

Prices

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NEW YORK FUTURES			
	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	224.15	-2.1%	▼ 28 Mar 16
Open interest	180,788	1.9%	▲ 24 Mar 16
Stocks (short ton)	71,925	1.94%	▲ 24 Mar 16
Comex: Gold \$/troy oz			
Settlement	1,219.90	-1.92%	▼ 28 Mar 16
Open interest	497,522	-2.11%	▼ 24 Mar 16
Stocks (troy oz)	6,825,855	-0.45%	▼ 24 Mar 16
Nymex: Palladium \$/troy oz			
Settlement	567.25	-5.85%	▼ 28 Mar 16
Stocks (troy oz)	65,869	0.15%	▲ 24 Mar 16
Nymex: Platinum \$/troy oz			
Settlement	944.70	-3.78%	▼ 28 Mar 16
Stocks (troy oz)	192,168	-0.11%	▼ 24 Mar 16
Comex: Silver cents/troy oz			
Settlement	1,519.40	-4.08%	▼ 28 Mar 16
Open interest	170,580	-3.89%	▼ 24 Mar 16
SHANGHAI FUTURES			
	Price	Change [†]	Assessed
Aluminium yuan/tonne	11,720	2.14%	▲ 29 Mar 16
Copper yuan/tonne	37,500	-1.39%	▼ 29 Mar 16
Zinc yuan/tonne	14,090	-2.02%	▼ 29 Mar 16
Weekly stocks deliverable			
Aluminium (tonnes)	330,418	-3.28%	▼ 25 Mar 16
Copper (tonnes)	385,899	-2.25%	▼ 25 Mar 16
Zinc (tonnes)	274,320	4.35%	▲ 25 Mar 16
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	1,472.5-1,473	-0.52%	▼ 29 Mar 16
Cash unofficial	1,471-1,473	-2.1%	▼ 24 Mar 16
3 months official	1,482.5-1,483.5	-1.31%	▼ 29 Mar 16
3 months unofficial	1,480-1,482	-2.82%	▼ 24 Mar 16
LME Tapo notional average price (NAP)	1,538.86	-1.38%	▼ 24 Mar 16
LME stocks (tonnes)	2,814,800	-1.42%	▼ 24 Mar 16
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,565-1,575	0.32%	▲ 29 Mar 16
LME cash unofficial	1,581.5-1,591.5	1.7%	▲ 24 Mar 16
LME 3 months official	1,590-1,600	0.31%	▲ 29 Mar 16
LME 3 months unofficial	1,605-1,615	1.58%	▲ 24 Mar 16
LME stocks (tonnes)	16,880	2.3%	▲ 24 Mar 16
N. American special aluminium alloy			
LME cash official	1,680-1,682	-1.98%	▼ 29 Mar 16
LME cash unofficial	1,698.5-1,708.5	0.24%	▲ 24 Mar 16
LME 3 months official	1,710-1,720	-1.15%	▼ 29 Mar 16
LME 3 months unofficial	1,720-1,730	0.58%	▲ 24 Mar 16
LME stocks (tonnes)	51,780	-0.19%	▼ 24 Mar 16

	Price	Change	Assessed
Copper grade A \$			
LME cash official	4,939-4,939.5	-2.57%	▼ 29 Mar 16
LME cash unofficial	4,951.5-4,953.5	-2.23%	▼ 24 Mar 16
LME 3 months official	4,910-4,915	-2.56%	▼ 29 Mar 16
LME 3 months unofficial	4,927-4,929	-2.3%	▼ 24 Mar 16
LME Tapo notional average price (NAP)	4,953.53	0.75%	▲ 24 Mar 16
LME stocks (tonnes)	149,125	-5.78%	▼ 24 Mar 16
Lead \$			
LME cash official	1,742-1,744	-3.65%	▼ 29 Mar 16
LME cash unofficial	1,742.5-1,744.5	-3.91%	▼ 24 Mar 16
LME 3 months official	1,754.5-1,755	-3.56%	▼ 29 Mar 16
LME 3 months unofficial	1,755-1,757	-3.62%	▼ 24 Mar 16
LME stocks (tonnes)	157,150	-4.58%	▼ 24 Mar 16
Nickel \$			
LME cash official	8,570-8,575	-0.87%	▼ 29 Mar 16
LME cash unofficial	8,640-8,665	-2.26%	▼ 24 Mar 16
LME 3 months official	8,610-8,615	-0.95%	▼ 29 Mar 16
LME 3 months unofficial	8,675-8,700	-2.25%	▼ 24 Mar 16
LME stocks (tonnes)	434,850	0.08%	▲ 24 Mar 16
Tin \$			
LME cash official	17,370-17,375	1.61%	▲ 29 Mar 16
LME cash unofficial	17,495-17,545	2.55%	▲ 24 Mar 16
LME 3 months official	17,200-17,225	1.4%	▲ 29 Mar 16
LME 3 months unofficial	17,400-17,450	2.35%	▲ 24 Mar 16
LME stocks (tonnes)	4,585	5.65%	▲ 24 Mar 16
Zinc special high grade \$			
LME cash official	1,774-1,774.5	-4.6%	▼ 29 Mar 16
LME cash unofficial	1,778-1,780	-1.71%	▼ 24 Mar 16
LME 3 months official	1,780-1,780.5	-4.57%	▼ 29 Mar 16
LME 3 months unofficial	1,784-1,786	-1.76%	▼ 24 Mar 16
LME stocks (tonnes)	436,650	-2.24%	▼ 24 Mar 16
Cobalt min 99.3%			
LME cash official	23,000-23,010	-0.73%	▼ 29 Mar 16
LME 3 months official	22,750-23,250	-0.76%	▼ 29 Mar 16
LME stocks (tonnes)	637	0%	24 Mar 16
Molybdenum \$			
LME cash official	11,700-12,200	0%	29 Mar 16
LME 3 months official	11,700-12,200	0%	29 Mar 16
LME stocks (tonnes)	120	0%	24 Mar 16
Steel billet			
LME cash official	50-100	0%	29 Mar 16
LME cash unofficial	50-100	0%	24 Mar 16
LME 3 months official	65-115	0%	29 Mar 16
LME 3 months unofficial	65-115	0%	24 Mar 16
LME stocks (tonnes)	65	0%	24 Mar 16

[†] week-on-week change

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Gold \$/troy oz				
London morning	1,216.45	-2.82%	▼	29 Mar16
London afternoon	1,221	-3.59%	▼	24 Mar16
Handy/Harman	1,220	-2%	▼	28 Mar16
Silver per troy oz				
London spot pence	1,055.95	-5.03%	▼	29 Mar16
London spot cents	1,506	-5.22%	▼	29 Mar16
Handy/Harman	1,527.5	-3.96%	▼	28 Mar16
Palladium \$/troy oz				
London morning	577	-1.37%	▼	24 Mar16
London afternoon	577	-2.04%	▼	24 Mar16
Platinum \$/troy oz				
London morning	952	-3.15%	▼	24 Mar16
London afternoon	957	-3.14%	▼	24 Mar16
Kuala Lumpur tin market				
Tin \$/tonne	17,150	1.48%	▲	29 Mar16

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change*	Assessed
Copper	77,687.56	2.73%	▲ 18 Mar16
Aluminium	22,805.40	-3.78%	▼ 18 Mar16
Lead	27,715.11	-1.59%	▼ 18 Mar16
Zinc	28,126.16	2.55%	▲ 18 Mar16
Nickel	134,807.63	0.43%	▲ 18 Mar16
Tin	261,166.00	-0.07%	▼ 18 Mar16

EXCHANGE RATES

LME settlement conversion rates			
\$/£	1.4289	0.32%	▲ 29 Mar16
\$/¥	113.5600	1.66%	▲ 29 Mar16
\$/€	1.1199	-0.23%	▼ 29 Mar16
Closing rates, midpoint			
\$/£	1.4257	-1%	▼ 28 Mar16
\$/¥	113.2550	1.47%	▲ 28 Mar16
\$/€	1.1215	-0.39%	▼ 28 Mar16
£/€	1.2713	-0.6%	▼ 28 Mar16
\$/CNY	6.5173	0.49%	▲ 28 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%	23 Mar16
Rotterdam, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	64.38*	-4.62%	▼ 23 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*	-20%	▼ 24 Mar16
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	62.86*	-13.3%	▼ 24 Mar16
Singapore, copper low-high premium, Grade A, cathode, in warehouse, \$/tonne	5.0-15.0*	-13.04%	▼ 24 Mar16
Singapore, copper average premium, Grade A, cathode, in warehouse, \$/tonne	10.00*	-7.92%	▼ 24 Mar16
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	40.0-55.0*	-17.39%	▼ 29 Mar16
Shanghai, copper average premium, Grade A, cathode, in-warehouse \$/tonne	48.33*	-18.08%	▼ 29 Mar16
Shanghai, copper low-high premium, Grade A, cathode, cif \$/tonne	40.0-55.0*	-9.52%	▼ 29 Mar16

	Price	Change	Assessed
Shanghai, copper average premium, Grade A, cathode, cif \$/tonne	47.50*	-12.04%	▼ 29 Mar16
Johor, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	5.0-15.0*	-13.04%	▼ 24 Mar16
Johor, copper average premium, Grade A, cathode, in-warehouse \$/tonne	10.00*	-7.92%	▼ 24 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	75.0-90.0*	3.12%	▲ 29 Mar16
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne	83.50*	4.38%	▲ 29 Mar16
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	125.0-150.0*	5.77%	▲ 25 Mar16
Aluminium P1020A, in-warehouse Rotterdam duty-paid, for delivery three months forward, \$/tonne	130.0-150.0*	0%	25 Mar16
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	110.0*	22.22%	▲ 12 Jan16
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot \$/tonne	320.0-350.0*	6.35%	▲ 25 Mar16
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.075-0.079*	0.99%	▲ 23 Mar16
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	230.0-320.0*	1.85%	▲ 24 Mar16
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	140.0-160.0*	-10.45%	▼ 17 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%	24 Mar16
Johor, lead average premium, 99.97% purity, in warehouse, \$/tonne	15.00*	0%	24 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	120.0–180.0*	–3.23% ▼	24 Mar 16
Shanghai, nickel average premium, 99.8% purity in warehouse \$/tonne	151.67*	0.6% ▲	24 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%	25 Mar 16
Spot premium 99.85% \$/tonne	325–375*	0%	25 Mar 16
Zinc			
Rotterdam, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	60.0–75.0*	3.85% ▲	23 Mar 16
Rotterdam, zinc average premium, 99.995% purity, in warehouse, \$/tonne	66.25*	1.92% ▲	23 Mar 16
South Korea, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	115.0–120.0*	0%	24 Mar 16
South Korea, zinc average premium, 99.995% purity, in warehouse, \$/tonne	117.50*	0%	24 Mar 16
Johor, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	60.0–80.0*	–3.45% ▼	24 Mar 16
Johor, zinc average premium, 99.995% purity, in warehouse, \$/tonne	69.17*	–3.49% ▼	24 Mar 16
Singapore, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	60.0–80.0*	–3.45% ▼	24 Mar 16
Singapore, zinc average premium, 99.995% purity, in warehouse, \$/tonne	69.17*	–3.49% ▼	24 Mar 16
Shanghai, zinc low-high premium, 99.995% purity, in warehouse, \$/tonne	100.0–110.0*	0%	24 Mar 16
Shanghai, zinc average premium, 99.995% purity, in warehouse, \$/tonne	108.33*	–0.61% ▼	24 Mar 16
MB US: Special high grade, \$/lb	0.065–0.073*	–1.79% ▼	17 Mar 16
MB EU: Special high grade, fca Rotterdam, \$/tonne	125.0–145.0*	0%	23 Mar 16

BASE METALS

	Price	Change [†]	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered, duty paid RMB/tonne	1,800.0–2,000.0*	–1.81% ▼	25 Mar 16
Alumina Index fob Australia	248.09*	1.34% ▲	29 Mar 16
Alumina Index fob Brazil	–6.66*		29 Feb 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):	4,612.4–4,641.0	1.31% ▲	23 Mar 16
cathodes:	4,520.0–4,580.0	0.89% ▲	23 Mar 16
South Africa: Palabora copper rod 7.90mm, Rand/tonne	82,678.910	–0.65% ▼	01 Mar 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	1,810.00–1,820.00	0.55% ▲	23 Mar 16
European automotive battery premium free market (Eurobat)			
in warehouse Rotterdam €/tonne			
Soft lead (average)	155.44*	–1.08% ▼	29 Jan 16
Ca/Ca grid grid lead (average)	391.82*	–0.39% ▼	29 Jan 16
Connector lead (average)	513.30*	–0.15% ▼	29 Jan 16
European industrial battery premium free market (Eurobat)			
in warehouse Rotterdam €/tonne			
Stand-by refined or soft lead (average)	239.71*	3.36% ▲	29 Jan 16
Traction refined or soft lead (average)	244.31	0.01% ▲	29 Jan 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%	25 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	520	0%	29 Mar 16
Engelhard base price: \$/troy oz	525	0%	29 Mar 16
Palladium			
European free market: min 99.9%, \$/troy oz in warehouse	588–606*	0.84% ▲	25 Mar 16
Engelhard base price: \$/troy oz	573	–4.98% ▼	29 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	572	–5.14% ▼	29 Mar 16
Platinum			
European free market: min 99.9%, \$/troy oz in warehouse	981–999*	0.71% ▲	25 Mar 16
Engelhard base price: \$/troy oz	951	–2.96% ▼	29 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	952	–3.15% ▼	29 Mar 16
Rhodium			
European free market: min 99.9%, \$/troy oz in warehouse	690–790*	2.78% ▲	29 Mar 16
Engelhard base price: \$/troy oz	750	2.74% ▲	29 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	740	2.07% ▲	29 Mar 16
Ruthenium			
European free market: min 99.9%, \$/troy oz in warehouse	37–47*	0%	25 Mar 16
Engelhard base price: \$/troy oz	42	0%	29 Mar 16
Johnson Matthey base price: (unfab) \$/troy oz (08.00 hrs)	42	0%	29 Mar 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	5,150–5,500*	0.47% ▲	25 Mar16
MMTA Standard Grade II, \$/tonne in warehouse Rotterdam	5,150–5,500*	0.47% ▲	25 Mar16
MB Chinese free market			
MMTA Standard Grade II, delivered duty paid RMB/tonne	32,000–33,000*	0%	23 Mar16
Arsenic			
MB free market \$/lb	0.85–1.00*	0%	18 Mar16
Bismuth			
MB free market \$/lb	4.30–4.70*	0%	25 Mar16
MB China domestic, min 99.99%, RMB/tonne	58,000–60,500* –0.84%	▼	25 Mar16
Cadmium			
MB free market min 99.95% cents/lb	57.00–63.00*	0%	25 Mar16
MB free market min 99.99% cents/lb	58.00–67.00*	0%	25 Mar16
Chromium			
MB free market alumino-thermic min 99% \$/tonne	7,600–8,000*	0%	25 Mar16
Cobalt			
MB free market high-grade \$/lb	10.45–11.25*	0%	25 Mar16
MB free market low-grade \$/lb	10.35–11.15*	0%	25 Mar16
MB high-grade, weighted average of all confirmed international trades, \$/lb	10.90*	1.49% ▲	25 Mar16
MB low-grade, weighted average of all confirmed international trades, \$/lb	10.30*	–4.1% ▼	25 Mar16
MB China domestic, min 99.8% RMB/tonne	192,000–214,000* –0.98%	▼	25 Mar16
Cobalt tetroxide min 72.6% Co delivered China RMB/tonne	130,000–138,000* 0%		25 Mar16
Gallium			
MB free market \$/kg	118–150*	0%	25 Mar16
MB China domestic, min 99.99%, RMB/kg	700–760*	0%	23 Mar16
Germanium			
Germanium dioxide MB free market \$/kg	835–910*	0%	25 Mar16
Germanium metal \$/kg Rotterdam	1,200–1,400*	0%	25 Mar16
Germanium metal MB China domestic, min 99.999%, RMB/kg	7,000–7,500*	–0.68% ▼	23 Mar16
Indium			
MB free market \$/kg	245–280*	0%	25 Mar16
MB China domestic, min 99.99% RMB/kg	1,460–1,550*	0%	23 Mar16
Indium Corp ingots min 99.97% \$/kg fob	440.00	–40.94% ▼	26 Jun15
Magnesium			
European free market \$ per tonne	1,900–2,000*	0%	25 Mar16
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,020–2,040*	–1.46% ▼	23 Mar16
MB Chinese free market min 99% Mg, ex-works RMB/tonne	12,500–12,800*	–2.32% ▼	23 Mar16
Manganese flake			
MB free market \$/tonne	1,635–1,720*	0%	25 Mar16
Mercury			
MB free market \$ per flask	1,150–1,550*	–6.9% ▼	18 Mar16
Rhenium in warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	840–940*	–1.11% ▼	18 Mar16
APR catalytic grade \$/kg Re	2,650–2,800*	0%	18 Mar16

	Price	Change	Assessed
Selenium			
MB free market \$/lb	4.75–6.00*	0%	25 Mar16
MB China domestic, min 99.9%, RMB/kg	85–100*	0%	25 Mar16
Selenium dioxide, MB China domestic, min 98%, RMB/kg	60–65*	0%	25 Mar16
Silicon			
MB free market €/tonne	1,750–1,900*	0%	25 Mar16
US free market cents/lb	95–98*	–5.85% ▼	10 Mar16
Export from mainland China min 98.5%, \$/tonne fob	1,630–1,650*	1.55% ▲	23 Mar16
Tellurium			
MB free market \$/kg	25.00–40.00*	–3.7% ▼	25 Mar16
MB China domestic, min 99.99%, RMB/kg	280–300*	–3.33% ▼	25 Mar16
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	3.30–3.70*	0%	25 Mar16
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	620–650	–5.93% ▼	24 Mar16
Rutile bulk conc min 95% TiO2 fob/Aus	650–700	6.3% ▲	24 Mar16
Ilmenite bulk conc min 54% TiO2 fob/Aus	100–110	0%	24 Mar16

[†] 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%	24 Mar16
Spodumene 7.25% Li ₂ O cif Europe \$/tonne	740–790	0%	24 Mar16
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	5.40–5.55*	4.29% ▲	25 Mar16
US canned molybdic oxide \$/lb Mo	5.20–5.50*	-1.83% ▼	24 Mar16
Ferro-molybdenum			
basis 65% min, in-warehouse Rotterdam \$/kg Mo	13.50–14.00*	1.1% ▲	25 Mar16
US free market 65–70% Mo \$/lb in warehouse Pittsburgh	6.50–6.90*	0%	24 Mar16
MB Chinese free market concentrate 45% Mo in warehouse China RMB/mtu	780–800*	-0.63% ▼	23 Mar16
Tungsten			
European free market APT \$/mtu	168–185*	0%	25 Mar16
Export from mainland China APT Chinese No1 grade, min 88.5% WO ₃ , S/mtu fob	175–186*	0%	23 Mar16
MB Chinese free market concentrate 65% WO ₃ in warehouse China RMB/tonne	65,000–67,000*	0%	23 Mar16
Ferro-tungsten			
Basis 75% W min \$/kg W in warehouse Rotterdam duty unpaid	23.20–23.60*	0%	25 Mar16
Vanadium			
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	14.50–14.80*	-1.01% ▼	25 Mar16
US free market ferro-vanadium \$/lb in warehouse Pittsburgh	7.00–7.50*	0%	24 Mar16
Vandium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V2O ₅	2.70–3.00*	0%	25 Mar16
Zircon			
Foundry grade bulk \$/tonne fob Australia	950–1,000	0%	24 Mar16
Premium bulk \$/tonne fob Australia	1,000–1,050	0%	24 Mar16
BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/lb Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	0.54*	-1.82% ▼	29 Mar16
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%	25 Mar16
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%	24 Mar16
US free market low carbon duty paid fob Pittsburgh			
0.05% C – 65% min Cr	2.20–2.22*	0%	24 Mar16
0.10% C – 62% min Cr	1.90–1.94*	0%	24 Mar16
0.15% C – 60% min Cr	1.87–1.89*	0%	24 Mar16
Spot 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	5,000–5,200*	0%	25 Mar16
Contract 6–8% C basis 50% Cr delivered duty paid China RMB/tonne	4,680–4,680*	0%	25 Mar16

	Price	Change	Assessed
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, basis 42%	88–92*	0%	25 Mar16
Turkish lumpy 40–42% cfr main Chinese ports	150–155*	0%	25 Mar16
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	610–645*	0%	25 Mar16
US free market 78% Mn standard 7.5% C \$/long ton in warehouse Pittsburgh	780–830*	1.58% ▲	24 Mar16
US free market medium carbon duty paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	0.76–0.78*	0%	24 Mar16
MB Chinese free market min 65% Mn max 7.0% C in warehouse China RMB/tonne	4,250–4,450*	1.16% ▲	18 Mar16
Manganese ore			
44% Mn, cif Tianjin \$/dmtu of metal contained	3.88*	6.59% ▲	29 Mar16
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	3.60*	-0.55% ▼	29 Mar16
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	865–910*	0%	25 Mar16
US free market \$/lb in warehouse Pittsburgh lumpy basis 75% Si – imported	0.70–0.75*	0%	24 Mar16
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,070–1,150*	-9.02% ▼	18 Mar16
MB Chinese free market min 75% in warehouse China RMB/tonne	4,800–5,000*	-2.97% ▼	18 Mar16
Silico-manganese			
Lumpy basis 65–75% Mn basis 15–19% Si (scale pro rata) €/tonne	650–700*	0%	25 Mar16
US free market \$/lb in warehouse Pittsburgh	0.38–0.40*	0%	24 Mar16
MB Chinese free market min 65% Mn max 17% Si in warehouse China RMB/tonne	5,500–5,700*	17.89% ▲	18 Mar16
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%	23 Mar16
Wire rod (mesh quality)	305–310*	0%	23 Mar16
Plate (8–40mm)	300–320*	0%	23 Mar16
Hot rolled coil	305–315*	0%	23 Mar16
Cold rolled coil	400–410*	0%	23 Mar16
Hot-dip galvanized coil	400–420*	0%	23 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%	23 Mar16
Wire rod (mesh quality)	300–310*	0%	23 Mar16
Plate (8–40mm)	300–310*	0%	23 Mar16
Hot rolled coil	280–295*	0%	23 Mar16
Cold rolled coil	370–400*	0%	23 Mar16
Hot-dip galvanized coil	390–400*	0%	23 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	345–360*	3.68%	▲	23 Mar 16
Wire rod (mesh quality)	335–360*	0%		23 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	365–375*	0%		23 Mar 16
Wire rod (mesh quality)	350–360*	5.97%	▲	23 Mar 16
Sections (medium)	455–465*	0%		23 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	325–365*	2.99%	▲	23 Mar 16
Wire rod (mesh quality)	360–380*	0%		23 Mar 16
Sections (medium)	475–485*	0%		23 Mar 16

Northern Europe € per tonne ex-works

Plate (8–40mm)	400–420*	6.49%	▲	23 Mar 16
Hot rolled coil	320–350*	0%		23 Mar 16
Cold rolled coil	430–455*	0.57%	▲	23 Mar 16
Hot-dip galvanized coil	445–470*	3.98%	▲	23 Mar 16

Southern Europe € per tonne ex-works

Plate (8–40mm)	360–400*	10.14%	▲	23 Mar 16
Hot rolled coil	310–330*	1.59%	▲	23 Mar 16
Cold rolled coil	400–430*	2.47%	▲	23 Mar 16
Hot-dip galvanized coil	400–430*	2.47%	▲	23 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	370–380*	8.7%	▲	24 Mar 16
Rebar	382–390*	0.92%	▲	24 Mar 16
Wire rod (mesh quality)	400–410*	0%		24 Mar 16
Merchant bars	410–430*	7.69%	▲	24 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	350–360*	0.71%	▲	24 Mar 16
Rebar	398–413*	3.31%	▲	24 Mar 16
Wire rod (mesh quality)	420–430*	2.41%	▲	24 Mar 16
Hot rolled coil	430–440*	3.57%	▲	25 Mar 16
Cold rolled coil	520–540*	3.92%	▲	25 Mar 16

Turkish imports

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

Billet	340–345*	0%		24 Mar 16
Hot rolled coil	380–390*	16.67%	▲	25 Mar 16
Cold rolled coil	465–480*	19.62%	▲	25 Mar 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%		23 Mar 16
Plate	15.70–17.20*	0%		23 Mar 16
Hot rolled coil	13.35–16.20*	0%		23 Mar 16
Cold rolled coil	16.40–18.00*	0%		23 Mar 16
Hot-dip galvanized coil	19.40–21.00*	0%		23 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%		23 Mar 16
Rebar	380–390*	0%		23 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%		24 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	290–310*	13.21%	▲	25 Mar 16
Slab	270–290*	0%		25 Mar 16
Rebar	290–300*	0%		25 Mar 16
Wire rod mesh quality	290–300*	0%		25 Mar 16
Heavy plate over 10mm	400–425*	0%		25 Mar 16
Hot rolled coil (dry)	310–330*	4.92%	▲	25 Mar 16
Cold rolled coil	380–405*	7.53%	▲	25 Mar 16
Galvanized coil	475–525*	1.01%	▲	25 Mar 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 Mar16
Merchant bars	480–500*	0%	25 Mar16
Wire rod (low carbon)	363–376*	5.72% ▲	23 Mar16
Medium sections	480–490*	0%	24 Mar16
Medium plate	380–430*	0%	23 Mar16
Hot rolled coil (commodity)	380–400*	5.41% ▲	23 Mar16
Cold rolled coil	500–560*	8.16% ▲	23 Mar16
Hot dipped galvanized 0.012–0.015, G30	640–660*	2.36% ▲	23 Mar16
Hot dipped galvanized 0.019, G60	600–610*	0%	23 Mar16
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 Mar16
Wire rod (mesh quality fob mill)	450–480*	0%	23 Mar16
Plate (fob mill)	520–520*	4% ▲	25 Mar16
Hot rolled sheet (fob mill)	430–430*	2.38% ▲	24 Mar16
Cold rolled sheet (fob mill)	600–600*	1.69% ▲	24 Mar16
Hot-dip galvanized (base) (fob mill)	600–600*	1.69% ▲	24 Mar16

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	325–335*	2.33% ▲	25 Mar16
Wire rod (mesh quality)	340–350*	10.4% ▲	25 Mar16
Heavy plate	340–350*	1.47% ▲	25 Mar16
Hot rolled coil	355–360*	2.88% ▲	25 Mar16
Cold rolled coil	360–365*	0%	25 Mar16
Galvanized coil 1mm	475–485*	3.78% ▲	25 Mar16
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	2,300–2,340*	2.2% ▲	29 Mar16
Wire rod (mesh)	2,250–2,440*	1.74% ▲	25 Mar16
Sections	2,300–2,350*	2.2% ▲	25 Mar16
Plate	2,540–2,550*	1.39% ▲	25 Mar16
Hot rolled coil (min 2mm)	2,440–2,470*	0.61% ▲	29 Mar16
Cold rolled coil (0.5 – 2 mm)	3,170–3,300*	2.7% ▲	25 Mar16
Hot-dip galvanized coil	3,650–3,700*	1.38% ▲	25 Mar16

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	2,300–2,360*	1.97% ▲	25 Mar16
Wire rod (mesh)	2,350–2,400*	2.37% ▲	25 Mar16
Sections	2,400–2,430*	1.68% ▲	25 Mar16
Plate	2,500–2,550*	0.6% ▲	25 Mar16
Hot rolled coil (min 2mm)	2,420–2,450*	1.46% ▲	25 Mar16
Cold rolled coil (0.5 – 2 mm)	3,250–3,300*	1.08% ▲	25 Mar16
Hot-dip galvanized coil	3,600–3,650*	2.11% ▲	25 Mar16

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 Mar16
Plate (12–40mm)	400–405*	0%	25 Mar16
Hot rolled coil (commodity)	400–405*	0%	25 Mar16
Hot-dip galvanized coil	560–565*	3.69% ▲	25 Mar16

Indian imports

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

Plate (20–60mm)	365–370*	–2% ▼	25 Mar16
Hot rolled coil (commodity)	370–380*	2.74% ▲	25 Mar16
Hot rolled coil (CR grade)	370–380*	2.74% ▲	25 Mar16
Cold rolled	455–460*	2.23% ▲	25 Mar16

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 Mar16
Heavy plate	26,000–26,500*	0%	25 Mar16
Hot rolled coil	29,500–30,000*	3.48% ▲	25 Mar16
Cold rolled coil	34,500–35,000*	2.96% ▲	25 Mar16
DRI	12,900–13,000*	0%	25 Mar16
Hot-dip galvanized coil	40,000–41,000*	0%	25 Mar16

STEELBENCHMARKER™ PRICES

	Price	Change [†]	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	531	6.41% ▲	14 Mar16
Standard plate (\$/short ton)	482	6.4% ▲	14 Mar16
Hot rolled coil (\$/metric tonne)	457	3.63% ▲	14 Mar16
Hot rolled coil (\$/short ton)	414	3.5% ▲	14 Mar16
Cold rolled coil (\$/metric tonne)	632	4.98% ▲	14 Mar16
Cold rolled coil (\$/short ton)	574	5.13% ▲	14 Mar16
Region: Mainland China			
Rebar	292	15.42% ▲	14 Mar16
Standard plate	323	23.28% ▲	14 Mar16
Hot rolled coil	310	18.32% ▲	14 Mar16
Cold rolled coil	407	17.29% ▲	14 Mar16
Region: World export market			
Hot rolled coil (\$/metric tonne)	299	5.65% ▲	14 Mar16

STAINLESS STEEL

	Price	Change [†]	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	1,650–1,700*	0%	25 Mar16
Grade 304 HR sheet	1,600–1,650*	0%	25 Mar16
China domestic			
yuan/tonne, in warehouse			
Grade 304 2mm CR coil	11,400–11,600*	0%	25 Mar16
Grade 430 2mm CR coil	6,600–6,700*	0%	25 Mar16
EU export			
€/tonne fob N. European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	1,794–1,917*	0%	24 Mar16
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
Base price	1,060–1,090*	0%	24 Mar16
Alloy surcharge	734–827*	0%	24 Mar16
304 stainless steel bright bar, €/tonne			
Base price	790–820*	0%	24 Mar16
Alloy surcharge	976–1,023*	0%	24 Mar16

[†] week-on-week change

FERROUS SCRAP

	Price	Change [†]	Assessed
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UK ferrous scrap domestic

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.

£/tonne

Cut grades

0A plate and structural	95–105*	11.11%	▲	11 Mar 16
1&2 old steel	85–95*	12.5%	▲	11 Mar 16
12A/C New production heavy and shovellable steel	90–100*	11.76%	▲	11 Mar 16
12D New production heavy and shovellable steel	100–110*	10.53%	▲	11 Mar 16

Bales and cuttings

4A new steel bales	95–105*	11.11%	▲	11 Mar 16
4C new steel bales	90–100*	11.76%	▲	11 Mar 16
8A new loose light cuttings	75–85*	14.29%	▲	11 Mar 16
8B new loose light cuttings	70–80*	15.38%	▲	11 Mar 16

Turnings

UK inter-merchant 7B heavy steel turnings	40–50*	28.57%	▲	11 Mar 16
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Cast iron

9A/10 heavy and light cast iron	75–85*	14.29%	▲	11 Mar 16
9B/C cylinder block scrap	95–105*	11.11%	▲	11 Mar 16
11A cast iron borings	65–75*	16.67%	▲	11 Mar 16

Prices relate to new UK scrap specifications

†Please see MB.com for full explanation of price changes

UK intermerchant weekly price

£/tonne

5C loose old light	50–65*	15%	▲	24 Mar 16
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UK ferrous scrap export

MB assessment \$/tonne fob main UK port

HMS 1&2 (80:20 mix)	216–217*	11.89%	▲	24 Mar 16
Shredded	226–227*	11.3%	▲	24 Mar 16

Indian imports

MB assessment \$/tonne cfr Nhava Sheva

MB index cfr India shredded	231.59*	1.96%	▲	25 Mar 16
HMS 1&2 (80:20 mix)	210–220*	–1.15%	▼	25 Mar 16

Alloy steel scrap domestic

UK wholesale merchants' stainless (£/tonne)

18/8 solids	580–600*	–0.84%	▼	24 Mar 16
18/8 turnings	495–510*	–0.99%	▼	24 Mar 16
12–13% Cr solids	55–65*	0%		24 Mar 16
16–17% Cr solids	85–105*	0%		24 Mar 16

Cif Europe stainless € per tonne

18/8 solids	850–860*	–0.58%	▼	24 Mar 16
18/8 turnings	720–730*	–0.68%	▼	24 Mar 16

Rotterdam export

MB assessment \$/tonne fob Rotterdam

MB index fob Rotterdam HMS 1&2 (80:20)	211.90*	8.76%	▲	24 Mar 16
HMS 1&2 (70:30 mix)	205–206*	8.44%	▲	24 Mar 16
Shredded	225–226*	11.36%	▲	24 Mar 16

Turkish import

MB assessment \$/tonne cfr main Turkish ports

MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	223.76*	2.11%	▲	24 Mar 16
HMS 1&2 (70:30 mix)	214–215*	8.06%	▲	24 Mar 16
Shredded	234–235*	10.87%	▲	24 Mar 16

Price Change Assessed

USA export

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

HMS 1&2 (80:20)	216.00*	14.33%	▲	23 Mar 16
Shredded	221.00*	13.04%	▲	23 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	1,220–1,260*	4.2%	▲	25 Mar 16
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Germany domestic

€/tonne delivered at scrapyards, 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	1,180–1,250*	0%	25 Mar16
Cast	1,140–1,210*	0%	25 Mar16
Mixed turnings 6%	950–1,030*	0%	25 Mar16

Germany per 1000kg

Pure cuttings	1,130–1,250	-0.83%	▼ 23 Mar16
Commercial cast	1,180–1,300	-0.4%	▼ 23 Mar16
H9 extrusions	1,370–1,400	-5.46%	▼ 23 Mar16
Alloy turnings	880–1,000	2.17%	▲ 23 Mar16

Source: VDM

France per 1000kg

Pure cuttings	1,160–1,180	-1.68%	▼ 29 Mar16
Old rolled	580–620	0%	29 Mar16
Commercial cast	780–830	0%	29 Mar16

Source: Lettre d'Information Metaux

Italy per 1000kg

Pure cuttings	1,150–1,250	0.42%	▲ 18 Mar16
Old mixed scrap	1,120–1,170	-0.43%	▼ 18 Mar16
Commercial cast	1,060–1,110	0%	18 Mar16

Source: Assomet

Copper**Germany per 1000kg**

Copper wire (berry)	4,350–4,510	1.49%	▲ 23 Mar16
Heavy copper	4,040–4,280	0.73%	▲ 23 Mar16
Heavy brass	2,680–2,920	1.45%	▲ 23 Mar16
Brass turnings (MS 58)	2,950–3,140	0.5%	▲ 23 Mar16
Brass sheet (MS 63)	3,100–3,250	0%	23 Mar16

Source: Verein Deutscher Metallhandler

France per 1000kg

Electro cuttings	4,050–4,080	-0.97%	▼ 29 Mar16
No 1 bright wire	3,850–3,900	-0.9%	▼ 29 Mar16
Mixed (96%)	3,750–3,800	-2.33%	▼ 29 Mar16
Brass plate cuttings 70/30	2,900–2,980	-1.18%	▼ 29 Mar16
Brass turnings	2,500–2,600	0%	29 Mar16
Mixed brass	2,400–2,520	0.41%	▲ 29 Mar16

Source: Lettre d'Information Metaux

Italy per 1000kg

Electrolytic dd EN 12861-S-Cu-2	4,292–4,344	0.35%	▲ 18 Mar16
Enamelled wire EN 12861-S-Cu-3	4,130–4,182	0.36%	▲ 18 Mar16
New from tubes, strips etc EN 12861-S-Cu-4	4,251–4,303	-0.12%	▼ 18 Mar16
Old from tubes, strips etc 12861-S-Cu-7	3,977–4,029	0.38%	▲ 18 Mar16
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,214–3,291	0.56%	▲ 18 Mar16
Mixed from valves/taps EN 12861-S-Cu-Zn-6	2,663–2,741	0.67%	▲ 18 Mar16
Several 95% m/m 12861-S-Cu-Zn-7	2,463–2,541	0.72%	▲ 18 Mar16

Source: Assomet

CHINA IRON ORE

cfr main China port \$ per dry metric tonne

	Price	Change [†]	Assessed
Iron ore index (62% fe)	55.11–55.11*	-5.57%	▼ 29 Mar16
Iron ore pellet index cfr Qingdao (65% fe)	75.42–75.42*	-3.06%	▼ 24 Mar16

STEELBENCHMARKER™ SCRAP PRICES

	Price	Change [†]	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	196	6.52%	▲ 14 Mar16
Shredded scrap (\$/gross ton)**	199	6.42%	▲ 14 Mar16
No 1 heavy melting scrap (\$/metric tonne)	172	6.17%	▲ 14 Mar16
No 1 heavy melting scrap (\$/gross ton)	175	6.71%	▲ 14 Mar16
No 1 busheling scrap (\$/metric tonne)	187	4.47%	▲ 14 Mar16
No 1 busheling scrap (\$/gross ton)	190	4.97%	▲ 14 Mar16

**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*	12.31%	▲ 24 Mar16

Latin American exports \$/tonne, delivery terms as stated

Hot briquetted iron Venezuela	180–200*	0%	25 Mar16
Pig iron fob Vitorio/Rio	195–200*	3.95%	▲ 25 Mar16
Pig iron fob Ponta da Maderia	205–210*	3.75%	▲ 25 Mar16

US imports \$/tonne cfr Gulf of Mexico

Pig iron	220–225*	3.49%	▲ 25 Mar16
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CIS exports \$/tonne fob main port

Pig iron Baltic Sea	250–251*	1.21%	▲ 24 Mar16
Pig iron Black Sea	242–246*	8.44%	▲ 24 Mar16

China domestic yuan/tonne delivered warehouse

Pig iron	1,570–1,580*	0%	25 Mar16
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UK NON-FERROUS SCRAP

	Price	Change [†]	Assessed
Aluminium – actual price			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	990–1,040*	-1.93%	▼ 23 Mar16
Commercial pure cuttings	800–860*	0%	23 Mar16
Clean HE9 extrusions	990–1,040*	-1.93%	▼ 23 Mar16
Loose old rolled cuttings	600–640*	-0.8%	▼ 23 Mar16
Baled old rolled	690–750*	3.23%	▲ 23 Mar16
Commercial cast	790–820*	2.55%	▲ 23 Mar16
Cast wheels	950–1,020*	1.03%	▲ 23 Mar16
Commercial turnings	540–610*	0%	23 Mar16
Group 7 turnings	350–400*	0%	23 Mar16

MB and LME aluminium scrap discounts

<i>£ per tonne</i>			
Group 1 pure 99% & Litho	-1–49*	-41.46%	▼ 23 Mar16
Commercial pure cuttings	179–239*	-15.04%	▼ 23 Mar16
Clean HE9 extrusions	-1–49*	-41.46%	▼ 23 Mar16
Loose old rolled cuttings	455–495*	-0.21%	▼ 23 Mar16
Baled old rolled	345–405*	-7.06%	▼ 23 Mar16
Commercial cast	275–305*	-8.23%	▼ 23 Mar16
Cast wheels	75–145*	-12.7%	▼ 23 Mar16
Commercial turnings	485–555*	-1.14%	▼ 23 Mar16
Group 7 turnings	695–745*	-0.83%	▼ 23 Mar16

Titanium

<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.50–0.70*	0%	23 Mar16
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.31–0.37*	0%	23 Mar16

† week-on-week change

continued >>

NON-FERROUS FOUNDRY INGOTS

	Price	Change [†]	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,220–1,320*	0.79% ▲	23 Mar16
LM6/LM25 gravity diecasting ingot	1,470–1,540*	0%	23 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%	25 Mar16
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.86–0.88*	0%	28 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%	23 Mar16
DIN 231	2,260–2,360	0%	23 Mar16
DIN 311	2,240–2,340	0%	23 Mar16
Aluminium bronze £/tonne UK			
AB1 ex-works	3,800	1.33% ▲	22 Mar16
AB2 ex-works	3,950	1.28% ▲	22 Mar16
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	3,100	1.64% ▲	22 Mar16
High tensile HTB1 ex-works	3,300	1.54% ▲	22 Mar16
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	3,650	1.39% ▲	22 Mar16
LG4 87/7/3/3 ex-works	4,300	1.18% ▲	22 Mar16
G11.15 PB ex-works	5,050	1% ▲	22 Mar16
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	5,300	0.95% ▲	22 Mar16
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	5,300	0%	22 Mar16
15% P ex-works	5,400	0%	22 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: February

BASE METALS

	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot \$/tonne Rotterdam premium	83.33	95.48
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne H/G Cash \$/tonne	130.00	155.00
Alumina		
Index fob Australia	216.94	
Copper		
US High-grade cathode premium indicator, \$/tonne	121.25	132.28
Nickel		
Free market in warehouse premium		
Europe \$/tonne uncut cathodes	36.25	130.00
4x4 cathodes	150.00	247.50
briquettes	50.00	150.00
US Melting \$/lb	0.15	0.20
Plating \$/lb	0.50	0.60
Tin		
European free market		
Spot Premium 99.9% \$/tonne	381.25	500.00
Spot premium 99.85% \$/tonne	331.25	381.25
Kuala Lumpur (ex-smelter) \$/tonne	15,444.44	

MINOR METALS

Antimony		
MB free market		
Regulus 99.65%, max Se 50ppm, \$/tonne in warehouse	5,273.13	5,550.00
MMTA Standard grade II \$/tonne	5,271.88	5,519.38
Bismuth		
MB free market		
min. 99.99%, \$/lb, tonne lots in warehouse	4.20	4.60
Cadmium		
MB free market		
min 99.95%, cents/lb in warehouse	50.25	54.75
min 99.99%, cents/lb in warehouse	51.00	57.00
Cobalt		
MB free market		
High Grade, \$/lb in warehouse	10.38	11.35
Low Grade, \$/lb in warehouse	10.20	11.20
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	232.50	280.00
Magnesium		
MB free market		
min 99.8%, \$/tonne	1,900.00	2,000.00
China free market min 99.8%	1,937.50	1,962.50

	Low	High
Mercury		
MB free market		
min 99.99%, \$/flask in warehouse	1,250.00	1,650.00
Selenium		
MB free market		
min 99.5% in warehouse \$/lb	5.20	7.00
Silicon		
MB free market €/tonne	1,926.25	2,026.25
Titanium		
Ferro-Titanium		
70% (max 4.5% Al), \$/kg d/d Europe	3.49	3.78

ORES & ALLOYS

	Low	High
Molybdenum		
Free market in warehouse		
Europe drummed molybdic oxide \$/lb Mo	5.20	5.34
US canned molybdic oxide \$/lb Mo	5.30	5.60
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	13.37	13.67
Tungsten		
European free market APT \$/mtu	161.25	177.50
Ferro-tungsten		
basis 75% W min	22.05	22.83
Vanadium		
min 98%, in-warehouse Rotterdam, \$/lb V2O5	3.00	3.20
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe \$/kg V	14.41	14.98
US Free market 70–80%	6.83	7.25

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,194.89
	Afternoon	1,199.91
London £/troy oz	Morning	835.06
	Afternoon	840.04
\$/troy oz	Handy/Harman	1,199.50
Palladium		
Morning \$/troy oz	504.81	
Afternoon \$/troy oz	505.19	
Platinum: per troy oz		
Morning \$/troy oz	918.71	
Afternoon \$/troy oz	920.24	
Rhodium		
European free market		
min 99.9% in warehouse, \$/troy oz	601.19	701.19
Silver		
London		
spot pence/troy oz	1,053.67	
spot cents/troy oz	1,506.81	
Handy/Harman cents/troy oz	1,516.73	

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24	1,195.00	1,265.00
LM6/LM25	1,410.00	1,485.00
Aluminium Europe €/tonne	1,577.50	1,652.50
Phosphor Bronze		
PB1 ex-works £/tonne	5,025.00	
Zinc Alloy		
10 tonne lots ZL3 £/tonne	1,730.00	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.43
\$/yen	114.64
\$/€	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 Feb (21 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	February 2016		February average
	Low	High	
	\$	\$	\$
Aluminium (\$)			
Cash	1,452.50	1,621.25	1,535.23
3 months	1,451.25	1,585.25	1,527.56
Settlement	1,453.00	1,621.50	1,535.62
3 months seller	1,451.50	1,585.50	1,527.93
Copper Grade A (\$)			
Cash	4,310.25	4,704.75	4,594.96
3 months	4,320.25	4,690.75	4,592.38
Settlement	4,310.50	4,705.00	4,595.48
3 months seller	4,320.50	4,691.00	4,592.90
Copper Grade A (£)			
Settlement	3,005.51	3,398.58	3,214.08
3 months seller	3,012.06	3,387.25	3,211.40
Lead (\$)			
Cash	1,596.50	1,853.50	1,771.20
3 months	1,597.50	1,851.50	1,770.57
Settlement	1,597.00	1,854.00	1,771.57
3 months seller	1,598.00	1,852.00	1,771.21
Lead (£)			
Settlement	1,098.84	1,283.95	1,238.52
3 months seller	1,100.75	1,279.80	1,238.02
Nickel (\$)			
Cash	7,705.00	8,722.50	8,306.43
3 months	7,737.50	8,762.50	8,341.79
Settlement	7,710.00	8,725.00	8,309.52
3 months seller	7,750.00	8,765.00	8,347.38
Tin (\$)			
Cash	13,225.00	16,292.50	15,647.38
3 months	13,212.50	16,087.50	15,530.12
Settlement	13,235.00	16,295.00	15,654.29
3 months seller	13,225.00	16,100.00	15,540.71

	February 2016		February average
	Low	High	
	\$	\$	\$
Zinc (\$)			
Cash	1,453.25	1,785.25	1,710.46
3 months	1,466.50	1,785.00	1,709.60
Settlement	1,453.50	1,785.50	1,710.83
3 months seller	1,467.00	1,786.00	1,710.29
Cobalt (\$)			
Cash	21,702.50	23,750.00	22,337.02
3 months	21,800.00	23,750.00	22,428.57
Settlement	21,705.00	24,000.00	22,382.38
3 months seller	21,850.00	24,000.00	22,625.00
Molybdenum (\$)			
Cash	11,500.00	11,950.00	11,835.71
3 months	11,500.00	11,950.00	11,835.71
Settlement	11,750.00	12,200.00	12,085.71
3 months seller	11,750.00	12,200.00	12,085.71
Aluminium Alloy (\$)			
Cash	1,507.50	1,610.00	1,556.94
3 months	1,540.50	1,625.00	1,580.83
Settlement	1,510.00	1,615.00	1,561.26
3 months seller	1,541.00	1,630.00	1,585.48
Nasaa (\$)			
Cash	1,660.25	1,739.50	1,676.95
3 months	1,672.50	1,747.50	1,687.38
Settlement	1,660.50	1,740.00	1,678.52
3 months seller	1,675.00	1,750.00	1,690.95
Steel Billet (\$)			
Cash	195.00	195.00	195.00
3 months	210.00	210.00	210.00
Settlement	220.00	220.00	220.00
3 months seller	235.00	235.00	235.00

LME SETTLEMENT CONVERSION RATES

\$/£	1.43
\$/yen	114.82
\$/€	1.11