



Prices

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NEW YORK FUTURES			
	Price	Change†	Assessed
Comex: Copper high grade cents/lb			
Settlement	257.05	-3.64% ▼	03 Jan 19
Open interest	234,235	6.67% ▲	02 Jan 19
Stocks (short ton)	109,145	-1.41% ▼	02 Jan 19
Comex: Gold \$/troy oz			
Settlement	1,291.80	1.14% ▲	03 Jan 19
Open interest	452,576	3.16% ▲	02 Jan 19
Stocks (troy oz)	8,434,261	0.83% ▲	02 Jan 19
Nymex: Palladium \$/troy oz			
Settlement	1,200.30	-4.24% ▼	03 Jan 19
Stocks (troy oz)	46,439	0.43% ▲	02 Jan 19
Nymex: Platinum \$/troy oz			
Settlement	794.5	-0.2% ▼	03 Jan 19
Stocks (troy oz)	173,474	0.14% ▲	02 Jan 19
Comex: Silver cents/troy oz			
Settlement	1,570.60	3.39% ▲	03 Jan 19
Open interest	181,253	2.9% ▲	02 Jan 19
SHANGHAI FUTURES			
	Price	Change†	Assessed
Aluminium yuan/tonne	13,345	-1.59% ▼	04 Jan 19
Copper yuan/tonne	47,230	-2.05% ▼	04 Jan 19
Nickel cathode yuan/tonne	89,800	2.21% ▲	04 Jan 19
Tin ingot yuan/tonne	142,570	0.54% ▲	04 Jan 19
Zinc yuan/tonne	20,950	-1.83% ▼	04 Jan 19
Steel rebar month 1 yuan/tonne	3,863	-0.18% ▼	04 Jan 19
Steel rebar month 2 yuan/tonne	3,589	0.98% ▲	04 Jan 19
Steel rebar month 3 yuan/tonne	3,554	1.57% ▲	04 Jan 19
Weekly stocks deliverable			
Aluminium (tonnes)	672,326	0.02% ▲	04 Jan 19
Copper (tonnes)	108,890	-8.25% ▼	04 Jan 19
Nickel cathode (tonnes)	14,881	-2.48% ▼	04 Jan 19
Tin ingot (tonnes)	8,467	2.37% ▲	04 Jan 19
Zinc (tonnes)	27,898	38.78% ▲	04 Jan 19
Steel rebar (tonnes)	0	0%	04 Jan 19
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	1,878.5-1,879	-0.09% ▼	04 Jan 19
Cash unofficial	1,807.5-1,809.5	-3.24% ▼	03 Jan 19
3 months official	1,861-1,862	0.26% ▲	04 Jan 19
3 months unofficial	1,804-1,806	-2.7% ▼	03 Jan 19
LME Tapo notional average price (NAP)	1,841.75	-4.97% ▼	03 Jan 19
LME stocks (tonnes)	1,278,500	0.9% ▲	03 Jan 19
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,400-1,420	-0.35% ▼	04 Jan 19
LME cash unofficial	1,392.5-1,402.5	-1.34% ▼	03 Jan 19
LME 3 months official	1,425-1,430	0.88% ▲	04 Jan 19
LME 3 months unofficial	1,420-1,430	0.71% ▲	03 Jan 19
LME stocks (tonnes)	10,880	-2.16% ▼	03 Jan 19

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,335-1,355	-1.47% ▼	04 Jan 19
LME cash unofficial	1,322-1,342	-3.41% ▼	03 Jan 19
LME 3 months official	1,370-1,390	-1.08% ▼	04 Jan 19
LME 3 months unofficial	1,370-1,390	-2.47% ▼	03 Jan 19
LME stocks (tonnes)	132,940	-0.29% ▼	03 Jan 19
Copper grade A \$			
LME cash official	5,838-5,840	-2.95% ▼	04 Jan 19
LME cash unofficial	5,712-5,714	-4.01% ▼	03 Jan 19
LME 3 months official	5,855-5,860	-2.78% ▼	04 Jan 19
LME 3 months unofficial	5,734-5,736	-3.95% ▼	03 Jan 19
LME Tapo notional average price (NAP)	5,825	-4.61% ▼	03 Jan 19
LME stocks (tonnes)	132,400	1.83% ▲	03 Jan 19
Lead \$			
LME cash official	1,935.5-1,936	-4.76% ▼	04 Jan 19
LME cash unofficial	1,923.5-1,925.5	-3.9% ▼	03 Jan 19
LME 3 months official	1,948-1,950	-4.37% ▼	04 Jan 19
LME 3 months unofficial	1,938-1,940	-3% ▼	03 Jan 19
LME stocks (tonnes)	107,300	-0.16% ▼	03 Jan 19
Nickel \$			
LME cash official	10,915-10,920	2.34% ▲	04 Jan 19
LME cash unofficial	10,670-10,680	0.26% ▲	03 Jan 19
LME 3 months official	10,990-11,000	2.64% ▲	04 Jan 19
LME 3 months unofficial	10,750-10,760	0.16% ▲	03 Jan 19
LME stocks (tonnes)	205,752	-1.04% ▼	03 Jan 19
Tin \$			
LME cash official	19,550-19,575	0.77% ▲	04 Jan 19
LME cash unofficial	19,475-19,500	-0.01% ▼	03 Jan 19
LME 3 months official	19,525-19,550	0.77% ▲	04 Jan 19
LME 3 months unofficial	19,450-19,475	0.06% ▲	03 Jan 19
LME stocks (tonnes)	1,605	-26.38% ▼	03 Jan 19
Zinc special high grade \$			
LME cash official	2,500-2,505	-1.55% ▼	04 Jan 19
LME cash unofficial	2,432.5-2,434.5	-3.76% ▼	03 Jan 19
LME 3 months official	2,431-2,433.5	-2.47% ▼	04 Jan 19
LME 3 months unofficial	2,360-2,362	-4.49% ▼	03 Jan 19
LME stocks (tonnes)	128,450	-1.34% ▼	03 Jan 19
Cobalt min 99.3%			
LME cash official	43,000-45,000	-20% ▼	04 Jan 19
LME 3 months official	43,000-45,000	-20% ▼	04 Jan 19
LME stocks (tonnes)	863	0%	03 Jan 19
Molybdenum \$			
LME cash official	24,000-26,000	0%	04 Jan 19
LME 3 months official	24,000-26,000	0%	04 Jan 19
LME stocks (tonnes)	0	0%	03 Jan 19

† week-on-week change

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	Price	Change	Assessed
Gold \$/troy oz			
London morning	1,287.95	1.33% ▲	03 Jan 19
London afternoon	1,290.45	1.77% ▲	03 Jan 19
Handy/Harman	1,290.45	1.77% ▲	03 Jan 19
Silver per troy oz			
London spot pence	1,237	3.78% ▲	03 Jan 19
London spot cents	1,553.5	3.19% ▲	03 Jan 19
Handy/Harman	1,568.30	2.93% ▲	03 Jan 19
Palladium \$/troy oz			
London morning	1,261	0.08% ▲	03 Jan 19
London afternoon	1,269	1.04% ▲	03 Jan 19
Platinum \$/troy oz			
London morning	797	0.13% ▲	03 Jan 19
London afternoon	794	0.13% ▲	03 Jan 19
Kuala Lumpur tin market			
Tin \$/tonne	19,600	0.51% ▲	04 Jan 19
ICDX			
Tin PB300 settlement price \$/tonne	19,450	1.65% ▲	27 Dec 18
Tin PB300 volume, tonnes	12	-72.73% ▼	27 Dec 18
RAND FIXING PRICES			
<i>Rand fixing prices per tonne for London Metal Exchange trade</i>			
	Price	Change [†]	Assessed
Copper	83,488.06	-4.16% ▼	04 Jan 19
Aluminium	26,862	-1.35% ▼	04 Jan 19
Lead	27,676.86	-5.96% ▼	04 Jan 19
Zinc	35,811.23	-2.7% ▼	04 Jan 19
Nickel	156,111.23	1.07% ▲	04 Jan 19
Tin	279,842.24	-0.48% ▼	04 Jan 19
EXCHANGE RATES			
	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.2670	-0.1% ▼	04 Jan 19
\$/¥	108.0100	-2.09% ▼	04 Jan 19
\$/€	1.1406	-0.37% ▼	04 Jan 19
Closing rates, midpoint			
\$/£	1.2600	-0.28% ▼	03 Jan 19
\$/¥	107.5650	-2.87% ▼	03 Jan 19
\$/€	1.1392	-0.1% ▼	03 Jan 19
£/€	1.1061	-0.18% ▼	03 Jan 19
\$/CNY	6.8720	0.02% ▲	03 Jan 19
BASE METALS ARBITRAGE			
	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-351.12*	-0.66% ▼	04 Jan 19
Import arbitrage, yuan/tonne	-2,416.10*	-0.54% ▼	04 Jan 19
Copper			
Import arbitrage, \$/tonne	-20.32*	-69.83% ▼	04 Jan 19
Import arbitrage, yuan/tonne	-139.85*	-69.79% ▼	04 Jan 19
Nickel			
Import arbitrage, \$/tonne	-163.30*	-517.22% ▼	04 Jan 19
Import arbitrage, yuan/tonne	-1,123.69*	-517.76% ▼	04 Jan 19
Zinc			
Import arbitrage, \$/tonne	66.76*	60.06% ▲	04 Jan 19
Import arbitrage, yuan/tonne	459.38*	60.26% ▲	04 Jan 19

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	130-175*	-12.86% ▼	07 Sep 18
Rotterdam, Grade A, cathode, cif, \$/tonne	40.0-50.0*	0%	31 Dec 18
Germany, Grade A, cathode, delivered, \$/tonne	85.0-95.0*	0%	31 Dec 18
North European warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	31 Dec 18
South European warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	31 Dec 18
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	65.0-70.0*	0%	31 Dec 18
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	67*	0%	21 Aug 18
Japan, copper, Grade A, cathode, cif, \$/tonne	80.0-90.0*	0%	31 Dec 18
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	85.0-90.0*	0%	31 Dec 18
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	70*	0%	21 Aug 18
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	15.0-20.0*	0%	31 Dec 18
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	15.0-20.0*	0%	31 Dec 18
Southeast Asia, Grade A cathode, cif, \$ per tonne	80.0-90.0*	0%	31 Dec 18
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	63.0-80.0*	7.52% ▲	04 Jan 19
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	79*	5.33% ▲	24 Aug 18
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	60.0-78.0*	8.66% ▲	04 Jan 19
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	79*	6.76% ▲	24 Aug 18
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	65.0-78.0*	8.33% ▲	04 Jan 19
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	60.0-65.0*	8.7% ▲	04 Jan 19
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	63.0-68.0*	7.38% ▲	04 Jan 19
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	68.0-80.0*	4.96% ▲	04 Jan 19
Taiwan, Grade A cathode, cif, \$ per tonne	73.0-90.0*	0%	31 Dec 18
MB free market US: High-grade cathode premium indicator, \$/tonne	154.3-165.3*	0%	31 Dec 18
United States warrants, Grade A cathode, \$/tonne	10.0-15.0*	0%	31 Dec 18
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	55.0-65.0*	0%	04 Jan 19
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot weighted average, \$/tonne	87*	2.35% ▲	24 Aug 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	70-85*	0%	31 Dec 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	90*	0%	21 Aug 18
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	8.0-20.0*	0%	31 Dec 18
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	8.0-20.0*	0%	31 Dec 18

† week-on-week change

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	Price	Change	Assessed
Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	95.0-105.0*	0%	31 Dec 18
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	99*	0%	21 Aug 18
Aluminium P1020A, Singapore, fob, \$/tonne	60.0-70.0*	0%	31 Dec 18
Aluminium P1020A, South Korea, fca, \$/tonne	80.0-95.0*	0%	31 Dec 18
Aluminium P1020A, Malaysia, fob, \$/tonne	60.0-70.0*	0%	31 Dec 18
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	31 Dec 18
Aluminium P1020A, Taiwan, cif, \$/tonne	70.0-80.0*	0%	31 Dec 18
Aluminium P1020A, Antwerp, in-warehouse duty-unpaid, \$/tonne	55.0-63.0*	0%	31 Dec 18
Aluminium P1020A, Antwerp, in-warehouse duty-paid, \$/tonne	110.0-118.0*	0%	31 Dec 18
Aluminium P1020A, Vlissingen, in-warehouse duty-unpaid, spot, \$/tonne	55.0-63.0*	0%	31 Dec 18
Aluminium P1020A, Vlissingen, in-warehouse duty-paid, spot, \$/tonne	110.0-118.0*	0%	31 Dec 18
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	160.0-170.0*	0%	31 Dec 18
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	160.0-170.0*	0%	31 Dec 18
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	80.0-90.0*	0%	31 Dec 18
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	65.0-75.0*	0%	04 Jan 19
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	123*	0%	20 Mar 18
Aluminium ingot ADC 12 ex-works China, duty-paid, yuan/tonne	13,600-14,000*	-0.36% ▼	02 Jan 19
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,600-1,630*	0%	02 Jan 19
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	83.0-85.0*	-18.45% ▼	04 Jan 19
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	110.0-120.0*	0%	04 Jan 19
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	450.0-480.0*	0%	04 Jan 19
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.188-0.193*	0%	04 Jan 19
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	31 Dec 18
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	260.0-270.0*	0%	31 Dec 18
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	160.0-170.0*	0%	31 Dec 18
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	300.0-330.0*	0%	04 Jan 19
Aluminium extrusion billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	490.0-520.0*	0%	04 Jan 19
Aluminium extrusion billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	490.0-540.0*	0%	04 Jan 19
Aluminium extrusion billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	490.0-510.0*	0%	04 Jan 19
Aluminium extrusion billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-210.0*	-6.98% ▼	21 Dec 18
Aluminium extrusion billet, cif Japan duty-unpaid over MJP and LME cash pay, \$/gross tonne	140.0-155.0*	1.72% ▲	19 Oct 18

	Price	Change	Assessed
Aluminium extrusion billet, cif Turkey (Marmara region) duty-paid over LME cash pay, \$/gross tonne	270.0-300.0*	0%	04 Jan 19
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	390.0-420.0*	-1.22% ▼	14 Dec 18
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	370.0-410.0*	-6.02% ▼	14 Dec 18
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	15.0-18.0*	22.22% ▲	14 Dec 18
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	14 Dec 18
Annual aluminium wheel alloy silicon 7 ingot cif main Japanese ports (Yokohama, Osaka, Nagoya) \$/tonne	105.0-120.0*	0%	09 Feb 18
Annual aluminium wheel alloy silicon 7 ingot cif main South Korean ports (Busan, Gwangyang, Incheon) \$/tonne	80.0-100.0*	0%	09 Feb 18
Lead			
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-15.0*	0%	31 Dec 18
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	0%	31 Dec 18
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	0%	31 Dec 18
Southeast Asia, min 99.97% cif, \$/tonne	60.0-75.0*	0%	31 Dec 18
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	31 Dec 18
Taiwan, 99.97% purity, cif, \$/tonne	40.0-85.0*	0%	31 Dec 18
Taiwan, 99.99% purity, cif, \$/tonne	135.0-145.0*	0%	31 Dec 18
India, 99.97% purity, cif, \$/tonne	40.0-100.0*	0%	31 Dec 18
India, 99.99% purity, cif, \$/tonne	140.0-160.0*	0%	31 Dec 18
South European warrants, 99.97% purity, in-warehouse, \$/tonne	15.0-30.0*	0%	31 Dec 18
Rotterdam, 99.97% purity, duty-paid fca, \$/tonne	65.0-75.0*	0%	31 Dec 18
Rotterdam, 99.99% purity, duty-paid fca, \$/tonne	165.0-170.0*	0%	31 Dec 18
Italy, 99.97% purity, duty-paid fca, \$/tonne	120.0-130.0*	0%	31 Dec 18
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	31 Dec 18
US lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	31 Dec 18
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	31 Dec 18
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	31 Dec 18
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	200.0-210.0*	0%	31 Dec 18
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	190*	2.7% ▲	21 Aug 18
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	190.0-200.0*	0%	31 Dec 18
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	185*	5.71% ▲	21 Aug 18
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	110-180*	0%	31 Dec 18
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	31 Dec 18
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	100-160*	0%	31 Dec 18
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	31 Dec 18
North European warrants, min 99.80%, in-warehouse, \$/tonne	190-230*	0%	31 Dec 18
uncut cathodes premium indicator	190.0-250.0*	0%	31 Dec 18

† week-on-week change

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	Price	Change	Assessed
4x4 cathodes premium indicator	450.0-500.0*	0%	31 Dec 18
briquettes premium indicator	235.0-265.0*	0%	31 Dec 18
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	35-45*	0%	31 Dec 18
Nickel briquette premium, delivered consumer works US, US cents per pound	24-28*	0%	31 Dec 18
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	500-550*	0%	31 Dec 18
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	450-500*	0%	31 Dec 18
Rotterdam spot premium 99.85% ingot, in-warehouse \$/tonne	275-300*	0%	31 Dec 18
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	15-30*	0%	31 Dec 18
Singapore spot premium, 99.9% ingots, in-warehouse \$/tonne	25-75*	0%	31 Dec 18
Singapore spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	250-300*	0%	31 Dec 18
Shanghai spot premium, 99.85% ingots, cif, \$/tonne	150-170*	0%	31 Dec 18
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	31 Dec 18
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	31 Dec 18
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	200-220*	0%	31 Dec 18
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	500-600*	0%	31 Dec 18
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	550-625*	0%	31 Dec 18
US New York spot, cents/lb	946-947	-1.76% ▼	25 Jun 18
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	10.0-25.0*	0%	31 Dec 18
MB EU: Special high grade, fca Rotterdam, \$/tonne	115.0-125.0*	0%	31 Dec 18
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	120.0-140.0*	0%	31 Dec 18
Malaysia fca, 99.995%, \$/tonne	125.0-145.0*	0%	31 Dec 18
Southeast Asia cif, 99.995%, \$/tonne	150.0-170.0*	0%	31 Dec 18
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	120.0-140.0*	0%	31 Dec 18
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	120*	41.18% ▲	21 Aug 18
Singapore, zinc premium, 99.995% purity, fca \$/tonne	125.0-145.0*	0%	31 Dec 18
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	160.0-170.0*	0%	31 Dec 18
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	147*	8.89% ▲	21 Aug 18
Shanghai 99.995% purity, cif \$/tonne	145.0-155.0*	3.45% ▲	31 Dec 18
Taiwan 99.995% purity SHG ingots, cif \$/tonne	160.0-170.0*	0%	31 Dec 18
India 99.995% purity, cif duty-unpaid \$/tonne	130.0-155.0*	0%	31 Dec 18
India 99.995% purity, cif duty-paid \$/tonne	235.0-255.0*	0%	31 Dec 18
Antwerp 99.995% purity, duty-paid fca \$/tonne	115.0-125.0*	0%	31 Dec 18
Italy 99.995% purity, duty-paid fca \$/tonne	140.0-145.0*	0%	31 Dec 18
Italy 99.995% purity, delivered duty-paid \$/tonne	185.0-195.0*	0%	31 Dec 18
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	31 Dec 18
MB US: Special high grade, \$/lb	0.085-0.093*	0%	31 Dec 18

BASE METALS			
	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,800.0-2,900.0*	-2.56% ▼	03 Jan 19
Alumina Index fob Australia	393.75*	-2.98% ▼	04 Jan 19
Alumina Index fob Brazil	8.5*		03 Jan 19
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	402.25*		04 Jan 19
Aluminium			
Shanghai bonded aluminium stocks, tonnes	4,500-5,000*	0%	04 Jan 19
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	03 Jan 19
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	03 Jan 19
Copper & Brass			
Producer premium			
Aurubis European Grade A cathode ex-works \$/tonne	86.0	0%	20 Oct 17
Codelco: Contract Grade A cathode (average)	98.0	11.36% ▲	26 Sep 18
Germany: (VDM) Electro, €/tonne wirebar (DEL):	5,206.4-5,234.7	-2.55% ▼	03 Jan 19
cathodes:	5,240.0-5,340.0	-2.76% ▼	19 Dec 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	100,396.770	-3.2% ▼	03 Dec 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.43-8.43*	-2.2% ▼	31 Dec 18
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	84.30-84.30*	-2.2% ▼	31 Dec 18
Shanghai bonded copper stocks, tonnes	423,000-428,000*	3.15% ▲	04 Jan 19
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	960-970*	0%	31 Dec 18
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	960-980*	0%	31 Dec 18
Shanghai bonded nickel stocks, tonnes	23,000-30,000*	-5.36% ▼	04 Jan 19
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	27-29*	0%	31 Dec 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	50-52*	0%	31 Dec 18
Lead			
Germany: (VDM) virgin soft, €/tonne	1,840-1,880	-1.59% ▼	19 Dec 18
Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne	20-40*	-33.33% ▼	28 Dec 18
Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	10-25*	-12.5% ▼	28 Dec 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	2,440-2,440	-3.17% ▼	19 Dec 18
UK: Special high grade, delivered monthly average price £/tonne	2,189*	-0.73% ▼	02 Jan 19
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	210-230*	22.22% ▲	28 Dec 18
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	5,600-5,800*	9.62% ▲	28 Dec 18
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	5,400-5,600*	10% ▲	28 Dec 18
Shanghai bonded zinc stocks, tonnes	54,300-61,300*	39.95% ▲	04 Jan 19

† week-on-week change

continued >



PRECIOUS METALS			
	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	1,420-1,520*	0%	04 Jan 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,480	0%	04 Jan 19
Engelhard base price: \$/troy oz	1,485	0%	04 Jan 19
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,266-1,279*	0.51% ▲	04 Jan 19
Engelhard base price: \$/troy oz	1,279	0.24% ▲	04 Jan 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,274	0%	04 Jan 19
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	794-805*	0.38% ▲	04 Jan 19
Engelhard base price: \$/troy oz	805	0.37% ▲	04 Jan 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	805	0.63% ▲	04 Jan 19
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	2,415-2,515*	0%	04 Jan 19
Engelhard base price: \$/troy oz	2,460	0%	04 Jan 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	2,460	0%	04 Jan 19
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	245-285*	0%	04 Jan 19
Engelhard base price: \$/troy oz	275	0%	04 Jan 19
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	270	0%	04 Jan 19
MINOR METALS			
	Price	Change [†]	Assessed
Antimony			
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam	7,900-8,100*	0%	04 Jan 19
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	7,700-7,900*	0%	04 Jan 19
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	49,000-49,500*	0%	02 Jan 19
Arsenic			
MB free market \$/lb	1.20-1.5*	0%	04 Jan 19
Bismuth			
MB free market \$/lb	3.40-3.80*	0%	04 Jan 19
MB China domestic, min 99.99%, yuan/tonne	47,000-49,000*	-1.03% ▼	04 Jan 19
Cadmium			
MB free market min 99.95% cents/lb	117-132*	0%	04 Jan 19
MB free market min 99.99% cents/lb	123-138*	0%	04 Jan 19
Chromium			
MB free market alumino-thermic min 99% \$/tonne	9,800-10,200*	-2.44% ▼	04 Jan 19
Cobalt			
MB free market high-grade \$/lb	25.5-27.25*	-2.76% ▼	04 Jan 19
MB free market low-grade \$/lb	25.75-27.25*	-2.75% ▼	04 Jan 19
MB high-grade, weighted average of all confirmed international trades, \$/lb	27*	-1.82% ▼	04 Jan 19
MB low-grade, weighted average of all confirmed international trades, \$/lb	28.72*	0%	28 Dec 18
MB China domestic, min 99.8% yuan/tonne	340,000-360,000*	0%	04 Jan 19
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	250,000-270,000*	0%	04 Jan 19

	Price	Change	Assessed
Gallium			
MB free market \$/kg	165-190*	0%	04 Jan 19
MB China domestic, min 99.99%, yuan/kg	1,060-1,120*	0%	02 Jan 19
Germanium			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	04 Jan 19
Germanium metal \$/kg Rotterdam	1,300-1,450*	0%	04 Jan 19
Germanium metal MB China domestic, min 99.99%, yuan/kg	8,000-8,500*	0%	02 Jan 19
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950-1,050*	0%	04 Jan 19
Indium			
MB free market \$/kg	230-245*	0%	04 Jan 19
MB China domestic, min 99.99% yuan/kg	1,480-1,520*	0%	02 Jan 19
Indium Corp ingots min 99.97% \$/kg fob	440	-40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,750-2,800*	0%	04 Jan 19
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,470-2,500*	-1.97% ▼	04 Jan 19
MB Chinese free market min 99% Mg, ex-works yuan/tonne	16,450-16,600*	-1.93% ▼	04 Jan 19
Manganese flake			
MB free market \$/tonne	2,100-2,200*	-2.27% ▼	04 Jan 19
Mercury			
MB free market \$ per flask	2,400-2,700*	0%	04 Jan 19
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	680-730*	-6.06% ▼	04 Jan 19
APR catalytic grade \$/kg Re	1,390-1,580*	0%	04 Jan 19
Selenium			
MB free market \$/lb	11.5-13.5*	-3.85% ▼	04 Jan 19
MB China domestic, min 99.9%, yuan/kg	180-240*	0%	04 Jan 19
Selenium dioxide, MB China domestic, min 98%, yuan/kg	105-110*	0%	14 Sep 18
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,840-1,920*	0%	04 Jan 19
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,780-1,850*	0%	04 Jan 19
US free market cents/lb	118-121*	-2.45% ▼	10 Dec 18
Export from mainland China min 98.5%, \$/tonne fob	1,550-1,610*	0%	04 Jan 19
Tellurium			
MB free market \$/kg	60-75*	0%	04 Jan 19
MB China domestic, min 99.99%, yuan/kg	480-500*	0%	04 Jan 19
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.40-4.90*	0%	02 Jan 19
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	1,045-1,350	0%	03 Jan 19
Rutile bulk conc min 95% TiO2 fob/Aus	1,000-1,050	0%	03 Jan 19
Ilmenite concentrate, 47-49% TiO2 cif China	164-180	0%	03 Jan 19

† week-on-week change

continued >



NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdc oxide			
Europe drummed molybdc oxide \$/lb Mo	11.80-11.90*	-2.07% ▼	04 Jan 19
US canned molybdc oxide \$/lb Mo	12.10-12.20*	-0.41% ▼	03 Jan 19
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	27.80-28*	-0.89% ▼	04 Jan 19
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	13.10-13.5*	0%	03 Jan 19
MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu	1,990-2,020*	-0.74% ▼	31 Oct 18
Tungsten			
European free market APT \$/mtu	270-280*	-0.9% ▼	04 Jan 19
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	272-285*	0%	02 Jan 19
MB Chinese free market concentrate 65% W03 in-warehouse China yuan/tonne	95,500-97,000*	0%	02 Jan 19
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	30.80-32.65*	0%	04 Jan 19
China export min 75% \$/kg W, fob China	33-34*	0%	02 Jan 19
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	68.5-70*	0%	03 Jan 19
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	74-76*	5.63% ▲	04 Jan 19
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	42-45*	-7.94% ▼	03 Jan 19
Vanadium pentoxide 98% min, fob, China \$/lb V2O5	14-16*	0%	03 Jan 19
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O5	15.5-16.5*	3.23% ▲	04 Jan 19
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	0.81*	0%	04 Jan 19
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.12*	0%	04 Jan 19
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,700-6,900*	0%	04 Jan 19
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,650-6,900*	0%	04 Jan 19
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.12*	-9.68% ▼	18 Dec 18
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si	0.97-1.03*	0%	04 Jan 19
0.10% C average 60-70% Cr	2.01-2.11	0%	28 Dec 18
European low carbon in-warehouse 0.06% C max - 65% Cr	2.02-2.14*	0%	28 Dec 18
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.03-1.22*	0%	28 Dec 18
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	0.81-0.85*	0%	03 Jan 19
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	0.78-0.80*	0%	03 Jan 19

	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	1.050-1.150*	0%	03 Jan 19
0.05% C - 65% min Cr	2.30-2.32*	0%	03 Jan 19
0.10% C - 62% min Cr	2-2.02*	0%	03 Jan 19
0.15% C - 60% min Cr	1.90-1.94*	0%	03 Jan 19
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	155*	0%	04 Jan 19
Turkish lumpy 40-42% cfr main Chinese ports	215-225*	0%	04 Jan 19
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,060-1,100*	0%	04 Jan 19
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,280-1,350*	0%	03 Jan 19
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.12-1.15*	0%	03 Jan 19
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	6,900-7,100*	-0.71% ▼	04 Jan 19
Manganese ore			
44% Mn, cif Tianjin \$/dmu of metal contained	6.81*	-0.58% ▼	04 Jan 19
37% Mn, fob Port Elizabeth \$/dmu of metal contained	5.42*	-3.56% ▼	04 Jan 19
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2.90-3.02*	1.54% ▲	03 Jan 19
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-250--120*	0%	31 Dec 18
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,230-1,280*	0%	04 Jan 19
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1-1.03*	0%	03 Jan 19
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,220-1,270*	-1.97% ▼	04 Jan 19
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,600-6,800*	-2.9% ▼	04 Jan 19
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	970-1,020*	0%	04 Jan 19
US free market \$/lb in-warehouse Pittsburgh	0.62-0.64*	0%	03 Jan 19
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	7,500-7,600*	-2.58% ▼	04 Jan 19
65% min Mn 16% min Si \$/tonne fob India	1,020-1,050*	0.49% ▲	04 Jan 19

† week-on-week change

continued >



CARBON STEEL - EUROPE			
	Price	Change [†]	Assessed
Northern Europe imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>			
Rebar	500-505*	0%	02 Jan 19
Wire rod (mesh quality)	520-530*	0%	02 Jan 19
Plate (8-40mm)	570-580*	0%	02 Jan 19
Hot rolled coil	480-490*	0%	02 Jan 19
Cold rolled coil	570-590*	0%	02 Jan 19
Hot-dip galvanized coil	600-620*	0%	02 Jan 19
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	470-500*	0%	02 Jan 19
Wire rod (mesh quality)	520-530*	0%	02 Jan 19
Plate (8-40mm)	560-570*	0%	02 Jan 19
Hot rolled coil	460-470*	0%	02 Jan 19
Cold rolled coil	560-570*	0%	02 Jan 19
Hot-dip galvanized coil	570-580*	0%	02 Jan 19
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	460-490*	0%	02 Jan 19
Wire rod (mesh quality)	480-500*	0%	02 Jan 19
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 Jan 19
Wire rod (mesh quality)	540-560*	0%	02 Jan 19
Sections (medium)	635-650*	0%	02 Jan 19
Beams	620-645*	0%	02 Jan 19
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	520-540*	0%	02 Jan 19
Wire rod (mesh quality)	540-560*	0%	02 Jan 19
Sections (medium)	630-650*	0%	02 Jan 19
Beams	630-645*	0%	02 Jan 19
Central Europe domestic € per tonne ex-works			
Hot rolled coil	510-520*	0%	02 Jan 19
Poland domestic zloty per tonne ex-works			
Rebar	2,260-2,340*	0%	04 Jan 19
Northern Europe € per tonne ex-works			
Plate (8-40mm)	580-600*	0%	02 Jan 19
Hot rolled coil	520-530*	0%	02 Jan 19
Cold rolled coil	600-625*	0%	02 Jan 19
Hot-dip galvanized coil	620-645*	0%	02 Jan 19
Southern Europe € per tonne ex-works			
Plate (8-40mm)	540-550*	0%	02 Jan 19
Hot rolled coil	470-500*	0%	02 Jan 19
Cold rolled coil	560-590*	0%	02 Jan 19
Hot-dip galvanized coil	560-590*	0%	02 Jan 19
CARBON STEEL - NORTH AFRICA			
	Price	Change [†]	Assessed
Algeria imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, EU origin, commercial-quality carbon steel, € per tonne cfr main port</i>			
Rebar	480-490*	0%	03 Oct 18

CARBON STEEL - CIS			
	Price	Change [†]	Assessed
CIS exports (Black Sea)			
<i>Metal Bulletin's appraisal of CIS mills' prices for export outside the CIS of commercial-quality carbon steel, \$ per tonne fob stowed main Black Sea port</i>			
Billet index	401*	-2.91% ▼	04 Jan 19
Slab	400-405*	-3.59% ▼	28 Dec 18
Rebar	450-460*	-1.09% ▼	28 Dec 18
Wire rod (mesh)	475-486*	-1.44% ▼	28 Dec 18
Heavy plate (10-50mm)	545-589*	0.44% ▲	28 Dec 18
Hot rolled coil	440-460*	-2.17% ▼	28 Dec 18
Cold rolled coil	530-555*	-0.46% ▼	28 Dec 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	35,500-35,500*	0%	28 Dec 18
Hot rolled sheet	39,200-40,000*	0%	28 Dec 18
Cold rolled sheet	46,500-47,000*	0%	28 Dec 18
Plate	39,500-40,000*	0%	28 Dec 18
CARBON STEEL - MIDDLE EAST			
	Price	Change [†]	Assessed
Turkish exports			
<i>Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i>			
Billet	420-425*	-1.74% ▼	03 Jan 19
Rebar	445-455*	-1.1% ▼	03 Jan 19
Wire rod (mesh quality)	480-485*	-1.03% ▼	03 Jan 19
Merchant bars	575-600*	0%	03 Jan 19
Structural pipe	590-600*	-1.65% ▼	12 Dec 18
Hot rolled coil	485-490*	0%	04 Jan 19
Hot dip galvanized	640-645*	-0.77% ▼	04 Jan 19
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	425-435*	-2.82% ▼	03 Jan 19
Rebar	530-545*	-2.27% ▼	16 Aug 18
Wire rod (mesh quality)	560-580*	-2.98% ▼	16 Aug 18
Hot rolled coil	500-510*	0%	04 Jan 19
Cold rolled coil	580-590*	0%	04 Jan 19
Hot dip galvanized	650-660*	0%	04 Jan 19
Prepainted galvanized	725-730*	0%	04 Jan 19
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	405-425*	-2.92% ▼	03 Jan 19
Hot rolled coil	460-480*	1.08% ▲	04 Jan 19
Cold rolled coil	560-580*	0%	04 Jan 19
UAE imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	460-470*	-2.11% ▼	02 Jan 19
Rebar	500-505*	-3.37% ▼	02 Jan 19
Hot rolled coil	500-520*	-3.32% ▼	02 Jan 19
Cold rolled coil	590-600*	0%	02 Jan 19
Hot dip galvanized coil	640-750*	0%	02 Jan 19
Saudi Arabia imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr</i>			
Rebar	570-575*	0%	26 Jun 18
Hot rolled coil	515-520*	-3.27% ▼	02 Jan 19
UAE domestic			
† week-on-week change			continued >



	Price	Change	Assessed
<i>Metal Bulletin's appraisal of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i>			
Rebar	1,888-1,899*	-5.47% ▼	02 Jan 19
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%	29 Aug 18
Hot rolled coil	595-600*	0%	29 Aug 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	375-390*	-1.29% ▼	02 Jan 19
Slab	365-370*	-5.16% ▼	02 Jan 19
Egyptian domestic			
<i>Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, £ per tonne ex-works</i>			
Rebar	11,830-11,850*	0%	03 Jan 19
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	435-440*	-1.13% ▼	03 Jan 19
CARBON STEEL - LATIN AMERICA			
	Price	Change†	Assessed
Latin American exports			
<i>Metal Bulletin's appraisal of Latin American mills' prices for export outside Latin America of commercial-quality carbon steel, \$ per tonne fob stowed main Latin American port</i>			
Billet	480-490*	0%	04 Jan 19
Slab, Brazil	430-475*	0%	04 Jan 19
Rebar	560-565*	0%	04 Jan 19
Wire rod mesh quality	560-580*	0%	04 Jan 19
Heavy plate over 10mm	595-610*	0%	04 Jan 19
Hot rolled coil (dry)	495-500*	-1% ▼	04 Jan 19
Cold rolled coil	625-630*	0%	04 Jan 19
Galvanized coil	800-810*	0%	04 Jan 19
South America imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, commercial-quality carbon steel, \$ per tonne cfr main ports</i>			
Plate	535-555*	0%	04 Jan 19
Hot rolled coil	520-530*	0%	04 Jan 19
Cold rolled coil	560-580*	0%	04 Jan 19
Galvanized coil	600-610*	0%	04 Jan 19
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%	14 Dec 18
Cold rolled coil	850-860*	0%	14 Dec 18
Galvanized coil	1,090-1,170*	0%	14 Dec 18
Rebar	850-860*	0%	14 Dec 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	2,600-2,700*	0%	04 Jan 19
Cold rolled coil	2,850-2,920*	0%	04 Jan 19
Hot dip galvanized coil	3,250-3,310*	0%	04 Jan 19
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,800-2,860*	0%	04 Jan 19

CARBON STEEL - NAFTA			
	Price	Change†	Assessed
US imports			
<i>Metal Bulletin's appraisal of prices for imported, non-Nafta origin, commercial-quality carbon steel, \$ per short ton cfr port Houston</i>			
Rebar	650-690*	0%	02 Jan 19
Merchant bars	770-800*	0%	28 Dec 18
Wire rod (low carbon)	744-762*	0%	26 Dec 18
Medium sections	780-820*	0%	27 Dec 18
Medium plate	880-900*	0%	26 Dec 18
Hot rolled coil (commodity)	660-720*	-1.43% ▼	26 Dec 18
Cold rolled coil	800-840*	-0.61% ▼	26 Dec 18
Hot dipped galvanized 0.012-0.015, G30	1,060-1,110*	0%	26 Dec 18
ERW linepipe (X42)	1,130-1,250*	-2.06% ▼	26 Dec 18
OCTG API5CT - casing J55	1,075-1,135*	0.68% ▲	26 Dec 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 Jan 19
Wire rod (mesh quality fob mill)	765-765*	0%	26 Dec 18
Plate (fob mill)	980-980*	-1.01% ▼	28 Dec 18
Hot rolled sheet index (fob mill)	726-726*	-0.22% ▼	03 Jan 19
Cold rolled sheet (fob mill)	840-840*	0%	03 Jan 19
Hot-dip galvanized (base) Midwest (fob mill)	840-840*	0%	03 Jan 19
OCTG API5CT - casing J55 (fob mill)	1,200-1,285*	1.43% ▲	26 Dec 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)	38.5-38.5*	0%	28 Dec 18
CARBON STEEL - ASIA			
	Price	Change†	Assessed
China exports			
<i>Metal Bulletin's appraisal of Chinese mills prices for export of commercial-quality carbon steel, \$ per tonne fob main China port</i>			
Rebar index	467-467*	-3.72% ▼	04 Jan 19
Wire rod (mesh quality)	485-490*	0%	02 Jan 19
Heavy plate	495-510*	-0.5% ▼	02 Jan 19
Hot rolled coil index	479-479*	-0.71% ▼	04 Jan 19
Cold rolled coil	525-535*	0%	02 Jan 19
Galvanized coil 1mm	545-550*	0%	02 Jan 19
Eastern China domestic			
<i>Metal Bulletin's appraisal of prices in eastern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	3,700-3,750*	-1.46% ▼	04 Jan 19
Wire rod (mesh)	3,680-3,780*	-3.24% ▼	04 Jan 19
Sections	3,750-3,780*	0%	04 Jan 19
Plate	3,750-3,770*	-1.18% ▼	04 Jan 19
Hot rolled coil (min 2mm)	3,640-3,650*	-1.22% ▼	04 Jan 19
Cold rolled coil (0.5 - 2 mm)	4,110-4,130*	-1.32% ▼	04 Jan 19
Hot-dip galvanized coil	4,240-4,270*	0.12% ▲	04 Jan 19
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	3,300-3,300*	-2.37% ▼	04 Jan 19
<i>Metal Bulletin's appraisal of prices in northern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Hot rolled coil	3,550-3,590*	-2.72% ▼	04 Jan 19
Rebar	3,600-3,650*	-0.41% ▼	04 Jan 19

† 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	4,100-4,140*	-3.06% ▼	04 Jan 19
Wire rod (mesh)	4,000-4,050*	-1.83% ▼	04 Jan 19
Sections	3,950-4,000*	0% ▲	04 Jan 19
Plate	3,930-4,020*	0.25% ▲	04 Jan 19
Hot rolled coil (min 2mm)	3,850-3,860*	-1.53% ▼	04 Jan 19
Cold rolled coil (0.5 - 2 mm)	4,190-4,250*	-1.29% ▼	04 Jan 19
Hot-dip galvanized coil	4,250-4,270*	0.95% ▲	04 Jan 19
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	450-455*	-1.84% ▼	04 Jan 19
Slab (Asia/East Asia)	430-440*	0% ▲	31 Dec 18
Hot rolled coil (Vietnam)	470-480*	0% ▲	31 Dec 18
Rebar (Singapore)	475-485*	0% ▲	31 Dec 18
Wire rod (low carbon)	498-505*	0% ▲	31 Dec 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	430-435*	0% ▲	04 Jan 19
Plate (12-40mm)	500-510*	0% ▲	04 Jan 19
Hot rolled coil (commodity)	480-500*	1.03% ▲	04 Jan 19
Hot-dip galvanized coil	690-700*	2.21% ▲	04 Jan 19
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)	530-540*	0.47% ▲	04 Jan 19
Hot rolled coil (commodity)	510-515*	0% ▲	04 Jan 19
Hot rolled coil (CR grade)	520-525*	0% ▲	04 Jan 19
Cold rolled	565-570*	0% ▲	04 Jan 19
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	31,100-31,300*	-0.32% ▼	04 Jan 19
Heavy plate	42,500-43,000*	0% ▲	04 Jan 19
Hot rolled coil	42,000-42,500*	0% ▲	04 Jan 19
Cold rolled coil	47,500-48,000*	0% ▲	04 Jan 19
DRI	20,400-20,600*	-1.91% ▼	04 Jan 19
Hot-dip galvanized coil	51,000-51,500*	0% ▲	04 Jan 19
Rebar	34,900-35,100*	0% ▲	04 Jan 19
STEELBENCHMARKER™ PRICES			
	Price	Change†	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	1,087	-2.77% ▼	10 Dec 18
Standard plate (\$/short ton)	986	-2.76% ▼	10 Dec 18
Hot rolled coil (\$/metric tonne)	846	-1.4% ▼	24 Dec 18
Hot rolled coil (\$/short ton)	767	-1.41% ▼	24 Dec 18
Cold rolled coil (\$/metric tonne)	974	-1.22% ▼	24 Dec 18
Cold rolled coil (\$/short ton)	883	-1.23% ▼	24 Dec 18
Region: Mainland China			
Rebar	485	-0.82% ▼	24 Dec 18
Standard plate	472	0.21% ▲	24 Dec 18
Hot rolled coil	461	0.66% ▲	24 Dec 18
Cold rolled coil	532	-0.75% ▼	24 Dec 18
Region: World export market			
Hot rolled coil (\$/metric tonne)	488	-4.69% ▼	24 Dec 18

STAINLESS STEEL			
	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	1,890-1,950*	-0.52% ▼	02 Jan 19
Grade 304 HR sheet	2,180-2,280*	-1.76% ▼	04 Jul 18
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	14,200-14,800*	0% ▲	02 Jan 19
Grade 430 2mm CR coil	8,150-8,200*	-1.21% ▼	02 Jan 19
EU export			
€/tonne fob N.European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,559-2,634*	-2.42% ▼	27 Jul 18
EU domestic			
2mm 304 cold rolled stainless sheet, €/tonne			
N.Europe Base price	925-985*	0% ▲	04 Jan 19
Alloy surcharge	1,242-1,294*	-5.58% ▼	04 Jan 19
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,270-1,320*	0% ▲	04 Jan 19
Alloy surcharge	1,935-2,004*	-4.39% ▼	04 Jan 19
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,050*	0% ▲	04 Jan 19
Alloy surcharge	1,523-1,580*	-6.28% ▼	04 Jan 19
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	110-110*	-3.51% ▼	10 Dec 18
Grade 316 coiled plate	159-159*	-2.45% ▼	10 Dec 18
Grade 304 cold rolled sheet	126-126*	0.8% ▲	26 Dec 18
Grade 316L cold rolled sheet	168-168*	0% ▲	26 Dec 18
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,109.47*	-0.3% ▼	31 Dec 18
CHINA IRON ORE			
<i>cfr main China port \$ per dry metric tonne</i>			
	Price	Change†	Assessed
Iron ore index (62% Fe)	73.10*	0.51% ▲	04 Jan 19
Iron ore pellet index cfr Qingdao (65% Fe)	121.38*	-0.85% ▼	04 Jan 19
Iron ore concentrate index cfr Qingdao (66% Fe)	92.76*	1.57% ▲	04 Jan 19
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1*	-9.09% ▼	02 Jan 19
COKING COAL			
<i>\$ per metric tonne</i>			
	Price	Change†	Assessed
Premium hard coking coal cfr China	202.05-202.05*	-0.37% ▼	04 Jan 19
Hard coking coal cfr China	191.49-191.49*	-0.94% ▼	04 Jan 19
Premium hard coking coal fob Australia	200.28-200.28*	-8.71% ▼	04 Jan 19
Hard coking coal fob Australia	182.83-182.83*	0% ▲	04 Jan 19
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,520-1,880*	0% ▲	04 Jan 19
65% CSR coke \$/tonne fob China	340-350*	-2.82% ▼	02 Jan 19
† 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	160-185*	-10.39% ▼	13 Dec 18
1&2 old steel	140-165*	-11.59% ▼	13 Dec 18
12A/C new production heavy and shovellable steel	180-205*	-9.41% ▼	13 Dec 18
12D new production heavy and shovellable steel	185-210*	-9.2% ▼	13 Dec 18
Bales and cuttings			
4A new steel bales	185-210*	-9.2% ▼	13 Dec 18
4C new steel bales	175-200*	-9.64% ▼	13 Dec 18
8A new loose light cuttings	170-200*	-9.76% ▼	13 Dec 18
8B new loose light cuttings	155-185*	-10.53% ▼	13 Dec 18
Turnings			
UK inter-merchant 7B heavy steel turnings	120-140*	-13.33% ▼	13 Dec 18
Cast iron			
9A/10 heavy and light cast iron	140-165*	-11.59% ▼	13 Dec 18
9B/C cylinder block scrap	160-185*	-10.39% ▼	13 Dec 18
11A cast iron borings	80-100*	-18.18% ▼	13 Dec 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	65-95*	0%	04 Jan 19
UK ferrous scrap export			
<i>MB assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	257-260*	-4.96% ▼	04 Jan 19
Shredded	262-265*	-4.87% ▼	04 Jan 19
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	318.39*	-2.26% ▼	04 Jan 19
HMS 1&2 (80:20 mix)	295-310*	-0.82% ▼	04 Jan 19
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	750-770*	-3.18% ▼	04 Jan 19
18/8 turnings	640-655*	-3% ▼	04 Jan 19
316 solids	1,210-1,270*	0%	04 Jan 19
316 turnings	1,030-1,080*	0%	04 Jan 19
12-13% Cr solids	190-220*	0%	04 Jan 19
16-17% Cr solids	240-270*	0%	04 Jan 19
Cif Europe stainless € per tonne			
18/8 solids	840-870*	0%	04 Jan 19
18/8 turnings	755-785*	0%	04 Jan 19
316 solids	1,400-1,430*	-3.41% ▼	04 Jan 19
316 turnings	1,260-1,290*	-3.23% ▼	04 Jan 19
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	258.16*	-2.98% ▼	04 Jan 19
HMS 1&2 (75:25 mix)	246-249*	-5.53% ▼	04 Jan 19
Shredded	256-259*	-7.04% ▼	04 Jan 19
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	271.15*	-4.92% ▼	04 Jan 19

	Price	Change	Assessed
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	279.61*	-4.85% ▼	04 Jan 19
HMS 1&2 (75:25 mix)	265-268*	-5.16% ▼	04 Jan 19
Shredded	284-286*	-3.72% ▼	04 Jan 19
Turkish domestic			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	280-290*	0%	31 Dec 18
Auto bundle scrap (Turkish lira/tonne)	1,480-1,590*	0%	31 Dec 18
USA export			
<i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	302*	0%	02 Jan 19
Shredded	307*	0%	02 Jan 19
USA domestic			
<i>AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	323.19*	-0.45% ▼	10 Dec 18
No1 busheling	401.46*	-0.12% ▼	10 Dec 18
Shredded	349.75*	-0.17% ▼	10 Dec 18
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,570-2,730*	0%	04 Jan 19
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	265-270*	-2.73% ▼	04 Jan 19
Vietnam import			
<i>\$/tonne cfr southern Vietnam</i>			
HMS 1&2	316-317*	0%	04 Jan 19
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	260.5	0.27% ▲	01 Dec 18
No E1 (old steel scrap)	227.80	-3.23% ▼	01 Dec 18
No E3 (old thick steel scrap)	255.60	0.08% ▲	01 Dec 18
No E40 (shredded steel scrap)	260	-0.88% ▼	01 Dec 18
No E5 (steel turnings)	208.30	-0.43% ▼	01 Dec 18
<i>MB assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	275-285	-2.61% ▼	19 Dec 18
No E8 (thin new production steel scrap)	275-285	0%	19 Dec 18
No E3 (old thick scrap)	270-280	-2.65% ▼	19 Dec 18
Italy domestic			
<i>MB assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	270	-1.79% ▼	19 Dec 18
No E8 (thin new production steel)	280	-0.86% ▼	19 Dec 18
SCRAP SUBSTITUTES			
	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	365-370*	-0.68% ▼	03 Jan 19
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	230-230*	0%	04 Jan 19
Pig iron fob Vitoria/Rio	335-340*	0%	04 Jan 19
Pig iron fob Ponta da Maderia	352-352*	1% ▲	04 Jan 19
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	365-365*	0%	04 Jan 19
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	365-370*	-1.34% ▼	03 Jan 19
Pig iron Black Sea	340-345*	-0.72% ▼	03 Jan 19
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	1,055-1,105*	0%	04 Jan 19
Cast	970-1,010*	0%	04 Jan 19
Mixed turnings 6%	820-870*	0%	04 Jan 19
Germany per 1000kg			
Pure cuttings	1,290-1,370	-1.48% ▼	03 Jan 19
Commercial cast	1,050-1,100	-3.15% ▼	03 Jan 19
H9 extrusions	1,640-1,740	0%	03 Jan 19
Alloy turnings	730-850	0%	03 Jan 19
<i>Source: VDM</i>			
France per 1000kg			
Pure cuttings	1,520-1,540	0%	18 Dec 18
Old rolled	600-640	1.64% ▲	18 Dec 18
Commercial cast	550-620	1.74% ▲	18 Dec 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,040-1,070	0%	21 Dec 18
Old mixed scrap	1,445-1,485	0%	21 Dec 18
Commercial cast	905-940	0%	21 Dec 18
<i>Source: Assomet</i>			
Copper			
Germany per 1000kg			
Copper wire (berry)	4,910-5,050	-1.78% ▼	03 Jan 19
Heavy copper	4,500-4,650	-2.87% ▼	03 Jan 19
Heavy brass	3,180-3,350	-2.54% ▼	03 Jan 19
Brass turnings (MS 58)	3,530-3,650	-2.58% ▼	03 Jan 19
Brass sheet (MS 63)	3,700-3,980	0%	27 Dec 18
<i>Source: Verein Deutscher Metallhandler</i>			
France per 1000kg			
Electro cuttings	4,850-4,900	-0.91% ▼	18 Dec 18
No 1 bright wire	4,700-4,750	-0.32% ▼	18 Dec 18
Mixed (96%)	4,350-4,400	-1.13% ▼	18 Dec 18
Brass plate cuttings 70/30	3,700-3,730	-0.54% ▼	18 Dec 18
Brass turnings	3,200-3,250	-1.98% ▼	18 Dec 18
Mixed brass	3,000-3,050	-1.63% ▼	18 Dec 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	4,885-5,045	-2.74% ▼	21 Dec 18
Enamelled wire EN 12861-S-Cu-3	4,763-4,925	-2.81% ▼	21 Dec 18
New from tubes, strips etc EN 12861-S-Cu-4	4,787-5,015	-2.78% ▼	21 Dec 18
Old from tubes, strips etc 12861-S-Cu-7	4,615-4,785	-2.89% ▼	21 Dec 18
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,835-3,950	-2.75% ▼	21 Dec 18
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,070-3,400	-3.29% ▼	21 Dec 18
Several 95% m/m 12861-S-Cu-Zn-7	3,120-3,200	-3.36% ▼	21 Dec 18
<i>Source: Assomet</i>			

STEELBENCHMARKER™ SCRAP PRICES			
	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	346	-1.42% ▼	24 Dec 18
Shredded scrap (\$/gross ton)**	352	-1.4% ▼	24 Dec 18
No 1 heavy melting scrap (\$/metric tonne)	320	-1.84% ▼	24 Dec 18
No 1 heavy melting scrap (\$/gross ton)	325	-1.81% ▼	24 Dec 18
No 1 busheling scrap (\$/metric tonne)	394	-0.76% ▼	24 Dec 18
No 1 busheling scrap (\$/gross ton)	400	-0.74% ▼	24 Dec 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	1,360-1,410*	0%	02 Jan 19
Commercial pure cuttings	1,020-1,050*	0%	02 Jan 19
Clean HE9 extrusions	1,340-1,390*	0%	02 Jan 19
Loose old rolled cuttings	710-730*	0%	02 Jan 19
Baled old rolled	780-800*	0%	02 Jan 19
Commercial cast	790-830*	0%	02 Jan 19
Cast wheels	1,200-1,225*	0%	02 Jan 19
Commercial turnings	585-615*	0%	02 Jan 19
Group 7 turnings	480-500*	0%	02 Jan 19
MB and LME aluminium scrap discounts			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	68-118*	-34.04% ▼	02 Jan 19
Commercial pure cuttings	428-458*	-9.78% ▼	02 Jan 19
Clean HE9 extrusions	88-138*	-29.81% ▼	02 Jan 19
Loose old rolled cuttings	388-408*	-17.43% ▼	02 Jan 19
Baled old rolled	318-338*	-20.39% ▼	02 Jan 19
Commercial cast	288-328*	-21.43% ▼	02 Jan 19
Cast wheels	-107--82*	800% ▲	02 Jan 19
Commercial turnings	503-533*	-13.95% ▼	02 Jan 19
Group 7 turnings	618-638*	-11.8% ▼	02 Jan 19
Titanium			
<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.90-1*	0%	02 Jan 19
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.85-0.90*	0%	02 Jan 19
Copper scrap discount			
<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	26-34*	-6.25% ▼	31 Dec 18

† week-on-week change

continued >



NON-FERROUS FOUNDRY INGOTS			
	Price	Change ¹	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,400-1,450*	0%	02 Jan 19
LM6/LM25 gravity diecasting ingot	1,690-1,770*	0%	02 Jan 19
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	1,550-1,590*	0.64% ▲	04 Jan 19
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.85-0.86*	-1.72% ▼	03 Jan 19
AFFIMET €/tonne			
AS12	3,619	-1.36% ▼	01 Jan 19
AS12 UN	2,605	6.98% ▲	01 Jan 19
AS9 U3	1,980	9.39% ▲	01 Jan 19
AS5 U3	2,330	7.87% ▲	01 Jan 19
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,220-2,320	0%	03 Jan 19
DIN 231	2,300-2,400	0%	03 Jan 19
DIN 311	2,280-2,380	0%	03 Jan 19
Aluminium bronze £/tonne UK			
AB1 ex-works	5,120	0%	18 Dec 18
AB2 ex-works	5,170	0%	18 Dec 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,230	0%	18 Dec 18
High tensile HTB1 ex-works	4,530	0%	18 Dec 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,860	0%	18 Dec 18
LG4 87/7/3/3 ex-works	5,750	0%	18 Dec 18
G1 1.15 PB ex-works	6,370	0%	18 Dec 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,920	0%	18 Dec 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,300	0%	18 Dec 18
15% P ex-works	6,350	0%	18 Dec 18
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,688	5.45% ▲	01 Dec 18
Brock Metal ZL5	2,717	5.47% ▲	01 Dec 18



Monthly averages: December

BASE METALS			
		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		61.84	72.11
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		117.22	128.33
Alumina			
Index fob Australia		411.45	
Copper			
US High-grade cathode premium indicator, \$/tonne		154.32	165.35
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	192.00	252.00
	4x4 cathodes	450.00	500.00
	Briquettes	235.00	265.00
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		424.00	474.00
Spot premium 99.85%, \$/tonne		275.00	300.00
Kuala Lumpur (ex-smelter), \$/tonne		19,233.50	
MINOR METALS			
Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		7,900.00	8,100.00
MMTA Standard grade II, \$/tonne		7,781.25	7,956.25
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		3.48	3.88
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		118.88	133.88
min 99.99%, in warehouse cents/lb		123.25	139.25
Cobalt			
MB free market			
High Grade, in warehouse, \$/lb		28.32	29.95
Low Grade, in warehouse, \$/lb		28.43	30.01
Germanium Dioxide			
MB free market min 99.99%, \$/kg		950.00	1,150.00
Rotterdam, \$/kg		1,300.00	1,450.00
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		230.00	254.38
Magnesium			
MB free market min 99.8%, \$/tonne		2,750.00	2,800.00
China free market min 99.8%, \$/tonne		2,642.50	2,657.50
Mercury			
MB free market			
min 99.99%, in warehouse, \$/flask		2,400.00	2,700.00

		Low	High
Selenium			
MB free market min 99.5% in warehouse, \$/lb		12.69	14.19
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne		1,840.00	1,920.00
Titanium			
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg		4.38	4.90
ORES & ALLOYS			
		Low	High
Molybdenum			
Free market in warehouse Europe drummed molybdic oxide \$/lb Mo		12.10	12.25
US canned molybdic oxide \$/lb Mo		12.18	12.33
Ferro-molybdenum			
basis 65% min, in-warehouse Rotterdam, \$/kg Mo		28.68	28.93
Tungsten			
European free market APT, \$/mtu		272.50	287.50
Ferro-tungsten			
basis 75% W min, \$/kg		31.40	32.89
Vanadium			
min 98%, in-warehouse Rotterdam, V2O5, \$/lb		19.25	20.00
Ferro-vanadium			
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V		85.63	89.50
US Free market 70-80%, \$/lb		48.88	52.00
PRECIOUS METALS			
Gold			
London \$/troy oz	Morning	1,249.89	
	Afternoon	1,247.92	
London £/troy oz	Morning	985.94	
	Afternoon	985.44	
\$/troy oz	Handy/Harman	1,250.40	
Palladium			
Morning \$/troy oz		1,246.00	
Afternoon \$/troy oz		1,247.12	
Platinum: per troy oz			
Morning \$/troy oz		793.05	
Afternoon \$/troy oz		790.53	
Rhodium			
European free market min 99.9% in-warehouse, \$/troy oz		2,475.53	2,575.53
Silver			
London			
spot pence/troy oz		1,158.95	
spot cents/troy oz		1,469.53	
Handy/Harman cents/troy oz		1,477.24	

† week-on-week change

continued >



FOUNDRY INGOTS			
	Low	High	
Aluminium			
LM24, £/tonne	1,400.00	1,452.50	
LM6/LM25, £/tonne	1,692.50	1,772.50	
Aluminium Europe €/tonne	1,512.50	1,552.50	
Phosphor Bronze			
PB1 ex-works, £/tonne	6,920.00		
Zinc Alloy			
ZL3, £/tonne	2,688.00		
EXCHANGE RATES (CLOSING RATES)			
\$/£	1.27		
\$/yen	112.29		
\$/€	1.14		
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Fastmarkets MB monthly average prices are calculated on those price quotations formulated during the month.			
LONDON METAL EXCHANGE			
High, low and average December (19 days)			
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.			
	Jan-Dec 2018 Low \$	High \$	December average \$
Aluminium (\$)			
Cash	1,869.00	2,600.00	1,931.00
3 months	1,845.75	2,586.50	1,928.26
Settlement	1,869.50	2,602.50	1,931.45
3 months seller	1,846.00	2,587.00	1,928.63
Copper Grade A (\$)			
Cash	5,822.50	7,262.00	6,093.51
3 months	5,848.50	7,267.00	6,099.38
Settlement	5,823.00	7,262.50	6,094.21
3 months seller	5,849.00	7,268.00	6,100.24
Copper Grade A (£)			
Settlement	4,465.44	5,421.80	4,805.36
3 months seller	4,463.76	5,402.51	4,789.04
Lead (\$)			
Cash	1,866.75	2,682.75	1,965.07
3 months	1,886.50	2,655.50	1,974.92
Settlement	1,867.00	2,683.00	1,965.47
3 months seller	1,887.00	2,656.00	1,975.58
Lead (£)			
Settlement	1,442.71	1,928.42	1,549.79
3 months seller	1,435.34	1,915.31	1,550.92
Nickel (\$)			
Cash	10,592.50	15,747.50	10,833.29
3 months	10,702.50	15,785.00	10,917.37
Settlement	10,595.00	15,750.00	10,836.84
3 months seller	10,720.00	15,790.00	10,923.68
Tin (\$)			
Cash	18,412.50	22,102.50	19,231.58
3 months	18,375.00	21,907.50	19,202.76
Settlement	18,425.00	22,105.00	19,242.63
3 months seller	18,400.00	21,910.00	19,218.68

	Jan-Dec 2018 Low \$	High \$	December average \$
Zinc (\$)			
Cash	2,286.00	3,617.50	2,624.87
3 months	2,310.50	3,585.50	2,549.88
Settlement	2,287.00	3,618.00	2,625.61
3 months seller	2,311.00	3,586.00	2,550.39
Cobalt (\$)			
Cash	44,750.00	95,250.00	54,894.74
3 months	45,250.00	95,250.00	54,894.74
Settlement	45,000.00	95,500.00	55,289.47
3 months seller	45,500.00	95,500.00	55,289.47
Molybdenum (\$)			
Cash	15,750.00	25,000.00	25,000.00
3 months	15,750.00	25,000.00	25,000.00
Settlement	16,000.00	26,000.00	26,000.00
3 months seller	16,000.00	26,000.00	26,000.00
Aluminium Alloy (\$)			
Cash	1,260.00	2,015.00	1,412.13
3 months	1,335.00	2,020.00	1,411.32
Settlement	1,265.00	2,020.00	1,416.89
3 months seller	1,340.00	2,025.00	1,417.11
Nasaa (\$)			
Cash	1,319.50	2,026.50	1,380.74
3 months	1,355.00	2,060.00	1,404.61
Settlement	1,320.00	2,027.00	1,384.63
3 months seller	1,360.00	2,065.00	1,410.79
LME SETTLEMENT CONVERSION RATES			
\$/£	1.27		
\$/yen	112.34		
\$/€	1.14		