

Prices

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NEW YORK FUTURES				
	Price	Change [†]	Assessed	
Comex: Copper high grade cents/lb				
Settlement	271.60	2.57% ▲	16 Feb 17	
Open interest	298,007	1.53% ▲	15 Feb 17	
Stocks (short ton)	115,134	6.15% ▲	15 Feb 17	
Comex: Gold \$/troy oz				
Settlement	1,240.00	0.4% ▲	16 Feb 17	
Open interest	420,146	-0.93% ▼	15 Feb 17	
Stocks (troy oz)	8,946,247	-0.41% ▼	15 Feb 17	
Nymex: Palladium \$/troy oz				
Settlement	793.30	2.69% ▲	16 Feb 17	
Stocks (troy oz)	61,355	0% ▲	15 Feb 17	
Nymex: Platinum \$/troy oz				
Settlement	1,013.00	-0.61% ▼	16 Feb 17	
Stocks (troy oz)	229,802	0% ▲	15 Feb 17	
Comex: Silver cents/troy oz				
Settlement	1,806.30	1.94% ▲	16 Feb 17	
Open interest	199,203	4.09% ▲	15 Feb 17	
SHANGHAI FUTURES				
	Price	Change [†]	Assessed	
Aluminium yuan/tonne	13,980	2.34% ▲	17 Feb 17	
Copper yuan/tonne	48,220	1.84% ▲	17 Feb 17	
Nickel cathode yuan/tonne	89,750	5.34% ▲	17 Feb 17	
Tin ingot yuan/tonne	143,350	-0.44% ▼	17 Feb 17	
Zinc yuan/tonne	23,250	-0.39% ▼	17 Feb 17	
Steel rebar month 1 yuan/tonne	3,571	9.04% ▲	17 Feb 17	
Steel rebar month 2 yuan/tonne	3,544	6.65% ▲	17 Feb 17	
Steel rebar month 3 yuan/tonne	3,451	3.6% ▲	17 Feb 17	
Weekly stocks deliverable				
Aluminium (tonnes)	189,218	5.77% ▲	17 Feb 17	
Copper (tonnes)	295,730	6.51% ▲	17 Feb 17	
Nickel cathode (tonnes)	88,185	-0.92% ▼	17 Feb 17	
Tin ingot (tonnes)	2,497	-12.51% ▼	17 Feb 17	
Zinc (tonnes)	197,456	3.37% ▲	17 Feb 17	
Steel rebar (tonnes)	22,823	-2.53% ▼	17 Feb 17	
DAILY METAL AND STEEL				
<i>London forward LME settlement prices. All prices per tonne, unless otherwise stated, in LME warehouse, EU duty, if any paid for buyers account</i>				
	Price	Change [†]	Assessed	
Aluminium high grade \$				
Cash official	1,865-1,865.5	0.91% ▲	17 Feb 17	
Cash unofficial	1,891-1,893	2.8% ▲	16 Feb 17	
3 months official	1,878-1,879	1.12% ▲	17 Feb 17	
3 months unofficial	1,904-1,906	2.81% ▲	16 Feb 17	
LME Tapo notional average price (NAP)	1,839.92	1.25% ▲	16 Feb 17	
LME stocks (tonnes)	2,202,350	-1.3% ▼	16 Feb 17	
Aluminium alloy (A380.1/DIN/D12S) \$				
LME cash official	1,645-1,655	0.61% ▲	17 Feb 17	
LME cash unofficial	1,643.5-1,653.5	1.67% ▲	16 Feb 17	
LME 3 months official	1,655-1,665	0.3% ▲	17 Feb 17	
LME 3 months unofficial	1,655-1,665	1.53% ▲	16 Feb 17	
LME stocks (tonnes)	12,860	-1.08% ▼	16 Feb 17	

	Price	Change	Assessed	
N. American special aluminium alloy				
LME cash official	1,875-1,875.5	-1.56% ▼	17 Feb 17	
LME cash unofficial	1,894-1,904	-0.03% ▼	16 Feb 17	
LME 3 months official	1,890-1,895	-1.43% ▼	17 Feb 17	
LME 3 months unofficial	1,910-1,920	0%	16 Feb 17	
LME stocks (tonnes)	115,700	6.36% ▲	16 Feb 17	
Copper grade A \$				
LME cash official	5,938.5-5,939	1.15% ▲	17 Feb 17	
LME cash unofficial	5,978.5-5,980.5	2.73% ▲	16 Feb 17	
LME 3 months official	5,959-5,960	1.48% ▲	17 Feb 17	
LME 3 months unofficial	5,999-6,001	2.85% ▲	16 Feb 17	
LME Tapo notional average price (NAP)	5,928.75	1.26% ▲	16 Feb 17	
LME stocks (tonnes)	229,075	-7.71% ▼	16 Feb 17	
Lead \$				
LME cash official	2,268-2,269	-5.7% ▼	17 Feb 17	
LME cash unofficial	2,275.5-2,277.5	-3.05% ▼	16 Feb 17	
LME 3 months official	2,280-2,282	-4.68% ▼	17 Feb 17	
LME 3 months unofficial	2,289-2,291	-2.43% ▼	16 Feb 17	
LME stocks (tonnes)	189,750	0.6% ▲	16 Feb 17	
Nickel \$				
LME cash official	10,875-10,900	4.29% ▲	17 Feb 17	
LME cash unofficial	10,935-10,955	6.91% ▲	16 Feb 17	
LME 3 months official	10,940-10,950	4.79% ▲	17 Feb 17	
LME 3 months unofficial	10,990-11,010	6.93% ▲	16 Feb 17	
LME stocks (tonnes)	379,494	-0.62% ▼	16 Feb 17	
Tin \$				
LME cash official	19,750-19,755	2.88% ▲	17 Feb 17	
LME cash unofficial	19,770-19,820	3.53% ▲	16 Feb 17	
LME 3 months official	19,800-19,805	2.88% ▲	17 Feb 17	
LME 3 months unofficial	19,800-19,850	3.52% ▲	16 Feb 17	
LME stocks (tonnes)	5,995	1.44% ▲	16 Feb 17	
Zinc special high grade \$				
LME cash official	2,825-2,825.5	-2.77% ▼	17 Feb 17	
LME cash unofficial	2,850.5-2,852.5	0.23% ▲	16 Feb 17	
LME 3 months official	2,830-2,830.5	-2.46% ▼	17 Feb 17	
LME 3 months unofficial	2,857-2,859	0.53% ▲	16 Feb 17	
LME stocks (tonnes)	390,850	1.94% ▲	16 Feb 17	
Cobalt min 99.3%				
LME cash official	44,000-44,500	11.04% ▲	17 Feb 17	
LME 3 months official	44,000-44,500	11.04% ▲	17 Feb 17	
LME stocks (tonnes)	677	5.12% ▲	16 Feb 17	
Molybdenum \$				
LME cash official	14,750-15,250	0%	17 Feb 17	
LME 3 months official	14,750-15,250	0%	17 Feb 17	
LME stocks (tonnes)	0	0%	16 Feb 17	
Steel billet				
LME cash official	300-325	0%	17 Feb 17	
LME cash unofficial	300-325	0%	16 Feb 17	
LME 3 months official	300-325	0%	17 Feb 17	
LME 3 months unofficial	300-325	0%	16 Feb 17	
LME stocks (tonnes)	0	0%	16 Feb 17	

[†] week-on-week change

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Gold \$/troy oz	Price	Change	Assessed
London morning	1,241.40	1.28% ▲	17 Feb 17
London afternoon	1,240.55	0.3% ▲	16 Feb 17
Handy/Harman	1,240.55	0.3% ▲	16 Feb 17
Silver per troy oz			
London spot pence	1,450.14	2.47% ▲	17 Feb 17
London spot cents	1,800.5	2.19% ▲	17 Feb 17
Handy/Harman	1,809	2.2% ▲	16 Feb 17
Palladium \$/troy oz			
London morning	790	2.2% ▲	16 Feb 17
London afternoon	791	1.8% ▲	16 Feb 17
Platinum \$/troy oz			
London morning	1,012	-0.78% ▼	16 Feb 17
London afternoon	1,013	-0.59% ▼	16 Feb 17
Kuala Lumpur tin market			
Tin \$/tonne	19,750	3.84% ▲	17 Feb 17
ICDX			
Tin PB300 settlement price \$/tonne	19,800	2.33% ▲	17 Feb 17
Tin PB300 volume, tonnes	28	86.67% ▲	17 Feb 17

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change [†]	Assessed
Copper	77,181.46	-2.11% ▼	17 Feb 17
Aluminium	24,243.48	-2.35% ▼	17 Feb 17
Lead	29,487.24	-8.72% ▼	17 Feb 17
Zinc	36,719.35	-5.89% ▼	17 Feb 17
Nickel	141,653.13	0.96% ▲	17 Feb 17
Tin	256,730.05	-0.46% ▼	17 Feb 17

EXCHANGE RATES

	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.2427	-0.26% ▼	17 Feb 17
\$/¥	112.8500	-0.63% ▼	17 Feb 17
\$/€	1.0648	0.21% ▲	17 Feb 17
Closing rates, midpoint			
\$/£	1.2502	-0.18% ▼	16 Feb 17
\$/¥	113.2950	0.28% ▲	16 Feb 17
\$/€	1.0671	0.06% ▲	16 Feb 17
£/€	1.1716	-0.25% ▼	16 Feb 17
\$/CNY	6.8586	-0.13% ▼	16 Feb 17

BASE METALS ARBITRAGE

	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-306.45*	-3.48% ▼	17 Feb 17
Import arbitrage, RMB/tonne	-2,109.58*	-3.57% ▼	17 Feb 17
Copper			
Import arbitrage, \$/tonne	-104.40*	-5.13% ▼	17 Feb 17
Import arbitrage, RMB/tonne	-718.69*	-5.22% ▼	17 Feb 17
Nickel			
Import arbitrage, \$/tonne	-232.12*	-5.54% ▼	17 Feb 17
Import arbitrage, RMB/tonne	-1,597.88*	-5.63% ▼	17 Feb 17
Zinc			
Import arbitrage, \$/tonne	-176.96*	-4.67% ▼	17 Feb 17
Import arbitrage, RMB/tonne	-1,218.22*	-4.75% ▼	17 Feb 17

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

*MB Copyright

	Price	Change [†]	Assessed
Copper			
Rotterdam, Grade A, cathode, cif, \$/tonne	35.0–45.0*	0%	14 Feb 17
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0–20.0*	0%	14 Feb 17
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	50.0–55.0*	0%	14 Feb 17
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	52.50*	0%	14 Feb 17
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	55.0–65.0*	-4% ▼	14 Feb 17
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	62.00*	-1.59% ▼	14 Feb 17
Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0–15.0*	33.33% ▲	14 Feb 17
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	55.0–65.0*	0%	17 Feb 17
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	60.00*	-4.76% ▼	17 Feb 17
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	50.0–63.0*	-5.83% ▼	17 Feb 17
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	58.00*	-6.45% ▼	17 Feb 17
MB free market US: High-grade cathode premium indicator, \$/tonne	110.2–115.7*	0%	14 Feb 17
Aluminium			
Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	95.0–105.0*	8.11% ▲	17 Feb 17
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	102.00*	10.27% ▲	17 Feb 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	100.00–110.00*	0%	14 Feb 17
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	105.00*	1.94% ▲	14 Feb 17
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	10.0–25.0*	0%	14 Feb 17
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	80.0–85.0*	0%	14 Feb 17
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	82.00*	0%	14 Feb 17
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	95.0–105.0*	2.56% ▲	14 Feb 17
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	99.00*	0%	14 Feb 17
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,770*	0%	15 Feb 17
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	95.0–95.0*	26.67% ▲	01 Jan 17
Aluminium extrusion billet premium 6063 cif Japan, yearly, \$/tonne	140.0–170.0*	0%	13 Jan 17
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	155.0–165.0*	4.92% ▲	17 Feb 17
Aluminium P1020A, in-warehouse Rotterdam duty-paid, for delivery three months forward, \$/tonne	155.0–165.0*	4.92% ▲	17 Feb 17
Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne	310.0–320.0*	1.61% ▲	17 Feb 17
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.100–0.103*	0%	14 Feb 17
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	230.0–270.0*	4.17% ▲	14 Feb 17

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	160.0–200.0*	0%	14 Feb 17
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	280.0–340.0*	10.71% ▲	17 Feb 17
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0–20.0*	0%	14 Feb 17
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0–20.0*	0%	14 Feb 17
USA lead premium 99.97%, delivered domestic, \$/lb	0.09–0.10*	0%	14 Feb 17
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	140.0–180.0*	10.34% ▲	14 Feb 17
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	160.00*	6.67% ▲	14 Feb 17
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	140.0–180.0*	3.23% ▲	14 Feb 17
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	160.00*	10.34% ▲	14 Feb 17
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	40–70*	0%	14 Feb 17
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	5–15*	0%	14 Feb 17
uncut cathodes premium indicator	100.0–120.0*	0%	14 Feb 17
4x4 cathodes premium indicator	220.0–240.0*	0%	14 Feb 17
briquettes premium indicator	150.0–200.0*	0%	14 Feb 17
US: melting premium indicator, \$/lb	0.180–0.250*	0%	14 Feb 17
Tin			
MB European free market			
Spot premium 99.9%, \$/tonne	280–320*	0%	14 Feb 17
Spot premium 99.85%, \$/tonne	270–290*	0%	14 Feb 17
United States New York spot, cents/lb	922–923	2.44% ▲	16 Feb 17
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	70.0–90.0*	0%	14 Feb 17
MB EU: Special high grade, fca Rotterdam, \$/tonne	135.0–145.0*	0%	14 Feb 17
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	90.0–95.0*	5.71% ▲	14 Feb 17
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$ per tonne	90.0–95.0*	5.71% ▲	14 Feb 17
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	90.00*	2.27% ▲	14 Feb 17
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	110.0–130.0*	0%	14 Feb 17
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	123.00*	0.82% ▲	14 Feb 17
MB US: Special high grade, \$/lb	0.060–0.065*	0%	14 Feb 17

BASE METALS			
	Price	Change*	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne	2,900.0–3,000.0*–2.32%	▼	16 Feb 17
Alumina Index fob Australia	342.50*	1.02% ▲	16 Feb 17
Alumina Index fob Brazil	–4.77*		16 Feb 17
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	337.73*		16 Feb 17
Copper & Brass			
Producer premium			
Codelco: Contract 2016 Grade A cathode (average)	92.0	–17.86% ▼	04 Jan 16
Germany: (VDM) Electro, €/tonne wirebar (DEL):	5,781.1–5,810.8	3.53% ▲	15 Feb 17
cathodes:	5,720.0–5,820.0	3.87% ▲	15 Feb 17
South Africa: Palabora copper rod 7.90mm, Rand/tonne	88,787.300	–0.85% ▼	01 Feb 17
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.19–8.19*	–7.35% ▼	15 Feb 17
Copper concentrate Asia-Pacific Index TC import, \$/dm (twice monthly on 15th and last day of month)	81.90–81.90*	–7.35% ▼	15 Feb 17
Shanghai bonded copper stocks, tonnes	500,000–505,000*4.69%	▲	13 Feb 17
Nickel			
Nickel pig iron high grade NPI content 10–15% contract price delivered duty paid China RMB per nickel unit price	890.00–920.00*	1.69% ▲	14 Feb 17
Nickel pig iron high grade NPI content 10–15% spot price China RMB per nickel unit price	890.00–920.00*	0%	14 Feb 17
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	42–44*	8.86% ▲	14 Feb 17
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	56–61*	0%	14 Feb 17
Lead			
Germany: (VDM) virgin soft, €/tonne	2,420.00–2,450.000%		15 Feb 17
European automotive battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Soft lead (average)	155.81*	0.17% ▲	02 Feb 17
Ca/Ca grid grid lead (average)	455.66*	7.66% ▲	02 Feb 17
Connector lead (average)	597.16*	9.81% ▲	02 Feb 17
European industrial battery premium free market (Eurobat)			
in-warehouse Rotterdam €/tonne			
Stand-by refined or soft lead (average)	279.55*	7.25% ▲	02 Feb 17
Traction refined or soft lead (average)	279.86	5.41% ▲	02 Feb 17
For an explanation of these premiums, see http://www.eurobat.org/statistics			
Zinc			
Germany: (VDM) virgin, €/tonne	2,930.00–2,930.003.53%	▲	15 Feb 17
UK: Special high grade, delivered monthly average price £/tonne	2,395*	3.63% ▲	01 Feb 17

† week-on-week change

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PRECIOUS METALS

	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	695–795*	4.2% ▲	17 Feb 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	735	5% ▲	17 Feb 17
Englehard base price: \$/troy oz	735	2.08% ▲	17 Feb 17
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	788–796*	2.33% ▲	17 Feb 17
Englehard base price: \$/troy oz	794	3.25% ▲	17 Feb 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	796	2.18% ▲	17 Feb 17
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	1,010–1,016*	0.2% ▲	17 Feb 17
Englehard base price: \$/troy oz	1,016	1.09% ▲	17 Feb 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	1,016	0.89% ▲	17 Feb 17
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	815–915*	2.98% ▲	17 Feb 17
Englehard base price: \$/troy oz	875	2.94% ▲	17 Feb 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	875	3.55% ▲	17 Feb 17
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	32–42*	0% ▲	17 Feb 17
Englehard base price: \$/troy oz	42	0% ▲	17 Feb 17
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	40	0% ▲	17 Feb 17

MINOR METALS

	Price	Change [†]	Assessed
Antimony			
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam	7,800–8,100*	2.42% ▲	17 Feb 17
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	7,800–8,100*	3.41% ▲	17 Feb 17
MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne	54,000–55,000*	6.86% ▲	15 Feb 17
Arsenic			
MB free market \$/lb	0.90–1.25*	0% ▲	17 Feb 17
Bismuth			
MB free market \$/lb	4.45–4.80*	0.54% ▲	17 Feb 17
MB China domestic, min 99.99%, RMB/tonne	69,000–72,000*	9.3% ▲	17 Feb 17
Cadmium			
MB free market min 99.95% cents/lb	70.00–77.00*	7.3% ▲	17 Feb 17
MB free market min 99.99% cents/lb	73.00–80.00*	5.52% ▲	17 Feb 17
Chromium			
MB free market alumino-thermic min 99% \$/tonne	7,800–8,100*	0% ▲	17 Feb 17
Cobalt			
MB free market high-grade \$/lb	20.75–21.40*	13.31% ▲	17 Feb 17
MB free market low-grade \$/lb	19.90–20.90*	10.27% ▲	17 Feb 17
MB high-grade, weighted average of all confirmed international trades, \$/lb	21.16*	14.63% ▲	17 Feb 17
MB low-grade, weighted average of all confirmed international trades, \$/lb	20.30*	7.81% ▲	17 Feb 17
MB China domestic, min 99.8% RMB/tonne	358,000–380,000*	13.54% ▲	17 Feb 17
Cobalt tetroxide min 72.6% Co delivered China RMB/tonne	280,000–300,000*	12.62% ▲	17 Feb 17

	Price	Change	Assessed
Gallium			
MB free market \$/kg	140–160*	0% ▲	17 Feb 17
MB China domestic, min 99.99%, RMB/kg	830–870*	–3.41% ▼	15 Feb 17
Germanium			
Germanium dioxide MB free market \$/kg	640–740*	0% ▲	17 Feb 17
Germanium metal \$/kg Rotterdam	970–1,080*	11.41% ▲	17 Feb 17
Germanium metal MB China domestic, min 99.999%, RMB/kg	7,200–7,600*	0% ▲	15 Feb 17
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950–1,050*	0% ▲	17 Feb 17
Indium			
MB free market \$/kg	190–230*	0% ▲	17 Feb 17
MB China domestic, min 99.99% RMB/kg	1,330–1,380*	2.26% ▲	15 Feb 17
Indium Corp ingots min 99.97% \$/kg fob	440.00	–40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,050–2,200*	0% ▲	17 Feb 17
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,125–2,180*	1.29% ▲	15 Feb 17
MB Chinese free market min 99% Mg, ex-works RMB/tonne	14,100–14,500*	–0.35% ▼	15 Feb 17
Manganese flake			
MB free market \$/tonne	2,150–2,250*	0% ▲	17 Feb 17
Mercury			
MB free market \$ per flask	1,050–1,275*	0% ▲	17 Feb 17
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	770–900*	0% ▲	17 Feb 17
APR catalytic grade \$/kg Re	1,700–1,850*	–12.35% ▼	17 Feb 17
Selenium			
MB free market \$/lb	12.80–14.50*	0% ▲	17 Feb 17
MB China domestic, min 99.9%, RMB/kg	280–300*	0% ▲	17 Feb 17
Selenium dioxide, MB China domestic, min 98%, RMB/kg	210–230*	–10.2% ▼	17 Feb 17
Silicon			
MB free market €/tonne	1,900–1,950*	0% ▲	17 Feb 17
US free market cents/lb	101–103*	1.24% ▲	10 Feb 17
Export from mainland China min 98.5%, \$/tonne fob	1,520–1,540*	3.73% ▲	15 Feb 17
Tellurium			
MB free market \$/kg	27.50–38.00*	0% ▲	17 Feb 17
MB China domestic, min 99.99%, RMB/kg	370–400*	0% ▲	17 Feb 17
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	3.90–4.25*	0.62% ▲	17 Feb 17
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	770–850	0% ▲	16 Feb 17
Rutile bulk conc min 95% TiO2 fob/Aus	710–770	0% ▲	16 Feb 17
Ilmenite bulk conc min 54% TiO2 fob/Aus	100–110	0% ▲	16 Feb 17

† week-on-week change

continued >>

NOBLE ALLOYS & ORES				
	Price	Change†	Assessed	
Molybdenum molybdc oxide				
Europe drummed molybdc oxide \$/lb Mo	7.65–7.90*	2.98%	▲	17 Feb 17
US canned molybdc oxide \$/lb Mo	7.70–7.85*	0.97%	▲	16 Feb 17
Ferro-molybdenum				
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	18.50–18.90*	5.35%	▲	17 Feb 17
US free market 65–70% Mo \$/lb in-warehouse Pittsburgh	9.00–9.25*	1.96%	▲	16 Feb 17
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,040–1,060*	0.96%	▲	15 Feb 17
Tungsten				
European free market APT \$/mtu	195–205*	–0.25%	▼	17 Feb 17
Export from mainland China APT Chinese No1 grade, min 88.5% W03, \$/mtu fob	195–200*	0.51%	▲	15 Feb 17
MB Chinese free market concentrate 65% W03 in-warehouse China RMB/tonne	73,000–75,000*	0%		15 Feb 17
Ferro-tungsten				
Basis 75% W min \$/kg W in-warehouse Rotterdam duty unpaid	24.00–24.90*	1.03%	▲	17 Feb 17
China export min 75% \$/kg W, fob China	25.30–25.50*	–0.2%	▼	15 Feb 17
Vanadium				
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	25.35–26.10*	0.78%	▲	17 Feb 17
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	12.20–12.50*	0.41%	▲	16 Feb 17
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V205	4.95–5.30*	0%		17 Feb 17
Zircon				
Foundry grade bulk \$/tonne fob Australia	950–1,000	0%		16 Feb 17
Premium bulk \$/tonne fob Australia	1,000–1,050	0%		16 Feb 17
BULK ALLOYS				
	Price	Change†	Assessed	
Ferro-chrome \$/lb Cr				
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	1.17*	–3.31%	▼	17 Feb 17
Spot 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	9,300–9,600*	0%		17 Feb 17
Contract 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	9,300–9,595*	0%		17 Feb 17
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.65*	50%	▲	16 Dec 16
6–8% C basis 60% Cr max 1.5% Si	1.27–1.35*	–2.24%	▼	17 Feb 17
0.10% C average 60–70% Cr	2.11–2.20*	–1.6%	▼	10 Feb 17
European low carbon in-warehouse 0.06% C max – 65% Cr	2.15–2.22*	–1.35%	▼	10 Feb 17
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.40–1.55*	0%		10 Feb 17
Japan import 8–9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome	1.15–1.20*	–2.08%	▼	16 Feb 17
South Korea import 8–9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome	1.10–1.15*	–1.32%	▼	16 Feb 17
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	1.390–1.450*	–0.7%	▼	16 Feb 17
0.05% C – 65% min Cr	2.15–2.25*	0%		16 Feb 17
0.10% C – 62% min Cr	2.05–2.15*	0%		16 Feb 17
0.15% C – 60% min Cr	2.00–2.04*	0%		16 Feb 17

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, basis 42%	380-390*	-2.53%	▼ 17 Feb 17
Turkish lumpy 40-42% cfr main Chinese ports	400-410*	0%	17 Feb 17
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C /tonne	1,320-1,400*	0%	17 Feb 17
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,400-1,480*	0%	16 Feb 17
US free market medium carbon duty paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.12-1.17*	0%	16 Feb 17
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China RMB/tonne	6,700-6,900*	-4.23%	▼ 17 Feb 17
Manganese ore			
44% Mn, cif Tianjin \$/dmu of metal contained	4.72*	-10.1%	▼ 17 Feb 17
37% Mn, fob Port Elizabeth \$/dmu of metal contained	2.89*	-26.09%	▼ 17 Feb 17
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) /tonne	1,140-1,200*	0%	17 Feb 17
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	0.80-0.83*	0%	16 Feb 17
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,070-1,100*	-1.36%	▼ 17 Feb 17
MB Chinese free market min 75% Si, in-warehouse China, RMB/tonne	5,000-5,200*	-3.77%	▼ 17 Feb 17
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) /tonne	1,190-1,250*	0%	17 Feb 17
US free market \$/lb in-warehouse Pittsburgh	0.68-0.71*	0%	16 Feb 17
MB Chinese free market min 65% Mn max 17% Si in-warehouse China RMB/tonne	5,800-6,300*	-10.37%	▼ 17 Feb 17
65% min Mn 16% min Si \$/tonne fob India	980-1,025*	-0.99%	▼ 17 Feb 17

† week-on-week change

CARBON STEEL – EUROPE

	Price	Change [†]	Assessed
Northern Europe imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>			
Rebar	440–455*	0%	15 Feb 17
Wire rod (mesh quality)	455–470*	0%	15 Feb 17
Plate (8–40mm)	510–520*	5.1% ▲	15 Feb 17
Hot rolled coil	510–520*	-2.83% ▼	15 Feb 17
Cold rolled coil	610–620*	-2.38% ▼	15 Feb 17
Hot-dip galvanized coil	680–700*	2.99% ▲	15 Feb 17
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	400–415*	0%	15 Feb 17
Wire rod (mesh quality)	420–425*	0%	15 Feb 17
Plate (8–40mm)	510–525*	8.95% ▲	15 Feb 17
Hot rolled coil	500–530*	0%	15 Feb 17
Cold rolled coil	600–620*	-2.4% ▼	15 Feb 17
Hot-dip galvanized coil	640–680*	0%	15 Feb 17
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	385–400*	-1.88% ▼	15 Feb 17
Wire rod (mesh quality)	400–440*	0%	15 Feb 17
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	475–485*	-0.52% ▼	15 Feb 17
Wire rod (mesh quality)	470–480*	0%	15 Feb 17
Sections (medium)	610–640*	0%	15 Feb 17
Beams	510–540*	-0.94% ▼	15 Feb 17
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	400–405*	0%	15 Feb 17
Wire rod (mesh quality)	430–440*	-4.92% ▼	15 Feb 17
Sections (medium)	600–635*	0%	15 Feb 17
Beams	530–550*	-0.92% ▼	15 Feb 17
Central Europe domestic € per tonne ex-works			
Hot rolled coil	560–570*	0.89% ▲	15 Feb 17
Poland domestic zloty per tonne ex-works			
Rebar	1,810–1,890*	-2.63% ▼	17 Feb 17
Northern Europe € per tonne ex-works			
Plate (8–40mm)	600–630*	5.13% ▲	15 Feb 17
Hot rolled coil	550–575*	-0.44% ▼	15 Feb 17
Cold rolled coil	650–675*	-0.38% ▼	15 Feb 17
Hot-dip galvanized coil	680–715*	-2.45% ▼	15 Feb 17
Southern Europe € per tonne ex-works			
Plate (8–40mm)	525–550*	0.47% ▲	15 Feb 17
Hot rolled coil	520–550*	0%	15 Feb 17
Cold rolled coil	620–650*	0%	15 Feb 17
Hot-dip galvanized coil	640–670*	0%	15 Feb 17

CARBON STEEL – NORTH AFRICA

	Price	Change [†]	Assessed
Algeria imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, EU origin, commercial-quality carbon steel, € per tonne cfr main port</i>			
Rebar	405–425*	-2.92% ▼	15 Feb 17

CARBON STEEL – CIS

	Price	Change [†]	Assessed
CIS exports (Black Sea)			
<i>Metal Bulletin's appraisal of CIS mills' prices for export outside the CIS of commercial-quality carbon steel, \$ per tonne fob stowed main Black Sea port</i>			
Billet	362–370*	1.67% ▲	13 Feb 17
Slab	400–410*	0%	13 Feb 17
Rebar	395–440*	3.73% ▲	13 Feb 17
Wire rod (mesh)	405–450*	3.01% ▲	13 Feb 17
Heavy plate (10–50mm)	480–505*	-2.96% ▼	13 Feb 17
Hot rolled coil	460–490*	2.7% ▲	13 Feb 17
Cold rolled coil	550–565*	-1.33% ▼	13 Feb 17
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	32,500–35,000*	0.6% ▲	13 Feb 17
Hot rolled sheet	39,390–41,300*	0%	13 Feb 17
Cold rolled sheet	47,800–49,800*	1.04% ▲	13 Feb 17
Plate	38,500–38,550*	-1.22% ▼	13 Feb 17

CARBON STEEL – MIDDLE EAST

	Price	Change [†]	Assessed
Turkish exports			
<i>Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i>			
Billet	385–395*	2.63% ▲	16 Feb 17
Rebar	410–425*	3.09% ▲	16 Feb 17
Wire rod (mesh quality)	440–450*	2.3% ▲	16 Feb 17
Merchant bars	450–460*	2.25% ▲	16 Feb 17
Structural pipe	500–510*	-5.61% ▼	08 Feb 17
Hot rolled coil	520–530*	2.44% ▲	17 Feb 17
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	385–395*	4% ▲	16 Feb 17
Rebar	415–430*	4.32% ▲	16 Feb 17
Wire rod (mesh quality)	450–470*	5.75% ▲	16 Feb 17
Hot rolled coil	530–531*	2.51% ▲	17 Feb 17
Cold rolled coil	630–640*	1.6% ▲	17 Feb 17
Hot dip galvanized	720–730*	-0.34% ▼	17 Feb 17
Prepainted galvanized	770–840*	0%	17 Feb 17
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	395–405*	8.84% ▲	16 Feb 17
Hot rolled coil	495–500*	3.11% ▲	17 Feb 17
Cold rolled coil	575–580*	0%	17 Feb 17
UAE imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	390–395*	1.29% ▲	14 Feb 17
Rebar	405–410*	0.74% ▲	14 Feb 17
Hot rolled coil	510–535*	0.97% ▲	14 Feb 17
Cold rolled coil	644–645*	1.9% ▲	14 Feb 17
Hot dip galvanized coil	689–690*	2.53% ▲	14 Feb 17
Saudi Arabia imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Rebar	410–420*	5.73% ▲	14 Feb 17
Hot rolled coil	545–550*	2.82% ▲	14 Feb 17

† week-on-week change

	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	1,680–1,690*	0%	14 Feb 17

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	570–575*	0%	15 Feb 17
Hot rolled coil	500–505*	0%	15 Feb 17
Hot dip galvanized coil	789–790*	15.26% ▲	15 Feb 17

Egyptian domestic			
<i>Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, £ per tonne ex-works</i>			
Rebar	9,000–9,100*	0%	16 Feb 17

Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	400–405*	8.05% ▲	16 Feb 17

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	380–390*	0%	17 Feb 17
Slab	410–430*	–1.18% ▼	17 Feb 17
Rebar	405–425*	0%	17 Feb 17
Wire rod mesh quality	405–425*	0%	17 Feb 17
Heavy plate over 10mm	500–510*	0%	17 Feb 17
Hot rolled coil (dry)	490–500*	0%	17 Feb 17
Cold rolled coil	610–615*	0%	17 Feb 17
Galvanized coil	705–710*	0%	17 Feb 17

South America imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i>			
Plate	500–515*	0%	17 Feb 17
Hot rolled coil	525–535*	0%	17 Feb 17
Cold rolled coil	625–640*	0%	17 Feb 17
Galvanized coil	660–670*	0.76% ▲	17 Feb 17

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	670–680*	0.75% ▲	10 Feb 17
Cold rolled coil	800–810*	2.22% ▲	10 Feb 17
Galvanized coil	1,065–1,150*	0%	10 Feb 17
Rebar	800–820*	0%	10 Feb 17

Brazil domestic			
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reals per tonne ex-works</i>			
Hot rolled coil	3,500–3,740*	7.74% ▲	10 Feb 17
Cold rolled coil	3,870–3,990*	7.82% ▲	10 Feb 17
Hot dip galvanized coil	4,050–4,215*	0%	10 Feb 17
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reals per tonne delivered</i>			
Rebar	3,250–3,410*	11.93% ▲	10 Feb 17

† week-on-week change

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	454–454*	10.06% ▲	15 Feb 17
Merchant bars	560–580*	–3.39% ▼	27 Jan 17
Wire rod (low carbon)	426–435*	–3.15% ▼	08 Feb 17
Medium sections	600–620*	0%	26 Jan 17
Medium plate	560–570*	0%	08 Feb 17
Hot rolled coil (commodity)	560–590*	–0.86% ▼	08 Feb 17
Cold rolled coil	680–700*	–0.72% ▼	08 Feb 17
Hot dipped galvanized 0.012–0.015, G30	840–875*	0%	08 Feb 17
ERW linepipe (X42)	820–820*	5.13% ▲	31 Jan 17
OCTG API5CT – casing J/K55	860–860*	1.18% ▲	31 Jan 17

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)	530–550*	–1.82% ▼	15 Feb 17
Wire rod (mesh quality fob mill)	520–540*	0%	08 Feb 17
Plate (fob mill)	690–690*	0%	10 Feb 17
Hot rolled sheet (fob mill)	610–610*	–1.61% ▼	16 Feb 17
Cold rolled sheet (fob mill)	810–810*	–2.41% ▼	16 Feb 17
Hot-dip galvanized (base) Midwest (fob mill)	815–815*	–1.81% ▼	16 Feb 17
ERW linepipe (X42) (fob mill)	970–970*	7.78% ▲	31 Jan 17
OCTG API5CT – casing J/K55 (fob mill)	1,050–1,050*	5%	31 Jan 17
<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*	9.02% ▲	27 Jan 17

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	445–450*	3.47% ▲	17 Feb 17
Wire rod (mesh quality)	455–460*	4.57% ▲	17 Feb 17
Heavy plate	475–480*	4.37% ▲	17 Feb 17
Hot rolled coil	500–505*	1.01% ▲	17 Feb 17
Cold rolled coil	595–600*	2.14% ▲	17 Feb 17
Galvanized coil 1mm	630–640*	0%	17 Feb 17

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	3,450–3,500*	6.11% ▲	17 Feb 17
Wire rod (mesh)	3,470–3,500*	6.9% ▲	17 Feb 17
Sections	3,280–3,300*	4.44% ▲	17 Feb 17
Plate	3,590–3,630*	4.03% ▲	17 Feb 17
Hot rolled coil (min 2mm)	3,810–3,840*	1.46% ▲	17 Feb 17
Cold rolled coil (0.5 – 2 mm)	4,750–4,800*	0.63% ▲	17 Feb 17
Hot-dip galvanized coil	4,950–5,050*	–2.72% ▼	17 Feb 17

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	3,170–3,170*	8.56% ▲	17 Feb 17
<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	3,770–3,790*	3.28% ▲	17 Feb 17
Rebar	3,430–3,450*	7.17% ▲	17 Feb 17

	Price	Change	Assessed
Southern China domestic			
<i>Metal Bulletin's appraisal of prices in southern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	3,620–3,670*	4.44% ▲	17 Feb 17
Wire rod (mesh)	3,570–3,600*	8.14% ▲	17 Feb 17
Sections	3,480–3,500*	0.29% ▲	17 Feb 17
Plate	3,650–3,680*	2.09% ▲	17 Feb 17
Hot rolled coil (min 2mm)	3,850–3,880*	3.34% ▲	17 Feb 17
Cold rolled coil (0.5 – 2 mm)	4,770–4,820*	1.05% ▲	17 Feb 17
Hot-dip galvanized coil	5,000–5,050*	-0.59% ▼	17 Feb 17
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel & per tonne cfr</i>			
Billet	400–430*	1.84% ▲	13 Feb 17
Slab (Asia/East Asia)	400–430*	1.84% ▲	13 Feb 17
Hot rolled coil (Vietnam)	495–510*	-1.47% ▼	13 Feb 17
Rebar (Singapore)	420–430*	1.19% ▲	13 Feb 17
Wire rod (low carbon)	435–445*	0%	13 Feb 17
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	390–395*	0%	10 Feb 17
Plate (12–40mm)	480–485*	0%	10 Feb 17
Hot rolled coil (commodity)	480–515*	1.02% ▲	10 Feb 17
Hot-dip galvanized coil	730–740*	0%	10 Feb 17
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)	475–485*	-3.03% ▼	10 Feb 17
Hot rolled coil (commodity)	490–495*	-7.94% ▼	10 Feb 17
Hot rolled coil (CR grade)	500–505*	-0.99% ▼	10 Feb 17
Cold rolled	600–610*	-1.63% ▼	10 Feb 17
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	23,700–23,800*	-1.45% ▼	10 Feb 17
Heavy plate	38,000–38,500*	0%	10 Feb 17
Hot rolled coil	39,500–40,000*	0%	10 Feb 17
Cold rolled coil	43,500–44,000*	0%	10 Feb 17
DRI	15,200–15,300*	0.33% ▲	10 Feb 17
Hot-dip galvanized coil	47,000–47,500*	-4.06% ▼	10 Feb 17
Rebar	24,200–24,500*	-1.02% ▼	10 Feb 17

STEELBENCHMARKER™ PRICES

	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	788	5.49% ▲	13 Feb 17
Standard plate (\$/short ton)	715	5.46% ▲	13 Feb 17
Hot rolled coil (\$/metric tonne)	681	-1.3% ▼	13 Feb 17
Hot rolled coil (\$/short ton)	618	-1.28% ▼	13 Feb 17
Cold rolled coil (\$/metric tonne)	883	-2% ▼	13 Feb 17
Cold rolled coil (\$/short ton)	801	-1.96% ▼	13 Feb 17
Region: Mainland China			
Rebar	422	4.46% ▲	13 Feb 17
Standard plate	442	1.61% ▲	13 Feb 17
Hot rolled coil	467	0.86% ▲	13 Feb 17
Cold rolled coil	587	0.51% ▲	13 Feb 17
Region: World export market			
Hot rolled coil (\$/metric tonne)	516	-2.27% ▼	13 Feb 17

STAINLESS STEEL			
	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,250–2,300*	3.64% ▲	17 Feb 17
Grade 304 HR sheet	2,130–2,150*	4.14% ▲	17 Feb 17
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	16,100–16,500*	1.88% ▲	17 Feb 17
Grade 430 2mm CR coil	9,400–9,450*	-0.53% ▼	17 Feb 17
EU export			
€/tonne fob N. European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,537–2,584*	0%	17 Feb 17
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N. Europe Base price	1,130–1,150*	0%	17 Feb 17
Alloy surcharge	1,407–1,434*	0%	17 Feb 17
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,445–1,470*	0%	17 Feb 17
Alloy surcharge	1,897–1,947*	0%	17 Feb 17
304 stainless steel bright bar, €/tonne			
Base price	970–1,000*	0%	17 Feb 17
Alloy surcharge	1,660–1,820*	0%	17 Feb 17
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	108–108*	-3.15% ▼	09 Feb 17
Grade 316 coiled plate	139–139*	-2.46% ▼	09 Feb 17
Grade 304 cold rolled sheet	126–126*	-2.71% ▼	09 Feb 17
Grade 316L cold rolled sheet	161–161*	-2.13% ▼	09 Feb 17
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,280.47*	1.09% ▲	13 Feb 17

CHINA IRON ORE

cfr main China port \$ per dry metric tonne

	Price	Change [†]	Assessed
Iron ore index (62% Fe)	90.37*	4.33% ▲	17 Feb 17
Iron ore pellet index cfr Qingdao (65% Fe)	114.45*	6.55% ▲	17 Feb 17
Iron ore concentrate index cfr Qingdao (66% Fe)	108.63*	6.03% ▲	17 Feb 17
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.30*	0%	01 Feb 17

IRAN IRON ORE

cfr China US \$ per tonne

	Price	Change [†]	Assessed
Iron ore fines index (60% Fe)	82.21–82.21*	9%	15 Feb 17

COKING COAL

\$ per metric tonne

	Price	Change [†]	Assessed
Premium hard coking coal cfr China	159.07–159.07*	-7.49% ▼	17 Feb 17
Hard coking coal cfr China	151.01–151.01*	-3.58% ▼	17 Feb 17
Premium hard coking coal fob Australia	152.05–152.05*	-7.92% ▼	17 Feb 17
Hard coking coal fob Australia	143.26–143.26*	-6.54% ▼	17 Feb 17
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,300–1,770*	-0.65% ▼	17 Feb 17
65% CSR coke \$/tonne fob Tianjin	265–270*	-3.6% ▼	14 Feb 17

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			
0A plate and structural	125–135*	–23.53%	▼ 10 Feb 17
1&2 old steel	100–110*	–27.59%	▼ 10 Feb 17
12A/C new production heavy and shovellable steel	122–132*	–23.95%	▼ 10 Feb 17
12D new production heavy and shovellable steel	127–137*	–23.26%	▼ 10 Feb 17
Bales and cuttings			
4A new steel bales	129–139*	–22.99%	▼ 10 Feb 17
4C new steel bales	124–134*	–23.67%	▼ 10 Feb 17
8A new loose light cuttings	119–129*	–24.39%	▼ 10 Feb 17
8B new loose light cuttings	104–114*	–26.85%	▼ 10 Feb 17
Turnings			
UK inter-merchant 7B heavy steel turnings	70–80*	–34.78%	▼ 10 Feb 17
Cast iron			
9A/10 heavy and light cast iron	100–110*	–27.59%	▼ 10 Feb 17
9B/C cylinder block scrap	120–130*	–24.24%	▼ 10 Feb 17
11A cast iron borings	60–80*	–31.71%	▼ 10 Feb 17
<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	55–75*	0%	10 Feb 17
UK ferrous scrap export			
<i>MB assessment \$/tonne cfr main UK port</i>			
HMS 1&2 (80:20 mix)	258–260*	11.64%	▲ 17 Feb 17
Shredded	263–265*	11.39%	▲ 17 Feb 17
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	268.33*	3.19%	▲ 10 Feb 17
HMS 1&2 (80:20 mix)	245–260*	4.12%	▲ 17 Feb 17
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	950–970*	2.13%	▲ 17 Feb 17
18/8 turnings	810–825*	2.19%	▲ 17 Feb 17
12–13% Cr solids	210–230*	0%	17 Feb 17
16–17% Cr solids	240–260*	0%	17 Feb 17
Cif Europe stainless € per tonne			
18/8 solids	1,140–1,150*	1.33%	▲ 17 Feb 17
18/8 turnings	1,025–1,035*	0.98%	▲ 17 Feb 17
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	226.46*	6.98%	▲ 10 Feb 17
HMS 1&2 (70:30 mix)	251–253*	12.75%	▲ 17 Feb 17
Shredded	261–264*	12.18%	▲ 17 Feb 17
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	274.24*	10.03%	▲ 16 Feb 17
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	283.28*	9.94%	▲ 16 Feb 17
HMS 1&2 (75:25 mix)	268–270*	11.85%	▲ 17 Feb 17
Shredded	278–289*	12.95%	▲ 17 Feb 17

Price Change Assessed

Turkish domestic

MB assessment delivered

Melting scrap from shipbreaking (\$/tonne)	235.00–236.00*	2.84%	▲	13 Feb 17
Auto bundle scrap (Turkish lira/tonne)	810.00–880.00*	7.64%	▲	13 Feb 17

USA export

AMM ferrous scrap export index \$/tonne East Coast job New York

HMS 1&2 (80:20)	230.00*	0%		15 Feb 17
Shredded	235.00*	0%		15 Feb 17

USA domestic

AMM Midwest index \$/gross ton delivered mill

No1 heavy melting scrap	259.42*	–9.01%	▼	10 Feb 17
No1 busheling	305.65*	–2.53%	▼	10 Feb 17
Shredded	282.10*	–7.65%	▼	10 Feb 17

China domestic

yuan/tonne delivered mill

Heavy scrap	1,770–1,930*	8.19%	▲	17 Feb 17
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Taiwan import

\$/tonne cfr main port

HMS 1&2 (80:20 mix) (USA material)	243–253*	5.53%	▲	17 Feb 17
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Germany domestic

€/tonne composite sales price ex-yard, source: BDSV

No E2/8 (new steel scrap)	225.00	14.62%	▲	02 Jan 17
No E1 (old steel scrap)	210.80	16.14%	▲	02 Jan 17
No E3 (old thick steel scrap)	226.90	14.77%	▲	02 Jan 17
No E40 (shredded steel scrap)	235.60	15.32%	▲	02 Jan 17
No E5 (steel turnings)	184.50	15.96%	▲	02 Jan 17

MB assessment €/tonne delivered at mill

Grade E40 (shredded steel scrap)	250–260	14.61%	▲	13 Jan 17
No E8 (thin new production steel scrap)	245–260	14.77%	▲	13 Jan 17
No E3 (old thick scrap)	235–250	11.49%	▲	13 Jan 17

Italy domestic

MB assessment €/tonne delivered at mill

No E3 (old thick scrap)	240.00	8.99%	▲	20 Jan 17
No E8 (thin new production steel)	250.00	8.51%	▲	20 Jan 17

SCRAP SUBSTITUTES

Price Change† Assessed

EU imports \$/tonne

Pig iron imports cif Italy	300–315*	0%		16 Feb 17
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Latin American exports \$/tonne, delivery terms as stated

Hot briquetted iron Venezuela	195–210*	0%		17 Feb 17
Pig iron fob Vitoria/Rio	290–295*	0%		17 Feb 17
Pig iron fob Ponta da Maderia	300–305*	0%		17 Feb 17

US imports \$/tonne cfr Gulf of Mexico

Pig iron	310–320*	0%		17 Feb 17
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CIS exports \$/tonne fob main port

Pig iron Baltic Sea	340–350*	0%		16 Feb 17
Pig iron Black Sea	280–285*	0%		16 Feb 17

China domestic yuan/tonne delivered warehouse

Pig iron	2,700–2,750*	3.42%	▲	17 Feb 17
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† week-on-week change

continued >>

NON-FERROUS SCRAP EUROPE

	Price	Change†	Assessed
Aluminium			
European free market MB assessment €/tonne			
Floated frag	1,270–1,360*	0.38% ▲	17 Feb 17
Cast	1,200–1,260*	0.82% ▲	17 Feb 17
Mixed turnings 6%	1,100–1,170*	0.89% ▲	17 Feb 17
Germany per 1000kg			
Pure cuttings	1,370–1,470	4.03% ▲	15 Feb 17
Commercial cast	1,270–1,360	1.54% ▲	15 Feb 17
H9 extrusions	1,700–1,800	3.55% ▲	15 Feb 17
Alloy turnings	1,050–1,150	4.76% ▲	15 Feb 17
Source: VDM			
France per 1000kg			
Pure cuttings	1,600–1,620	6.62% ▲	14 Feb 17
Old rolled	760–780	0% ▲	14 Feb 17
Commercial cast	900–920	2.25% ▲	14 Feb 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Pure cuttings	1,290–1,390	1.13% ▲	10 Feb 17
Old mixed scrap	1,170–1,220	0.84% ▲	10 Feb 17
Commercial cast	1,075–1,125	0.92% ▲	10 Feb 17
Source: Assomet			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,400–5,580	2.43% ▲	15 Feb 17
Heavy copper	4,860–5,100	2.68% ▲	15 Feb 17
Heavy brass	3,370–3,610	3.56% ▲	15 Feb 17
Brass turnings (MS 58)	3,700–3,880	3.13% ▲	15 Feb 17
Brass sheet (MS 63)	3,960–4,160	4.24% ▲	15 Feb 17
Source: Verein Deutscher Metallhandler			
France per 1000kg			
Electro cuttings	5,000–5,050	3.29% ▲	14 Feb 17
No 1 bright wire	4,700–4,750	1.07% ▲	14 Feb 17
Mixed (96%)	4,500–4,550	4.38% ▲	14 Feb 17
Brass plate cuttings 70/30	3,800–3,900	4.76% ▲	14 Feb 17
Brass turnings	2,950–3,000	1.71% ▲	14 Feb 17
Mixed brass	2,950–3,000	3.48% ▲	14 Feb 17
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,422–5,504	3.8% ▲	10 Feb 17
Enamelled wire EN 12861-S-Cu-3	5,260–5,342	3.92% ▲	10 Feb 17
New from tubes, strips etc EN 12861-S-Cu-4	5,331–5,518	3.88% ▲	10 Feb 17
Old from tubes, strips etc 12861-S-Cu-7	5,107–5,189	4.04% ▲	10 Feb 17
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,353–4,430	4.15% ▲	10 Feb 17
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,475–3,835	3.25% ▲	10 Feb 17
Several 95% m/m 12861-S-Cu-Zn-7	3,602–3,680	5.05% ▲	10 Feb 17
Source: Assomet			

STEELBENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	281	-4.75% ▼	13 Feb 17
Shredded scrap (\$/gross ton)**	285	-5% ▼	13 Feb 17
No 1 heavy melting scrap (\$/metric tonne)	252	-8.7% ▼	13 Feb 17
No 1 heavy melting scrap (\$/gross ton)	256	-8.57% ▼	13 Feb 17
No 1 busheling scrap (\$/metric tonne)	310	-1.59% ▼	13 Feb 17
No 1 busheling scrap (\$/gross ton)	315	-1.56% ▼	13 Feb 17
**For shredded scrap the region is for all but the West Coast			

UK NON-FERROUS SCRAP

	Price	Change†	Assessed
Aluminium – actual price			
£ per tonne			
Group 1 pure 99% & Litho	1,350–1,400*	2.61% ▲	15 Feb 17
Commercial pure cuttings	1,100–1,200*	1.77% ▲	15 Feb 17
Clean HE9 extrusions	1,380–1,450*	2.91% ▲	15 Feb 17
Loose old rolled cuttings	830–900*	3.59% ▲	15 Feb 17
Baled old rolled	920–980*	2.7% ▲	15 Feb 17
Commercial cast	1,000–1,060*	1.48% ▲	15 Feb 17
Cast wheels	1,200–1,250*	0% ▲	15 Feb 17
Commercial turnings	680–750*	1.42% ▲	15 Feb 17
Group 7 turnings	580–680*	5% ▲	15 Feb 17

MB and LME aluminium scrap discounts

£ per tonne			
Group 1 pure 99% & Litho	93–143*	5.36% ▲	15 Feb 17
Commercial pure cuttings	293–393*	6.52% ▲	15 Feb 17
Clean HE9 extrusions	43–113*	1.3% ▲	15 Feb 17
Loose old rolled cuttings	412–482*	0.45% ▲	15 Feb 17
Baled old rolled	332–392*	1.97% ▲	15 Feb 17
Commercial cast	252–312*	6.42% ▲	15 Feb 17
Cast wheels	62–112*	58.18% ▲	15 Feb 17
Commercial turnings	562–632*	3.83% ▲	15 Feb 17
Group 7 turnings	632–732*	0.29% ▲	15 Feb 17

Titanium

\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.70–0.75*	6.62% ▲	15 Feb 17
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.56–0.65*	12.04% ▲	15 Feb 17

Copper scrap discount

cents/lb			
No 2 copper (birch/cliff) imported into China 94–96% cif China	30–31*	0%	30 Jan 17

† week-on-week change

continued >>

NON-FERROUS FOUNDRY INGOTS

	Price	Change [†]	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,500–1,550*	0.49% ▲	15 Feb 17
LM6/LM25 gravity diecasting ingot	1,700–1,740*	0%	15 Feb 17
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	1,720–1,800*	1.15% ▲	17 Feb 17
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.88–0.89*	2.31% ▲	16 Feb 17
AFFIMET €/tonne			
AS12	3,655	1.39% ▲	01 Feb 17
AS12 UN	2,920	1.57% ▲	01 Feb 17
AS9 U3	2,295	2% ▲	01 Feb 17
AS5 U3	2,645	1.73% ▲	01 Feb 17
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,330–2,430	1.28% ▲	15 Feb 17
DIN 231	2,410–2,510	1.23% ▲	15 Feb 17
DIN 311	2,390–2,490	1.24% ▲	15 Feb 17
Aluminium bronze £/tonne UK			
AB1 ex-works	4,850	2.11% ▲	14 Feb 17
AB2 ex-works	4,950	2.06% ▲	14 Feb 17
Source: C. F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	3,800	1.33% ▲	14 Feb 17
High tensile HTB1 ex-works	3,900	1.3% ▲	14 Feb 17
Source: C. F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,650	2.2% ▲	14 Feb 17
LG4 87/7/3/3 ex-works	5,350	1.9% ▲	14 Feb 17
G11.15 PB ex-works	6,250	1.63% ▲	14 Feb 17
Source: C. F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,950	2.21% ▲	14 Feb 17
Source: C. F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,400	1.59% ▲	14 Feb 17
15% P ex-works	6,500	1.56% ▲	14 Feb 17
Source: C. F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,812	5.36% ▲	01 Feb 17
Brock Metal ZL5	2,838	5.31% ▲	01 Feb 17

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BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot, \$/tonne	73.14	83.82
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot, \$/tonne	125.56	137.78
Alumina		
Index fob Australia	342.30	
Copper		
US high-grade cathode premium indicator, \$/tonne	110.23	118.50
Nickel		
Free market in-warehouse premium		
Europe \$/tonne		
Uncut cathodes	74.00	104.00
4x4 cathodes	196.00	236.00
Briquettes	112.00	177.00
US		
Melting \$/lb	0.17	0.24
Tin		
European free market		
Spot premium 99.9%, \$/tonne	324.00	407.00
Spot premium 99.85%, \$/tonne	292.00	332.00
Kuala Lumpur (ex-smelter), \$/tonne	20,753.25	

MINOR METALS

Antimony		
MB free market Regulus 99.65%, max Se 50ppm, in-warehouse, \$/tonne	7,443.75	7,703.13
MMTA standard grade II, \$/tonne	7,381.25	7,631.25
Bismuth		
MB free market min. 99.99%, tonne lots, in-warehouse, \$/lb	4.57	4.88
Cadmium		
MB free market		
min 99.95%, in-warehouse, cents/lb	65.00	70.00
min 99.99%, in-warehouse, cents/lb	68.00	76.75
Cobalt		
MB free market		
High grade, in-warehouse, \$/lb	15.59	16.39
Low grade, in-warehouse, \$/lb	15.30	16.10
Germanium dioxide		
MB free market min 99.99%, \$/kg	640.00	740.00
Rotterdam, \$/kg	870.00	970.00
Indium		
MB free market ingots, min 99.97%, in-warehouse, \$/kg	190.00	230.00
Magnesium		
MB free market min 99.8%, \$/tonne	2,150.00	2,300.00
China free market min 99.8%, \$/tonne	2,067.50	2,115.00

	Low	High
Mercury		
MB free market min 99.99%, in-warehouse, \$/flask	1,050.00	1,275.00
Selenium		
MB free market min 99.5% in-warehouse, \$/lb	12.75	14.75
Silicon		
MB free market, €/tonne	1,847.50	1,912.50
Titanium		
Ferro-titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	3.25	3.61

ORES & ALLOYS

	Low	High
Molybdenum		
Free market in-warehouse Europe drummed molybdic oxide \$/lb Mo	7.22	7.36
US canned molybdic oxide \$/lb Mo	7.19	7.43
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	17.49	18.03
Tungsten		
European free market APT, \$/mtu	190.75	199.13
Ferro-tungsten		
Basis 75% W min, \$/kg	25.50	25.84
Vanadium		
Min 98%, in-warehouse Rotterdam, V2O5, \$/lb	5.04	5.29
Ferro-vanadium		
Basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	24.53	25.28
US free market 70–80%, \$/lb	11.98	12.44

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,192.65
	Afternoon	1,192.62
London £/troy oz	Morning	967.60
	Afternoon	966.79
\$/troy oz	Handy & Harman	1,192.10
Palladium		
Morning \$/troy oz	746.38	
Afternoon \$/troy oz	748.38	
Platinum		
Morning \$/troy oz	970.90	
Afternoon \$/troy oz	971.76	
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	781.14	881.18
Silver		
London		
spot pence/troy oz	1,363.43	
spot cents/troy oz	1,680.76	
Handy & Harman, cents/troy oz	1,690.20	

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24, £/tonne	1,452.50	1,508.75
LM6/LM25 £/tonne	1,660.00	1,715.00
Aluminium Europe, €/tonne	1,635.00	1,712.50
Phosphor bronze		
PB1 ex-works, £/tonne	6,800.00	
Zinc alloy		
10 tonne lots ZL3 £/tonne	2,669.00	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.23
\$/yen	114.93
\$/€	1.06

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

	January 2017 Low \$	High \$	January average \$
Aluminium (\$)			
Cash	1,700.50	1,869.50	1,790.37
3 months	1,688.25	1,867.25	1,786.02
Settlement	1,701.00	1,870.00	1,790.79
3 months seller	1,688.50	1,867.50	1,786.38
Copper grade A (\$)			
Cash	5,500.25	5,920.75	5,736.99
3 months	5,517.00	5,929.50	5,758.42
Settlement	5,500.50	5,921.00	5,737.43
3 months seller	5,518.00	5,930.00	5,759.21
Copper grade A (£)			
Settlement	4,477.78	4,954.94	4,658.32
3 months seller	4,482.17	4,867.27	4,661.14
Lead (\$)			
Cash	2,006.75	2,389.50	2,236.25
3 months	2,021.00	2,387.50	2,236.13
Settlement	2,007.00	2,390.00	2,236.69
3 months seller	2,022.00	2,388.00	2,237.12
Lead (£)			
Settlement	1,635.70	1,924.01	1,813.70
3 months seller	1,644.30	1,920.28	1,810.24
Nickel (\$)			
Cash	9,377.50	10,445.00	9,980.71
3 months	9,425.00	10,477.50	10,032.50
Settlement	9,380.00	10,450.00	9,984.29
3 months seller	9,430.00	10,480.00	10,039.76
Tin (\$)			
Cash	19,697.50	21,295.00	20,741.31
3 months	19,722.50	21,212.50	20,705.12
Settlement	19,700.00	21,300.00	20,749.76
3 months seller	19,725.00	21,225.00	20,718.33

	January 2017 Low \$	High \$	January average \$
Zinc (\$)			
Cash	2,529.50	2,847.75	2,712.68
3 months	2,554.50	2,849.75	2,727.25
Settlement	2,530.00	2,848.00	2,713.00
3 months seller	2,555.00	2,850.00	2,727.74
Cobalt (\$)			
Cash	32,750.00	37,000.00	34,738.10
3 months	32,750.00	37,000.00	34,723.81
Settlement	33,000.00	37,250.00	34,961.90
3 months seller	33,000.00	37,250.00	34,973.81
Molybdenum (\$)			
Cash	15,000.00	15,000.00	15,000.00
3 months	15,000.00	15,000.00	15,000.00
Settlement	15,250.00	15,250.00	15,250.00
3 months seller	15,250.00	15,250.00	15,250.00
Aluminium alloy (\$)			
Cash	1,540.00	1,605.00	1,578.10
3 months	1,560.00	1,620.00	1,594.05
Settlement	1,545.00	1,610.00	1,583.10
3 months seller	1,565.00	1,625.00	1,599.05
Nasaa (\$)			
Cash	1,715.50	1,782.50	1,748.12
3 months	1,735.00	1,805.00	1,767.74
Settlement	1,716.00	1,785.00	1,752.19
3 months seller	1,740.00	1,810.00	1,772.62
Steel billet (\$)			
Cash	312.50	312.50	312.50
3 months	312.50	312.50	312.50
Settlement	325.00	325.00	325.00
3 months seller	325.00	325.00	325.00

LME SETTLEMENT CONVERSION RATES

\$/£	1.23
\$/yen	114.99
\$/€	1.06