

Prices

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NEW YORK FUTURES			
	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	218.15	-1.93% ▼	31 Mar16
Open interest	190,242	4.83% ▲	30 Mar16
Stocks (short ton)	71,991	0.37% ▲	30 Mar16
Comex: Gold \$/troy oz			
Settlement	1,234.20	1.05% ▲	31 Mar16
Open interest	470,384	-5.4% ▼	30 Mar16
Stocks (troy oz)	6,851,169	0.44% ▲	30 Mar16
Nymex: Palladium \$/troy oz			
Settlement	564.00	-1.56% ▼	31 Mar16
Stocks (troy oz)	65,869	0% ▲	30 Mar16
Nymex: Platinum \$/troy oz			
Settlement	976.60	2.54% ▲	31 Mar16
Stocks (troy oz)	192,118	-0.03% ▼	30 Mar16
Comex: Silver cents/troy oz			
Settlement	1,546.00	1.77% ▲	31 Mar16
Open interest	176,801	2.84% ▲	30 Mar16
SHANGHAI FUTURES			
	Price	Change [†]	Assessed
Aluminium yuan/tonne	11,855	1.67% ▲	01 Apr16
Copper yuan/tonne	37,120	-1.49% ▼	01 Apr16
Zinc yuan/tonne	14,330	0.99% ▲	01 Apr16
Weekly stocks deliverable			
Aluminium (tonnes)	326,410	-1.21% ▼	01 Apr16
Copper (tonnes)	368,725	-4.45% ▼	01 Apr16
Zinc (tonnes)	270,764	-1.3% ▼	01 Apr16
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	1,523.5-1,524	3.71% ▲	01 Apr16
Cash unofficial	1,503.5-1,504.5	2.17% ▲	31 Mar16
3 months official	1,535-1,535.5	3.77% ▲	01 Apr16
3 months unofficial	1,514-1,515	2.26% ▲	31 Mar16
LME Tapo notional average price (NAP)	1,532.53	-0.67% ▼	30 Mar16
LME stocks (tonnes)	2,783,050	-1.13% ▼	31 Mar16
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,545-1,555	-1.9% ▼	01 Apr16
LME cash unofficial	1,567-1,577	-0.91% ▼	31 Mar16
LME 3 months official	1,570-1,580	-1.87% ▼	01 Apr16
LME 3 months unofficial	1,590-1,600	-0.93% ▼	31 Mar16
LME stocks (tonnes)	16,880	0%	31 Mar16
N. American special aluminium alloy			
LME cash official	1,701-1,702	-0.35% ▼	01 Apr16
LME cash unofficial	1,700.5-1,710.5	0.12% ▲	31 Mar16
LME 3 months official	1,730-1,735	0.29% ▲	01 Apr16
LME 3 months unofficial	1,720-1,730	0%	31 Mar16
LME stocks (tonnes)	52,280	0.97% ▲	31 Mar16

	Price	Change	Assessed
Copper grade A \$			
LME cash official	4,878-4,880	-1.05% ▼	01 Apr16
LME cash unofficial	4,904.5-4,906.5	-0.95% ▼	31 Mar16
LME 3 months official	4,855-4,857	-1.16% ▼	01 Apr16
LME 3 months unofficial	4,870-4,872	-1.16% ▼	31 Mar16
LME Tapo notional average price (NAP)	4,952.15	-0.05% ▼	30 Mar16
LME stocks (tonnes)	143,400	-3.84% ▼	31 Mar16
Lead \$			
LME cash official	1,719-1,719.5	-2.02% ▼	01 Apr16
LME cash unofficial	1,716.5-1,718.5	-1.49% ▼	31 Mar16
LME 3 months official	1,728-1,730	-1.9% ▼	01 Apr16
LME 3 months unofficial	1,724-1,726	-1.77% ▼	31 Mar16
LME stocks (tonnes)	155,975	-0.75% ▼	31 Mar16
Nickel \$			
LME cash official	8,370-8,380	-2.36% ▼	01 Apr16
LME cash unofficial	8,385-8,410	-2.95% ▼	31 Mar16
LME 3 months official	8,410-8,415	-2.46% ▼	01 Apr16
LME 3 months unofficial	8,425-8,450	-2.88% ▼	31 Mar16
LME stocks (tonnes)	431,802	-0.7% ▼	31 Mar16
Tin \$			
LME cash official	16,800-16,805	-4.65% ▼	01 Apr16
LME cash unofficial	16,835-16,885	-3.77% ▼	31 Mar16
LME 3 months official	16,720-16,725	-4.43% ▼	01 Apr16
LME 3 months unofficial	16,800-16,850	-3.44% ▼	31 Mar16
LME stocks (tonnes)	4,810	4.91% ▲	31 Mar16
Zinc special high grade \$			
LME cash official	1,841.5-1,842	3.67% ▲	01 Apr16
LME cash unofficial	1,792.5-1,794.5	0.82% ▲	31 Mar16
LME 3 months official	1,847-1,848	3.68% ▲	01 Apr16
LME 3 months unofficial	1,801-1,803	0.95% ▲	31 Mar16
LME stocks (tonnes)	435,025	-0.37% ▼	31 Mar16
Cobalt min 99.3%			
LME cash official	22,500-23,000	-1.19% ▼	01 Apr16
LME 3 months official	22,500-23,000	-1.19% ▼	01 Apr16
LME stocks (tonnes)	651	2.2% ▲	31 Mar16
Molybdenum \$			
LME cash official	11,700-12,200	0%	01 Apr16
LME 3 months official	11,700-12,200	0%	01 Apr16
LME stocks (tonnes)	120	0%	31 Mar16
Steel billet			
LME cash official	50-100	0%	01 Apr16
LME cash unofficial	50-100	0%	31 Mar16
LME 3 months official	65-115	0%	01 Apr16
LME 3 months unofficial	65-115	0%	31 Mar16
LME stocks (tonnes)	65	0%	31 Mar16

[†] week-on-week change

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Gold \$/troy oz				
London morning	1,232.10	1.29%	▲	01 Apr16
London afternoon	1,213.60	-0.61%	▼	01 Apr16
Handy/Harman	1,237	1.31%	▲	31 Mar16
Silver per troy oz				
London spot pence	1,076.28	-0.53%	▼	01 Apr16
London spot cents	1,538	0.65%	▲	01 Apr16
Handy/Harman	1,546.5	1.21%	▲	31 Mar16
Palladium \$/troy oz				
London morning	570	-1.21%	▼	31 Mar16
London afternoon	569	-1.39%	▼	31 Mar16
Platinum \$/troy oz				
London morning	970	1.89%	▲	31 Mar16
London afternoon	976	1.99%	▲	31 Mar16
Kuala Lumpur tin market				
Tin \$/tonne	16,700	-4.02%	▼	01 Apr16

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change*	Assessed
Copper	72,168.86	-5.04%	▼ 01 Apr16
Aluminium	22,537.98	-0.49%	▼ 01 Apr16
Lead	25,429.17	-5.99%	▼ 01 Apr16
Zinc	27,240.79	-0.54%	▼ 01 Apr16
Nickel	123,929.31	-6.28%	▼ 01 Apr16
Tin	248,524.10	-8.51%	▼ 01 Apr16

EXCHANGE RATES

LME settlement conversion rates				
\$/£	1.4304	1.22%	▲	01 Apr16
\$/¥	112.1300	-0.35%	▼	01 Apr16
\$/€	1.1419	2.28%	▲	01 Apr16
Closing rates, midpoint				
\$/£	1.4373	1.61%	▲	31 Mar16
\$/¥	112.3950	-0.23%	▼	31 Mar16
\$/€	1.1395	2.08%	▲	31 Mar16
£/€	1.2613	-0.46%	▼	31 Mar16
\$/CNY	6.4676	-0.73%	▼	31 Mar16

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

*MB Copyright

	Price	Change*	Assessed
Copper			
Rotterdam, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	60.0-70.0*	0%	30 Mar16
Rotterdam, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	63.75*	-0.98%	▼ 30 Mar16
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	70.0-85.0*	0%	28 Mar16
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	76.25*	0%	28 Mar16
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	50.0-70.0*	0%	31 Mar16
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	63.75*	1.42%	▲ 31 Mar16
Singapore, copper low-high premium, Grade A, cathode, in warehouse, \$/tonne	5.0-25.0*	50%	▲ 31 Mar16
Singapore, copper average premium, Grade A, cathode, in warehouse, \$/tonne	12.50*	25%	▲ 31 Mar16
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	45.0-65.0*	15.79%	▲ 01 Apr16
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	53.43*	5.68%	▲ 01 Apr16
Shanghai, copper low-high premium, Grade A, cathode, cif \$/tonne	45.0-56.0*	6.32%	▲ 01 Apr16

	Price	Change	Assessed
Shanghai, copper average premium, Grade A, cathode, cif \$/tonne	50.25*	1.64%	▲ 01 Apr16
Johor, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	5.0-25.0*	50%	▲ 31 Mar16
Johor, copper average premium, Grade A, cathode, in-warehouse \$/tonne	12.88*	28.8%	▲ 31 Mar16
MB free market US: High-grade cathode premium indicator, \$/tonne	121.3-132.3*	0%	24 Mar16
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot low-high, \$/tonne	80.0-90.0*	0%	01 Apr16
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	85.00*	0%	01 Apr16
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	105.00-110.00*	0%	29 Mar16
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	108.33*	0.77%	▲ 29 Mar16
Aluminium P1020A, in-warehouse Singapore, spot low-high, \$/tonne	60.0-70.0*	0%	29 Mar16
Aluminium P1020A, in-warehouse Singapore, spot weighted average, \$/tonne	66.25*	0%	29 Mar16
Aluminium P1020A, in-warehouse Johor, spot low-high, \$/tonne	60.0-70.0*	0%	29 Mar16
Aluminium P1020A, in-warehouse Johor, spot weighted average, \$/tonne	65.00*	0%	29 Mar16
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	90.0-110.0*	-2.44%	▼ 29 Mar16
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	98.75*	6.76%	▲ 29 Mar16
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	105.0-115.0*	2.33%	▲ 29 Mar16
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	111.00*	4.06%	▲ 29 Mar16
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	130.0-150.0*	1.82%	▲ 01 Apr16
Aluminium P1020A, in-warehouse Rotterdam duty-paid, for delivery three months forward, \$/tonne	130.0-150.0*	0%	01 Apr16
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	115.0-117.0*	5.45%	▲ 31 Mar16
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot \$/tonne	320.0-350.0*	0%	01 Apr16
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.078-0.079*	1.95%	▲ 30 Mar16
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	230.0-320.0*	0%	31 Mar16
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	140.0-160.0*	0%	31 Mar16
Lead			
Rotterdam, lead low-high premium, 99.97% purity, in warehouse, \$/tonne	15.0-25.0*	0%	29 Mar16
Rotterdam, lead average premium, 99.97% purity, in warehouse, \$/tonne	20.00*	0%	29 Mar16
Johor, lead low-high premium, 99.97% purity, in warehouse, \$/tonne	10.0-20.0*	0%	31 Mar16
Johor, lead average premium, 99.97% purity, in warehouse, \$/tonne	15.00*	0%	31 Mar16
MB Battery grade free market premium in warehouse €/tonne	95.0-145.0*	0.84%	▲ 29 Mar16

* week-on-week change

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	Price	Change	Assessed
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in warehouse \$/tonne	130.0–190.0*	6.67% ▲	31 Mar 16
Shanghai, nickel average premium, 99.8% purity in warehouse \$/tonne	160.00*	5.49% ▲	31 Mar 16
uncut cathodes premium indicator	40.0–130.0*	0%	29 Mar 16
4x4 cathodes premium indicator	150.0–250.0*	0%	29 Mar 16
briquettes premium indicator	100.0–200.0*	0%	29 Mar 16
US: melting premium indicator \$/lb	0.150–0.200*	0%	23 Mar 16
Tin			
MB European free market			
Spot premium 99.9% \$/tonne	350–500*	0%	01 Apr 16
Spot premium 99.85% \$/tonne	325–375*	0%	01 Apr 16
Zinc			
Rotterdam, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	85.0–100.0*	37.04% ▲	30 Mar 16
Rotterdam, zinc average premium, 99.995% purity, in warehouse, \$/tonne	92.50*	39.62% ▲	30 Mar 16
South Korea, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	115.0–120.0*	0%	31 Mar 16
South Korea, zinc average premium, 99.995% purity, in warehouse, \$/tonne	117.50*	0%	31 Mar 16
Johor, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	60.0–80.0*	0%	31 Mar 16
Johor, zinc average premium, 99.995% purity, in warehouse, \$/tonne	68.33*	–1.21% ▼	31 Mar 16
Singapore, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	60.0–80.0*	0%	31 Mar 16
Singapore, zinc average premium, 99.995% purity, in warehouse, \$/tonne	68.33*	–1.21% ▼	31 Mar 16
Shanghai, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	100.0–120.0*	4.76% ▲	31 Mar 16
Shanghai, zinc average premium, 99.995% purity, in warehouse, \$/tonne	108.75*	0.39% ▲	31 Mar 16
MB US: Special high grade, \$/lb	0.065–0.073*	0%	31 Mar 16
MB EU: Special high grade, fca Rotterdam, \$/tonne	125.0–145.0*	0%	30 Mar 16

BASE METALS

	Price	Change [†]	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered, duty paid RMB/tonne	1,800.0–1,950.0*	–1.32% ▼	01 Apr 16
Alumina Index fob Australia	247.85*	1.24% ▲	01 Apr 16
Alumina Index fob Brazil	–2.48*		31 Mar 16
Copper & Brass			
Producer premium			
Codelco: Contract 2015 Grade A cathode (average)	92.0	–17.86% ▼	04 Jan 16
Germany: (VDM) Electro, €/tonne wirebar (DEL):	4,443.7–4,471.9	–3.65% ▼	30 Mar 16
cathodes:	4,350.0–4,450.0	–3.3% ▼	30 Mar 16
South Africa: Palabora copper rod 7.90mm, Rand/tonne	87,147.690	5.4% ▲	01 Apr 16

	Price	Change	Assessed
Nickel			
Nickel pig iron high grade NPI content 10–15% contract price delivered duty paid China RMB per nickel unit price	700.00–720.00*	0%	29 Mar 16
Nickel pig iron high grade NPI content 10–15% spot price China RMB per nickel unit price	690.00–710.00*	0%	29 Mar 16
Lead			
Germany: (VDM) virgin soft, €/tonne	1,740.00–1,750.00–3.86%	▼	30 Mar 16
European automotive battery premium free market (Eurobat)			
in warehouse Rotterdam €/tonne			
Soft lead (average)	155.42*	–0.01% ▼	31 Mar 16
Ca/Ca grid grid lead (average)	392.94*	0.29% ▲	31 Mar 16
Connector lead (average)	512.18*	–0.22% ▼	31 Mar 16
European industrial battery premium free market (Eurobat)			
in warehouse Rotterdam €/tonne			
Stand-by refined or soft lead (average)	240.15*	0.18% ▲	31 Mar 16
Traction refined or soft lead (average)	240.90	–1.4% ▼	31 Mar 16
For an explanation of these premiums, see http://www.eurobat.org/statistics			
Zinc			
Germany: (VDM) virgin, €/tonne	1,580.00–1,600.00–4.22%	▼	09 Dec 15
UK: Special high grade, delivered monthly average price £/tonne	1,397*	12.12% ▲	01 Mar 16

PRECIOUS METALS

	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in warehouse	470–570*	0%	01 Apr 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	520	0%	01 Apr 16
Engelhard base price: \$/troy oz	525	0%	31 Mar 16
Palladium			
European free market: min 99.9%, \$/troy oz in warehouse	569–576*	–4.1% ▼	01 Apr 16
Engelhard base price: \$/troy oz	569	–2.4% ▼	31 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	576	–1.03% ▼	01 Apr 16
Platinum			
European free market: min 99.9%, \$/troy oz in warehouse	976–983*	–1.06% ▼	01 Apr 16
Engelhard base price: \$/troy oz	968	0.83% ▲	31 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	983	2.5% ▲	01 Apr 16
Rhodium			
European free market: min 99.9%, \$/troy oz in warehouse	680–780*	–1.35% ▼	01 Apr 16
Engelhard base price: \$/troy oz	740	–1.33% ▼	31 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	740	0%	01 Apr 16
Ruthenium			
European free market: min 99.9%, \$/troy oz in warehouse	37–47*	0%	01 Apr 16
Engelhard base price: \$/troy oz	42	0%	31 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	42	0%	01 Apr 16

[†] week-on-week change

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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	5,300–5,600*	2.35% ▲	01 Apr 16
MMTA Standard Grade II, \$/tonne in warehouse Rotterdam	5,300–5,600*	2.35% ▲	01 Apr 16
MB Chinese free market			
MMTA Standard Grade II, delivered duty paid RMB/tonne	32,500–33,000*	0.77% ▲	30 Mar 16
Arsenic			
MB free market \$/lb	0.85–1.00*	0%	01 Apr 16
Bismuth			
MB free market \$/lb	4.30–4.70*	0%	01 Apr 16
MB China domestic, min 99.99%, RMB/tonne	59,500–61,000*	1.69% ▲	01 Apr 16
Cadmium			
MB free market min 99.95% cents/lb	63.00–68.00*	9.17% ▲	01 Apr 16
MB free market min 99.99% cents/lb	64.00–70.00*	7.2% ▲	01 Apr 16
Chromium			
MB free market alumino-thermic min 99% \$/tonne	7,600–8,000*	0%	01 Apr 16
Cobalt			
MB free market high-grade \$/lb	10.65–11.25*	0.92% ▲	01 Apr 16
MB free market low-grade \$/lb	10.50–11.15*	0.7% ▲	01 Apr 16
MB high-grade, weighted average of all confirmed international trades, \$/lb	10.68*	–2.02% ▼	01 Apr 16
MB low-grade, weighted average of all confirmed international trades, \$/lb	10.62*	3.11% ▲	01 Apr 16
MB China domestic, min 99.8% RMB/tonne	190,000–210,000*–1.48%	▼	01 Apr 16
Cobalt tetroxide min 72.6% Co delivered China RMB/tonne	130,000–138,000* 0%		01 Apr 16
Gallium			
MB free market \$/kg	115–150*	–1.12% ▼	01 Apr 16
MB China domestic, min 99.99%, RMB/kg	700–750*	–0.68% ▼	30 Mar 16
Germanium			
Germanium dioxide MB free market \$/kg	835–910*	0%	01 Apr 16
Germanium metal \$/kg Rotterdam	1,200–1,400*	0%	01 Apr 16
Germanium metal MB China domestic, min 99.999%, RMB/kg	7,000–7,500*	0%	30 Mar 16
Indium			
MB free market \$/kg	245–280*	0%	01 Apr 16
MB China domestic, min 99.99% RMB/kg	1,460–1,520*	–1% ▼	30 Mar 16
Indium Corp ingots min 99.97% \$/kg fob	440.00	–40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	1,900–2,000*	0%	01 Apr 16
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,020–2,030*	–0.25% ▼	30 Mar 16
MB Chinese free market min 99% Mg, ex-works RMB/tonne	12,500–12,600*	–0.79% ▼	30 Mar 16
Manganese flake			
MB free market \$/tonne	1,635–1,720*	0%	01 Apr 16
Mercury			
MB free market \$ per flask	1,150–1,550*	0%	01 Apr 16
Rhenium in warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	840–940*	0%	01 Apr 16
APR catalytic grade \$/kg Re	2,650–2,800*	0%	01 Apr 16

	Price	Change	Assessed
Selenium			
MB free market \$/lb	4.50–5.90*	–3.26% ▼	01 Apr 16
MB China domestic, min 99.9%, RMB/kg	80–100*	–2.7% ▼	01 Apr 16
Selenium dioxide, MB China domestic, min 98%, RMB/kg	57–63*	–4% ▼	01 Apr 16
Silicon			
MB free market €/tonne	1,750–1,900*	0%	01 Apr 16
US free market cents/lb	95–98*	–5.85% ▼	10 Mar 16
Export from mainland China min 98.5%, \$/tonne fob	1,650–1,660*	0.91% ▲	30 Mar 16
Tellurium			
MB free market \$/kg	25.00–40.00*	0%	01 Apr 16
MB China domestic, min 99.99%, RMB/kg	270–290*	–3.45% ▼	01 Apr 16
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	3.30–3.65*	–0.71% ▼	01 Apr 16
Titanium ores \$/tonne			
Rutile conc min 95% Tio2 bagged, fob/Aus	620–650	0%	31 Mar 16
Rutile bulk conc min 95% Tio2 fob/Aus	650–700	0%	31 Mar 16
Ilmenite bulk conc min 54% Tio2 fob/Aus	100–110	0%	31 Mar 16

[†] week-on-week change

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NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Lithium ores			
Petalite 4.2% Li ₂ O bagged fob Durban \$/tonne	170–265	0%	31 Mar16
Spodumene 7.25% Li ₂ O cif Europe \$/tonne	740–790	0%	31 Mar16
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	5.50–5.60*	1.37% ▲	01 Apr16
US canned molybdic oxide \$/lb Mo	5.20–5.60*	0.93% ▲	31 Mar16
Ferro-molybdenum			
basis 65% min, in-warehouse Rotterdam \$/kg Mo	14.00–14.25*	2.73% ▲	01 Apr16
US free market 65–70% Mo \$/lb in warehouse Pittsburgh	6.70–7.00*	2.24% ▲	31 Mar16
MB Chinese free market concentrate 45% Mo in warehouse China RMB/mtu	780–800*	0%	30 Mar16
Tungsten			
European free market APT \$/mtu	170–185*	0.57% ▲	01 Apr16
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	178–185*	0.55% ▲	30 Mar16
MB Chinese free market concentrate 65% W03 in warehouse China RMB/tonne	65,000–68,000*	0.76% ▲	30 Mar16
Ferro-tungsten			
Basis 75% W min \$/kg W in warehouse Rotterdam duty unpaid	23.50–24.00*	1.5% ▲	01 Apr16
Vanadium			
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	15.00–15.40*	3.75% ▲	01 Apr16
US free market ferro-vanadium \$/lb in warehouse Pittsburgh	7.25–7.50*	1.72% ▲	31 Mar16
Vandium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V205	2.70–3.00*	0%	01 Apr16
Zircon			
Foundry grade bulk \$/tonne fob Australia	950–1,000	0%	31 Mar16
Premium bulk \$/tonne fob Australia	1,000–1,050	0%	31 Mar16
BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	0.55*	0%	01 Apr16
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	0.92*	–11.54% ▼	09 Dec15
6–8% C basis 60% Cr max 1.5% Si	0.78–0.83*	0%	01 Apr16
0.10% C average 60–70% Cr	1.83–1.90*	0%	25 Mar16
European low carbon in warehouse 0.06% C max – 65% Cr	1.90–1.95*	0%	25 Mar16
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	0.90–0.94*	0%	25 Mar16
US free market in warehouse Pittsburgh 6–8% C basis 60–65% Cr max 2% Si	0.900–0.940*	0%	31 Mar16
US free market low carbon duty paid fob Pittsburgh			
0.05% C – 65% min Cr	2.20–2.22*	0%	31 Mar16
0.10% C – 62% min Cr	1.90–1.94*	0%	31 Mar16
0.15% C – 60% min Cr	1.87–1.89*	0%	31 Mar16
Spot 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	5,000–5,200*	0%	01 Apr16
Contract 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	4,680–4,780*	1.07% ▲	01 Apr16

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, basis 42%	92–97*	5%	▲ 01 Apr16
Turkish lumpy 40–42% cfr main Chinese ports	150–155*	0%	01 Apr16
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	610–650*	0.4%	▲ 01 Apr16
US free market 78% Mn standard 7.5% C \$/long ton in warehouse Pittsburgh	780–830*	0%	31 Mar16
US free market medium carbon duty paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	0.76–0.78*	0%	31 Mar16
MB Chinese free market min 65% Mn max 7.0% C in warehouse China RMB/tonne	4,400–4,800*	5.75% ▲	01 Apr16
Manganese ore			
44% Mn, cif Tianjin \$/dmtu of metal contained	4.01*	10.16% ▲	01 Apr16
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	3.63*	0.28% ▲	01 Apr16
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	865–910*	0%	01 Apr16
US free market \$/lb in warehouse Pittsburgh lumpy basis 75% Si – imported	0.70–0.75*	0%	31 Mar16
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,100–1,120*	0%	01 Apr16
MB Chinese free market min 75% in warehouse China RMB/tonne	4,800–5,000*	0%	01 Apr16
Silico-manganese			
Lumpy basis 65–75% Mn basis 15–19% Si (scale pro rata) €/tonne	650–685*	–1.11% ▼	01 Apr16
US free market \$/lb in warehouse Pittsburgh	0.38–0.40*	0%	31 Mar16
MB Chinese free market min 65% Mn max 17% Si in warehouse China RMB/tonne	5,500–5,800*	0.89% ▲	01 Apr16
65% min Mn 16% min Si \$/tonne fob India	850–905*	5.09% ▲	29 Mar16

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	330–355*	0%	30 Mar16
Wire rod (mesh quality)	305–310*	0%	30 Mar16
Plate (8–40mm)	300–320*	0%	30 Mar16
Hot rolled coil	340–360*	12.9% ▲	30 Mar16
Cold rolled coil	430–450*	8.64% ▲	30 Mar16
Hot-dip galvanized coil	420–450*	6.1% ▲	30 Mar16
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	330–355*	0%	30 Mar16
Wire rod (mesh quality)	300–310*	0%	30 Mar16
Plate (8–40mm)	300–310*	0%	30 Mar16
Hot rolled coil	280–295*	0%	30 Mar16
Cold rolled coil	370–400*	0%	30 Mar16
Hot-dip galvanized coil	390–400*	0%	30 Mar16

† week-on-week change

continued >>

Southern Europe exports

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

Rebar	350–360*	0.71%	▲	30 Mar 16
Wire rod (mesh quality)	335–360*	0%		30 Mar 16

Northern Europe domestic

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

Rebar	375–385*	2.7%	▲	30 Mar 16
Wire rod (mesh quality)	350–360*	0%		30 Mar 16
Sections (medium)	455–465*	0%		30 Mar 16

Southern Europe domestic

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

Rebar	345–370*	3.62%	▲	30 Mar 16
Wire rod (mesh quality)	360–380*	0%		30 Mar 16
Sections (medium)	475–485*	0%		30 Mar 16

Northern Europe € per tonne ex-works

Plate (8–40mm)	400–420*	0%		30 Mar 16
Hot rolled coil	330–350*	1.49%	▲	30 Mar 16
Cold rolled coil	420–460*	–0.56%	▼	30 Mar 16
Hot-dip galvanized coil	420–450*	–4.92%	▼	30 Mar 16

Southern Europe € per tonne ex-works

Plate (8–40mm)	360–400*	0%		30 Mar 16
Hot rolled coil	350–360*	10.94%	▲	30 Mar 16
Cold rolled coil	430–440*	4.82%	▲	30 Mar 16
Hot-dip galvanized coil	420–440*	3.61%	▲	30 Mar 16

CIS

	Price	Change [†]	Assessed
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CIS exports (Black Sea)

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

Billet	330–340*	2.29%	▲	28 Mar 16
Slab	315–320*	0%		28 Mar 16
Rebar	350–380*	6.57%	▲	28 Mar 16
Wire rod (mesh)	345–385*	5.04%	▲	28 Mar 16
Heavy plate (10–50mm)	390–420*	18.25%	▲	28 Mar 16
Hot rolled coil	365–370*	0%		28 Mar 16
Cold rolled coil	440–460*	0%		28 Mar 16

CIS domestic

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

Rebar	25,300–25,350*	10.95%	▲	28 Mar 16
Hot rolled sheet	29,000–29,050*	0%		28 Mar 16
Cold rolled sheet	35,300–35,500*	5.59%	▲	28 Mar 16

MIDDLE EAST

	Price	Change [†]	Assessed
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Turkish exports

Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port

Billet	350–360*	–5.33%	▼	31 Mar 16
Rebar	390–400*	2.33%	▲	31 Mar 16
Wire rod (mesh quality)	410–420*	2.47%	▲	31 Mar 16
Merchant bars	420–440*	2.38%	▲	31 Mar 16

Turkish domestic

Metal Bulletin's appraisal of prices within Turkey for commercial-quality carbon steel of Turkish origin, \$ per tonne ex-works

Billet	350–370*	1.41%	▲	31 Mar 16
Rebar	402–410*	0.12%	▲	31 Mar 16
Wire rod (mesh quality)	410–430*	–1.18%	▼	31 Mar 16
Hot rolled coil	450–470*	5.75%	▲	01 Apr 16
Cold rolled coil	530–550*	1.89%	▲	01 Apr 16

Turkish imports

Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port

Billet	340–350*	0.73%	▲	31 Mar 16
Hot rolled coil	380–390*	0%		01 Apr 16
Cold rolled coil	465–480*	0%		01 Apr 16

UAE imports

Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali

Billet	300–330*	–1.56%	▼	29 Mar 16
Rebar	395–400*	1.02%	▲	29 Mar 16
Hot rolled coil	370–380*	0%		29 Mar 16
Cold rolled coil	420–430*	0%		29 Mar 16

Iran domestic

Metal Bulletin's appraisal of prices within Iran for commercial-quality carbon steel of Iranian origin, million rials per tonne delivered warehouse Tehran

Rebar (12–25mm)	11.50–12.30*	0%		30 Mar 16
Plate	15.70–17.20*	0%		30 Mar 16
Hot rolled coil	13.35–16.20*	0%		30 Mar 16
Cold rolled coil	16.40–18.00*	0%		30 Mar 16
Hot-dip galvanized coil	19.40–21.00*	0%		30 Mar 16

Iran imports

Metal Bulletin's appraisal of prices quoted by overseas suppliers for commercial-quality carbon steel to Iranian buyers, \$ per tonne cfr Iranian northern ports

Billet	340–350*	0%		30 Mar 16
Rebar	380–390*	0%		30 Mar 16

Egyptian domestic

Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, £ per tonne ex-works

Rebar	4,775–4,860*	0%		31 Mar 16
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LATIN AMERICA

	Price	Change [†]	Assessed
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Latin American exports

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

Billet	300–310*	1.67%	▲	01 Apr 16
Slab	290–305*	6.25%	▲	01 Apr 16
Rebar	350–360*	20.34%	▲	01 Apr 16
Wire rod mesh quality	350–360*	20.34%	▲	01 Apr 16
Heavy plate over 10mm	400–425*	0%		01 Apr 16
Hot rolled coil (dry)	310–340*	1.56%	▲	01 Apr 16
Cold rolled coil	400–430*	5.73%	▲	01 Apr 16
Galvanized coil	485–525*	1%	▲	01 Apr 16

[†] week-on-week change

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 cif port Houston</i>			
Rebar	354–363*	12.12% ▲	16 Mar 16
Merchant bars	480–500*	0%	25 Mar 16
Wire rod (low carbon)	363–376*	5.72% ▲	23 Mar 16
Medium sections	480–490*	0%	24 Mar 16
Medium plate	380–430*	0%	23 Mar 16
Hot rolled coil (commodity)	380–400*	5.41% ▲	23 Mar 16
Cold rolled coil	500–560*	8.16% ▲	23 Mar 16
Hot dipped galvanized 0.012–0.015, G30	640–660*	2.36% ▲	23 Mar 16
Hot dipped galvanized 0.019, G60	600–610*	0%	23 Mar 16
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)	460–480*	0%	16 Mar 16
Wire rod (mesh quality fob mill)	450–480*	0%	23 Mar 16
Plate (fob mill)	520–520*	4% ▲	25 Mar 16
Hot rolled sheet (fob mill)	450–450*	4.65% ▲	31 Mar 16
Cold rolled sheet (fob mill)	620–620*	3.33% ▲	31 Mar 16
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	335–345*	3.03% ▲	01 Apr 16
Wire rod (mesh quality)	340–355*	0.72% ▲	01 Apr 16
Heavy plate	350–355*	2.17% ▲	01 Apr 16
Hot rolled coil	370–375*	4.2% ▲	01 Apr 16
Cold rolled coil	420–425*	16.55% ▲	01 Apr 16
Galvanized coil 1mm	505–510*	5.73% ▲	01 Apr 16
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	2,300–2,350*	3.1% ▲	01 Apr 16
Wire rod (mesh)	2,330–2,480*	2.56% ▲	01 Apr 16
Sections	2,330–2,350*	0.65% ▲	01 Apr 16
Plate	2,570–2,590*	1.38% ▲	01 Apr 16
Hot rolled coil (min 2mm)	2,460–2,490*	2.27% ▲	01 Apr 16
Cold rolled coil (0.5 – 2 mm)	3,160–3,220*	–1.39% ▼	01 Apr 16
Hot-dip galvanized coil	3,900–3,950*	6.8% ▲	01 Apr 16
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	2,330–2,350*	0.43% ▲	01 Apr 16
Wire rod (mesh)	2,330–2,380*	–0.84% ▼	01 Apr 16
Sections	2,430–2,450*	1.04% ▲	01 Apr 16
Plate	2,620–2,660*	4.55% ▲	01 Apr 16
Hot rolled coil (min 2mm)	2,480–2,500*	2.26% ▲	01 Apr 16
Cold rolled coil (0.5 – 2 mm)	3,340–3,400*	2.9% ▲	01 Apr 16
Hot-dip galvanized coil	4,000–4,100*	11.72% ▲	01 Apr 16
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	270–275*	0%	25 Mar 16
Plate (12–40mm)	400–405*	0%	25 Mar 16
Hot rolled coil (commodity)	400–405*	0%	25 Mar 16
Hot-dip galvanized coil	560–565*	3.69% ▲	25 Mar 16

Indian imports

Metal Bulletin's appraisal of prices for imported, non-EU origin, commercial-quality carbon steel, \$ per tonne cif main India port

Plate (20–60mm)	365–370*	–2% ▼	25 Mar 16
Hot rolled coil (commodity)	370–380*	2.74% ▲	25 Mar 16
Hot rolled coil (CR grade)	370–380*	2.74% ▲	25 Mar 16
Cold rolled	455–460*	2.23% ▲	25 Mar 16

Indian domestic

Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works

Billet	22,100–22,200*	0%	25 Mar 16
Heavy plate	26,000–26,500*	0%	25 Mar 16
Hot rolled coil	29,500–30,000*	3.48% ▲	25 Mar 16
Cold rolled coil	34,500–35,000*	2.96% ▲	25 Mar 16
DRI	12,900–13,000*	0%	25 Mar 16
Hot-dip galvanized coil	40,000–41,000*	0%	25 Mar 16

STEELBENCHMARKER™ PRICES

	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	570	7.34% ▲	28 Mar 16
Standard plate (\$/short ton)	518	7.47% ▲	28 Mar 16
Hot rolled coil (\$/metric tonne)	466	1.97% ▲	28 Mar 16
Hot rolled coil (\$/short ton)	423	2.17% ▲	28 Mar 16
Cold rolled coil (\$/metric tonne)	656	3.8% ▲	28 Mar 16
Cold rolled coil (\$/short ton)	595	3.66% ▲	28 Mar 16
Region: Mainland China			
Rebar	298	2.05% ▲	28 Mar 16
Standard plate	325	0.62% ▲	28 Mar 16
Hot rolled coil	320	3.23% ▲	28 Mar 16
Cold rolled coil	413	1.47% ▲	28 Mar 16
Region: World export market			
Hot rolled coil (\$/metric tonne)	321	7.36% ▲	28 Mar 16

STAINLESS STEEL

	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	1,650–1,700*	0%	01 Apr 16
Grade 304 HR sheet	1,600–1,650*	0%	01 Apr 16
China domestic			
yuan/tonne, in warehouse			
Grade 304 2mm CR coil	11,400–11,600*	0%	01 Apr 16
Grade 430 2mm CR coil	6,600–6,700*	0%	01 Apr 16
EU export			
€/tonne fob N. European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	1,844–1,959*	2.48% ▲	01 Apr 16
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
Base price	1,060–1,090*	0%	01 Apr 16
Alloy surcharge	784–869*	5.89% ▲	01 Apr 16
304 stainless steel bright bar, €/tonne			
Base price	790–820*	0%	01 Apr 16
Alloy surcharge	1,020–1,090*	5.55% ▲	01 Apr 16

[†] week-on-week change

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 therefore be read in conjunction with editorial comment on the Scrap and Secondary Metals pages.</i>			
<i>£/tonne</i>			
Cut grades			
0A plate and structural	115–125*	33.33% ▲	11 Mar 16
1&2 old steel	100–110*	31.25% ▲	11 Mar 16
12A/C New production heavy and shovellable steel	115–125*	41.18% ▲	11 Mar 16
12D New production heavy and shovellable steel	120–130*	31.58% ▲	11 Mar 16
Bales and cuttings			
4A new steel bales	120–130*	38.89% ▲	11 Mar 16
4C new steel bales	115–125*	41.18% ▲	11 Mar 16
8A new loose light cuttings	110–120*	64.29% ▲	11 Mar 16
8B new loose light cuttings	95–105*	53.85% ▲	11 Mar 16
Turnings			
UK inter-merchant 7B heavy steel turnings	60–70*	85.71% ▲	11 Mar 16
Cast iron			
9A/10 heavy and light cast iron	95–105*	42.86% ▲	11 Mar 16
9B/C cylinder block scrap	115–125*	33.33% ▲	11 Mar 16
11A cast iron borings	85–95*	50% ▲	11 Mar 16
<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	50–65*	15% ▲	24 Mar 16
UK ferrous scrap export			
<i>MB assessment \$/tonne fob main UK port</i>			
HMS 1&2 (80:20 mix)	225–227*	4.39% ▲	01 Apr 16
Shredded	235–237*	4.19% ▲	01 Apr 16
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	231.59*	1.96% ▲	25 Mar 16
HMS 1&2 (80:20 mix)	220–225*	3.49% ▲	01 Apr 16
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	560–590*	–2.54% ▼	01 Apr 16
18/8 turnings	475–500*	–2.99% ▼	01 Apr 16
12–13% Cr solids	55–65*	0%	01 Apr 16
16–17% Cr solids	85–105*	0%	01 Apr 16
Cif Europe stainless € per tonne			
18/8 solids	845–855*	–0.58% ▼	01 Apr 16
18/8 turnings	725–735*	0.69% ▲	01 Apr 16
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	211.90*	8.76% ▲	24 Mar 16
HMS 1&2 (70:30 mix)	220–222*	7.54% ▲	01 Apr 16
Shredded	234–236*	4.21% ▲	01 Apr 16
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	229.89*	2.74% ▲	31 Mar 16
HMS 1&2 (70:30 mix)	229–231*	7.23% ▲	01 Apr 16
Shredded	243–245*	4.05% ▲	01 Apr 16

Price Change Assessed

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

HMS 1&2 (80:20)	216.50*	0.23%	▲	30 Mar 16
Shredded	221.50*	0.23%	▲	30 Mar 16

USA domestic
AMM Midwest index \$/gross ton delivered mill

No1 heavy melting scrap	180.61*	12.54%	▲	10 Mar 16
No1 busheling	193.96*	7.41%	▲	10 Mar 16
Shredded	202.48*	6.77%	▲	10 Mar 16

China domestic
yuan/tonne delivered mill

Heavy scrap	1,270–1,310*	4.03%	▲	01 Apr 16
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Germany domestic
€/tonne delivered at scrapyard, source: BDSV

No E2/8 (new steel scrap)	144.10	7.62%	▲	01 Mar 16
No E1 (old steel scrap)	126.60	6.39%	▲	01 Mar 16
No E3 (old thick steel scrap)	141.50	5.13%	▲	01 Mar 16
No E40 (shredded steel scrap)	146.90	5.15%	▲	01 Mar 16
No E5 (steel turnings)	105.40	8.88%	▲	01 Mar 16

[†] week-on-week change

continued >>

NON-FERROUS SCRAP EUROPE

	Price	Change [†]	Assessed
Aluminium			
European free market MB assessment €/tonne			
Floated frag	1,200–1,250*	0.82% ▲	01 Apr 16
Cast	1,150–1,220*	0.85% ▲	01 Apr 16
Mixed turnings 6%	960–1,040*	1.01% ▲	01 Apr 16

Germany per 1000kg

Pure cuttings	1,120–1,220	-1.68% ▼	30 Mar 16
Commercial cast	1,140–1,260	-3.23% ▼	30 Mar 16
H9 extrusions	1,320–1,420	-1.08% ▼	30 Mar 16
Alloy turnings	830–950	-5.32% ▼	30 Mar 16

Source: VDM

France per 1000kg

Pure cuttings	1,160–1,180	-1.68% ▼	29 Mar 16
Old rolled	580–620	0%	29 Mar 16
Commercial cast	780–830	0%	29 Mar 16

Source: Lettre d'Information Metaux

Italy per 1000kg

Pure cuttings	1,150–1,250	0%	25 Mar 16
Old mixed scrap	1,120–1,170	0%	25 Mar 16
Commercial cast	1,060–1,110	0%	25 Mar 16

Source: Assomet

Copper**Germany per 1000kg**

Copper wire (berry)	4,180–4,360	-3.61% ▼	30 Mar 16
Heavy copper	3,860–4,100	-4.33% ▼	30 Mar 16
Heavy brass	2,470–2,700	-7.68% ▼	30 Mar 16
Brass turnings (MS 58)	2,890–3,050	-2.46% ▼	30 Mar 16
Brass sheet (MS 63)	3,050–3,200	-1.57% ▼	30 Mar 16

Source: Verein Deutscher Metallhandler

France per 1000kg

Electro cuttings	4,050–4,080	-0.97% ▼	29 Mar 16
No 1 bright wire	3,850–3,900	-0.9% ▼	29 Mar 16
Mixed (96%)	3,750–3,800	-2.33% ▼	29 Mar 16
Brass plate cuttings 70/30	2,900–2,980	-1.18% ▼	29 Mar 16
Brass turnings	2,500–2,600	0%	29 Mar 16
Mixed brass	2,400–2,520	0.41% ▲	29 Mar 16

Source: Lettre d'Information Metaux

Italy per 1000kg

Electrolytic dd EN 12861-S-Cu-2	4,182–4,234	-2.55% ▼	25 Mar 16
Enamelled wire EN 12861-S-Cu-3	4,020–4,072	-2.65% ▼	25 Mar 16
New from tubes, strips etc EN 12861-S-Cu-4	4,141–4,193	-2.57% ▼	25 Mar 16
Old from tubes, strips etc 12861-S-Cu-7	3,867–3,919	-2.75% ▼	25 Mar 16
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,126–3,203	-2.71% ▼	25 Mar 16
Mixed from valves/taps EN 12861-S-Cu-Zn-6	2,575–2,653	-3.26% ▼	25 Mar 16
Several 95% m/m 12861-S-Cu-Zn-7	2,375–2,453	-3.52% ▼	25 Mar 16

Source: Assomet

CHINA IRON ORE

cfr main China port \$ per dry metric tonne

	Price	Change [†]	Assessed
Iron ore index (62% fe)	54.80–54.80*	-2.79% ▼	01 Apr 16
Iron ore pellet index cfr Qingdao (65% fe)	73.83–73.83*	-2.11% ▼	01 Apr 16

STEELBENCHMARKER™ SCRAP PRICES

	Price	Change [†]	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	195	-0.51% ▼	28 Mar 16
Shredded scrap (\$/gross ton)**	198	-0.5% ▼	28 Mar 16
No 1 heavy melting scrap (\$/metric tonne)	173	0.58% ▲	28 Mar 16
No 1 heavy melting scrap (\$/gross ton)	176	0.57% ▲	28 Mar 16
No 1 busheling scrap (\$/metric tonne)	191	2.14% ▲	28 Mar 16
No 1 busheling scrap (\$/gross ton)	195	2.63% ▲	28 Mar 16

**For shredded scrap the region is for all but the West Coast

SCRAP SUBSTITUTES

	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	255–256*	0%	31 Mar 16
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	200–210*	7.89% ▲	01 Apr 16
Pig iron fob Vitoria/Rio	215–220*	10.13% ▲	01 Apr 16
Pig iron fob Ponta da Maderia	225–230*	9.64% ▲	01 Apr 16
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	240–245*	8.99% ▲	01 Apr 16
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	250–251*	0%	31 Mar 16
Pig iron Black Sea	245–246*	0.61% ▲	31 Mar 16
China domestic yuan/tonne delivered warehouse			
Pig iron	1,570–1,580*	0%	01 Apr 16

UK NON-FERROUS SCRAP

	Price	Change [†]	Assessed
Aluminium – actual price			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	990–1,030*	-0.49% ▼	30 Mar 16
Commercial pure cuttings	820–880*	2.41% ▲	30 Mar 16
Clean HE9 extrusions	990–1,040*	0%	30 Mar 16
Loose old rolled cuttings	600–640*	0%	30 Mar 16
Baled old rolled	690–750*	0%	30 Mar 16
Commercial cast	790–820*	0%	30 Mar 16
Cast wheels	950–1,020*	0%	30 Mar 16
Commercial turnings	540–610*	0%	30 Mar 16
Group 7 turnings	350–400*	0%	30 Mar 16

MB and LME aluminium scrap discounts

<i>£ per tonne</i>			
Group 1 pure 99% & Litho	2–42*	-8.33% ▼	30 Mar 16
Commercial pure cuttings	152–212*	-12.92% ▼	30 Mar 16
Clean HE9 extrusions	-8–42*	-29.17% ▼	30 Mar 16
Loose old rolled cuttings	465–505*	2.11% ▲	30 Mar 16
Baled old rolled	355–415*	2.67% ▲	30 Mar 16
Commercial cast	285–315*	3.45% ▲	30 Mar 16
Cast wheels	85–155*	9.09% ▲	30 Mar 16
Commercial turnings	495–565*	1.92% ▲	30 Mar 16
Group 7 turnings	705–755*	1.39% ▲	30 Mar 16

Titanium

<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.45–0.70*	-4.17% ▼	30 Mar 16
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.31–0.37*	0%	30 Mar 16

† week-on-week change

continued >>

NON-FERROUS FOUNDRY INGOTS

	Price	Change†	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,250–1,320*	1.18% ▲	30 Mar16
LM6/LM25 gravity diecasting ingot	1,490–1,540*	0.66% ▲	30 Mar16
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	1,580–1,660*	0%	01 Apr16
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.86–0.88*	0%	31 Mar16
AFFIMET €/tonne			
AS12	3,145	0.64% ▲	01 Mar16
AS12 UN	2,845	0.53% ▲	01 Mar16
AS9 U3	2,220	0.68% ▲	01 Mar16
AS5 U3	2,570	0.59% ▲	01 Mar16
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,180–2,280	0%	30 Mar16
DIN 231	2,260–2,360	0%	30 Mar16
DIN 311	2,240–2,340	0%	30 Mar16
Aluminium bronze £/tonne UK			
AB1 ex-works	3,800	0%	29 Mar16
AB2 ex-works	3,950	0%	29 Mar16
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	3,100	0%	29 Mar16
High tensile HTB1 ex-works	3,300	0%	29 Mar16
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	3,650	0%	29 Mar16
LG4 87/7/3/3 ex-works	4,300	0%	29 Mar16
G11.15 PB ex-works	5,050	0%	29 Mar16
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	5,300	0%	29 Mar16
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	5,300	0%	29 Mar16
15% P ex-works	5,400	0%	29 Mar16
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co Contract Alloy Price (delivered UK, min 25 tonne lots)			
Brock Metal ZL3	1,859	7.46% ▲	01 Mar16
Brock Metal ZL5	1,882	7.42% ▲	01 Mar16

† week-on-week change, based on available assessed prices over a one-week period

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Monthly averages: March

BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot \$/tonne		
Rotterdam premium	73.91	85.22
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		
H/G Cash \$/tonne	121.67	143.33
Alumina		
Index fob Australia	244.41	
Copper		
US High-grade cathode premium indicator, \$/tonne	121.25	132.28
Nickel		
Free market in warehouse premium		
Europe \$/tonne	uncut cathodes	40.00 130.00
	4x4 cathodes	150.00 250.00
	briquettes	90.00 190.00
US	Melting \$/lb	0.15 0.20
	Plating \$/lb	0.50 0.60
Tin		
European free market		
Spot Premium 99.9% \$/tonne	362.50	500.00
Spot premium 99.85% \$/tonne	337.50	387.50
Kuala Lumpur (ex-smelter) \$/tonne	16,834.78	

MINOR METALS

Antimony		
MB free market		
Regulus 99.65%, max Se 50ppm,		
\$/tonne in warehouse	5,127.78	5,496.11
MMTA Standard grade II \$/tonne	5,138.89	5,493.33
Bismuth		
MB free market		
min. 99.99%, \$/lb, tonne lots in warehouse	4.28	4.64
Cadmium		
MB free market		
min 99.95%, cents/lb in warehouse	56.33	61.89
min 99.99%, cents/lb in warehouse	57.56	65.11
Cobalt		
MB free market		
High Grade, \$/lb in warehouse	10.41	11.25
Low Grade, \$/lb in warehouse	10.31	11.17
Germanium Dioxide		
MB free market min 99.99%, \$/kg	835.00	910.00
Rotterdam \$/kg	1,200.00	1,400.00
Indium		
MB free market		
Ingots min 99.97%, \$/kg in warehouse	240.56	280.00
Magnesium		
MB free market		
min 99.8%, \$/tonne	1,900.00	2,000.00
China free market min 99.8%	2,018.00	2,040.00

	Low	High
Mercury		
MB free market		
min 99.99%, \$/flask in warehouse	1,216.67	1,616.67
Selenium		
MB free market		
min 99.5% in warehouse \$/lb	4.72	6.41
Silicon		
MB free market €/tonne	1,810.00	1,940.00
Titanium		
Ferro-Titanium		
70% (max 4.5% Al), \$/kg d/d Europe	3.39	3.73

ORES & ALLOYS

	Low	High
Molybdenum		
Free market in warehouse		
Europe drummed molybdic oxide \$/lb Mo	5.31	5.42
US canned molybdic oxide \$/lb Mo	5.28	5.60
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	13.47	13.86
Tungsten		
European free market APT \$/mtu	167.25	183.75
Ferro-tungsten		
basis 75% W min	22.87	23.36
Vanadium		
min 98%, in-warehouse Rotterdam, \$/lb V2O5	2.70	3.00
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe \$/kg V	14.49	14.91
US Free market 70–80%	7.01	7.40

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,246.31
	Afternoon	1,246.34
London £/troy oz	Morning	876.15
	Afternoon	875.76
\$/troy oz	Handy/Harman	1,245.14
Palladium		
Morning \$/troy oz	563.81	
Afternoon \$/troy oz	567.38	
Platinum: per troy oz		
Morning \$/troy oz	967.62	
Afternoon \$/troy oz	968.43	
Rhodium		
European free market		
min 99.9% in warehouse, \$/troy oz	659.35	759.35
Silver		
London		
spot pence/troy oz	1,083.73	
spot cents/troy oz	1,542.05	
Handy/Harman cents/troy oz	1,546.45	

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24	1,226.00	1,300.00
LM6/LM25	1,462.00	1,536.00
Aluminium Europe €/tonne	1,580.00	1,660.00
Phosphor Bronze		
PB1 ex-works £/tonne	5,260.00	
Zinc Alloy		
10 tonne lots ZL3 £/tonne	1,859.00	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.42
\$/yen	112.90
\$/€	1.11

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

	March 2016 Low \$	High \$	March average \$
Aluminium (\$)			
Cash	1,452.50	1,621.25	1,530.21
3 months	1,451.25	1,588.25	1,536.83
Settlement	1,453.00	1,621.50	1,530.57
3 months seller	1,451.50	1,588.50	1,537.17
Copper Grade A (\$)			
Cash	4,310.25	5,102.50	4,947.04
3 months	4,320.25	5,070.25	4,930.29
Settlement	4,310.50	5,103.00	4,947.55
3 months seller	4,320.50	5,070.50	4,930.95
Copper Grade A (£)			
Settlement	3,005.51	3,576.58	3,477.20
3 months seller	3,012.06	3,562.95	3,464.54
Lead (\$)			
Cash	1,596.50	1,896.25	1,807.48
3 months	1,597.50	1,887.75	1,809.69
Settlement	1,597.00	1,896.50	1,808.02
3 months seller	1,598.00	1,888.00	1,810.33
Lead (£)			
Settlement	1,098.84	1,340.38	1,270.89
3 months seller	1,100.75	1,333.90	1,272.11
Nickel (\$)			
Cash	7,705.00	9,372.50	8,700.95
3 months	7,737.50	9,395.00	8,745.24
Settlement	7,710.00	9,375.00	8,704.05
3 months seller	7,750.00	9,400.00	8,750.95
Tin (\$)			
Cash	13,225.00	17,622.50	16,989.17
3 months	13,212.50	17,497.50	16,854.88
Settlement	13,235.00	17,625.00	16,995.95
3 months seller	13,225.00	17,500.00	16,870.24

	March 2016 Low \$	High \$	March average \$
Zinc (\$)			
Cash	1,453.25	1,859.75	1,804.32
3 months	1,466.50	1,865.50	1,808.87
Settlement	1,453.50	1,860.00	1,804.64
3 months seller	1,467.00	1,866.00	1,809.31
Cobalt (\$)			
Cash	21,702.50	23,750.00	23,118.45
3 months	21,800.00	23,750.00	23,141.67
Settlement	21,705.00	24,000.00	23,158.57
3 months seller	21,850.00	24,000.00	23,391.67
Molybdenum (\$)			
Cash	11,500.00	11,950.00	11,950.00
3 months	11,500.00	11,950.00	11,950.00
Settlement	11,750.00	12,200.00	12,200.00
3 months seller	11,750.00	12,200.00	12,200.00
Aluminium Alloy (\$)			
Cash	1,507.50	1,610.00	1,560.36
3 months	1,535.00	1,625.00	1,585.12
Settlement	1,510.00	1,615.00	1,565.24
3 months seller	1,540.00	1,630.00	1,590.00
Nasaa (\$)			
Cash	1,660.25	1,739.50	1,682.26
3 months	1,667.50	1,747.50	1,699.64
Settlement	1,660.50	1,740.00	1,684.62
3 months seller	1,670.00	1,750.00	1,703.57
Steel Billet (\$)			
Cash	75.00	195.00	86.43
3 months	90.00	210.00	101.43
Settlement	100.00	220.00	111.43
3 months seller	115.00	235.00	126.43

LME SETTLEMENT CONVERSION RATES

\$/£	1.42
\$/yen	112.97
\$/€	1.11