

Prices

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

NEW YORK FUTURES

| | Price | Change [†] | Assessed |
|--|-----------|---------------------|-----------|
| Comex: Copper high grade cents/lb | | | |
| Settlement | 305.90 | -1.73% ▼ | 03 May 18 |
| Open interest | 242,878 | 1.2% ▲ | 02 May 18 |
| Stocks (short ton) | 251,511 | 1.21% ▲ | 02 May 18 |
| Comex: Gold \$/troy oz | | | |
| Settlement | 1,310.70 | -0.43% ▼ | 03 May 18 |
| Open interest | 501,065 | -1.13% ▼ | 02 May 18 |
| Stocks (troy oz) | 9,049,523 | 0% | 02 May 18 |
| Nymex: Palladium \$/troy oz | | | |
| Settlement | 958.70 | -2.08% ▼ | 03 May 18 |
| Stocks (troy oz) | 41,313 | 0% | 02 May 18 |
| Nymex: Platinum \$/troy oz | | | |
| Settlement | 904 | 0% | 03 May 18 |
| Stocks (troy oz) | 185,478 | -0.05% ▼ | 02 May 18 |
| Comex: Silver cents/troy oz | | | |
| Settlement | 1,636.20 | -0.76% ▼ | 03 May 18 |
| Open interest | 193,395 | -1.6% ▼ | 02 May 18 |

SHANGHAI FUTURES

| | Price | Change [†] | Assessed |
|----------------------------------|---------|---------------------|-----------|
| Aluminium yuan/tonne | 14,515 | 0.8% ▲ | 04 May 18 |
| Copper yuan/tonne | 51,070 | -0.58% ▼ | 04 May 18 |
| Nickel cathode yuan/tonne | 103,350 | -1.07% ▼ | 04 May 18 |
| Tin ingot yuan/tonne | 145,480 | 0.22% ▲ | 04 May 18 |
| Zinc yuan/tonne | 23,395 | -2.52% ▼ | 04 May 18 |
| Steel rebar month 1 yuan/tonne | 4,040 | 2.59% ▲ | 04 May 18 |
| Steel rebar month 2 yuan/tonne | 4,056 | 3.89% ▲ | 04 May 18 |
| Steel rebar month 3 yuan/tonne | 3,898 | 3.31% ▲ | 04 May 18 |
| Weekly stocks deliverable | | | |
| Aluminium (tonnes) | 986,205 | -0.54% ▼ | 04 May 18 |
| Copper (tonnes) | 264,685 | 5.99% ▲ | 04 May 18 |
| Nickel cathode (tonnes) | 39,334 | -2.03% ▼ | 04 May 18 |
| Tin ingot (tonnes) | 6,413 | 16.92% ▲ | 04 May 18 |
| Zinc (tonnes) | 106,412 | -1.15% ▼ | 04 May 18 |
| Steel rebar (tonnes) | 9,177 | 0% | 04 May 18 |

DAILY METAL AND STEEL

London forward LME settlement prices. All prices per tonne, unless otherwise stated, in LME warehouse, EU duty, if any paid for buyers account

| | Price | Change [†] | Assessed |
|--|-----------------|---------------------|-----------|
| Aluminium high grade \$ | | | |
| Cash official | 2,315-2,316 | 2.98% ▲ | 04 May 18 |
| Cash unofficial | 2,323.5-2,325.5 | 1.88% ▲ | 03 May 18 |
| 3 months official | 2,306-2,307 | 2.63% ▲ | 04 May 18 |
| 3 months unofficial | 2,317-2,319 | 1.98% ▲ | 03 May 18 |
| LME Tapo notional average price (NAP) | 2,292 | 1.98% ▲ | 03 May 18 |
| LME stocks (tonnes) | 1,310,650 | -2.91% ▼ | 03 May 18 |
| Aluminium alloy (A380. 1/DIN/D12S) \$ | | | |
| LME cash official | 1,880-1,890 | -1.82% ▼ | 04 May 18 |
| LME cash unofficial | 1,916-1,926 | -0.44% ▼ | 03 May 18 |
| LME 3 months official | 1,890-1,900 | -1.81% ▼ | 04 May 18 |
| LME 3 months unofficial | 1,925-1,935 | -0.52% ▼ | 03 May 18 |
| LME stocks (tonnes) | 11,920 | 0% | 03 May 18 |

| | Price | Change | Assessed |
|--|-----------------|----------|-----------|
| N. American special aluminium alloy | | | |
| LME cash official | 1,855-1,860 | -3% ▼ | 04 May 18 |
| LME cash unofficial | 1,882-1,892 | -0.63% ▼ | 03 May 18 |
| LME 3 months official | 1,895-1,905 | -2.31% ▼ | 04 May 18 |
| LME 3 months unofficial | 1,920-1,930 | -0.26% ▼ | 03 May 18 |
| LME stocks (tonnes) | 172,500 | -0.6% ▼ | 03 May 18 |
| Copper grade A \$ | | | |
| LME cash official | 6,782-6,783 | -0.21% ▼ | 04 May 18 |
| LME cash unofficial | 6,819.5-6,821.5 | -1.74% ▼ | 03 May 18 |
| LME 3 months official | 6,818-6,819 | -0.31% ▼ | 04 May 18 |
| LME 3 months unofficial | 6,853-6,855 | -1.78% ▼ | 03 May 18 |
| LME Tapo notional average price (NAP) | 6,799.83 | -0.64% ▼ | 03 May 18 |
| LME stocks (tonnes) | 311,375 | -7.8% ▼ | 03 May 18 |
| Lead \$ | | | |
| LME cash official | 2,272-2,274 | -2.68% ▼ | 04 May 18 |
| LME cash unofficial | 2,275-2,277 | -2.09% ▼ | 03 May 18 |
| LME 3 months official | 2,272-2,274 | -2.63% ▼ | 04 May 18 |
| LME 3 months unofficial | 2,275-2,277 | -2.23% ▼ | 03 May 18 |
| LME stocks (tonnes) | 131,600 | 1.09% ▲ | 03 May 18 |
| Nickel \$ | | | |
| LME cash official | 13,830-13,835 | -1.02% ▼ | 04 May 18 |
| LME cash unofficial | 13,895-13,905 | -1.73% ▼ | 03 May 18 |
| LME 3 months official | 13,875-13,890 | -0.8% ▼ | 04 May 18 |
| LME 3 months unofficial | 13,940-13,950 | -1.83% ▼ | 03 May 18 |
| LME stocks (tonnes) | 314,862 | 2.34% ▲ | 03 May 18 |
| Tin \$ | | | |
| LME cash official | 21,350-21,375 | -0.15% ▼ | 04 May 18 |
| LME cash unofficial | 21,330-21,380 | -0.9% ▼ | 03 May 18 |
| LME 3 months official | 21,225-21,230 | 0.24% ▲ | 04 May 18 |
| LME 3 months unofficial | 21,200-21,250 | -0.7% ▼ | 03 May 18 |
| LME stocks (tonnes) | 2,200 | -2.22% ▼ | 03 May 18 |
| Zinc special high grade \$ | | | |
| LME cash official | 2,967-2,968 | -4.89% ▼ | 04 May 18 |
| LME cash unofficial | 3,008.5-3,010.5 | -3.94% ▼ | 03 May 18 |
| LME 3 months official | 2,975-2,977 | -4.66% ▼ | 04 May 18 |
| LME 3 months unofficial | 3,024-3,026 | -3.6% ▼ | 03 May 18 |
| LME stocks (tonnes) | 236,475 | -0.56% ▼ | 03 May 18 |
| Cobalt min 99.3% | | | |
| LME cash official | 88,500-89,000 | 0.28% ▲ | 04 May 18 |
| LME 3 months official | 88,500-89,000 | 0% | 04 May 18 |
| LME stocks (tonnes) | 586 | -0.17% ▼ | 03 May 18 |
| Molybdenum \$ | | | |
| LME cash official | 24,000-26,000 | 0% | 04 May 18 |
| LME 3 months official | 24,000-26,000 | 0% | 04 May 18 |
| LME stocks (tonnes) | 0 | 0% | 03 May 18 |

† week-on-week change

continued ➤

| | Price | Change | Assessed |
|-------------------------------------|----------|-----------|-----------|
| Gold \$/troy oz | | | |
| London morning | 1,313.30 | -0.65% ▼ | 03 May 18 |
| London afternoon | 1,315.05 | -0.43% ▼ | 03 May 18 |
| Handy/Harman | 1,315.05 | -0.43% ▼ | 03 May 18 |
| Silver per troy oz | | | |
| London spot pence | 1,212 | 2.11% ▲ | 03 May 18 |
| London spot cents | 1,646.5 | -0.66% ▼ | 03 May 18 |
| Handy/Harman | 1,643.90 | -0.32% ▼ | 03 May 18 |
| Palladium \$/troy oz | | | |
| London morning | 974 | 0.52% ▲ | 03 May 18 |
| London afternoon | 971 | -0.41% ▼ | 03 May 18 |
| Platinum \$/troy oz | | | |
| London morning | 901 | -0.88% ▼ | 03 May 18 |
| London afternoon | 902 | -1.1% ▼ | 03 May 18 |
| Kuala Lumpur tin market | | | |
| Tin \$/tonne | 21,150 | -0.47% ▼ | 04 May 18 |
| ICDX | | | |
| Tin PB300 settlement price \$/tonne | 21,375 | -0.12% ▼ | 04 May 18 |
| Tin PB300 volume, tonnes | 48 | -49.47% ▼ | 04 May 18 |

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

| | Price | Change [†] | Assessed |
|-----------|------------|---------------------|-----------|
| Copper | 86,417.63 | 0.86% ▲ | 03 May 18 |
| Aluminium | 28,426.69 | 3.65% ▲ | 03 May 18 |
| Lead | 28,805.88 | 0.63% ▲ | 03 May 18 |
| Zinc | 38,273.01 | -0.72% ▼ | 03 May 18 |
| Nickel | 176,766.20 | 1.87% ▲ | 03 May 18 |
| Tin | 270,489.58 | 1.22% ▲ | 03 May 18 |

EXCHANGE RATES

| | Price | Change [†] | Assessed |
|--|----------|---------------------|-----------|
| LME settlement conversion rates | | | |
| \$/£ | 1.3568 | -1.38% ▼ | 04 May 18 |
| \$/¥ | 108.9200 | -0.38% ▼ | 04 May 18 |
| \$/€ | 1.1968 | -0.81% ▼ | 04 May 18 |
| Closing rates, midpoint | | | |
| \$/£ | 1.3542 | -2.8% ▼ | 03 May 18 |
| \$/¥ | 109.0550 | -0.28% ▼ | 03 May 18 |
| \$/€ | 1.1952 | -1.33% ▼ | 03 May 18 |
| £/€ | 1.1330 | -1.5% ▼ | 03 May 18 |
| \$/CNY | 6.3538 | 0.37% ▲ | 03 May 18 |

BASE METALS ARBITRAGE

| | Price | Change [†] | Assessed |
|------------------------------|------------|---------------------|-----------|
| Aluminium | | | |
| Import arbitrage, \$/tonne | -551.15* | 5.68% ▲ | 04 May 18 |
| Import arbitrage, yuan/tonne | -3,508.98* | 5.94% ▲ | 04 May 18 |
| Copper | | | |
| Import arbitrage, \$/tonne | -69.33* | -38.68% ▼ | 04 May 18 |
| Import arbitrage, yuan/tonne | -441.41* | -38.54% ▼ | 04 May 18 |
| Nickel | | | |
| Import arbitrage, \$/tonne | -430.06* | -29.45% ▼ | 04 May 18 |
| Import arbitrage, yuan/tonne | -2,738.09* | -29.28% ▼ | 04 May 18 |
| Zinc | | | |
| Import arbitrage, \$/tonne | -14.78* | -76.1% ▼ | 04 May 18 |
| Import arbitrage, yuan/tonne | -94.10* | -76.05% ▼ | 04 May 18 |

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

*MB Copyright

| | Price | Change [†] | Assessed |
|---|--------------|---------------------|-----------|
| Copper | | | |
| Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne | 160-190* | -12.5% ▼ | 03 May 17 |
| Rotterdam, Grade A, cathode, cif, \$/tonne | 43.0-50.0* | 0% | 01 May 18 |
| North European warrants, Grade A cathode, in-warehouse, \$/tonne | 5.0-15.0* | 0% | 01 May 18 |
| Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne | 62.0-67.0* | 3.2% ▲ | 01 May 18 |
| Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne | 65* | 3.17% ▲ | 01 May 18 |
| South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne | 67.5-72.5* | 0% | 01 May 18 |
| South Korea, copper average premium, Grade A, cathode, cif, \$/tonne | 70* | 0% | 01 May 18 |
| Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne | 5.0-15.0* | 0% | 01 May 18 |
| Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne | 70.0-84.0* | 0% | 04 May 18 |
| Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne | 78* | -1.27% ▼ | 04 May 18 |
| Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne | 68.0-82.0* | -1.32% ▼ | 04 May 18 |
| Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne | 75* | -1.32% ▼ | 04 May 18 |
| MB free market US: High-grade cathode premium indicator, \$/tonne | 121.3-132.3* | 0% | 01 May 18 |
| Aluminium | | | |
| Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne | 150.0-160.0* | -1.59% ▼ | 04 May 18 |
| Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted average, \$/tonne | 155* | -3.12% ▼ | 04 May 18 |
| Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne | 125-135* | 4% ▲ | 01 May 18 |
| Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne | 130* | 4% ▲ | 01 May 18 |
| Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne | 15.0-35.0* | 0% | 01 May 18 |
| Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne | 95.0-105.0* | 0% | 01 May 18 |
| Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne | 99* | 0% | 01 May 18 |
| Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne | 160.0-195.0* | 0% | 04 May 18 |
| Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne | 123* | 0% | 20 Mar 18 |
| Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne | 1,970* | 0% | 02 May 18 |
| Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne | 129.0-129.0* | 25.24% ▲ | 19 Mar 18 |
| Aluminium extrusion billet premium 6063 cif Japan, yearly, \$/tonne | 140.0-150.0* | -6.45% ▼ | 12 Jan 18 |
| Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne | 230.0-240.0* | -2.08% ▼ | 04 May 18 |
| Aluminium 6063 extrusion billet, in-whs Rotterdam duty-paid, spot, \$/tonne | 490.0-530.0* | -5.56% ▼ | 04 May 18 |
| Aluminium P1020A, delivered US midwest, spot, \$/lb | 0.215-0.225* | -1.12% ▼ | 04 May 18 |
| Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne | 410.0-450.0* | 0% | 01 May 18 |

† week-on-week change

continued ➤

| | Price | Change | Assessed |
|--|--------------|----------|-----------|
| Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne | 280.0-300.0* | -4.13% ▼ | 01 May 18 |
| Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne | 350.0-400.0* | 25% ▲ | 20 Apr 18 |
| Lead | | | |
| North European warrants, min 99.97% ingots, in-warehouse, \$/tonne | 10.0-15.0* | 0% | 01 May 18 |
| Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne | 10.0-20.0* | 0% | 01 May 18 |
| USA lead premium 99.97%, delivered domestic, \$/lb | 0.09-0.11* | 0% | 01 May 18 |
| USA lead premium 99.97%, delivered domestic, cents/lb | 9-11* | 0% | 01 May 18 |
| USA lead premium 99.99%, delivered domestic, cents/lb | 11-13* | 0% | 01 May 18 |
| Nickel | | | |
| Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne | 140.0-170.0* | 0% | 01 May 18 |
| Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne | 155* | 0% | 01 May 18 |
| Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne | 140.0-150.0* | 0% | 01 May 18 |
| Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne | 145* | 0% | 01 May 18 |
| Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne | 110-190* | 0% | 01 May 18 |
| Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne | 10-15* | 0% | 01 May 18 |
| uncut cathodes premium indicator | 230.0-280.0* | 0% | 01 May 18 |
| 4x4 cathodes premium indicator | 360.0-420.0* | 0% | 01 May 18 |
| briquettes premium indicator | 275.0-300.0* | 0% | 01 May 18 |
| US: melting premium indicator, \$/lb | 0.250-0.380* | 0% | 06 Mar 18 |
| Tin | | | |
| MB European free market | | | |
| Spot premium 99.9%, \$/tonne | 360-395* | 0.67% ▲ | 01 May 18 |
| Spot premium 99.85%, \$/tonne | 275-325* | 0% | 01 May 18 |
| United States New York spot, cents/lb | 997-998 | -0.8% ▼ | 03 May 18 |
| Zinc | | | |
| North European warrants, min 99.995% SHG ingots, \$/tonne | 80.0-90.0* | 0% | 01 May 18 |
| MB EU: Special high grade, fca Rotterdam, \$/tonne | 125.0-135.0* | 0% | 01 May 18 |
| Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne | 75.0-90.0* | 0% | 01 May 18 |
| Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne | 75.0-90.0* | 0% | 01 May 18 |
| Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne | 86* | 0% | 01 May 18 |
| Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne | 130.0-140.0* | 0% | 01 May 18 |
| Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne | 135* | 0% | 01 May 18 |
| MB US: Special high grade, \$/lb | 0.085-0.093* | 0% | 01 May 18 |

BASE METALS

| | Price | Change† | Assessed |
|--|------------------|-----------|-----------|
| Alumina | | | |
| MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne | 3,050.0-3,150.0* | -1.59% ▼ | 03 May 18 |
| Alumina Index fob Australia | 658.75* | 0.81% ▲ | 04 May 18 |
| Alumina Index fob Brazil | 20.94* | | 26 Apr 18 |
| Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton | 679.69* | | 04 May 18 |
| Aluminium | | | |
| Shanghai bonded aluminium stocks, tonnes | 5,000-6,000* | 0% | 02 May 18 |
| Bauxite | | | |
| fob Kamsar, Guinea \$/tonne per dmtu | 38* | 0% | 26 Apr 18 |
| fob Trombetas, Brazil \$/tonne per dmtu | 37* | 0% | 26 Apr 18 |
| Copper & Brass | | | |
| Producer premium | | | |
| Aurubis European Grade A cathode ex-works \$/tonne | 86.0 | 0% | 20 Oct 17 |
| Codelco: Contract Grade A cathode (average) | 88.0 | 7.32% ▲ | 27 Oct 17 |
| Germany: (VDM) Electro, €/tonne wirebar (DEL): | 5,725.0-5,751.0 | -1.07% ▼ | 02 May 18 |
| cathodes: | 5,680.0-5,730.0 | -0.61% ▼ | 02 May 18 |
| South Africa: Palabora copper rod 7.90mm, Rand/tonne | 95,338.130 | 2.89% ▲ | 02 May 18 |
| Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) | 6.81-6.81* | 1.34% ▲ | 30 Apr 18 |
| Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month) | 68.10-68.10* | 1.34% ▲ | 30 Apr 18 |
| Shanghai bonded copper stocks, tonnes | 520,600-521,000* | 2.62% ▲ | 23 Apr 18 |
| Nickel | | | |
| Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price | 970-980* | 0% | 01 May 18 |
| Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price | 1,000-1,010* | 0% | 01 May 18 |
| Shanghai bonded nickel stocks, tonnes | 21,000-22,000* | 0% | 02 May 18 |
| Nickel ore | | | |
| Laterite ore with 1.5% nickel content cif China, \$/tonne | 32-33* | 0% | 01 May 18 |
| Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne | 51-53* | 0% | 01 May 18 |
| Lead | | | |
| Germany: (VDM) virgin soft, €/tonne | 2,120-2,170 | 0.94% ▲ | 02 May 18 |
| Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne | 20-35* | -8.33% ▼ | 27 Apr 18 |
| Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne | 15-30* | -18.18% ▼ | 27 Apr 18 |
| <i>EUROBAT has decided to discontinue collecting and aggregating premium information. So it will no longer be able to supply this information to the Metal Bulletin. The premiums will be discontinued from the end of 2017.</i> | | | |
| Zinc | | | |
| Germany: (VDM) virgin, €/tonne | 2,730-2,730 | 0% | 02 May 18 |
| UK: Special high grade, delivered monthly average price £/tonne | 2,448* | -0.85% ▼ | 01 May 18 |
| Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne | 15-35* | 0% | 27 Apr 18 |
| Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne | 3,550-3,750* | -6.41% ▼ | 27 Apr 18 |
| Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne | 3,200-3,400* | 0% | 27 Apr 18 |
| Shanghai bonded zinc stocks, tonnes | 215,000-225,000* | 2.56% ▲ | 02 May 18 |

† week-on-week change

continued ➤

| PRECIOUS METALS | | | |
|--|------------------|---------------------|-----------|
| | Price | Change [†] | Assessed |
| Iridium | | | |
| MB free market: min 99.9%, \$/troy oz in-warehouse | 1,125-1,225* | 6.82% ▲ | 04 May 18 |
| Johnson Matthey base price: (unfab) \$/troy oz (08 hrs) | 1,140 | 4.59% ▲ | 04 May 18 |
| Engelhard base price: \$/troy oz | 1,170 | 6.36% ▲ | 04 May 18 |
| Palladium | | | |
| European free market: min 99.9%, \$/troy oz in-warehouse | 962-973* | -1.73% ▼ | 04 May 18 |
| Engelhard base price: \$/troy oz | 973 | -2.11% ▼ | 04 May 18 |
| Johnson Matthey base price: (unfab) \$/troy oz (08 hrs) | 971 | -2.02% ▼ | 04 May 18 |
| Platinum | | | |
| European free market: min 99.9%, \$/troy oz in-warehouse | 897-906* | -0.83% ▼ | 04 May 18 |
| Engelhard base price: \$/troy oz | 906 | -0.55% ▼ | 04 May 18 |
| Johnson Matthey base price: (unfab) \$/troy oz (08 hrs) | 905 | -0.98% ▼ | 04 May 18 |
| Rhodium | | | |
| European free market: min 99.9%, \$/troy oz in-warehouse | 1,965-2,065* | -2.42% ▼ | 04 May 18 |
| Engelhard base price: \$/troy oz | 2,025 | -1.7% ▼ | 04 May 18 |
| Johnson Matthey base price: (unfab) \$/troy oz (08 hrs) | 2,030 | -1.46% ▼ | 04 May 18 |
| Ruthenium | | | |
| European free market: min 99.9%, \$/troy oz in-warehouse | 230-270* | 4.17% ▲ | 04 May 18 |
| Engelhard base price: \$/troy oz | 255 | 4.08% ▲ | 04 May 18 |
| Johnson Matthey base price: (unfab) \$/troy oz (08 hrs) | 250 | 2.04% ▲ | 04 May 18 |
| MINOR METALS | | | |
| | Price | Change [†] | Assessed |
| Antimony | | | |
| MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam | 8,000-8,300* | -0.91% ▼ | 04 May 18 |
| MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam | 8,000-8,250* | -1.22% ▼ | 04 May 18 |
| MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne | 51,000-51,500* | -0.97% ▼ | 02 May 18 |
| Arsenic | | | |
| MB free market \$/lb | 1.10-1.30* | 0% | 27 Apr 18 |
| Bismuth | | | |
| MB free market \$/lb | 5.10-5.35* | 0% | 04 May 18 |
| MB China domestic, min 99.99%, yuan/tonne | 67,500-69,000* | 0% | 04 May 18 |
| Cadmium | | | |
| MB free market min 99.95% cents/lb | 147-157* | 0% | 04 May 18 |
| MB free market min 99.99% cents/lb | 147-165* | 0% | 04 May 18 |
| Chromium | | | |
| MB free market alumino-thermic min 99% \$/tonne | 13,250-13,995* | 0% | 04 May 18 |
| Cobalt | | | |
| MB free market high-grade \$/lb | 43.5-44.25* | -0.57% ▼ | 04 May 18 |
| MB free market low-grade \$/lb | 43.5-44.20* | -0.51% ▼ | 04 May 18 |
| MB high-grade, weighted average of all confirmed international trades, \$/lb | 44.14* | 0.32% ▲ | 04 May 18 |
| MB low-grade, weighted average of all confirmed international trades, \$/lb | 43.62* | -0.86% ▼ | 04 May 18 |
| MB China domestic, min 99.8% yuan/tonne | 605,000-635,000* | -3.88% ▼ | 04 May 18 |
| Cobalt tetroxide min 72.6% Co delivered China yuan/tonne | 460,000-490,000* | -5% ▼ | 04 May 18 |

| | Price | Change | Assessed |
|---|----------------|-----------|-----------|
| Gallium | | | |
| MB free market \$/kg | 220-240* | 0% | 04 May 18 |
| MB China domestic, min 99.99%, yuan/kg | 1,300-1,350* | 0% | 02 May 18 |
| Germanium | | | |
| Germanium dioxide MB free market \$/kg | 1,070-1,320* | 0% | 04 May 18 |
| Germanium metal \$/kg Rotterdam | 1,720-1,800* | 0% | 04 May 18 |
| Germanium metal MB China domestic, min 99.99%, yuan/kg | 10,000-10,800* | 0% | 02 May 18 |
| Hafnium | | | |
| Hafnium 1% Zr max, in-warehouse global locations, \$/kg | 850-950* | 0% | 27 Apr 18 |
| Indium | | | |
| MB free market \$/kg | 320-350* | 0% | 04 May 18 |
| MB China domestic, min 99.99% yuan/kg | 2,000-2,050* | 0% | 02 May 18 |
| Indium Corp ingots min 99.97% \$/kg fob | 440 | -40.94% ▼ | 26 Jun 15 |
| Magnesium | | | |
| European free market \$ per tonne | 2,450-2,475* | 0% | 04 May 18 |
| China free market min 99.8% Mg, fob China main ports, \$ per tonne | 2,430-2,470* | 0.41% ▲ | 04 May 18 |
| MB Chinese free market min 99% Mg, ex-works yuan/tonne | 15,000-15,100* | 0.67% ▲ | 04 May 18 |
| Manganese flake | | | |
| MB free market \$/tonne | 2,495-2,640* | 0% | 04 May 18 |
| Mercury | | | |
| MB free market \$ per flask | 2,750-3,000* | -10.85% ▼ | 27 Apr 18 |
| Rhenium in-warehouse Rotterdam duty paid | | | |
| Metal pellets, min 99.9% \$/lb | 726-755* | 15.97% ▲ | 27 Apr 18 |
| APR catalytic grade \$/kg Re | 1,450-1,600* | 0% | 27 Apr 18 |
| Selenium | | | |
| MB free market \$/lb | 23.5-25* | 0% | 04 May 18 |
| MB China domestic, min 99.9%, yuan/kg | 290-330* | 0% | 04 May 18 |
| Selenium dioxide, MB China domestic, min 98%, yuan/kg | 178-185* | -1.89% ▼ | 04 May 18 |
| Silicon | | | |
| Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne | 2,230-2,275* | 0% | 04 May 18 |
| Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne | 2,065-2,100* | 0% | 04 May 18 |
| US free market cents/lb | 142-144* | -0.69% ▼ | 10 Apr 18 |
| Export from mainland China min 98.5%, \$/tonne fob | 1,910-1,960* | 0.52% ▲ | 04 May 18 |
| Tellurium | | | |
| MB free market \$/kg | 90-100* | 28.38% ▲ | 04 May 18 |
| MB China domestic, min 99.99%, yuan/kg | 580-610* | 0% | 04 May 18 |
| Titanium | | | |
| MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe | 4.65-5.40* | 0.5% | 02 May 18 |
| Titanium ores \$/tonne | | | |
| Rutile conc min 95% Tio2 bagged, fob/Aus | 1,000-1,250 | 0% | 03 May 18 |
| Rutile bulk conc min 95% Tio2 fob/Aus | 800-900 | 0% | 03 May 18 |
| Ilmenite concentrate, 47-49% Tio2 cif China | 190-200 | 0% | 03 May 18 |

† week-on-week change

continued ➤

| NOBLE ALLOYS & ORES | | | |
|---|------------------|---------------------|-------------|
| | Price | Change [†] | Assessed |
| Molybdenum molybdc oxide | | | |
| Europe drummed molybdc oxide \$/lb Mo | 12.30-12.40* | -0.6% | ▼ 04 May 18 |
| US canned molybdc oxide \$/lb Mo | 12.20-12.40* | -0.81% | ▼ 03 May 18 |
| Ferro-molybdenum | | | |
| Basis 65% min, in-warehouse Rotterdam \$/kg Mo | 29.30-29.85* | -1.25% | ▼ 04 May 18 |
| US free market 65-70% Mo \$/lb in-warehouse Pittsburgh | 13.5-13.90* | 0% | 03 May 18 |
| MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu | 1,630-1,660* | 0% | 02 May 18 |
| Tungsten | | | |
| European free market APT \$/mtu | 328-335* | 0% | 04 May 18 |
| Export from mainland China APT Chinese No1 grade, min 88.5% WO3, S/mtu fob | 326-330* | 1.23% | ▲ 02 May 18 |
| MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne | 112,000-113,000* | 0.9% | ▲ 02 May 18 |
| Ferro-tungsten | | | |
| Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid | 40-40.60* | 1% | ▲ 04 May 18 |
| China export min 75% \$/kg W, fob China | 40-41* | 0% | 02 May 18 |
| Vanadium | | | |
| Ferro-vanadium basis 78% min, fob, China \$/kg V | 65-69* | -0.74% | ▼ 03 May 18 |
| Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V | 68-69.5* | 0% | 04 May 18 |
| US free market ferro-vanadium \$/lb in-warehouse Pittsburgh | 33.5-34.25* | -0.95% | ▼ 03 May 18 |
| Vanadium pentoxide 98% min, fob, China \$/lb V2O5 | 14.40-14.90* | -0.68% | ▼ 03 May 18 |
| Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O5 | 14.90-15.35* | 0% | 04 May 18 |
| Zircon | | | |
| Foundry grade bulk \$/tonne fob Australia | 950-1,000 | 0% | 01 Feb 18 |
| Premium bulk \$/tonne fob Australia | 1,380-1,570 | 0% | 12 Apr 18 |
| BULK ALLOYS | | | |
| | Price | Change [†] | Assessed |
| Ferro-chrome \$/lb Cr | | | |
| China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid | 0.85* | -6.59% | ▼ 04 May 18 |
| Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb | 1.27* | -3.79% | ▼ 04 May 18 |
| Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne | 6,850-7,000* | -0.36% | ▼ 04 May 18 |
| Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne | 6,646-6,950* | -7.82% | ▼ 04 May 18 |
| Lumpy Cr charge basis 52% Cr (and high carbon) quarterly | 1.42* | 20.34% | ▲ 03 Apr 18 |
| High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si | 1.28-1.42* | 2.27% | ▲ 04 May 18 |
| 0.10% C average 60-70% Cr | 2.27-2.45* | 0.85% | ▲ 04 May 18 |
| European low carbon in-warehouse 0.06% C max - 65% Cr | 2.32-2.5* | 0.84% | ▲ 04 May 18 |
| Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05% | 1.40-1.45* | 3.64% | ▲ 04 May 18 |
| Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome | 0.95-0.98* | 0% | 03 May 18 |
| South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome | 0.90-0.92* | -5.7% | ▼ 03 May 18 |

| | Price | Change | Assessed |
|--|--------------|--------|-------------|
| US free market low carbon duty-paid fob Pittsburgh | | | |
| US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si | 1.400-1.480* | 0% | 03 May 18 |
| 0.05% C - 65% min Cr | 2.40-2.45* | 0% | 03 May 18 |
| 0.10% C - 62% min Cr | 2.25-2.30* | 0% | 03 May 18 |
| 0.15% C - 60% min Cr | 2.20-2.23* | 0% | 03 May 18 |
| Chrome ore \$/tonne | | | |
| <i>Chrome ore cif main Chinese ports</i> | | | |
| South African UG2 chrome ore concs, index basis 42% | 188* | -0.53% | ▼ 04 May 18 |
| Turkish lumpy 40-42% cfr main Chinese ports | 280-300* | 0% | 04 May 18 |
| Ferro-manganese | | | |
| basis 78% Mn (scale pro rata) standard 7.5% C €/tonne | 1,050-1,100* | 0% | 04 May 18 |
| US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh | 1,470-1,550* | 0% | 03 May 18 |
| US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb | 1.12-1.14* | 0% | 03 May 18 |
| MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne | 7,100-7,300* | -2.7% | ▼ 04 May 18 |
| Manganese ore | | | |
| 44% Mn, cif Tianjin \$/dmtu of metal contained | 7.46* | -4.11% | ▼ 04 May 18 |
| 37% Mn, fob Port Elizabeth \$/dmtu of metal contained | 5.97* | -8.44% | ▼ 04 May 18 |
| Inventories at the main ports of Tianjin and Qinzhou, million tonnes | 2.55-2.90* | 13.54% | ▲ 02 May 18 |
| Ferro-nickel | | | |
| China premium, 26-32% nickel contained, cif China, \$/tonne | 200-350* | -8.33% | ▼ 30 Apr 18 |
| Ferro-silicon | | | |
| Lumpy basis 75% Si (scale pro rata) €/tonne | 1,500-1,575* | -1.6% | ▼ 04 May 18 |
| US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported | 1.04-1.10* | 0% | 03 May 18 |
| Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob | 1,340-1,400* | -0.36% | ▼ 04 May 18 |
| MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne | 6,200-6,400* | 0% | 04 May 18 |
| Silico-manganese | | | |
| Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne | 1,000-1,050* | 0% | 04 May 18 |
| US free market \$/lb in-warehouse Pittsburgh | 0.66-0.70* | 0% | 03 May 18 |
| MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne | 7,200-7,500* | -2.65% | ▼ 04 May 18 |
| 65% min Mn 16% min Si \$/tonne fob India | 1,090-1,100* | -3.52% | ▼ 04 May 18 |

† week-on-week change

continued ➤

CARBONSTEEL - EUROPE

| | Price | Change [†] | Assessed |
|---|--------------|---------------------|-----------|
| Northern Europe imports | | | |
| <i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i> | | | |
| Rebar | 490-510* | 0% | 02 May 18 |
| Wire rod (mesh quality) | 510-520* | 0% | 02 May 18 |
| Plate (8-40mm) | 580-600* | 0% | 02 May 18 |
| Hot rolled coil | 530-540* | 0% | 02 May 18 |
| Cold rolled coil | 610-620* | 0% | 02 May 18 |
| Hot-dip galvanized coil | 630-670* | 0.78% ▲ | 02 May 18 |
| Southern Europe imports | | | |
| <i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i> | | | |
| Rebar | 475-495* | 0% | 02 May 18 |
| Wire rod (mesh quality) | 505-520* | 0% | 02 May 18 |
| Plate (8-40mm) | 580-600* | 0% | 02 May 18 |
| Hot rolled coil | 530-540* | 0.47% ▲ | 02 May 18 |
| Cold rolled coil | 600-625* | 0% | 02 May 18 |
| Hot-dip galvanized coil | 610-650* | 0.8% ▲ | 02 May 18 |
| Southern Europe exports | | | |
| <i>Metal Bulletin's appraisal of Southern Europe mills' prices for export outside Southern Europe of commercial-quality carbon steel, € per tonne fob main Southern European port</i> | | | |
| Rebar | 470-485* | 0% | 02 May 18 |
| Wire rod (mesh quality) | 500-510* | 0% | 02 May 18 |
| Northern Europe domestic | | | |
| <i>Metal Bulletin's appraisal of prices within the EU (excluding the UK) for commercial-quality carbon steel of EU origin, € per tonne delivered basis point</i> | | | |
| Rebar | 540-560* | 0% | 02 May 18 |
| Wire rod (mesh quality) | 535-550* | -0.46% ▼ | 02 May 18 |
| Sections (medium) | 655-660* | -0.75% ▼ | 02 May 18 |
| Beams | 595-625* | 0% | 02 May 18 |
| Southern Europe domestic | | | |
| <i>Metal Bulletin's appraisal of prices within the EU (excluding the UK) for commercial-quality carbon steel of EU origin, € per tonne delivered basis point</i> | | | |
| Rebar | 495-520* | 0.5% ▲ | 02 May 18 |
| Wire rod (mesh quality) | 525-550* | -0.46% ▼ | 02 May 18 |
| Sections (medium) | 615-650* | -0.78% ▼ | 02 May 18 |
| Beams | 595-620* | 0% | 02 May 18 |
| Central Europe domestic € per tonne ex-works | | | |
| Hot rolled coil | 540-560* | -1.35% ▼ | 02 May 18 |
| Poland domestic zloty per tonne ex-works | | | |
| Rebar | 2,250-2,290* | 0% | 04 May 18 |
| Northern Europe € per tonne ex-works | | | |
| Plate (8-40mm) | 590-610* | 0.84% ▲ | 02 May 18 |
| Hot rolled coil | 560-580* | -0.44% ▼ | 02 May 18 |
| Cold rolled coil | 635-660* | -0.38% ▼ | 02 May 18 |
| Hot-dip galvanized coil | 660-690* | 0% | 02 May 18 |
| Southern Europe € per tonne ex-works | | | |
| Plate (8-40mm) | 580-590* | 1.74% ▲ | 02 May 18 |
| Hot rolled coil | 520-560* | 0% | 02 May 18 |
| Cold rolled coil | 610-640* | 0.81% ▲ | 02 May 18 |
| Hot-dip galvanized coil | 630-660* | 0.78% ▲ | 02 May 18 |

CARBONSTEEL - NORTH AFRICA

| | Price | Change [†] | Assessed |
|---|----------|---------------------|-----------|
| Algeria imports | | | |
| <i>Metal Bulletin's appraisal of cfr prices for imported, EU origin, commercial-quality carbon steel, € per tonne cfr main port</i> | | | |
| Rebar | 485-490* | -2.5% ▼ | 02 May 18 |

CARBONSTEEL - CIS

| | Price | Change [†] | Assessed |
|---|----------------|---------------------|-----------|
| CIS exports (Black Sea) | | | |
| <i>Metal Bulletin's appraisal of CIS mills' prices for export outside the CIS of commercial-quality carbon steel, \$ per tonne fob stowed main Black Sea port</i> | | | |
| Billet index | 509* | -0.2% ▼ | 30 Apr 18 |
| Slab | 550-560* | -1.33% ▼ | 30 Apr 18 |
| Rebar | 565-575* | 0.44% ▲ | 30 Apr 18 |
| Wire rod (mesh) | 590-610* | 1.27% ▲ | 30 Apr 18 |
| Heavy plate (10-50mm) | 625-645* | -1.55% ▼ | 30 Apr 18 |
| Hot rolled coil | 580-595* | -1.26% ▼ | 30 Apr 18 |
| Cold rolled coil | 625-650* | -0.78% ▼ | 30 Apr 18 |
| CIS domestic | | | |
| <i>Metal Bulletin's appraisal of prices within Russia for commercial-quality carbon steel of CIS origin, rubles per tonne, carriage paid to (cpt) inc VAT</i> | | | |
| Rebar | 39,000-39,000* | 0% | 30 Apr 18 |
| Hot rolled sheet | 45,500-46,000* | 0% | 30 Apr 18 |
| Cold rolled sheet | 49,500-50,500* | 0% | 30 Apr 18 |
| Plate | 48,000-48,000* | 0% | 30 Apr 18 |

CARBONSTEEL - MIDDLE EAST

| | Price | Change [†] | Assessed |
|--|----------|---------------------|-----------|
| Turkish exports | | | |
| <i>Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i> | | | |
| Billet | 540-545* | 1.4% ▲ | 03 May 18 |
| Rebar | 550-560* | 0% | 03 May 18 |
| Wire rod (mesh quality) | 585-595* | 0% | 03 May 18 |
| Merchant bars | 585-595* | 0% | 03 May 18 |
| Structural pipe | 675-685* | -0.73% ▼ | 11 Apr 18 |
| Hot rolled coil | 615-620* | -0.8% ▼ | 04 May 18 |
| Hot dip galvanized | 775-780* | -0.96% ▼ | 04 May 18 |
| Turkish domestic | | | |
| <i>Metal Bulletin's appraisal of prices within Turkey for commercial-quality carbon steel of Turkish origin, \$ per tonne ex-works</i> | | | |
| Billet | 535-540* | 0.47% ▲ | 03 May 18 |
| Rebar | 570-580* | 2.22% ▲ | 03 May 18 |
| Wire rod (mesh quality) | 600-620* | 1.67% ▲ | 03 May 18 |
| Hot rolled coil | 620-625* | 0% | 04 May 18 |
| Cold rolled coil | 680-690* | 0% | 04 May 18 |
| Hot dip galvanized | 775-780* | -0.96% ▼ | 04 May 18 |
| Prepainted galvanized | 860-870* | -2.26% ▼ | 04 May 18 |
| Turkish imports | | | |
| <i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i> | | | |
| Billet | 520-525* | 0% | 03 May 18 |
| Hot rolled coil | 610-630* | 0% | 04 May 18 |
| Cold rolled coil | 670-685* | 0% | 04 May 18 |
| UAE imports | | | |
| <i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i> | | | |
| Billet | 495-520* | -3.79% ▼ | 01 May 18 |
| Rebar | 565-570* | 0% | 01 May 18 |
| Hot rolled coil | 600-625* | 0% | 01 May 18 |
| Cold rolled coil | 670-710* | 0% | 01 May 18 |
| Hot dip galvanized coil | 780-840* | 0% | 01 May 18 |
| Saudi Arabia imports | | | |
| <i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i> | | | |
| Rebar | 570-575* | 0% | 01 May 18 |
| Hot rolled coil | 600-630* | 0% | 01 May 18 |

† week-on-week change

continued ➤

| | Price | Change | Assessed |
|---|----------------|----------|-----------|
| UAE domestic | | | |
| <i>Metal Bulletin's appraisal of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i> | | | |
| Rebar | 2,216-2,223* | -7.37% ▼ | 01 May 18 |
| Iran imports | | | |
| <i>Metal Bulletin's appraisal of prices quoted by overseas suppliers for commercial-quality carbon steel to Iranian buyers, \$ per tonne cfr Iranian northern ports</i> | | | |
| Cold rolled coil | 630-640* | 0% | 02 May 18 |
| Hot rolled coil | 595-600* | 0% | 02 May 18 |
| Iran exports | | | |
| <i>Metal Bulletin's appraisal of prices quoted by overseas suppliers for commercial-quality carbon steel to Iranian buyers, \$ per tonne fob Iranian ports</i> | | | |
| Billet | 480-500* | -2% ▼ | 02 May 18 |
| Slab | 520-535* | -1.86% ▼ | 02 May 18 |
| Egyptian domestic | | | |
| <i>Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, EE per tonne ex-works</i> | | | |
| Rebar | 12,525-12,528* | 0% | 03 May 18 |
| Egyptian import | | | |
| <i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i> | | | |
| Billet | 525-533* | 0.28% ▲ | 03 May 18 |

CARBONSTEEL - LATIN AMERICA

| | Price | Change† | Assessed |
|---|--------------|----------|-----------|
| Latin American exports | | | |
| <i>Metal Bulletin's appraisal of Latin American mills' prices for export outside Latin America of commercial-quality carbon steel, \$ per tonne fob stowed main Latin American port</i> | | | |
| Billet | 500-510* | 0% | 04 May 18 |
| Slab, Brazil | 560-600* | 0% | 04 May 18 |
| Rebar | 560-565* | 0% | 04 May 18 |
| Wire rod mesh quality | 560-565* | 0% | 04 May 18 |
| Heavy plate over 10mm | 670-680* | 0% | 04 May 18 |
| Hot rolled coil (dry) | 635-640* | 0% | 04 May 18 |
| Cold rolled coil | 735-745* | 0% | 04 May 18 |
| Galvanized coil | 800-810* | 0% | 04 May 18 |
| South America imports | | | |
| <i>Metal Bulletin's appraisal of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i> | | | |
| Plate | 630-640* | 0% | 04 May 18 |
| Hot rolled coil | 620-630* | 0% | 04 May 18 |
| Cold rolled coil | 660-670* | -1.48% ▼ | 04 May 18 |
| Galvanized coil | 750-760* | 0% | 04 May 18 |
| Argentina domestic \$ per tonne ex-works | | | |
| <i>Metal Bulletin's appraisal of prices within Argentina for commercial-quality carbon steel, \$ per tonne</i> | | | |
| Hot rolled coil | 750-755* | 0% | 04 May 18 |
| Cold rolled coil | 860-865* | 0% | 04 May 18 |
| Galvanized coil | 1,070-1,170* | 0% | 04 May 18 |
| Rebar | 860-865* | 0% | 04 May 18 |
| Brazil domestic | | | |
| <i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne ex-works</i> | | | |
| Hot rolled coil | 2,500-2,600* | 0% | 04 May 18 |
| Cold rolled coil | 2,800-2,900* | 0% | 04 May 18 |
| Hot dip galvanized coil | 3,000-3,200* | 0% | 04 May 18 |
| <i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i> | | | |
| Rebar | 2,380-2,580* | 7.83% ▲ | 04 May 18 |

CARBONSTEEL - NAFTA

| | Price | Change† | Assessed |
|---|--------------|----------|-----------|
| US imports | | | |
| <i>Metal Bulletin's appraisal of prices for imported, non-Nafta origin, commercial-quality carbon steel, \$ per short ton cfr port Houston</i> | | | |
| Rebar | 617-794* | 0% | 02 May 18 |
| Merchant bars | 640-680* | 0% | 27 Apr 18 |
| Wire rod (low carbon) | 600-635* | 0% | 25 Apr 18 |
| Medium sections | 760-800* | 9.86% ▲ | 26 Apr 18 |
| Medium plate | 900-940* | 0% | 02 May 18 |
| Hot rolled coil (commodity) | 820-880* | 1.49% ▲ | 02 May 18 |
| Cold rolled coil | 920-980* | -5.47% ▼ | 02 May 18 |
| Hot dipped galvanized 0.012-0.015, G30 | 1,180-1,220* | 1.69% ▲ | 02 May 18 |
| ERW linepipe (X42) | 1,070-1,090* | 0% | 24 Apr 18 |
| CTG API5CT - casing J55 | 1,030-1,200* | -0.45% ▼ | 24 Apr 18 |
| US domestic | | | |
| <i>AMM's appraisal of prices within the USA for commercial-quality carbon steel of US or Canadian origin, \$ per short ton, delivery terms as indicated</i> | | | |
| Rebar (fob mill) | 700-720* | 0% | 02 May 18 |
| Wire rod (mesh quality fob mill) | 740-740* | 1.37% ▲ | 25 Apr 18 |
| Plate (fob mill) | 940-940* | 0% | 27 Apr 18 |
| Hot rolled sheet index (fob mill) | 877-877* | 1.53% ▲ | 03 May 18 |
| Cold rolled sheet (fob mill) | 1,000-1,000* | 0% | 03 May 18 |
| Hot-dip galvanized (base) Midwest (fob mill) | 1,000-1,000* | 0% | 03 May 18 |
| OCTG API5CT - casing J55 (fob mill) | 1,250-1,400* | 9.28% ▲ | 24 Apr 18 |
| <i>AMM's appraisal of prices within the USA for commercial-quality carbon steel of US or Canadian origin, \$ per hundredweight, delivery terms as indicated</i> | | | |
| Merchant bar 3 x 3 1/4 angle (fob mill) | 37-37* | 4.96% ▲ | 27 Apr 18 |

CARBONSTEEL - ASIA

| | Price | Change† | Assessed |
|---|--------------|----------|-----------|
| China exports | | | |
| <i>Metal Bulletin's appraisal of Chinese mills prices for export of commercial-quality carbon steel, \$ per tonne fob main China port</i> | | | |
| Rebar index | 543-543* | 0.43% ▲ | 04 May 18 |
| Wire rod (mesh quality) | 560-565* | -0.44% ▼ | 02 May 18 |
| Heavy plate | 610-620* | 0.82% ▲ | 02 May 18 |
| Hot rolled coil index | 587-587* | 0.17% ▲ | 04 May 18 |
| Cold rolled coil | 610-625* | 0.41% ▲ | 02 May 18 |
| Galvanized coil 1mm | 685-695* | 0% | 02 May 18 |
| Eastern China domestic | | | |
| <i>Metal Bulletin's appraisal of prices in eastern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i> | | | |
| Rebar | 4,060-4,100* | 4.35% ▲ | 04 May 18 |
| Wire rod (mesh) | 4,050-4,080* | 4.36% ▲ | 04 May 18 |
| Sections | 4,200-4,250* | 1.44% ▲ | 04 May 18 |
| Plate | 4,400-4,500* | 2.53% ▲ | 04 May 18 |
| Hot rolled coil (min 2mm) | 4,180-4,200* | 1.58% ▲ | 04 May 18 |
| Cold rolled coil (0.5 - 2 mm) | 4,550-4,600* | 1.22% ▲ | 04 May 18 |
| Hot-dip galvanized coil | 5,000-5,070* | 2.23% ▲ | 04 May 18 |
| Northern China domestic | | | |
| <i>Metal Bulletin's appraisal of prices in northern China for commercial-quality carbon steel of Chinese origin (Tangshan), yuan per tonne ex-works</i> | | | |
| Billet | 3,660-3,660* | 2.52% ▲ | 04 May 18 |
| <i>Metal Bulletin's appraisal of prices in northern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i> | | | |
| Hot rolled coil | 4,070-4,100* | 2.77% ▲ | 04 May 18 |
| Rebar | 3,870-3,940* | 4.13% ▲ | 04 May 18 |

† week-on-week change

continued ➔

| | Price | Change | Assessed |
|--|----------------|----------|-----------|
| Southern China domestic | | | |
| <i>Metal Bulletin's appraisal of prices in southern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i> | | | |
| Rebar | 4,300-4,350* | 3.72% ▲ | 04 May 18 |
| Wire rod (mesh) | 4,270-4,300* | 3.88% ▲ | 04 May 18 |
| Sections | 4,250-4,290* | 1.43% ▲ | 04 May 18 |
| Plate | 4,560-4,600* | 2.35% ▲ | 04 May 18 |
| Hot rolled coil (min 2mm) | 4,150-4,200* | 2.33% ▲ | 04 May 18 |
| Cold rolled coil (0.5 - 2 mm) | 4,570-4,620* | 1.21% ▲ | 04 May 18 |
| Hot-dip galvanized coil | 5,070-5,100* | 1.09% ▲ | 04 May 18 |
| Southeast Asia imports | | | |
| <i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i> | | | |
| Billet | 540-555* | 0.92% ▲ | 30 Apr 18 |
| Slab (Asia/East Asia) | 560-570* | -2.16% ▼ | 30 Apr 18 |
| Hot rolled coil (Vietnam) | 590-605* | 0% | 30 Apr 18 |
| Rebar (Singapore) | 540-550* | 0% | 30 Apr 18 |
| Wire rod (low carbon) | 565-575* | 0% | 30 Apr 18 |
| Indian exports | | | |
| <i>Metal Bulletin's appraisal of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port</i> | | | |
| Billet | 505-510* | 0% | 04 May 18 |
| Plate (12-40mm) | 635-640* | 0% | 04 May 18 |
| Hot rolled coil (commodity) | 630-640* | -1.93% ▼ | 04 May 18 |
| Hot-dip galvanized coil | 865-870* | 0.58% ▲ | 04 May 18 |
| Indian imports | | | |
| <i>Metal Bulletin's appraisal of prices for imported, non-EU origin, commercial-quality carbon steel, \$ per tonne cfr main India port</i> | | | |
| Plate (20-60mm) | 640-650* | 0% | 04 May 18 |
| Hot rolled coil (commodity) | 660-665* | 0% | 04 May 18 |
| Hot rolled coil (CR grade) | 620-625* | 0% | 04 May 18 |
| Cold rolled | 655-660* | 0% | 04 May 18 |
| Indian domestic | | | |
| <i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i> | | | |
| Billet | 35,600-35,800* | 0.28% ▲ | 04 May 18 |
| Heavy plate | 43,000-43,500* | 0% | 04 May 18 |
| Hot rolled coil | 45,300-45,800* | 1.79% ▲ | 04 May 18 |
| Cold rolled coil | 50,000-50,550* | 1.57% ▲ | 04 May 18 |
| DRI | 22,300-22,500* | 0.45% ▲ | 04 May 18 |
| Hot-dip galvanized coil | 54,500-55,050* | 1.44% ▲ | 04 May 18 |
| Rebar | 39,400-39,600* | 0.25% ▲ | 04 May 18 |

STEELBENCHMARKER™ PRICES

| | Price | Change† | Assessed |
|--|-------|----------|-----------|
| Region: USA east of the Mississippi | | | |
| Standard plate (\$/metric tonne) | 1,034 | 0.29% ▲ | 23 Apr 18 |
| Standard plate (\$/short ton) | 938 | 0.21% ▲ | 23 Apr 18 |
| Hot rolled coil (\$/metric tonne) | 955 | 1.49% ▲ | 23 Apr 18 |
| Hot rolled coil (\$/short ton) | 866 | 1.41% ▲ | 23 Apr 18 |
| Cold rolled coil (\$/metric tonne) | 1,072 | -0.46% ▼ | 23 Apr 18 |
| Cold rolled coil (\$/short ton) | 973 | -0.41% ▼ | 23 Apr 18 |
| Region: Mainland China | | | |
| Rebar | 519 | 3.59% ▲ | 23 Apr 18 |
| Standard plate | 567 | 2.53% ▲ | 23 Apr 18 |
| Hot rolled coil | 542 | 3.44% ▲ | 23 Apr 18 |
| Cold rolled coil | 614 | 0.49% ▲ | 23 Apr 18 |
| Region: World export market | | | |
| Hot rolled coil (\$/metric tonne) | 617 | 0% | 23 Apr 18 |

STAINLESS STEEL

| | Price | Change† | Assessed |
|--|----------------|----------|-----------|
| Asia import | | | |
| \$/tonne cif East Asian port | | | |
| Grade 304 2mm CR coil 2B | 2,170-2,300* | 0% | 02 May 18 |
| Grade 304 HR sheet | 2,150-2,220* | 0% | 02 May 18 |
| China domestic | | | |
| yuan/tonne, in-warehouse | | | |
| Grade 304 2mm CR coil | 14,200-14,800* | -0.34% ▼ | 03 May 18 |
| Grade 430 2mm CR coil | 8,700-8,750* | -1.13% ▼ | 03 May 18 |
| EU export | | | |
| €/tonne fob N.European port | | | |
| Min 100 tonne lot | | | |
| Grade 304 2mm CR sheet | 2,435-2,534* | 0% | 04 May 18 |
| EU domestic | | | |
| 2mm 304 cold rolled stainless sheet, €/tonne | | | |
| N.Europe Base price | 1,050-1,100* | 0% | 04 May 18 |
| Alloy surcharge | 1,385-1,434* | 0% | 04 May 18 |
| 2mm 316 cold rolled stainless sheet, €/tonne | | | |
| Base price | 1,350-1,410* | 0% | 04 May 18 |
| Alloy surcharge | 2,086-2,147* | 0% | 04 May 18 |
| 304 stainless steel bright bar, €/tonne | | | |
| Base price | 1,000-1,040* | 0% | 04 May 18 |
| Alloy surcharge | 1,710-1,760* | 0% | 04 May 18 |
| US domestic | | | |
| <i>AMM's appraisal of prices within the USA for commercial-quality stainless steel of US or Canadian origin, \$ per hundredweight, fob</i> | | | |
| Grade 304 coiled plate | 123-123* | 8.89% ▲ | 10 Apr 18 |
| Grade 316 coiled plate | 172-172* | 7.5% ▲ | 10 Apr 18 |
| Grade 304 cold rolled sheet | 138-138* | 0% | 25 Apr 18 |
| Grade 316L cold rolled sheet | 184-184* | 0% | 25 Apr 18 |
| Raw materials index | | | |
| EU domestic stainless steel \$ per tonne | | | |
| 304 Europe raw materials index | 1,562.21* | -3.32% ▼ | 30 Apr 18 |

CHINA IRON ORE

| <i>cfr main China port \$ per dry metric tonne</i> | | | |
|--|---------|---------|-----------|
| | Price | Change† | Assessed |
| Iron ore index (62% Fe) | 66.28* | 0.91% ▲ | 04 May 18 |
| Iron ore pellet index cfr Qingdao (65% Fe) | 112.67* | 0.34% ▲ | 04 May 18 |
| Iron ore concentrate index cfr Qingdao (66% Fe) | 90.53* | 1.07% ▲ | 04 May 18 |
| Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao | | | |
| | 1.25* | 4.17% ▲ | 02 May 18 |

IRAN IRON ORE

| <i>cfr China US \$ per tonne</i> | | | |
|----------------------------------|--------------|---------|-----------|
| | Price | Change† | Assessed |
| Iron ore fines index (60% Fe) | 66.87-66.87* | 3.1% ▲ | 03 Jan 18 |

COKING COAL

| <i>\$ per metric tonne</i> | | | |
|---|----------------|----------|-----------|
| | Price | Change† | Assessed |
| Premium hard coking coal cfr China | 190.19-190.19* | 3.8% ▲ | 04 May 18 |
| Hard coking coal cfr China | 175.87-175.87* | 1.13% ▲ | 04 May 18 |
| Premium hard coking coal fob Australia | 179.14-179.14* | 3.81% ▲ | 04 May 18 |
| Hard coking coal fob Australia | 167.36-167.36* | 2.83% ▲ | 04 May 18 |
| China hard coking coal Shanxi spot market domestic delivered yuan/tonne | 1,350-1,700* | -1.61% ▼ | 04 May 18 |
| 65% CSR coke \$/tonne fob China | 315-325* | 4.07% ▲ | 02 May 18 |

† week-on-week change

continued ➤

| FERROUS SCRAP | | | |
|--|--------------|-----------|-----------|
| | Price | Change† | Assessed |
| UK ferrous scrap domestic | | | |
| <i>The following is Metal Bulletin's evaluation of UK prices for processed scrap delivered to consumers within the month listed. Prices may vary according to region and destination, and should be read in conjunction with editorial comment on the Ferrous scrap pages.</i> | | | |
| <i>£/tonne</i> | | | |
| Cut grades | | | |
| OA plate and structural | 200-225* | -6.59% ▼ | 12 Apr 18 |
| 1&2 old steel | 180-205* | -7.23% ▼ | 12 Apr 18 |
| 12A/C new production heavy and shovellable steel | 215-240* | -4.21% ▼ | 12 Apr 18 |
| 12D new production heavy and shovellable steel | 220-245* | -4.12% ▼ | 12 Apr 18 |
| Bales and cuttings | | | |
| 4A new steel bales | 220-245* | -4.12% ▼ | 12 Apr 18 |
| 4C new steel bales | 210-235* | -4.3% ▼ | 12 Apr 18 |
| 8A new loose light cuttings | 205-235* | -4.35% ▼ | 12 Apr 18 |
| 8B new loose light cuttings | 190-220* | -4.65% ▼ | 12 Apr 18 |
| Turnings | | | |
| UK inter-merchant 7B heavy steel turnings | 160-180* | -8.11% ▼ | 12 Apr 18 |
| Cast iron | | | |
| 9A/10 heavy and light cast iron | 180-205* | -7.23% ▼ | 12 Apr 18 |
| 9B/C cylinder block scrap | 200-225* | -6.59% ▼ | 12 Apr 18 |
| 11A cast iron borings | 120-140* | -10.34% ▼ | 12 Apr 18 |
| <i>Prices relate to new UK scrap specifications</i> | | | |
| <i>Please see MB.com for full explanation of price changes</i> | | | |
| UK intermerchant weekly price | | | |
| <i>£/tonne</i> | | | |
| 5C loose old light | 90-120* | 0% | 04 May 18 |
| UK ferrous scrap export | | | |
| <i>MB assessment \$ fob main UK port</i> | | | |
| HMS 1&2 (80:20 mix) | 322-330* | 0% | 04 May 18 |
| Shredded | 334-336* | 0% | 04 May 18 |
| Indian imports | | | |
| <i>MB assessment \$/tonne cfr Nhava Sheva</i> | | | |
| MB index cfr India shredded | 390.73* | 1.45% ▲ | 04 May 18 |
| HMS 1&2 (80:20 mix) | 350-380* | 2.1% ▲ | 04 May 18 |
| Alloy steel scrap domestic | | | |
| <i>UK wholesale merchants' stainless (£/tonne)</i> | | | |
| 18/8 solids | 950-1,000* | 1.04% ▲ | 04 May 18 |
| 18/8 turnings | 810-850* | 0.91% ▲ | 04 May 18 |
| 12-13% Cr solids | 230-270* | 0% | 04 May 18 |
| 16-17% Cr solids | 260-300* | 0% | 04 May 18 |
| Cif Europe stainless € per tonne | | | |
| 18/8 solids | 1,180-1,200* | -1.65% ▼ | 04 May 18 |
| 18/8 turnings | 1,060-1,080* | -1.83% ▼ | 04 May 18 |
| Rotterdam export | | | |
| <i>MB assessment \$/tonne fob Rotterdam</i> | | | |
| MB index fob Rotterdam HMS 1&2 (80:20) | 326.76* | 1.12% ▲ | 04 May 18 |
| HMS 1&2 (70:30 mix) | 316-317* | 0% | 04 May 18 |
| Shredded | 326-327* | 0% | 04 May 18 |
| Turkish import | | | |
| <i>MB assessment \$/tonne cfr main Turkish ports</i> | | | |
| MB index cfr Turkey HMS 1&2 (80:20) (North Europe material) | 345.64* | 0.61% ▲ | 04 May 18 |
| MB index cfr Turkey HMS 1&2 (80:20) (United States material) | 355.93* | 0.88% ▲ | 04 May 18 |
| HMS 1&2 (75:25 mix) | 335-336* | 0% | 04 May 18 |
| Shredded | 345-359* | 0% | 04 May 18 |

| | Price | Change | Assessed |
|--|--------------|----------|-----------|
| Turkish domestic | | | |
| <i>MB assessment delivered</i> | | | |
| Melting scrap from shipbreaking (\$/tonne) | 348-355* | 1.44% ▲ | 30 Apr 18 |
| Auto bundle scrap (Turkish lira/tonne) | 1,370-1,500* | 3.61% ▲ | 30 Apr 18 |
| USA export | | | |
| <i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i> | | | |
| HMS 1&2 (80:20) | 325.75* | -3.19% ▼ | 02 May 18 |
| Shredded | 331* | -0.6% ▼ | 02 May 18 |
| USA domestic | | | |
| <i>AMM Midwest index \$/gross ton delivered mill</i> | | | |
| No1 heavy melting scrap | 346.98* | 4.93% ▲ | 10 Apr 18 |
| No1 busheling | 384.43* | 2.71% ▲ | 10 Apr 18 |
| Shredded | 374.19* | 4.37% ▲ | 10 Apr 18 |
| China domestic | | | |
| <i>yuan/tonne delivered mill</i> | | | |
| Heavy scrap | 2,340-2,530* | 4.28% ▲ | 04 May 18 |
| Taiwan import | | | |
| <i>\$/tonne cfr main port</i> | | | |
| HMS 1&2 (80:20 mix) (USA material) | 340-343* | 0% | 04 May 18 |
| Germany domestic | | | |
| <i>€/tonne composite sales price ex-yard, source: BDSV</i> | | | |
| No E2/8 (new steel scrap) | 270.40 | -0.48% ▼ | 03 Apr 18 |
| No E1 (old steel scrap) | 243.5 | -1.5% ▼ | 03 Apr 18 |
| No E3 (old thick steel scrap) | 267.5 | -0.82% ▼ | 03 Apr 18 |
| No E40 (shredded steel scrap) | 273.20 | -0.4% ▼ | 03 Apr 18 |
| No E5 (steel turnings) | 220.60 | -1.43% ▼ | 03 Apr 18 |
| <i>MB assessment €/tonne delivered at mill</i> | | | |
| Grade E40 (shredded steel scrap) | 285-305 | 0% | 13 Apr 18 |
| No E8 (thin new production steel scrap) | 290-300 | 1.72% ▲ | 13 Apr 18 |
| No E3 (old thick scrap) | 280-300 | 0% | 13 Apr 18 |
| Italy domestic | | | |
| <i>MB assessment €/tonne delivered at mill</i> | | | |
| No E3 (old thick scrap) | 285 | -2.5% ▼ | 16 Apr 18 |
| No E8 (thin new production steel) | 300 | -1.61% ▼ | 16 Apr 18 |

SCRAP SUBSTITUTES

| | Price | Change† | Assessed |
|--|--------------|----------|-----------|
| EU imports \$/tonne | | | |
| Pig iron imports cif Italy | 385-390* | -1.27% ▼ | 03 May 18 |
| Latin American exports \$/tonne, delivery terms as stated | | | |
| Hot briquetted iron Venezuela | 250-260* | 0% | 04 May 18 |
| Pig iron fob Vitoria/Rio | 390-395* | -1.26% ▼ | 04 May 18 |
| Pig iron fob Ponta da Maderia | 400-405* | -1.23% ▼ | 04 May 18 |
| US imports \$/tonne cfr Gulf of Mexico | | | |
| Pig iron | 400-410* | -1.82% ▼ | 04 May 18 |
| CIS exports \$/tonne fob main port | | | |
| Pig iron Baltic Sea | 400-405* | -2.42% ▼ | 03 May 18 |
| Pig iron Black Sea | 365-385* | -0.66% ▼ | 03 May 18 |
| China domestic yuan/tonne delivered warehouse | | | |
| Pig iron | 3,000-3,050* | 0% | 16 Feb 18 |

† week-on-week change

continued ➤

NON-FERROUS SCRAP EUROPE

| | Price | Change† | Assessed |
|---|--------------|----------|-----------|
| Aluminium | | | |
| European free market MB assessment €/tonne | | | |
| Floated frag | 1,270-1,310* | 0% | 04 May 18 |
| Cast | 1,180-1,240* | 0% | 04 May 18 |
| Mixed turnings 6% | 1,065-1,100* | 0% | 04 May 18 |
| Germany per 1000kg | | | |
| Pure cuttings | 1,460-1,560 | -6.21% ▼ | 02 May 18 |
| Commercial cast | 1,250-1,370 | -0.38% ▼ | 02 May 18 |
| H9 extrusions | 1,790-1,890 | -4.66% ▼ | 02 May 18 |
| Alloy turnings | 1,000-1,090 | -2.79% ▼ | 02 May 18 |
| <i>Source: VDM</i> | | | |
| France per 1000kg | | | |
| Pure cuttings | 1,700-1,720 | 2.7% ▲ | 01 May 18 |
| Old rolled | 750-780 | 0% | 01 May 18 |
| Commercial cast | 880-920 | 0% | 01 May 18 |
| <i>Source: Lettre d'Information Metaux</i> | | | |
| Italy per 1000kg | | | |
| Pure cuttings | 1,190-1,230 | 0.83% ▲ | 27 Apr 18 |
| Old mixed scrap | 1,660-1,715 | 2.43% ▲ | 27 Apr 18 |
| Commercial cast | 1,045-1,080 | 0.47% ▲ | 27 Apr 18 |
| <i>Source: Assomet</i> | | | |
| Copper | | | |
| Germany per 1000kg | | | |
| Copper wire (berry) | 5,440-5,540 | 0.18% ▲ | 02 May 18 |
| Heavy copper | 4,900-5,100 | 0% | 02 May 18 |
| Heavy brass | 3,560-3,760 | 0.55% ▲ | 02 May 18 |
| Brass turnings (MS 58) | 3,970-4,070 | 0.5% ▲ | 02 May 18 |
| Brass sheet (MS 63) | 4,170-4,270 | 0.48% ▲ | 02 May 18 |
| <i>Source: Verein Deutscher Metallhandler</i> | | | |
| France per 1000kg | | | |
| Electro cuttings | 5,100-5,125 | 0% | 01 May 18 |
| No 1 bright wire | 4,750-4,780 | 0% | 01 May 18 |
| Mixed (96%) | 4,700-4,740 | 0.96% ▲ | 01 May 18 |
| Brass plate cuttings 70/30 | 3,800-3,850 | 0% | 01 May 18 |
| Brass turnings | 3,300-3,350 | 0% | 01 May 18 |
| Mixed brass | 3,250-3,350 | 0% | 01 May 18 |
| <i>Source: Lettre d'Information Metaux</i> | | | |
| Italy per 1000kg | | | |
| Electrolytic dd EN 12861-S-Cu-2 | 5,310-5,470 | -0.46% ▼ | 27 Apr 18 |
| Enamelled wire EN 12861-S-Cu-3 | 5,188-5,350 | -0.47% ▼ | 27 Apr 18 |
| New from tubes, strips etc EN 12861-S-Cu-4 | 5,212-5,440 | -0.47% ▼ | 27 Apr 18 |
| Old from tubes, strips etc 12861-S-Cu-7 | 5,040-5,210 | -0.49% ▼ | 27 Apr 18 |
| EN12861-S-Cu-Zn-1-A-Cu 63.5% | 4,280-4,365 | -0.8% ▼ | 27 Apr 18 |
| Mixed from valves/taps EN 12861-S-Cu-Zn-6 | 3,495-3,825 | -0.95% ▼ | 27 Apr 18 |
| Several 95% m/m 12861-S-Cu-Zn-7 | 3,537-3,615 | -0.97% ▼ | 27 Apr 18 |

Source: Assomet

STEEL BENCHMARKER™ SCRAP PRICES

| | Price | Change† | Assessed |
|---|-------|----------|-----------|
| Region: USA, east of the Mississippi | | | |
| Shredded scrap (\$/metric tonne) ** | 374 | -1.32% ▼ | 23 Apr 18 |
| Shredded scrap (\$/gross ton) ** | 380 | -1.3% ▼ | 23 Apr 18 |
| No 1 heavy melting scrap (\$/metric tonne) | 344 | -1.43% ▼ | 23 Apr 18 |
| No 1 heavy melting scrap (\$/gross ton) | 350 | -1.41% ▼ | 23 Apr 18 |
| No 1 busheling scrap (\$/metric tonne) | 389 | 0% | 23 Apr 18 |
| No 1 busheling scrap (\$/gross ton) | 395 | 0% | 23 Apr 18 |
| **For shredded scrap the region is for all but the West Coast | | | |

UK NON-FERROUS SCRAP

| | Price | Change† | Assessed |
|---------------------------------|--------------|---------|-----------|
| Aluminium - actual price | | | |
| <i>£ per tonne</i> | | | |
| Group 1 pure 99% & Litho | 1,390-1,440* | 0% | 02 May 18 |
| Commercial pure cuttings | 1,150-1,200* | 0% | 02 May 18 |
| Clean HE9 extrusions | 1,390-1,440* | 0% | 02 May 18 |
| Loose old rolled cuttings | 850-880* | 0% | 02 May 18 |
| Baled old rolled | 915-945* | 0% | 02 May 18 |
| Commercial cast | 1,020-1,050* | 0% | 02 May 18 |
| Cast wheels | 1,260-1,290* | 0% | 02 May 18 |
| Commercial turnings | 680-720* | 0% | 02 May 18 |
| Group 7 turnings | 585-605* | 0% | 02 May 18 |

MB and LME aluminium scrap discounts

| | | | |
|---------------------------|----------|-----------|-----------|
| <i>£ per tonne</i> | | | |
| Group 1 pure 99% & Litho | 190-240* | -26.62% ▼ | 02 May 18 |
| Commercial pure cuttings | 430-480* | -14.63% ▼ | 02 May 18 |
| Clean HE9 extrusions | 190-240* | -26.62% ▼ | 02 May 18 |
| Loose old rolled cuttings | 568-598* | -2.67% ▼ | 02 May 18 |
| Baled old rolled | 503-533* | -3% ▼ | 02 May 18 |
| Commercial cast | 398-428* | -3.73% ▼ | 02 May 18 |
| Cast wheels | 158-188* | -8.47% ▼ | 02 May 18 |
| Commercial turnings | 728-768* | -2.09% ▼ | 02 May 18 |
| Group 7 turnings | 843-863* | -1.84% ▼ | 02 May 18 |

Titanium

| | | | |
|--|------------|----|-----------|
| <i>\$/lb cif</i> | | | |
| Turnings, unprocessed type 90/6/4 (0.5% Sn max) | 0.95-1* | 0% | 02 May 18 |
| Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn) | 0.80-0.90* | 0% | 02 May 18 |

Copper scrap discount

| | | | |
|--|--------|----------|-----------|
| <i>cents/lb</i> | | | |
| No 2 copper (birch/cliff) imported into China 94-96% cif China | 26-28* | -3.57% ▼ | 30 Apr 18 |

† week-on-week change

continued ➔

NON-FERROUS FOUNDRY INGOTS

| | Price | Change ¹ | Assessed |
|---|--------------|---------------------|-----------|
| Aluminium UK £/tonne | | | |
| MB free market | | | |
| LM24 pressure diecasting ingot | 1,630-1,680* | 0% | 02 May 18 |
| LM6/LM25 gravity diecasting ingot | 1,830-1,880* | 0% | 02 May 18 |
| NB: prices expressed delivered consumer works, LM series as specified in BS1490 | | | |
| Aluminium Europe | | | |
| MB free market | | | |
| Duty paid delivered works pressure diecasting ingot price (DIN226/A380) - €/tonne | 1,850-1,900* | 0% | 04 May 18 |
| Aluminum US \$/lb delivered Midwest | | | |
| A380.1 alloy | 0.99-1.01* | 0% | 03 May 18 |
| AFFIMET €/tonne | | | |
| AS12 | 3,789 | 7.06% ▲ | 01 May 18 |
| AS12 UN | 2,985 | 1.7% ▲ | 01 May 18 |
| AS9 U3 | 2,360 | 2.16% ▲ | 01 May 18 |
| AS5 U3 | 2,710 | 1.88% ▲ | 01 May 18 |
| Reflects generally larger traded lots | | | |
| VDM €/1000 kg delivered | | | |
| DIN 226 | 2,490-2,590 | 0% | 02 May 18 |
| DIN 231 | 2,570-2,670 | 0% | 02 May 18 |
| DIN 311 | 2,550-2,650 | 0% | 02 May 18 |
| Aluminium bronze £/tonne UK | | | |
| AB1 ex-works | 5,040 | 0% | 01 May 18 |
| AB2 ex-works | 4,970 | 0% | 01 May 18 |
| Source: C.F. Booth Ltd | | | |
| Brass UK £/tonne | | | |
| SCB3 ex-works | 4,090 | 0% | 01 May 18 |
| High tensile HTB1 ex-works | 4,450 | 0% | 01 May 18 |
| Source: C.F. Booth Ltd | | | |
| Gunmetal UK £/tonne | | | |
| LG2 85/5/5/5 ex-works | 4,810 | 0% | 01 May 18 |
| LG4 87/7/3/3 ex-works | 5,500 | 0% | 01 May 18 |
| G1 1.15 PB ex-works | 6,120 | 0% | 01 May 18 |
| Source: C.F. Booth Ltd | | | |
| Phosphor bronze UK £/tonne | | | |
| PB1 ex-works | 7,000 | 0% | 01 May 18 |
| Source: C.F. Booth Ltd | | | |
| Phosphor copper £/tonne | | | |
| 10% P ex-works | 6,400 | 0% | 01 May 18 |
| 15% P ex-works | 6,450 | 0% | 01 May 18 |
| Source: C.F. Booth Ltd | | | |
| Zinc alloys UK £/tonne | | | |
| Brock Metal Co contract alloy price (delivered UK) | | | |
| Brock Metal ZL3 | 2,877 | -3.75% ▼ | 03 Apr 18 |
| Brock Metal ZL5 | 2,903 | -3.84% ▼ | 03 Apr 18 |

Metal Bulletin Metal Bulletin Price Book



Cutting-edge graphing technology enables you to:

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

Start using your **Price Book** today
www.metalbulletin.com

Monthly averages: April

BASE METALS

| | Low | High |
|--|-----------|--------|
| Aluminium | | |
| Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne | 125.90 | 137.65 |
| Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne | 202.75 | 215 |
| Alumina | | |
| Index fob Australia | 573.47 | |
| Copper | | |
| US High-grade cathode premium indicator, \$/tonne | 121.25 | 132.28 |
| Nickel | | |
| Free market in warehouse premium | | |
| Europe \$/tonne | | |
| Uncut cathodes | 230 | 280 |
| 4x4 cathodes | 360 | 420 |
| Briquettes | 275 | 300 |
| Tin | | |
| European free market | | |
| Spot Premium 99.9%, \$/tonne | 353.75 | 382.5 |
| Spot premium 99.85%, \$/tonne | 262.5 | 312.5 |
| Kuala Lumpur (ex-smelter), \$/tonne | 21,141.43 | |

MINOR METALS

| | | |
|---|----------|----------|
| Antimony | | |
| MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne | 8,343.75 | 8,462.5 |
| MMTA Standard grade II, \$/tonne | 8,312.5 | 8,450 |
| Bismuth | | |
| MB free market min. 99.99%, tonne lots, in warehouse, \$/lb | 5.10 | 5.33 |
| Cadmium | | |
| MB free market | | |
| min 99.95%, in warehouse, cents/lb | 151.38 | 158.88 |
| min 99.99%, in warehouse cents/lb | 154.5 | 170.63 |
| Cobalt | | |
| MB free market | | |
| High Grade, in warehouse, \$/lb | 43.45 | 44.53 |
| Low Grade, in warehouse, \$/lb | 43.45 | 44.35 |
| Germanium Dioxide | | |
| MB free market min 99.99%, \$/kg | 1,070 | 1,320 |
| Rotterdam, \$/kg | 1,700 | 1,792.5 |
| Indium | | |
| MB free market ingots, min 99.97%, in warehouse, \$/kg | 335.63 | 362.5 |
| Magnesium | | |
| MB free market min 99.8%, \$/tonne | 2,437.5 | 2,493.75 |
| China free market min 99.8%, \$/tonne | 2,420 | 2,455 |
| Mercury | | |
| MB free market min 99.99%, in warehouse, \$/flask | 2,875 | 3,225 |

| | Low | High |
|---|----------|---------|
| Selenium | | |
| MB free market min 99.5% in warehouse, \$/lb | 23.38 | 25.5 |
| Silicon | | |
| Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne | 2,241.25 | 2,287.5 |
| Titanium | | |
| Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg | 4.56 | 5.23 |

ORES & ALLOYS

| | Low | High |
|--|-------|--------|
| Molybdenum | | |
| Free market in warehouse | | |
| Europe drummed molybdic oxide \$/lb Mo | 12.12 | 12.33 |
| US canned molybdic oxide \$/lb Mo | 12.30 | 12.53 |
| Ferro-molybdenum | | |
| basis 65% min, in-warehouse Rotterdam, \$/kg Mo | 29.28 | 29.74w |
| Tungsten | | |
| European free market APT, \$/mtu | 325 | 330.5 |
| Ferro-tungsten | | |
| basis 75% W min, \$/kg | 39.74 | 40.75 |
| Vanadium | | |
| min 98%, in-warehouse Rotterdam, V2O5, \$/lb | 15.23 | 15.85 |
| Ferro-vanadium | | |
| basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V | 68.46 | 70.23 |
| US Free market 70-80%, \$/lb | 33.91 | 35.25 |

PRECIOUS METALS

| | | |
|------------------------------------|--------------|----------|
| Gold | | |
| London \$/troy oz | Morning | 1,334.38 |
| | Afternoon | 1,334.74 |
| London £/troy oz | Morning | 948.17 |
| | Afternoon | 947.78 |
| \$/troy oz | Handy/Harman | 1,334.76 |
| Palladium | | |
| Morning \$/troy oz | | 969.95 |
| Afternoon \$/troy oz | | 970.55 |
| Platinum: per troy oz | | |
| Morning \$/troy oz | | 924.55 |
| Afternoon \$/troy oz | | 923.5 |
| Rhodium | | |
| European free market | | |
| min 99.9% in-warehouse, \$/troy oz | 2,024.25 | 2,124.25 |
| Silver | | |
| London | | |
| spot pence/troy oz | | 1,180.10 |
| spot cents/troy oz | | 1,660.85 |
| Handy/Harman cents/troy oz | | 1,664.84 |

† week-on-week change

continued ➤

FOUNDRY INGOTS

| | Low | High |
|--------------------------|---------|---------|
| Aluminium | | |
| LM24, £/tonne | 1,620 | 1,665 |
| LM6/LM25, £/tonne | 1,820 | 1,865 |
| Aluminium Europe €/tonne | 1,802.5 | 1,852.5 |
| Phosphor Bronze | | |
| PB1 ex-works, £/tonne | 6,710 | |
| Zinc Alloy | | |
| ZL3, £/tonne | 2,877 | |

EXCHANGE RATES (CLOSING RATES)

| | |
|--------|--------|
| \$/£ | 1.41 |
| \$/yen | 107.67 |
| \$/€ | 1.23 |

Copyright © 2002-2018 Metal Bulletin

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

LONDON METAL EXCHANGE

High, low and average April (20 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

| | Jan-Apr 2018 | | April |
|----------------------------|--------------|----------|-----------|
| | Low | High | average |
| | \$ | \$ | \$ |
| Aluminium (\$) | | | |
| Cash | 1,966.5 | 2,600 | 2,245.80 |
| 3 months | 1,987.5 | 2,586.5 | 2,245.16 |
| Settlement | 1,967 | 2,602.5 | 2,246.40 |
| 3 months seller | 1,988 | 2,587 | 2,245.73 |
| Copper Grade A (\$) | | | |
| Cash | 6,499.5 | 7,202.25 | 6,838.06 |
| 3 months | 6,549 | 7,250.5 | 6,877.84 |
| Settlement | 6,500 | 7,202.5 | 6,838.55 |
| 3 months seller | 6,550 | 7,251 | 6,879.03 |
| Copper Grade A (£) | | | |
| Settlement | 4,568.46 | 5,316.28 | 4,859.38 |
| 3 months seller | 4,586.19 | 5,335.54 | 4,868.19 |
| Lead (\$) | | | |
| Cash | 2,300.25 | 2,682.75 | 2,356.95 |
| 3 months | 2,302.5 | 2,655.5 | 2,357.48 |
| Settlement | 2,300.5 | 2,683 | 2,357.38 |
| 3 months seller | 2,303 | 2,656 | 2,358.28 |
| Lead (£) | | | |
| Settlement | 1,633.54 | 1,928.42 | 1,675.09 |
| 3 months seller | 1,625.25 | 1,915.31 | 1,668.89 |
| Nickel (\$) | | | |
| Cash | 12,410 | 15,705 | 13,930.75 |
| 3 months | 12,465 | 15,785 | 13,963.5 |
| Settlement | 12,415 | 15,710 | 13,934.5 |
| 3 months seller | 12,470 | 15,790 | 13,970.75 |
| Tin (\$) | | | |
| Cash | 19,957.5 | 22,102.5 | 21,328.38 |
| 3 months | 19,912.5 | 21,907.5 | 21,152.75 |
| Settlement | 19,960 | 22,105 | 21,339.5 |
| 3 months seller | 19,925 | 21,910 | 21,167 |

| | Jan-Apr 2018 | | April |
|-----------------------------|--------------|---------|----------|
| | Low | High | average |
| | \$ | \$ | \$ |
| Zinc (\$) | | | |
| Cash | 3,097.5 | 3,617.5 | 3,190.48 |
| 3 months | 3,105.5 | 3,585.5 | 3,195.85 |
| Settlement | 3,098 | 3,618 | 3,190.93 |
| 3 months seller | 3,106 | 3,586 | 3,196.58 |
| Cobalt (\$) | | | |
| Cash | 75,250 | 95,250 | 90,612.5 |
| 3 months | 75,250 | 95,250 | 90,775 |
| Settlement | 75,500 | 95,500 | 90,862.5 |
| 3 months seller | 75,500 | 95,500 | 91,025 |
| Molybdenum (\$) | | | |
| Cash | 15,750 | 25,000 | 25,000 |
| 3 months | 15,750 | 25,000 | 25,000 |
| Settlement | 16,000 | 26,000 | 26,000 |
| 3 months seller | 16,000 | 26,000 | 26,000 |
| Aluminium Alloy (\$) | | | |
| Cash | 1,765 | 1,960 | 1,885.5 |
| 3 months | 1,785 | 1,970 | 1,897 |
| Settlement | 1,770 | 1,965 | 1,890.30 |
| 3 months seller | 1,790 | 1,975 | 1,902 |
| Nasaa (\$) | | | |
| Cash | 1,767.5 | 2,026.5 | 1,887.83 |
| 3 months | 1,804.5 | 2,060 | 1,921.75 |
| Settlement | 1,770 | 2,027 | 1,890.48 |
| 3 months seller | 1,807 | 2,065 | 1,926.5 |

LME SETTLEMENT CONVERSION RATES

| | |
|--------|--------|
| \$/£ | 1.41 |
| \$/yen | 107.67 |
| \$/€ | 1.23 |