
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	34.75-36*	1.36% ▲	29 Mar 18
Vanadium pentoxide 98% min, fob, China \$/lb V2O5	14.5-15.80*	2.71% ▲	29 Mar 18
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O5	15-16*	0%	30 Mar 18
<b>Zircon</b>			
Foundry grade bulk \$/tonne fob Australia	950-1,000	0%	01 Feb 18
Premium bulk \$/tonne fob Australia	1,300-1,500	0%	29 Mar 18

## BULK ALLOYS

	Price	Change†	Assessed
<b>Ferro-chrome \$/lb Cr</b>			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	0.96*	-5.88% ▼	30 Mar 18
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.38*	-1.43% ▼	30 Mar 18
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,500-7,800*	-3.16% ▼	30 Mar 18
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,250-7,500*	-6.35% ▼	30 Mar 18
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.42*	20.34% ▲	03 Apr 18
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si	1.27-1.42*	0%	30 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	0.99-1.02*	-2.9% ▼	29 Mar 18
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	0.98-1.01*	-2.93% ▼	29 Mar 18

	Price	Change	Assessed
<b>US free market low carbon duty-paid fob Pittsburgh</b>			
US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si	1.410-1.490*	0%	29 Mar 18
0.05% C - 65% min Cr	2.40-2.45*	0%	29 Mar 18
0.10% C - 62% min Cr	2.27-2.35*	0%	29 Mar 18
0.15% C - 60% min Cr	2.20-2.25*	0%	29 Mar 18
<b>Chrome ore \$/tonne</b>			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	223*	-7.47% ▼	03 Apr 18
Turkish lumpy 40-42% cfr main Chinese ports	340-350*	0%	30 Mar 18
<b>Ferro-manganese</b>			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,070-1,125*	0%	30 Mar 18
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,500-1,600*	-3.12% ▼	29 Mar 18
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.12-1.14*	0%	29 Mar 18
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	7,300-7,500*	0%	30 Mar 18
<b>Manganese ore</b>			
44% Mn, cif Tianjin \$/dmtu of metal contained	8.76*	-0.68% ▼	30 Mar 18
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	7.23*	-2.56% ▼	30 Mar 18
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2-2.10*	1.23% ▲	21 Mar 18
<b>Ferro-nickel</b>			
China premium, 26-32% nickel contained, cif China, \$/tonne	250-350*	5.26% ▲	26 Mar 18
<b>Ferro-silicon</b>			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,650-1,700*	0%	30 Mar 18
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1.07-1.11*	-0.91% ▼	29 Mar 18
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,350-1,410*	-0.72% ▼	30 Mar 18
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,100-6,500*	-6.67% ▼	30 Mar 18
<b>Silico-manganese</b>			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	1,025-1,075*	0%	30 Mar 18
US free market \$/lb in-warehouse Pittsburgh	0.66-0.68*	-0.74% ▼	29 Mar 18
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	7,800-8,100*	1.92% ▲	30 Mar 18
65% min Mn 16% min Si \$/tonne fob India	1,210-1,230*	0%	30 Mar 18

† week-on-week change

continued ➤

## CARBONSTEEL - EUROPE

	Price	Change†	Assessed
<b>Northern Europe imports</b>			
<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%	28 Mar 18
Wire rod (mesh quality)	525-530*	0%	28 Mar 18
Plate (8-40mm)	570-580*	0%	28 Mar 18
Hot rolled coil	550-560*	-2.63% ▼	28 Mar 18
Cold rolled coil	620-640*	-2.33% ▼	28 Mar 18
Hot-dip galvanized coil	670-690*	0%	28 Mar 18
<b>Southern Europe imports</b>			
<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	495-505*	-0.99% ▼	28 Mar 18
Wire rod (mesh quality)	515-530*	0%	28 Mar 18
Plate (8-40mm)	560-570*	0%	28 Mar 18
Hot rolled coil	550-560*	-3.48% ▼	28 Mar 18
Cold rolled coil	610-630*	-2.75% ▼	28 Mar 18
Hot-dip galvanized coil	660-680*	-3.6% ▼	28 Mar 18
<b>Southern Europe exports</b>			
<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%	28 Mar 18
Wire rod (mesh quality)	510-520*	0%	28 Mar 18
<b>Northern Europe domestic</b>			
<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%	28 Mar 18
Wire rod (mesh quality)	550-560*	0%	28 Mar 18
Sections (medium)	655-670*	0%	28 Mar 18
Beams	600-625*	-0.81% ▼	28 Mar 18
<b>Southern Europe domestic</b>			
<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	515-530*	-1.88% ▼	28 Mar 18
Wire rod (mesh quality)	540-560*	0%	28 Mar 18
Sections (medium)	620-655*	-1.54% ▼	28 Mar 18
Beams	600-630*	-0.81% ▼	28 Mar 18
<b>Central Europe domestic € per tonne ex-works</b>			
Hot rolled coil	560-570*	0%	28 Mar 18
<b>Poland domestic zloty per tonne ex-works</b>			
Rebar	2,300-2,350*	0%	29 Mar 18
<b>Northern Europe € per tonne ex-works</b>			
Plate (8-40mm)	580-620*	-1.64% ▼	28 Mar 18
Hot rolled coil	570-590*	0%	28 Mar 18
Cold rolled coil	650-680*	0%	28 Mar 18
Hot-dip galvanized coil	680-700*	0%	28 Mar 18
<b>Southern Europe € per tonne ex-works</b>			
Plate (8-40mm)	570-580*	-1.71% ▼	28 Mar 18
Hot rolled coil	560-570*	0%	28 Mar 18
Cold rolled coil	630-650*	0%	28 Mar 18
Hot-dip galvanized coil	650-665*	0%	28 Mar 18

## CARBONSTEEL - NORTH AFRICA

	Price	Change†	Assessed
<b>Algeria imports</b>			
<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%	28 Mar 18

## CARBONSTEEL - CIS

	Price	Change†	Assessed
<b>CIS exports (Black Sea)</b>			
<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	520*	-4.24% ▼	03 Apr 18
Slab	580-585*	0%	26 Mar 18
Rebar	570-585*	0%	26 Mar 18
Wire rod (mesh)	590-615*	-1.23% ▼	26 Mar 18
Heavy plate (10-50mm)	660-670*	0%	03 Apr 18
Hot rolled coil	600-620*	-0.81% ▼	03 Apr 18
Cold rolled coil	645-650*	-0.38% ▼	03 Apr 18
<b>CIS domestic</b>			
<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	37,000-37,500*	6.43% ▲	26 Mar 18
Hot rolled sheet	42,500-45,000*	-0.57% ▼	26 Mar 18
Cold rolled sheet	48,000-48,950*	1.04% ▲	26 Mar 18
Plate	45,000-46,200*	0%	26 Mar 18

## CARBONSTEEL - MIDDLE EAST

	Price	Change†	Assessed
<b>Turkish exports</b>			
<i>Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i>			
Billet	575-585*	-0.43% ▼	29 Mar 18
Rebar	580-585*	-1.27% ▼	29 Mar 18
Wire rod (mesh quality)	600-610*	-1.22% ▼	29 Mar 18
Merchant bars	600-610*	-1.63% ▼	29 Mar 18
Structural pipe	680-690*	0%	14 Mar 18
Hot rolled coil	650-660*	-1.5% ▼	29 Mar 18
Hot dip galvanized	800-840*	-4.93% ▼	29 Mar 18
<b>Turkish domestic</b>			
<i>Metal Bulletin's appraisal of prices within Turkey for commercial-quality carbon steel of Turkish origin, \$ per tonne ex-works</i>			
Billet	570-580*	-1.29% ▼	29 Mar 18
Rebar	585-605*	-3.64% ▼	29 Mar 18
Wire rod (mesh quality)	625-640*	-0.78% ▼	29 Mar 18
Hot rolled coil	650-675*	-0.75% ▼	29 Mar 18
Cold rolled coil	710-740*	-6.45% ▼	29 Mar 18
Hot dip galvanized	790-890*	-4% ▼	29 Mar 18
Prepainted galvanized	880-970*	-1.86% ▼	29 Mar 18
<b>Turkish imports</b>			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	540-550*	-1.8% ▼	29 Mar 18
Hot rolled coil	620-640*	-0.79% ▼	29 Mar 18
Cold rolled coil	670-685*	-1.45% ▼	29 Mar 18

## UAE imports

<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	525-550*	0%	03 Apr 18
Rebar	590-600*	-3.64% ▼	03 Apr 18
Hot rolled coil	620-625*	-0.4% ▼	03 Apr 18
Cold rolled coil	696-740*	4.44% ▲	03 Apr 18
Hot dip galvanized coil	770-870*	0%	03 Apr 18

## Saudi Arabia imports

<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Rebar	595-600*	-3.24% ▼	03 Apr 18
Hot rolled coil	620-630*	0%	03 Apr 18

† week-on-week change

continued ➤

	Price	Change	Assessed
<b>UAE domestic</b>			
<i>Metal Bulletin's appraisal of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i>			
Rebar	2,380-2,412*	0%	03 Apr 18
<b>Iran imports</b>			
<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%	28 Mar 18
Hot rolled coil	560-580*	0%	28 Mar 18
<b>Iran exports</b>			
<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%	28 Mar 18
Slab	545-550*	0%	28 Mar 18
<b>Egyptian domestic</b>			
<i>Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, EE per tonne ex-works</i>			
Rebar	12,790-12,800*	-0.76% ▼	29 Mar 18
<b>Egyptian import</b>			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	550-555*	-1.78% ▼	29 Mar 18

**CARBON STEEL - LATIN AMERICA**

	Price	Change†	Assessed
<b>Latin American exports</b>			
<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%	29 Mar 18
Slab, Brazil	580-590*	0%	29 Mar 18
Rebar	560-565*	0%	29 Mar 18
Wire rod mesh quality	560-565*	0%	29 Mar 18
Heavy plate over 10mm	670-680*	11.57% ▲	29 Mar 18
Hot rolled coil (dry)	635-640*	0.79% ▲	29 Mar 18
Cold rolled coil	735-745*	0%	29 Mar 18
Galvanized coil	800-810*	0%	29 Mar 18
<b>South America imports</b>			
<i>Metal Bulletin's appraisal of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i>			
Plate	630-640*	-3.05% ▼	29 Mar 18
Hot rolled coil	620-630*	-3.1% ▼	29 Mar 18
Cold rolled coil	670-680*	-2.88% ▼	29 Mar 18
Galvanized coil	750-770*	0.66% ▲	29 Mar 18
<b>Argentina domestic \$ per tonne ex-works</b>			
<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
<b>Brazil domestic</b>			
<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
<b>US imports</b>			
<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*	0%	30 Mar 18
Wire rod (low carbon)	600-635*	0%	28 Mar 18
Medium sections	700-720*	0%	29 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)	1,070-1,090*	21.35% ▲	27 Mar 18
OCTG API5CT - casing J55	1,100-1,140*	28% ▲	27 Mar 18
<b>US domestic</b>			
<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)	730-730*	10.61% ▲	28 Mar 18
Plate (fob mill)	920-920*	1.1% ▲	30 Mar 18
Hot rolled sheet index (fob mill)	860-860*	0.56% ▲	29 Mar 18
Cold rolled sheet (fob mill)	1,000-1,000*	0%	29 Mar 18
Hot-dip galvanized (base) Midwest (fob mill)	1,000-1,000*	0%	29 Mar 18
OCTG API5CT - casing J55 (fob mill)	1,175-1,250*	16.03% ▲	27 Mar 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)	35.25-35.25*	6.02% ▲	30 Mar 18

**CARBON STEEL - ASIA**

	Price	Change†	Assessed
<b>China exports</b>			
<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	548-548*	1.84% ▲	03 Apr 18
Wire rod (mesh quality)	570-580*	0%	03 Apr 18
Heavy plate	590-600*	-0.42% ▼	03 Apr 18
Hot rolled coil index	579-579*	0.82% ▲	03 Apr 18
Cold rolled coil	610-616*	0.91% ▲	03 Apr 18
Galvanized coil 1mm	680-695*	-0.72% ▼	03 Apr 18
<b>Eastern China domestic</b>			
<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	3,650-3,700*	5.6% ▲	03 Apr 18
Wire rod (mesh)	3,600-3,670*	-5.22% ▼	30 Mar 18
Sections	3,890-3,940*	-3.09% ▼	30 Mar 18
Plate	4,000-4,100*	-1.34% ▼	30 Mar 18
Hot rolled coil (min 2mm)	3,850-3,880*	2.93% ▲	03 Apr 18
Cold rolled coil (0.5 - 2 mm)	4,320-4,370*	-2.36% ▼	30 Mar 18
Hot-dip galvanized coil	4,880-5,080*	0.91% ▲	30 Mar 18
<b>Northern China domestic</b>			
<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	3,430-3,430*	3% ▲	03 Apr 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	3,670-3,810*	-1.71% ▼	30 Mar 18
Rebar	3,630-3,700*	-4.18% ▼	30 Mar 18

† week-on-week change

continued ➤

	Price	Change	Assessed
<b>Southern China domestic</b>			
<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	3,750-3,820*	-2.95%	▼ 30 Mar 18
Wire rod (mesh)	3,700-3,750*	-4.49%	▼ 30 Mar 18
Sections	4,100-4,150*	0%	30 Mar 18
Plate	4,200-4,260*	-2.08%	▼ 30 Mar 18
Hot rolled coil (min 2mm)	3,750-3,830*	-2.82%	▼ 30 Mar 18
Cold rolled coil (0.5 - 2 mm)	4,380-4,450*	-2.21%	▼ 30 Mar 18
Hot-dip galvanized coil	4,980-5,140*	0.3%	▲ 30 Mar 18

<b>Southeast Asia imports</b>			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	540-550*	-2.24%	▼ 02 Apr 18
Slab (Asia/East Asia)	575-590*	2.19%	▲ 02 Apr 18
Hot rolled coil (Vietnam)	600-620*	0%	02 Apr 18
Rebar (Singapore)	540-555*	-2.67%	▼ 02 Apr 18
Wire rod (low carbon)	540-550*	-4.39%	▼ 02 Apr 18

<b>Indian exports</b>			
<i>Metal Bulletin's appraisal of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port</i>			
Billet	515-525*	1.46%	▲ 29 Mar 18
Plate (12-40mm)	570-575*	-3.38%	▼ 29 Mar 18
Hot rolled coil (commodity)	625-630*	-6.69%	▼ 29 Mar 18
Hot-dip galvanized coil	820-830*	-3.23%	▼ 29 Mar 18

<b>Indian imports</b>			
<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%	29 Mar 18
Hot rolled coil (commodity)	670-675*	-2.18%	▼ 29 Mar 18
Hot rolled coil (CR grade)	620-625*	-4.23%	▼ 29 Mar 18
Cold rolled	660-665*	0%	29 Mar 18

<b>Indian domestic</b>			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	32,700-32,900*	-1.2%	▼ 29 Mar 18
Heavy plate	42,500-43,000*	0%	29 Mar 18
Hot rolled coil	43,750-44,250*	0%	29 Mar 18
Cold rolled coil	48,500-49,000*	0%	29 Mar 18
DRI	21,200-21,400*	-0.93%	▼ 29 Mar 18
Hot-dip galvanized coil	53,000-53,500*	0%	29 Mar 18
Rebar	36,800-37,200*	-2.12%	▼ 29 Mar 18

**STEELBENCHMARKER™ PRICES**

	Price	Change†	Assessed
<b>Region: USA east of the Mississippi</b>			
Standard plate (\$/metric tonne)	1,018	5.06%	▲ 26 Mar 18
Standard plate (\$/short ton)	924	5.12%	▲ 26 Mar 18
Hot rolled coil (\$/metric tonne)	909	1.68%	▲ 26 Mar 18
Hot rolled coil (\$/short ton)	825	1.73%	▲ 26 Mar 18
Cold rolled coil (\$/metric tonne)	1,049	0.77%	▲ 26 Mar 18
Cold rolled coil (\$/short ton)	951	0.74%	▲ 26 Mar 18
<b>Region: Mainland China</b>			
Rebar	484	-8.68%	▼ 26 Mar 18
Standard plate	549	-1.44%	▼ 26 Mar 18
Hot rolled coil	510	-5.2%	▼ 26 Mar 18
Cold rolled coil	609	-3.33%	▼ 26 Mar 18
<b>Region: World export market</b>			
Hot rolled coil (\$/metric tonne)	637	1.11%	▲ 26 Mar 18

**STAINLESS STEEL**

	Price	Change†	Assessed
<b>Asia import</b>			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,090-2,180*	-3.39%	▼ 28 Mar 18
Grade 304 HR sheet	2,070-2,150*	-2.31%	▼ 28 Mar 18
<b>China domestic</b>			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,200-15,100*	-0.34%	▼ 29 Mar 18
Grade 430 2mm CR coil	9,300-9,400*	-0.8%	▼ 29 Mar 18

<b>EU export</b>			
€/tonne fob N.European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,386-2,537*	1.8%	▲ 29 Mar 18

<b>EU domestic</b>			
2mm 304 cold rolled stainless steel, €/tonne			
N.Europe Base price	1,050-1,130*	0%	29 Mar 18
Alloy surcharge	1,336-1,407*	3.28%	▲ 29 Mar 18
2mm 316 cold rolled stainless steel, €/tonne			
Base price	1,350-1,430*	0%	29 Mar 18
Alloy surcharge	2,057-2,145*	2.91%	▲ 29 Mar 18
304 stainless steel bright bar, €/tonne			
Base price	990-1,040*	0%	29 Mar 18
Alloy surcharge	1,590-1,692*	2.05%	▲ 29 Mar 18

<b>US domestic</b>			
<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*	0%	26 Mar 18
Grade 316L cold rolled sheet	174-174*	0%	26 Mar 18

<b>Raw materials index</b>			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,516.84*	-0.85%	▼ 03 Apr 18

**CHINA IRON ORE**

<i>cfr main China port \$ per dry metric tonne</i>			
	Price	Change†	Assessed
Iron ore index (62% Fe)	63.76*	-2.16%	▼ 03 Apr 18
Iron ore pellet index cfr Qingdao (65% Fe)	110.31*	-6.17%	▼ 29 Mar 18
Iron ore concentrate index cfr Qingdao (66% Fe)	86.64*	-8.45%	▼ 29 Mar 18
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao			
	1.20*	-11.11%	▼ 02 Apr 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	196.66-196.66*	-3.08%	▼ 03 Apr 18
Hard coking coal cfr China	188.41-188.41*	-4.55%	▼ 03 Apr 18
Premium hard coking coal fob Australia	195.84-195.84*	-2.27%	▼ 03 Apr 18
Hard coking coal fob Australia	183.60-183.60*	-2.75%	▼ 03 Apr 18
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,440-1,880*	-2.35%	▼ 30 Mar 18
65% CSR coke \$/tonne fob China	325-330*	0%	03 Apr 18

† week-on-week change

continued ➤

## FERROUS SCRAP

	Price	Change†	Assessed
<b>UK ferrous scrap domestic</b>			
<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>			
<b>Cut grades</b>			
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
<b>Bales and cuttings</b>			
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
<b>Turnings</b>			
UK inter-merchant 7B heavy steel turnings	175-195*	19.35% ▲	13 Mar 18
<b>Cast iron</b>			
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>			
<b>UK intermerchant weekly price</b>			
<i>£/tonne</i>			
5C loose old light	100-130*	-4.17% ▼	29 Mar 18
<b>UK ferrous scrap export</b>			
<i>MB assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	353-355*	0.57% ▲	29 Mar 18
Shredded	358-360*	0.56% ▲	29 Mar 18
<b>Indian imports</b>			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	390.84*	-2.03% ▼	29 Mar 18
HMS 1&2 (80:20 mix)	340-360*	-4.11% ▼	29 Mar 18
<b>Alloy steel scrap domestic</b>			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	930-980*	-2.55% ▼	29 Mar 18
18/8 turnings	790-835*	-2.4% ▼	29 Mar 18
12-13% Cr solids	230-250*	0%	29 Mar 18
16-17% Cr solids	260-280*	0%	29 Mar 18
<b>Cif Europe stainless € per tonne</b>			
18/8 solids	1,150-1,180*	-0.85% ▼	29 Mar 18
18/8 turnings	1,035-1,060*	-0.95% ▼	29 Mar 18
<b>Rotterdam export</b>			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	348.29*	-0.11% ▼	29 Mar 18
HMS 1&2 (70:30 mix)	342-344*	-0.58% ▼	29 Mar 18
Shredded	352-354*	-0.56% ▼	29 Mar 18
<b>Turkish import</b>			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	349.06*	-4.88% ▼	03 Apr 18
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	358.52*	-4.89% ▼	03 Apr 18
HMS 1&2 (75:25 mix)	361-363*	-0.55% ▼	29 Mar 18
Shredded	371-373*	-3.12% ▼	29 Mar 18

	Price	Change	Assessed
<b>Turkish domestic</b>			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	343-353*	-5.56% ▼	03 Apr 18
Auto bundle scrap (Turkish lira/tonne)	1,270-1,500*	-1.77% ▼	03 Apr 18
<b>USA export</b>			
<i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	353*	7.73% ▲	28 Mar 18
Shredded	380*	13.62% ▲	28 Mar 18
<b>USA domestic</b>			
<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
<b>China domestic</b>			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,160-2,300*	-8.23% ▼	30 Mar 18
<b>Taiwan import</b>			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	340-345*	-7.18% ▼	29 Mar 18
<b>Germany domestic</b>			
<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
<b>Italy domestic</b>			
<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
<b>EU imports \$/tonne</b>			
Pig iron imports cif Italy	395-415*	0%	29 Mar 18
<b>Latin American exports \$/tonne, delivery terms as stated</b>			
Hot briquetted iron Venezuela	250-260*	0%	29 Mar 18
Pig iron fob Vitoria/Rio	390-395*	2.61% ▲	29 Mar 18
Pig iron fob Ponta da Maderia	400-405*	2.55% ▲	29 Mar 18
<b>US imports \$/tonne cfr Gulf of Mexico</b>			
Pig iron	410-415*	0.61% ▲	29 Mar 18
<b>CIS exports \$/tonne fob main port</b>			
Pig iron Baltic Sea	410-415*	1.23% ▲	29 Mar 18
Pig iron Black Sea	370-390*	-0.65% ▼	29 Mar 18
<b>China domestic yuan/tonne delivered warehouse</b>			
Pig iron	3,000-3,050*	0%	16 Feb 18

† week-on-week change

continued ➤

## NON-FERROUS SCRAP EUROPE

	Price	Change†	Assessed
<b>Aluminium</b>			
European free market MB assessment €/tonne			
Floated frag	1,260-1,280*	-1.17% ▼	29 Mar 18
Cast	1,165-1,225*	-0.83% ▼	29 Mar 18
Mixed turnings 6%	1,060-1,100*	-2.7% ▼	29 Mar 18
<b>Germany per 1000kg</b>			
Pure cuttings	1,330-1,410	-2.84% ▼	28 Mar 18
Commercial cast	1,210-1,330	-1.55% ▼	28 Mar 18
H9 extrusions	1,630-1,730	-1.47% ▼	28 Mar 18
Alloy turnings	990-1,110	-2.78% ▼	28 Mar 18
<i>Source: VDM</i>			
<b>France per 1000kg</b>			
Pure cuttings	1,480-1,500	0%	03 Apr 18
Old rolled	780-820	0%	03 Apr 18
Commercial cast	930-950	0%	03 Apr 18
<i>Source: Lettre d'Information Metaux</i>			
<b>Italy per 1000kg</b>			
Pure cuttings	1,095-1,150	-0.44% ▼	23 Mar 18
Old mixed scrap	1,420-1,465	-2.37% ▼	23 Mar 18
Commercial cast	975-1,015	-0.5% ▼	23 Mar 18
<i>Source: Assomet</i>			
<b>Copper</b>			
<b>Germany per 1000kg</b>			
Copper wire (berry)	5,150-5,300	-1.79% ▼	28 Mar 18
Heavy copper	4,600-4,840	-2.48% ▼	28 Mar 18
Heavy brass	3,330-3,410	-1.75% ▼	28 Mar 18
Brass turnings (MS 58)	3,750-3,900	-1.54% ▼	28 Mar 18
Brass sheet (MS 63)	3,950-4,100	-2.07% ▼	28 Mar 18
<i>Source: Verein Deutscher Metallhandler</i>			
<b>France per 1000kg</b>			
Electro cuttings	4,900-4,950	3.9% ▲	03 Apr 18
No 1 bright wire	4,550-4,600	2.23% ▲	03 Apr 18
Mixed (96%)	4,550-4,580	3.16% ▲	03 Apr 18
Brass plate cuttings 70/30	3,750-3,800	3% ▲	03 Apr 18
Brass turnings	3,250-3,300	1.55% ▲	03 Apr 18
Mixed brass	3,200-3,230	1.26% ▲	03 Apr 18
<i>Source: Lettre d'Information Metaux</i>			
<b>Italy per 1000kg</b>			
Electrolytic dd EN 12861-S-Cu-2	5,030-5,190	-3.31% ▼	23 Mar 18
Enamelled wire EN 12861-S-Cu-3	4,908-5,070	-3.39% ▼	23 Mar 18
New from tubes, strips etc EN 12861-S-Cu-4	4,932-5,160	-3.35% ▼	23 Mar 18
Old from tubes, strips etc 12861-S-Cu-7	4,760-4,930	-3.49% ▼	23 Mar 18
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,125-4,210	-2.69% ▼	23 Mar 18
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,330-3,660	-3.19% ▼	23 Mar 18
Several 95% m/m 12861-S-Cu-Zn-7	3,382-3,460	-3.25% ▼	23 Mar 18
<i>Source: Assomet</i>			

## STEEL BENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
<b>Region: USA, east of the Mississippi</b>			
Shredded scrap (\$/metric tonne) **	359	0%	26 Mar 18
Shredded scrap (\$/gross ton) **	365	0%	26 Mar 18
No 1 heavy melting scrap (\$/metric tonne)	335	0%	26 Mar 18
No 1 heavy melting scrap (\$/gross ton)	340	0%	26 Mar 18
No 1 busheling scrap (\$/metric tonne)	374	0%	26 Mar 18
No 1 busheling scrap (\$/gross ton)	380	0%	26 Mar 18
**For shredded scrap the region is for all but the West Coast			

## UK NON-FERROUS SCRAP

	Price	Change†	Assessed
<b>Aluminium - actual price</b>			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	1,380-1,430*	-1.4% ▼	28 Mar 18
Commercial pure cuttings	1,150-1,200*	-0.84% ▼	28 Mar 18
Clean HE9 extrusions	1,380-1,430*	-1.4% ▼	28 Mar 18
Loose old rolled cuttings	870-900*	-0.56% ▼	28 Mar 18
Baled old rolled	935-965*	-0.52% ▼	28 Mar 18
Commercial cast	1,020-1,070*	-0.95% ▼	28 Mar 18
Cast wheels	1,260-1,290*	-0.78% ▼	28 Mar 18
Commercial turnings	700-740*	-0.69% ▼	28 Mar 18
Group 7 turnings	600-620*	-0.41% ▼	28 Mar 18

## MB and LME aluminium scrap discounts

<i>£ per tonne</i>			
Group 1 pure 99% & Litho	8-58*	-35.29% ▼	28 Mar 18
Commercial pure cuttings	238-288*	-9.62% ▼	28 Mar 18
Clean HE9 extrusions	8-58*	-35.29% ▼	28 Mar 18
Loose old rolled cuttings	411-441*	-7.99% ▼	28 Mar 18
Baled old rolled	346-376*	-9.3% ▼	28 Mar 18
Commercial cast	241-291*	-10.74% ▼	28 Mar 18
Cast wheels	21-51*	-47.06% ▼	28 Mar 18
Commercial turnings	571-611*	-5.89% ▼	28 Mar 18
Group 7 turnings	691-711*	-5.33% ▼	28 Mar 18

## Titanium

<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.95-1*	0%	28 Mar 18
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.80-0.90*	0%	28 Mar 18

## Copper scrap discount

<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	27-29*	-6.67% ▼	26 Mar 18

† week-on-week change

continued ➔

## NON-FERROUS FOUNDRY INGOTS

	Price	Change <sup>1</sup>	Assessed
<b>Aluminium UK £/tonne</b>			
<b>MB free market</b>			
LM24 pressure diecasting ingot	1,620-1,670*	0%	28 Mar 18
LM6/LM25 gravity diecasting ingot	1,830-1,870*	0%	28 Mar 18
NB: prices expressed delivered consumer works, LM series as specified in BS1490			
<b>Aluminium Europe</b>			
<b>MB free market</b>			
Duty paid delivered works pressure diecasting ingot price (DIN226/A380) - €/tonne			
	1,760-1,810*	-2.46%	▼ 29 Mar 18
<b>Aluminum US \$/lb delivered Midwest</b>			
A380.1 alloy	0.98-1*	0%	02 Apr 18
<b>AFFIMET €/tonne</b>			
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			
<b>VDM €/1000 kg delivered</b>			
DIN 226	2,420-2,520	-0.4%	▼ 28 Mar 18
DIN 231	2,500-2,600	-0.39%	▼ 28 Mar 18
DIN 311	2,480-2,580	-0.39%	▼ 28 Mar 18
<b>Aluminium bronze £/tonne UK</b>			
AB1 ex-works	4,810	-3.02%	▼ 27 Mar 18
AB2 ex-works	4,860	-2.99%	▼ 27 Mar 18
Source: C.F. Booth Ltd			
<b>Brass UK £/tonne</b>			
SCB3 ex-works	3,950	-2.47%	▼ 27 Mar 18
High tensile HTB1 ex-works	4,290	-2.28%	▼ 27 Mar 18
Source: C.F. Booth Ltd			
<b>Gunmetal UK £/tonne</b>			
LG2 85/5/5/5 ex-works	4,610	-2.54%	▼ 27 Mar 18
LG4 87/7/3/3 ex-works	5,320	-2.39%	▼ 27 Mar 18
G1 1.15 PB ex-works	5,890	-2.48%	▼ 27 Mar 18
Source: C.F. Booth Ltd			
<b>Phosphor bronze UK £/tonne</b>			
PB1 ex-works	6,560	-2.24%	▼ 27 Mar 18
Source: C.F. Booth Ltd			
<b>Phosphor copper £/tonne</b>			
10% P ex-works	6,200	-0.96%	▼ 27 Mar 18
15% P ex-works	6,250	-0.95%	▼ 27 Mar 18
Source: C.F. Booth Ltd			
<b>Zinc alloys UK £/tonne</b>			
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

## Metal Bulletin Metal Bulletin Price Book



**Cutting-edge graphing technology enables you to:**

- Track over 950 metals prices with ease
- Quickly analyse and compare prices
- Create sophisticated charts for presentations and reports

Start using your **Price Book** today  
**[www.metalbulletin.com](http://www.metalbulletin.com)**

# Monthly averages: March

## BASE METALS

	Low	High
<b>Aluminium</b>		
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne	94.19	103.48
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne	159.44	169.44
<b>Alumina</b>		
Index fob Australia	392.51	
<b>Copper</b>		
US High-grade cathode premium indicator, \$/tonne	121.25	132.28
<b>Nickel</b>		
Free market in warehouse premium		
Europe \$/tonne		
Uncut cathodes	230	280
4x4 cathodes	360	420
Briquettes	277.5	306.25
US		
Melting \$/lb	0.25	0.38
<b>Tin</b>		
European free market		
Spot Premium 99.9%, \$/tonne	325	371.25
Spot premium 99.85%, \$/tonne	250	300
Kuala Lumpur (ex-smelter), \$/tonne	21,110.45	
<b>MINOR METALS</b>		
<b>Antimony</b>		
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne	8,600	8,786.11
MMTA Standard grade II, \$/tonne	8,561.11	8,749.44
<b>Bismuth</b>		
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb	5.17	5.40
<b>Cadmium</b>		
MB free market		
min 99.95%, in warehouse, cents/lb	148.33	158.89
min 99.99%, in warehouse cents/lb	152.78	171.11
<b>Cobalt</b>		
MB free market		
High Grade, in warehouse, \$/lb	41.03	42.53
Low Grade, in warehouse, \$/lb	40.86	42.38
<b>Germanium Dioxide</b>		
MB free market min 99.99%, \$/kg	1,023.89	1,273.89
Rotterdam, \$/kg	1,623.89	1,769.44
<b>Indium</b>		
MB free market ingots, min 99.97%, in warehouse, \$/kg	321.56	360.89
<b>Magnesium</b>		
MB free market min 99.8%, \$/tonne	2,426	2,530
China free market min 99.8%, \$/tonne	2,376	2,448
<b>Mercury</b>		
MB free market min 99.99%, in warehouse, \$/flask	2,633.33	3,150

	Low	High
<b>Selenium</b>		
MB free market		
min 99.5% in warehouse, \$/lb	22.11	24
<b>Silicon</b>		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,300	2,410
<b>Titanium</b>		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.73	5.33

## ORES & ALLOYS

	Low	High
<b>Molybdenum</b>		
Free market in warehouse		
Europe drummed molybdic oxide \$/lb Mo	12.77	12.92
US canned molybdic oxide \$/lb Mo	12.84	13.06
<b>Ferro-molybdenum</b>		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	30.59	31.02
<b>Tungsten</b>		
European free market APT, \$/mtu	324.40	332.40
<b>Ferro-tungsten</b>		
basis 75% W min, \$/kg	41.62	42.84
<b>Vanadium</b>		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	14.70	15.36
<b>Ferro-vanadium</b>		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	68.24	70.78
US Free market 70-80%, \$/lb	32.76	34.08

## PRECIOUS METALS

<b>Gold</b>		
London \$/troy oz	Morning	1,325.56
	Afternoon	1,324.66
London £/troy oz	Morning	949.01
	Afternoon	948.05
\$/troy oz	Handy/Harman	1,324.66
<b>Palladium</b>		
Morning \$/troy oz		986.95
Afternoon \$/troy oz		987.33
<b>Platinum: per troy oz</b>		
Morning \$/troy oz		954.95
Afternoon \$/troy oz		954.57
<b>Rhodium</b>		
European free market		
min 99.9% in-warehouse, \$/troy oz	1,867.38	1,964.29
<b>Silver</b>		
London		
spot pence/troy oz		1,178.90
spot cents/troy oz		1,647.05
Handy/Harman cents/troy oz		1,647.30

† week-on-week change

continued ➤

## FOUNDRY INGOTS

	Low	High
<b>Aluminium</b>		
LM24, £/tonne	1,620	1,670
LM6/LM25, £/tonne	1,830	1,870
Aluminium Europe €/tonne	1,798	1,844
<b>Phosphor Bronze</b>		
PB1 ex-works, £/tonne	6,692.5	
<b>Zinc Alloy</b>		
ZL3, £/tonne	2,989	

## EXCHANGE RATES (CLOSING RATES)

\$/£	1.40
\$/yen	106.05
\$/€	1.23

Copyright © 2002-2018 Metal Bulletin

Metal Bulletin monthly average prices are calculated on those price quotations formulated during the month.

## LONDON METAL EXCHANGE

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

	Jan-Mar 2018		March
	Low	High	average
	\$	\$	\$
<b>Aluminium (\$)</b>			
Cash	1,996.75	2,265.5	2,076.17
3 months	2,013.75	2,267.5	2,094.40
Settlement	1,997	2,266	2,076.52
3 months seller	2,014	2,268	2,094.90
<b>Copper Grade A (\$)</b>			
Cash	6,499.5	7,202.25	6,795.25
3 months	6,549	7,250.5	6,832.82
Settlement	6,500	7,202.5	6,795.76
3 months seller	6,550	7,251	6,833.57
<b>Copper Grade A (£)</b>			
Settlement	4,568.46	5,316.28	4,864.13
3 months seller	4,586.19	5,335.54	4,871.70
<b>Lead (\$)</b>			
Cash	2,345.25	2,682.75	2,396.45
3 months	2,344.5	2,655.5	2,395.95
Settlement	2,345.5	2,683	2,397
3 months seller	2,345	2,656	2,396.88
<b>Lead (£)</b>			
Settlement	1,663.27	1,928.42	1,715.56
3 months seller	1,655.93	1,915.31	1,708.65
<b>Nickel (\$)</b>			
Cash	12,410	14,145	13,399.76
3 months	12,465	14,190	13,437.86
Settlement	12,415	14,150	13,403.57
3 months seller	12,470	14,200	13,444.05
<b>Tin (\$)</b>			
Cash	19,957.5	22,102.5	21,202.98
3 months	19,912.5	21,907.5	21,114.88
Settlement	19,960	22,105	21,214.05
3 months seller	19,925	21,910	21,123.33

	Jan-Mar 2018		March
	Low	High	average
	\$	\$	\$
<b>Zinc (\$)</b>			
Cash	3,214.5	3,617.5	3,280.02
3 months	3,214	3,585.5	3,274.92
Settlement	3,215	3,618	3,280.48
3 months seller	3,215	3,586	3,275.5
<b>Cobalt (\$)</b>			
Cash	75,250	95,250	87,750
3 months	75,250	95,250	87,940.48
Settlement	75,500	95,500	88,000
3 months seller	75,500	95,500	88,190.48
<b>Molybdenum (\$)</b>			
Cash	15,750	25,000	20,404.76
3 months	15,750	25,000	20,404.76
Settlement	16,000	26,000	21,261.90
3 months seller	16,000	26,000	21,261.90
<b>Aluminium Alloy (\$)</b>			
Cash	1,770	1,955	1,836.32
3 months	1,785	1,970	1,847.74
Settlement	1,771	1,960	1,840.79
3 months seller	1,790	1,975	1,852.62
<b>Nasaa (\$)</b>			
Cash	1,767.5	1,915	1,805.26
3 months	1,804.5	1,937.5	1,834.76
Settlement	1,770	1,920	1,807.36
3 months seller	1,807	1,940	1,839.29

## LME SETTLEMENT CONVERSION RATES

\$/£	1.40
\$/yen	106.07
\$/€	1.23