

Prices

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NEW YORK FUTURES

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	272.10	2.12% ▲	20 Sep 18
Open interest	235,900	1.41% ▲	19 Sep 18
Stocks (short ton)	177,379	-3.24% ▼	19 Sep 18
Comex: Gold \$/troy oz			
Settlement	1,206.20	0.35% ▲	20 Sep 18
Open interest	474,414	0.62% ▲	19 Sep 18
Stocks (troy oz)	8,270,816	-0.67% ▼	19 Sep 18
Nymex: Palladium \$/troy oz			
Settlement	1,066.80	7% ▲	20 Sep 18
Stocks (troy oz)	47,047	0.89% ▲	19 Sep 18
Nymex: Platinum \$/troy oz			
Settlement	834.20	3.85% ▲	20 Sep 18
Stocks (troy oz)	184,228	0%	19 Sep 18
Comex: Silver cents/troy oz			
Settlement	1,421.5	0.51% ▲	20 Sep 18
Open interest	206,832	0.01% ▲	19 Sep 18

SHANGHAI FUTURES

	Price	Change [†]	Assessed
Aluminium yuan/tonne	14,690	1.31% ▲	21 Sep 18
Copper yuan/tonne	50,040	2.73% ▲	21 Sep 18
Nickel cathode yuan/tonne	105,050	2.04% ▲	21 Sep 18
Tin ingot yuan/tonne	146,650	3.13% ▲	21 Sep 18
Zinc yuan/tonne	22,430	4.3% ▲	21 Sep 18
Steel rebar month 1 yuan/tonne	4,564	-2.08% ▼	21 Sep 18
Steel rebar month 2 yuan/tonne	4,463	0.86% ▲	21 Sep 18
Steel rebar month 3 yuan/tonne	4,252	-3.41% ▼	21 Sep 18
Weekly stocks deliverable			
Aluminium (tonnes)	842,630	-1.3% ▼	21 Sep 18
Copper (tonnes)	111,029	-17.49% ▼	21 Sep 18
Nickel cathode (tonnes)	16,189	-4% ▼	21 Sep 18
Tin ingot (tonnes)	6,406	-4.87% ▼	21 Sep 18
Zinc (tonnes)	33,819	-9.18% ▼	21 Sep 18
Steel rebar (tonnes)	879	0%	21 Sep 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	2,032-2,034	0.88% ▲	21 Sep 18
Cash unofficial	2,018-2,020	-0.62% ▼	20 Sep 18
3 months official	2,066-2,067	0.63% ▲	21 Sep 18
3 months unofficial	2,048-2,050	-0.87% ▼	20 Sep 18
LME Tapo notional average price (NAP)	2,019.5	-0.47% ▼	20 Sep 18
LME stocks (tonnes)	1,022,450	-2.32% ▼	20 Sep 18
Aluminium alloy (A380. 1/DIN/D12S) \$			
LME cash official	1,460-1,470	-3.93% ▼	21 Sep 18
LME cash unofficial	1,510-1,520	-2.54% ▼	20 Sep 18
LME 3 months official	1,500-1,550	-3.48% ▼	21 Sep 18
LME 3 months unofficial	1,550-1,560	-1.58% ▼	20 Sep 18
LME stocks (tonnes)	13,600	0%	20 Sep 18

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,500-1,501	-4.2% ▼	21 Sep 18
LME cash unofficial	1,523.5-1,533.5	-4.65% ▼	20 Sep 18
LME 3 months official	1,530-1,550	-4.94% ▼	21 Sep 18
LME 3 months unofficial	1,550-1,560	-4.6% ▼	20 Sep 18
LME stocks (tonnes)	150,800	-1.04% ▼	20 Sep 18
Copper grade A \$			
LME cash official	6,202-6,203	4.31% ▲	21 Sep 18
LME cash unofficial	6,058.5-6,060.5	0.84% ▲	20 Sep 18
LME 3 months official	6,201.5-6,202	3.99% ▲	21 Sep 18
LME 3 months unofficial	6,073-6,075	0.81% ▲	20 Sep 18
LME Tapo notional average price (NAP)	5,924.43	0.57% ▲	20 Sep 18
LME stocks (tonnes)	216,600	-4.12% ▼	20 Sep 18
Lead \$			
LME cash official	1,995-1,995.5	-2.65% ▼	21 Sep 18
LME cash unofficial	1,990.5-1,992.5	-1.97% ▼	20 Sep 18
LME 3 months official	2,006-2,008	-2.57% ▼	21 Sep 18
LME 3 months unofficial	2,005-2,007	-2% ▼	20 Sep 18
LME stocks (tonnes)	117,025	-1.6% ▼	20 Sep 18
Nickel \$			
LME cash official	12,950-12,955	3.52% ▲	21 Sep 18
LME cash unofficial	12,545-12,555	-0.2% ▼	20 Sep 18
LME 3 months official	13,050-13,080	3.67% ▲	21 Sep 18
LME 3 months unofficial	12,630-12,640	-0.16% ▼	20 Sep 18
LME stocks (tonnes)	231,024	-1.1% ▼	20 Sep 18
Tin \$			
LME cash official	19,070-19,100	-0.27% ▼	21 Sep 18
LME cash unofficial	18,980-19,030	-0.37% ▼	20 Sep 18
LME 3 months official	19,020-19,030	-0.26% ▼	21 Sep 18
LME 3 months unofficial	18,925-18,975	-0.52% ▼	20 Sep 18
LME stocks (tonnes)	2,745	-3.51% ▼	20 Sep 18
Zinc special high grade \$			
LME cash official	2,440-2,441	4.87% ▲	21 Sep 18
LME cash unofficial	2,438.5-2,440.5	3.63% ▲	20 Sep 18
LME 3 months official	2,445-2,447	4.28% ▲	21 Sep 18
LME 3 months unofficial	2,448-2,450	3.51% ▲	20 Sep 18
LME stocks (tonnes)	210,100	-3.98% ▼	20 Sep 18
Cobalt min 99.3%			
LME cash official	61,500-62,000	-1.2% ▼	21 Sep 18
LME 3 months official	62,000-62,500	-1.19% ▼	21 Sep 18
LME stocks (tonnes)	723	2.41% ▲	20 Sep 18
Molybdenum \$			
LME cash official	24,000-26,000	0%	21 Sep 18
LME 3 months official	24,000-26,000	0%	21 Sep 18
LME stocks (tonnes)	0	0%	20 Sep 18

† week-on-week change

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	Price	Change	Assessed
Gold \$/troy oz			
London morning	1,203	-0.3%	▼ 20 Sep 18
London afternoon	1,208.35	-0.12%	▼ 20 Sep 18
Handy/Harman	1,208.35	-0.12%	▼ 20 Sep 18
Silver per troy oz			
London spot pence	1,075	-1.38%	▼ 20 Sep 18
London spot cents	1,423	0.04%	▲ 20 Sep 18
Handy/Harman	1,424	0%	20 Sep 18
Palladium \$/troy oz			
London morning	1,039	6.35%	▲ 20 Sep 18
London afternoon	1,050	6.92%	▲ 20 Sep 18
Platinum \$/troy oz			
London morning	822	2.24%	▲ 20 Sep 18
London afternoon	826	1.98%	▲ 20 Sep 18
Kuala Lumpur tin market			
Tin \$/tonne	19,000	0.16%	▲ 21 Sep 18
ICDX			
Tin PB300 settlement price \$/tonne	19,275	0.39%	▲ 21 Sep 18
Tin PB300 volume, tonnes	75	29.31%	▲ 21 Sep 18

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change†	Assessed
Copper	88,661.96	1.03%	▲ 21 Sep 18
Aluminium	29,072.78	-2.26%	▼ 21 Sep 18
Lead	28,522.48	-5.72%	▼ 21 Sep 18
Zinc	34,890.19	1.58%	▲ 21 Sep 18
Nickel	185,171	0.26%	▲ 21 Sep 18
Tin	273,003.94	-3.4%	▼ 21 Sep 18

EXCHANGE RATES

	Price	Change†	Assessed
LME settlement conversion rates			
\$/£	1.3173	0.67%	▲ 21 Sep 18
\$/¥	112.7000	0.75%	▲ 21 Sep 18
\$/€	1.1760	0.62%	▲ 21 Sep 18
Closing rates, midpoint			
\$/£	1.3253	1.21%	▲ 20 Sep 18
\$/¥	112.4450	0.53%	▲ 20 Sep 18
\$/€	1.1751	0.66%	▲ 20 Sep 18
£/€	1.1278	0.54%	▲ 20 Sep 18
\$/CNY	6.8527	0.07%	▲ 20 Sep 18

BASE METALS ARBITRAGE

	Price	Change†	Assessed
Aluminium			
Import arbitrage, \$/tonne	-395.73*	-2.48%	▼ 21 Sep 18
Import arbitrage, yuan/tonne	-2,711.80*	-2.69%	▼ 21 Sep 18
Copper			
Import arbitrage, \$/tonne	3.69*	-82.07%	▼ 21 Sep 18
Import arbitrage, yuan/tonne	25.31*	-82.1%	▼ 21 Sep 18
Nickel			
Import arbitrage, \$/tonne	178.05*	-27.6%	▼ 21 Sep 18
Import arbitrage, yuan/tonne	1,220.11*	-27.75%	▼ 21 Sep 18
Zinc			
Import arbitrage, \$/tonne	86.15*	-50.52%	▼ 21 Sep 18
Import arbitrage, yuan/tonne	590.35*	-50.62%	▼ 21 Sep 18

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

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	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%	18 Sep 18
Germany, Grade A, cathode, delivered, \$/tonne	90.0-95.0*	0%	18 Sep 18
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	18 Sep 18
South European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	18 Sep 18
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	60.0-70.0*	-3.7%	▼ 18 Sep 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*	21.43%	▲ 18 Sep 18
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	80.0-90.0*	21.43%	▲ 18 Sep 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	10.0-15.0*	66.67%	▲ 18 Sep 18
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	10.0-15.0*	66.67%	▲ 18 Sep 18
Southeast Asia, Grade A cathode, cif, \$ per tonne	85.0-100.0*	8.82%	▲ 18 Sep 18
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	100.0-120.0*	15.79%	▲ 21 Sep 18
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	100.0-115.0*	16.22%	▲ 21 Sep 18
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	79*	6.76%	▲ 24 Aug 18
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	105.0-115.0*	15.79%	▲ 21 Sep 18
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	100.0-105.0*	15.82%	▲ 21 Sep 18
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	100.0-115.0*	19.44%	▲ 21 Sep 18
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	110.0-120.0*	15%	▲ 21 Sep 18
Taiwan, Grade A cathode, cif, \$ per tonne	85.0-100.0*	15.62%	▲ 18 Sep 18
MB free market US: High-grade cathode premium indicator, \$/tonne	154.3-165.3*	0%	18 Sep 18
United States warrants, Grade A cathode, \$/tonne	10.0-15.0*	0%	18 Sep 18
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	85.0-95.0*	0%	21 Sep 18
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	85-95*	0%	18 Sep 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	8.0-25.0*	65%	▲ 18 Sep 18
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	8.0-25.0*	65%	▲ 18 Sep 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%	18 Sep 18
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	99*	0%	21 Aug 18
Aluminium P1020A, Singapore, fob, \$/tonne	80.0-95.0*	2.94% ▲	18 Sep 18
Aluminium P1020A, South Korea, fca, \$/tonne	90.0-115.0*	2.5% ▲	18 Sep 18
Aluminium P1020A, Malaysia, fob, \$/tonne	80.0-95.0*	2.94% ▲	18 Sep 18
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	18 Sep 18
Aluminium P1020A, Taiwan, cif, \$/tonne	85.0-105.0*	-5% ▼	18 Sep 18
Aluminium P1020A, Antwerp, in-warehouse duty-unpaid, \$/tonne	85.0-93.0*	0%	18 Sep 18
Aluminium P1020A, Antwerp, in-warehouse duty-paid, \$/tonne	155.0-163.0*	0%	18 Sep 18
Aluminium P1020A, Vlissingen, in-warehouse duty-unpaid, spot, \$/tonne	85.0-93.0*	0%	18 Sep 18
Aluminium P1020A, Vlissingen, in-warehouse duty-paid, spot, \$/tonne	155.0-163.0*	0%	18 Sep 18
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	210.0-220.0*	0%	18 Sep 18
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	200.0-220.0*	0%	18 Sep 18
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	110.0-120.0*	-4.17% ▼	18 Sep 18
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	90.0-105.0*	5.41% ▲	21 Sep 18
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	15,000-15,300*	-0.66% ▼	19 Sep 18
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,800-1,830*	-0.82% ▼	19 Sep 18
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	132.0-132.0*	2.33% ▲	28 Jun 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	155.0-165.0*	0%	21 Sep 18
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	480.0-520.0*	0%	21 Sep 18
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.205-0.210*	0%	21 Sep 18
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	18 Sep 18
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	320.0-370.0*	0%	18 Sep 18
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	180.0-190.0*	0%	18 Sep 18
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	290.0-330.0*	0%	14 Sep 18
Aluminium extrusion billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	520.0-560.0*	0%	21 Sep 18
Aluminium extrusion billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	530.0-560.0*	0.93% ▲	21 Sep 18
Aluminium extrusion billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	530.0-550.0*	0%	14 Sep 18
Aluminium extrusion billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-200.0*	-17.02% ▼	31 Aug 18
Aluminium extrusion billet, cif Japan duty-unpaid over MJP and LME cash pay, \$/gross tonne	140.0-150.0*	0%	20 Jul 18

	Price	Change	Assessed
Aluminium extrusion billet, cif Turkey (Marmara region) duty-paid over LME cash pay, \$/gross tonne	270.0-300.0*	0%	14 Sep 18
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	420.0-460.0*	0%	14 Sep 18
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	430.0-480.0*	0%	14 Sep 18
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	14.0-15.0*	0%	14 Sep 18
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	14 Sep 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%	18 Sep 18
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	20.0-30.0*	66.67% ▲	18 Sep 18
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	33.33% ▲	18 Sep 18
Southeast Asia, min 99.97% cif, \$/tonne	70.0-90.0*	0%	18 Sep 18
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	18 Sep 18
Taiwan, 99.97% purity, cif, \$/tonne	60.0-100.0*	0%	18 Sep 18
Taiwan, 99.99% purity, cif, \$/tonne	135.0-150.0*	0%	18 Sep 18
India, 99.97% purity, cif, \$/tonne	60.0-110.0*	-19.05% ▼	18 Sep 18
India, 99.99% purity, cif, \$/tonne	140.0-160.0*	0%	18 Sep 18
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	18 Sep 18
Rotterdam, 99.97% purity, duty-paid fca, \$/tonne	65.0-75.0*	0%	18 Sep 18
Rotterdam, 99.99% purity, duty-paid fca, \$/tonne	165.0-170.0*	1.52% ▲	18 Sep 18
Italy, 99.97% purity, duty-paid fca, \$/tonne	110.0-120.0*	0%	18 Sep 18
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	18 Sep 18
US lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	18 Sep 18
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	18 Sep 18
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	18 Sep 18
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	200.0-210.0*	0%	18 Sep 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	200.0-210.0*	0%	18 Sep 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	90-160*	0%	18 Sep 18
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	18 Sep 18
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	90-160*	0%	18 Sep 18
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	18 Sep 18
North European warrants, min 99.80%, in-warehouse, \$/tonne	190-230*	0%	18 Sep 18
uncut cathodes premium indicator	210.0-250.0*	4.55% ▲	18 Sep 18

† week-on-week change

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	Price	Change	Assessed
4x4 cathodes premium indicator	420.0-480.0*	9.76% ▲	18 Sep 18
briquettes premium indicator	245.0-275.0*	0%	18 Sep 18
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	35-45*	0%	18 Sep 18
Nickel briquette premium, delivered consumer works US, US cents per pound	25-35*	0%	18 Sep 18
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	500-550*	-1.87% ▼	18 Sep 18
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	290-325*	-1.6% ▼	18 Sep 18
Rotterdam spot premium 99.85% ingot, in-warehouse \$/tonne	275-300*	0%	18 Sep 18
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	20-35*	0%	18 Sep 18
Singapore spot premium, 99.9% ingots, in-warehouse \$/tonne	-25-25*	-100% ▼	18 Sep 18
Singapore spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	250-300*	0%	18 Sep 18
Shanghai spot premium, 99.85% ingots, cif, \$/tonne	150-170*	0%	18 Sep 18
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	18 Sep 18
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	18 Sep 18
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	220-240*	0%	18 Sep 18
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	500-600*	0%	18 Sep 18
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	550-625*	0%	18 Sep 18
US New York spot, cents/lb	946-947	-1.76% ▼	25 Jun 18
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	15.0-25.0*	33.33% ▲	18 Sep 18
MB EU: Special high grade, fca Rotterdam, \$/tonne	115.0-125.0*	0%	18 Sep 18
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	135.0-155.0*	3.57% ▲	18 Sep 18
Malaysia fca, 99.995%, \$/tonne	140.0-160.0*	0%	18 Sep 18
Southeast Asia cif, 99.995%, \$/tonne	145.0-175.0*	8.47% ▲	18 Sep 18
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	135.0-155.0*	3.57% ▲	18 Sep 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	140.0-160.0*	0%	18 Sep 18
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	250.0-260.0*	37.84% ▲	18 Sep 18
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	147*	8.89% ▲	21 Aug 18
Shanghai 99.995% purity, cif \$/tonne	220.0-230.0*	42.86% ▲	18 Sep 18
Taiwan 99.995% purity SHG ingots, cif \$/tonne	140.0-150.0*	0%	18 Sep 18
India 99.995% purity, cif duty-unpaid \$/tonne	115.0-135.0*	0%	18 Sep 18
India 99.995% purity, cif duty-paid \$/tonne	220.0-245.0*	0%	18 Sep 18
Antwerp 99.995% purity, duty-paid fca \$/tonne	115.0-125.0*	0%	18 Sep 18
Italy 99.995% purity, duty-paid fca \$/tonne	145.0-155.0*	0%	18 Sep 18
Italy 99.995% purity, delivered duty-paid \$/tonne	180.0-195.0*	0%	18 Sep 18
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	18 Sep 18
MB US: Special high grade, \$/lb	0.085-0.093*	0%	18 Sep 18

BASE METALS

	Price	Change*	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	3,100.0-3,300.0*	-3.03% ▼	20 Sep 18
Alumina Index fob Australia	567.68*	-11.74% ▼	21 Sep 18
Alumina Index fob Brazil	8.75*		13 Sep 18
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	576.43*		21 Sep 18
Aluminium			
Shanghai bonded aluminium stocks, tonnes	4,500-5,500*	0%	03 Sep 18
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	1.33% ▲	13 Sep 18
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	13 Sep 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):	5,206.9-5,287.6	1.38% ▲	19 Sep 18
cathodes:	5,230.0-5,290.0	1.94% ▲	19 Sep 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	98,252.380	2.02% ▲	03 Sep 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.40-8.40*	0%	14 Sep 18
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	84-84*	0%	14 Sep 18
Shanghai bonded copper stocks, tonnes	461,500-472,500*	0%	10 Sep 18
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,065-1,080*	-1.15% ▼	18 Sep 18
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,060-1,080*	-2.73% ▼	18 Sep 18
Shanghai bonded nickel stocks, tonnes	47,000-54,000*	6.32% ▲	03 Sep 18
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	30-31*	-3.17% ▼	18 Sep 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	56-57*	-1.74% ▼	18 Sep 18
Lead			
Germany: (VDM) virgin soft, €/tonne	1,910-1,960	2.11% ▲	19 Sep 18
Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne	15-30*	28.57% ▲	31 Aug 18
Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	15-30*	12.5% ▲	31 Aug 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	2,220-2,220	0.91% ▲	19 Sep 18
UK: Special high grade, delivered monthly average price £/tonne	2,096*	-2.83% ▼	03 Sep 18
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	80-95*	25% ▲	31 Aug 18
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	4,100-4,200*	12.16% ▲	31 Aug 18
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	4,000-4,100*	15.71% ▲	31 Aug 18
Shanghai bonded zinc stocks, tonnes	97,000-102,000*	-29.68% ▼	03 Sep 18

† 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*	2.08% ▲	21 Sep 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,460	0.69% ▲	21 Sep 18
Engelhard base price: \$/troy oz	1,460	0%	21 Sep 18
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,050-1,063*	7.15% ▲	21 Sep 18
Engelhard base price: \$/troy oz	1,061	6.96% ▲	21 Sep 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,063	7.16% ▲	21 Sep 18
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	826-842*	3.03% ▲	21 Sep 18
Engelhard base price: \$/troy oz	840	3.45% ▲	21 Sep 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	842	3.57% ▲	21 Sep 18
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	2,500-2,600*	6.25% ▲	21 Sep 18
Engelhard base price: \$/troy oz	2,570	5.98% ▲	21 Sep 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	2,555	5.58% ▲	21 Sep 18
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	250-290*	1.89% ▲	21 Sep 18
Engelhard base price: \$/troy oz	270	1.89% ▲	21 Sep 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	262	0%	21 Sep 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	8,500-8,700*	0%	21 Sep 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,450-8,650*	-0.58% ▼	21 Sep 18
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	52,500-53,000*	0%	19 Sep 18
Arsenic			
MB free market \$/lb	1.20-1.5*	0%	14 Sep 18
Bismuth			
MB free market \$/lb	4-4.60*	0%	21 Sep 18
MB China domestic, min 99.99%, yuan/tonne	55,000-56,000*	-1.77% ▼	21 Sep 18
Cadmium			
MB free market min 99.95% cents/lb	120-135*	0%	21 Sep 18
MB free market min 99.99% cents/lb	125-140*	0%	21 Sep 18
Chromium			
MB free market alumino-thermic min 99% \$/tonne	11,350-12,000*	-1.27% ▼	21 Sep 18
Cobalt			
MB free market high-grade \$/lb	33.60-34.5*	0.44% ▲	21 Sep 18
MB free market low-grade \$/lb	33.5-34.25*	0.44% ▲	21 Sep 18
MB high-grade, weighted average of all confirmed international trades, \$/lb	34.32*	-0.03% ▼	21 Sep 18
MB low-grade, weighted average of all confirmed international trades, \$/lb	33.71*	-0.59% ▼	21 Sep 18
MB China domestic, min 99.8% yuan/tonne	485,000-510,000*	0.51% ▲	21 Sep 18
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	320,000-340,000*	0%	21 Sep 18

	Price	Change	Assessed
Gallium			
MB free market \$/kg	200-215*	2.47% ▲	21 Sep 18
MB China domestic, min 99.99%, yuan/kg	1,350-1,380*	3.02% ▲	19 Sep 18
Germanium			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	21 Sep 18
Germanium metal \$/kg Rotterdam	1,280-1,450*	0%	21 Sep 18
Germanium metal MB China domestic, min 99.99%, yuan/kg	8,200-8,500*	0%	19 Sep 18
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950-1,050*	0%	14 Sep 18
Indium			
MB free market \$/kg	240-270*	0%	21 Sep 18
MB China domestic, min 99.99% yuan/kg	1,400-1,450*	-3.39% ▼	19 Sep 18
Indium Corp ingots min 99.97% \$/kg fob	440	-40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,550-2,650*	1.96% ▲	21 Sep 18
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,650-2,680*	0%	21 Sep 18
MB Chinese free market min 99% Mg, ex-works yuan/tonne	17,600-17,700*	0%	21 Sep 18
Manganese flake			
MB free market \$/tonne	2,700-2,800*	1.85% ▲	21 Sep 18
Mercury			
MB free market \$ per flask	2,750-3,100*	0%	14 Sep 18
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	726-755*	0%	14 Sep 18
APR catalytic grade \$/kg Re	1,440-1,580*	0%	14 Sep 18
Selenium			
MB free market \$/lb	14.5-16*	3.39% ▲	21 Sep 18
MB China domestic, min 99.9%, yuan/kg	180-245*	1.19% ▲	21 Sep 18
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	1,950-2,050*	-2.44% ▼	21 Sep 18
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,930-2,020*	-1.99% ▼	21 Sep 18
US free market cents/lb	127-129*	-3.76% ▼	10 Sep 18
Export from mainland China min 98.5%, \$/tonne fob	1,630-1,710*	0.91% ▲	21 Sep 18
Tellurium			
MB free market \$/kg	60-80*	0%	21 Sep 18
MB China domestic, min 99.99%, yuan/kg	460-480*	2.17% ▲	21 Sep 18
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	5.70-6.05*	-0.84% ▼	19 Sep 18
Titanium ores \$/tonne			
Rutile conc min 95% Tio2 bagged, fob/Aus	1,050-1,300	0%	20 Sep 18
Rutile bulk conc min 95% Tio2 fob/Aus	930-1,050	0%	20 Sep 18
Ilmenite concentrate, 47-49% Tio2 cif China	160-180	-2.86% ▼	20 Sep 18

† week-on-week change

continued ➤

NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdc oxide			
Europe drummed molybdc oxide \$/lb Mo	11.80-12*	-3.45%	▼ 21 Sep 18
US canned molybdc oxide \$/lb Mo	12.10-12.25*	-0.61%	▼ 20 Sep 18
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	28.80-29*	-2.36%	▼ 21 Sep 18
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	13.20-13.5*	0%	20 Sep 18
MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu	1,890-1,920*	0%	19 Sep 18
Tungsten			
European free market APT \$/mtu	275-290*	0%	21 Sep 18
Export from mainland China APT Chinese No1 grade, min 88.5% WO3, S/mtu fob	280-286*	0.18%	▲ 19 Sep 18
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	100,000-101,000*	1.01%	▲ 19 Sep 18
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	34-35.5*	-1.42%	▼ 21 Sep 18
China export min 75% \$/kg W, fob China	33-35.5*	-2.14%	▼ 19 Sep 18
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	97-104*	16.18%	▲ 20 Sep 18
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	101-105*	8.99%	▲ 21 Sep 18
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	42.80-45*	9.75%	▲ 20 Sep 18
Vanadium pentoxide 98% min, fob, China \$/lb V2O5	21-25*	17.95%	▲ 20 Sep 18
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O5	22.25-23*	14.56%	▲ 21 Sep 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	0.83*	0%	21 Sep 18
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.19*	-1.65%	▼ 21 Sep 18
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,000-7,200*	2.9%	▲ 21 Sep 18
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,550-6,800*	0%	21 Sep 18
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.38*	-2.82%	▼ 02 Jul 18
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si	1.20-1.30*	-3.85%	▼ 21 Sep 18
0.10% C average 60-70% Cr	2.23-2.33*	-1.94%	▼ 21 Sep 18
European low carbon in-warehouse 0.06% C max - 65% Cr	2.26-2.37*	-1.49%	▼ 21 Sep 18
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.25-1.35*	-7.14%	▼ 21 Sep 18
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	0.89-0.93*	2.25%	▲ 20 Sep 18
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	0.85-0.89*	2.35%	▲ 20 Sep 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	1.350-1.430*	-0.71%	▼ 20 Sep 18
0.05% C - 65% min Cr	2.35-2.40*	0%	20 Sep 18
0.10% C - 62% min Cr	2.08-2.10*	-0.48%	▼ 20 Sep 18
0.15% C - 60% min Cr	2.03-2.07*	-0.49%	▼ 20 Sep 18
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	162*	1.89%	▲ 21 Sep 18
Turkish lumpy 40-42% cfr main Chinese ports	220-230*	2.27%	▲ 21 Sep 18
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	950-1,000*	0%	21 Sep 18
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,300-1,400*	-1.82%	▼ 20 Sep 18
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.14-1.16*	0%	20 Sep 18
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	7,300-7,500*	-2.63%	▼ 21 Sep 18
Manganese ore			
44% Mn, cif Tianjin \$/dmtu of metal contained	7.09*	0.57%	▲ 21 Sep 18
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	6.01*	0.67%	▲ 21 Sep 18
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2.72-2.82*	0.18%	▲ 19 Sep 18
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-300--200*	-1100%	▼ 28 Aug 18
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,300-1,350*	-3.11%	▼ 21 Sep 18
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1.07-1.10*	0%	20 Sep 18
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,320-1,370*	0%	21 Sep 18
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,700-7,000*	0%	21 Sep 18
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	950-1,000*	0%	21 Sep 18
US free market \$/lb in-warehouse Pittsburgh	0.61-0.66*	-2.31%	▼ 20 Sep 18
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	8,400-8,700*	0%	21 Sep 18
65% min Mn 16% min Si \$/tonne fob India	1,070-1,100*	0.93%	▲ 21 Sep 18

[†] week-on-week change

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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	500-505*	0%	19 Sep 18
Wire rod (mesh quality)	520-530*	0%	19 Sep 18
Plate (8-40mm)	590-600*	0%	19 Sep 18
Hot rolled coil	520-530*	-1.87% ▼	19 Sep 18
Cold rolled coil	605-620*	0%	19 Sep 18
Hot-dip galvanized coil	650-660*	-1.5% ▼	19 Sep 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	490-500*	0%	19 Sep 18
Wire rod (mesh quality)	520-530*	0%	19 Sep 18
Plate (8-40mm)	590-600*	0%	19 Sep 18
Hot rolled coil	510-520*	-3.74% ▼	19 Sep 18
Cold rolled coil	610-630*	0%	19 Sep 18
Hot-dip galvanized coil	650-660*	-1.5% ▼	19 Sep 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	480-495*	-0.51% ▼	19 Sep 18
Wire rod (mesh quality)	510-515*	0%	19 Sep 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	560-570*	-0.44% ▼	19 Sep 18
Wire rod (mesh quality)	550-560*	0%	19 Sep 18
Sections (medium)	650-670*	0%	19 Sep 18
Beams	630-640*	0%	19 Sep 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	530-545*	-0.46% ▼	19 Sep 18
Wire rod (mesh quality)	540-560*	0%	19 Sep 18
Sections (medium)	630-650*	0%	19 Sep 18
Beams	630-640*	0%	19 Sep 18
Central Europe domestic € per tonne ex-works			
Hot rolled coil	540-550*	-2.68% ▼	19 Sep 18
Poland domestic zloty per tonne ex-works			
Rebar	2,360-2,390*	0%	21 Sep 18
Northern Europe € per tonne ex-works			
Plate (8-40mm)	630-645*	0.39% ▲	19 Sep 18
Hot rolled coil	570-580*	-0.86% ▼	19 Sep 18
Cold rolled coil	640-650*	-2.27% ▼	19 Sep 18
Hot-dip galvanized coil	640-670*	-2.24% ▼	19 Sep 18
Southern Europe € per tonne ex-works			
Plate (8-40mm)	600-610*	0%	19 Sep 18
Hot rolled coil	530-550*	-3.57% ▼	19 Sep 18
Cold rolled coil	610-630*	-2.36% ▼	19 Sep 18
Hot-dip galvanized coil	640-650*	-0.77% ▼	19 Sep 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	480-490*	-0.51% ▼	19 Sep 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	480*	0.42% ▲	21 Sep 18
Slab	485-490*	-2.01% ▼	17 Sep 18
Rebar	515-520*	0%	17 Sep 18
Wire rod (mesh)	560-560*	1.36% ▲	17 Sep 18
Heavy plate (10-50mm)	610-630*	-0.08% ▼	17 Sep 18
Hot rolled coil	530-545*	-0.46% ▼	17 Sep 18
Cold rolled coil	610-615*	-0.41% ▼	17 Sep 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	42,000-46,000*	0%	17 Sep 18
Hot rolled sheet	44,600-47,600*	0%	17 Sep 18
Cold rolled sheet	52,000-52,500*	0%	17 Sep 18
Plate	43,000-44,900*	0%	17 Sep 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	485-490*	-1.52% ▼	20 Sep 18
Rebar	510-515*	-0.97% ▼	20 Sep 18
Wire rod (mesh quality)	540-570*	-1.77% ▼	20 Sep 18
Merchant bars	560-575*	0%	20 Sep 18
Structural pipe	630-650*	0.39% ▲	12 Sep 18
Hot rolled coil	570-575*	0.88% ▲	21 Sep 18
Hot dip galvanized	710-715*	1.06% ▲	21 Sep 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	483-490*	-1.22% ▼	20 Sep 18
Rebar	530-545*	-2.27% ▼	16 Aug 18
Wire rod (mesh quality)	560-580*	-2.98% ▼	16 Aug 18
Hot rolled coil	570-580*	-0.43% ▼	21 Sep 18
Cold rolled coil	660-665*	0%	21 Sep 18
Hot dip galvanized	735-750*	0%	21 Sep 18
Prepainted galvanized	810-830*	0%	21 Sep 18
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	485-500*	0.51% ▲	20 Sep 18
Hot rolled coil	550-560*	0%	21 Sep 18
Cold rolled coil	620-625*	-0.4% ▼	21 Sep 18
UAE imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	510-520*	0%	18 Sep 18
Rebar	545-550*	0%	18 Sep 18
Hot rolled coil	600-605*	0.25% ▲	18 Sep 18
Cold rolled coil	670-680*	0%	18 Sep 18
Hot dip galvanized coil	745-820*	-0.95% ▼	18 Sep 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%	26 Jun 18
Hot rolled coil	610-615*	0%	18 Sep 18

† week-on-week change

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	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	2,082-2,088*	0%	18 Sep 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%	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	460-465*	0%	19 Sep 18
Slab	480-485*	-3.02%	▼ 19 Sep 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	12,180-12,198*	0%	20 Sep 18
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	495-500*	0%	20 Sep 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	480-490*	-2.02%	▼ 21 Sep 18
Slab, Brazil	500-530*	0%	21 Sep 18
Rebar	560-565*	0%	21 Sep 18
Wire rod mesh quality	595-600*	0%	21 Sep 18
Heavy plate over 10mm	640-650*	0%	21 Sep 18
Hot rolled coil (dry)	605-610*	0.83%	▲ 21 Sep 18
Cold rolled coil	670-675*	0%	21 Sep 18
Galvanized coil	800-810*	0%	21 Sep 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%	21 Sep 18
Hot rolled coil	610-630*	0%	21 Sep 18
Cold rolled coil	650-660*	0%	21 Sep 18
Galvanized coil	700-730*	-2.39%	▼ 21 Sep 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	725-755*	0%	14 Sep 18
Cold rolled coil	825-860*	0%	14 Sep 18
Galvanized coil	1,035-1,170*	0%	14 Sep 18
Rebar	820-860*	0%	14 Sep 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	2,800-2,900*	0.88%	▲ 07 Sep 18
Cold rolled coil	3,050-3,200*	0.81%	▲ 07 Sep 18
Hot dip galvanized coil	3,500-3,600*	0%	07 Sep 18
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,550-2,675*	-1.97%	▼ 07 Sep 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	676-700*	0%	19 Sep 18
Merchant bars	640-680*	0%	24 Aug 18
Wire rod (low carbon)	744-762*	0%	12 Sep 18
Medium sections	900-920*	3.41%	▲ 23 Aug 18
Medium plate	900-920*	0%	19 Sep 18
Hot rolled coil (commodity)	760-820*	1.28%	▲ 19 Sep 18
Cold rolled coil	880-920*	0%	19 Sep 18
Hot dipped galvanized 0.012-0.015, G30	1,140-1,150*	0%	19 Sep 18
ERW linepipe (X42)	1,130-1,230*	3.06%	▲ 28 Aug 18
OCTG API5CT - casing J55	1,120-1,150*	-3.61%	▼ 28 Aug 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%	19 Sep 18
Wire rod (mesh quality fob mill)	765-765*	0%	12 Sep 18
Plate (fob mill)	970-970*	0%	14 Sep 18
Hot rolled sheet index (fob mill)	831-831*	-0.02%	▼ 20 Sep 18
Cold rolled sheet (fob mill)	960-960*	-1.03%	▼ 20 Sep 18
Hot-dip galvanized (base) Midwest (fob mill)	960-960*	-2.04%	▼ 20 Sep 18
OCTG API5CT - casing J55 (fob mill)	1,250-1,350*	-1.89%	▼ 28 Aug 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%	24 Aug 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	569-569*	-0.54%	▼ 21 Sep 18
Wire rod (mesh quality)	585-595*	-0.42%	▼ 18 Sep 18
Heavy plate	595-605*	-0.41%	▼ 18 Sep 18
Hot rolled coil index	566-566*	-0.68%	▼ 21 Sep 18
Cold rolled coil	605-615*	-0.81%	▼ 18 Sep 18
Galvanized coil 1mm	660-670*	-1.48%	▼ 18 Sep 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	4,530-4,580*	0.77%	▲ 21 Sep 18
Wire rod (mesh)	4,550-4,600*	1.1%	▲ 21 Sep 18
Sections	4,250-4,300*	0%	21 Sep 18
Plate	4,350-4,440*	0.46%	▲ 21 Sep 18
Hot rolled coil (min 2mm)	4,290-4,310*	-0.69%	▼ 21 Sep 18
Cold rolled coil (0.5 - 2 mm)	4,820-4,900*	0.31%	▲ 21 Sep 18
Hot-dip galvanized coil	5,020-5,090*	0.2%	▲ 21 Sep 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	3,990-3,990*	-0.75%	▼ 21 Sep 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	4,200-4,250*	-0.82%	▼ 21 Sep 18
Rebar	4,330-4,430*	0%	21 Sep 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	4,700-4,800*	1.6% ▲	21 Sep 18
Wire rod (mesh)	4,650-4,700*	1.08% ▲	21 Sep 18
Sections	4,350-4,400*	0%	21 Sep 18
Plate	4,570-4,640*	-0.32% ▼	21 Sep 18
Hot rolled coil (min 2mm)	4,340-4,360*	-1.47% ▼	21 Sep 18
Cold rolled coil (0.5 - 2 mm)	4,830-4,860*	-0.72% ▼	21 Sep 18
Hot-dip galvanized coil	5,110-5,130*	0.1% ▲	21 Sep 18
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	525-535*	-0.19% ▼	21 Sep 18
Slab (Asia/East Asia)	520-535*	0%	17 Sep 18
Hot rolled coil (Vietnam)	580-585*	-0.68% ▼	17 Sep 18
Rebar (Singapore)	535-545*	0%	17 Sep 18
Wire rod (low carbon)	600-610*	0%	17 Sep 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%	21 Sep 18
Plate (12-40mm)	600-605*	-0.41% ▼	21 Sep 18
Hot rolled coil (commodity)	550-580*	-3% ▼	21 Sep 18
Hot-dip galvanized coil	760-770*	-1.29% ▼	21 Sep 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)	645-650*	0%	21 Sep 18
Hot rolled coil (commodity)	620-625*	0%	21 Sep 18
Hot rolled coil (CR grade)	620-625*	0%	21 Sep 18
Cold rolled	640-645*	0%	21 Sep 18
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	35,300-35,500*	-2.75% ▼	21 Sep 18
Heavy plate	45,000-45,500*	0%	21 Sep 18
Hot rolled coil	45,500-46,000*	0%	21 Sep 18
Cold rolled coil	50,500-51,000*	0%	21 Sep 18
DRI	26,100-26,300*	-1.87% ▼	21 Sep 18
Hot-dip galvanized coil	54,000-54,500*	0%	21 Sep 18
Rebar	39,000-39,200*	-0.76% ▼	21 Sep 18

STEELBENCHMARKER™ PRICES

	Price	Change†	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	1,091	0.09% ▲	10 Sep 18
Standard plate (\$/short ton)	990	0.1% ▲	10 Sep 18
Hot rolled coil (\$/metric tonne)	968	-1.33% ▼	10 Sep 18
Hot rolled coil (\$/short ton)	878	-1.35% ▼	10 Sep 18
Cold rolled coil (\$/metric tonne)	1,057	-0.66% ▼	10 Sep 18
Cold rolled coil (\$/short ton)	959	-0.72% ▼	10 Sep 18
Region: Mainland China			
Rebar	559	0.72% ▲	10 Sep 18
Standard plate	556	0%	10 Sep 18
Hot rolled coil	540	-0.37% ▼	10 Sep 18
Cold rolled coil	608	0.16% ▲	10 Sep 18
Region: World export market			
Hot rolled coil (\$/metric tonne)	588	-1.01% ▼	10 Sep 18

STAINLESS STEEL

	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,125-2,180*	-0.69% ▼	19 Sep 18
Grade 304 HR sheet	2,180-2,280*	-1.76% ▼	04 Jul 18
China domestic			
yuan/tonne, in-warehouse			
Grade 304 2mm CR coil	15,600-15,900*	0.64% ▲	19 Sep 18
Grade 430 2mm CR coil	8,400-8,450*	0%	19 Sep 18
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 steel, €/tonne			
N.Europe Base price	950-1,020*	-1.01% ▼	21 Sep 18
Alloy surcharge	1,503-1,523*	0%	21 Sep 18
2mm 316 cold rolled stainless steel, €/tonne			
Base price	1,270-1,320*	0%	21 Sep 18
Alloy surcharge	2,251-2,286*	0%	21 Sep 18
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,080*	0%	21 Sep 18
Alloy surcharge	1,848-1,904*	0%	21 Sep 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	122-122*	-2.01% ▼	10 Sep 18
Grade 316 coiled plate	176-176*	-0.57% ▼	10 Sep 18
Grade 304 cold rolled sheet	138-138*	-1.78% ▼	10 Sep 18
Grade 316L cold rolled sheet	186-186*	-0.54% ▼	10 Sep 18
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,361.23*	-1.26% ▼	17 Sep 18

CHINA IRON ORE

<i>cfr main China port \$ per dry metric tonne</i>			
	Price	Change†	Assessed
Iron ore index (62% Fe)	69.13*	2.14% ▲	21 Sep 18
Iron ore pellet index cfr Qingdao (65% Fe)	161.37*	-0.09% ▼	21 Sep 18
Iron ore concentrate index cfr Qingdao (66% Fe)	101.18*	0.84% ▲	21 Sep 18
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.11*	-10.48% ▼	03 Sep 18

COKING COAL

<i>\$ per metric tonne</i>			
	Price	Change†	Assessed
Premium hard coking coal cfr China	216.13-216.13*	2.31% ▲	21 Sep 18
Hard coking coal cfr China	194.88-194.88*	0.14% ▲	21 Sep 18
Premium hard coking coal fob Australia	204.92-204.92*	-0.79% ▼	21 Sep 18
Hard coking coal fob Australia	180.71-180.71*	0%	21 Sep 18
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,410-1,750*	-0.32% ▼	21 Sep 18
65% CSR coke \$/tonne fob China	375-380*	-1.31% ▼	18 Sep 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	180-205*	-4.94% ▼	13 Sep 18
1&2 old steel	160-185*	-5.48% ▼	13 Sep 18
12A/C new production heavy and shovellable steel	200-225*	-4.49% ▼	13 Sep 18
12D new production heavy and shovellable steel	205-230*	-4.4% ▼	13 Sep 18
Bales and cuttings			
4A new steel bales	205-230*	-4.4% ▼	13 Sep 18
4C new steel bales	195-220*	-4.6% ▼	13 Sep 18
8A new loose light cuttings	190-220*	-4.65% ▼	13 Sep 18
8B new loose light cuttings	175-205*	-5% ▼	13 Sep 18
Turnings			
UK inter-merchant 7B heavy steel turnings	140-160*	-6.25% ▼	13 Sep 18
Cast iron			
9A/10 heavy and light cast iron	160-185*	-5.48% ▼	13 Sep 18
9B/C cylinder block scrap	180-205*	-4.94% ▼	13 Sep 18
11A cast iron borings	100-120*	-8.33% ▼	13 Sep 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	85-115*	0%	21 Sep 18
UK ferrous scrap export			
<i>MB assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	298-300*	0.67% ▲	21 Sep 18
Shredded	303-305*	0.66% ▲	21 Sep 18
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	357.49*	0.27% ▲	21 Sep 18
HMS 1&2 (80:20 mix)	325-350*	0.75% ▲	21 Sep 18
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	880-930*	0%	21 Sep 18
18/8 turnings	750-790*	0%	21 Sep 18
12-13% Cr solids	195-240*	0%	21 Sep 18
16-17% Cr solids	240-280*	0%	21 Sep 18
Cif Europe stainless € per tonne			
18/8 solids	1,060-1,100*	0.47% ▲	21 Sep 18
18/8 turnings	945-990*	0%	21 Sep 18
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	297.71*	0.76% ▲	21 Sep 18
HMS 1&2 (70:30 mix)	293-295*	1.38% ▲	21 Sep 18
Shredded	303-305*	1.33% ▲	21 Sep 18
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	318.91*	1.51% ▲	21 Sep 18
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	327.64*	1.02% ▲	21 Sep 18
HMS 1&2 (75:25 mix)	312-314*	1.29% ▲	21 Sep 18
Shredded	322-324*	-0.62% ▼	21 Sep 18

	Price	Change	Assessed
Turkish domestic			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	320-320*	6.67% ▲	17 Sep 18
Auto bundle scrap (Turkish lira/tonne)	1,925-2,050*	5.44% ▲	17 Sep 18
USA export			
<i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	298*	0%	19 Sep 18
Shredded	303*	0%	19 Sep 18
USA domestic			
<i>AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	293.46*	-8.08% ▼	10 Sep 18
No1 busheling	372.79*	-5% ▼	10 Sep 18
Shredded	320.17*	-6.23% ▼	10 Sep 18
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,640-2,770*	0%	21 Sep 18
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	330-333*	1.22% ▲	21 Sep 18
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	267.5	-0.93% ▼	01 Aug 18
No E1 (old steel scrap)	237.30	-1.7% ▼	01 Aug 18
No E3 (old thick steel scrap)	260.80	-1.92% ▼	01 Aug 18
No E40 (shredded steel scrap)	266	-2.06% ▼	01 Aug 18
No E5 (steel turnings)	215.5	-1.73% ▼	01 Aug 18
<i>MB assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	280-290	-0.87% ▼	14 Sep 18
No E8 (thin new production steel scrap)	275-285	-3.45% ▼	14 Sep 18
No E3 (old thick scrap)	270-285	-2.63% ▼	14 Sep 18
Italy domestic			
<i>MB assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	270	-3.45% ▼	14 Sep 18
No E8 (thin new production steel)	280	-4.96% ▼	14 Sep 18

SCRAP SUBSTITUTES

	Price	Change†	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	385-390*	0%	20 Sep 18
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	230-240*	0%	21 Sep 18
Pig iron fob Vitoria/Rio	355-360*	0%	21 Sep 18
Pig iron fob Ponta da Maderia	360-380*	-2.63% ▼	21 Sep 18
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	380-385*	-1.29% ▼	21 Sep 18
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	385-390*	-1.27% ▼	20 Sep 18
Pig iron Black Sea	365-370*	-0.68% ▼	20 Sep 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	1,050-1,100*	-5.7%	▼ 21 Sep 18
Cast	980-1,030*	-4.74%	▼ 21 Sep 18
Mixed turnings 6%	850-900*	-5.91%	▼ 21 Sep 18
Germany per 1000kg			
Pure cuttings	1,290-1,370	-2.21%	▼ 19 Sep 18
Commercial cast	1,110-1,230	-2.5%	▼ 19 Sep 18
H9 extrusions	1,670-1,770	-1.71%	▼ 19 Sep 18
Alloy turnings	800-920	-3.37%	▼ 19 Sep 18

Source: VDM

France per 1000kg

Pure cuttings	1,520-1,550	-4.66%	▼ 18 Sep 18
Old rolled	650-680	0%	18 Sep 18
Commercial cast	750-820	0%	18 Sep 18

Source: Lettre d'Information Metaux

Italy per 1000kg

Pure cuttings	1,085-1,115	-1.79%	▼ 14 Sep 18
Old mixed scrap	1,490-1,535	-0.82%	▼ 14 Sep 18
Commercial cast	935-965	-1.55%	▼ 14 Sep 18

Source: Assomet

Copper**Germany per 1000kg**

Copper wire (berry)	4,900-5,080	2.46%	▲ 19 Sep 18
Heavy copper	4,540-4,590	2.7%	▲ 19 Sep 18
Heavy brass	3,170-3,410	2.49%	▲ 19 Sep 18
Brass turnings (MS 58)	3,560-3,670	1.4%	▲ 19 Sep 18
Brass sheet (MS 63)	3,680-3,820	1.9%	▲ 19 Sep 18

Source: Verein Deutscher Metallhandler

France per 1000kg

Electro cuttings	4,600-4,630	0%	18 Sep 18
No 1 bright wire	4,130-4,180	0%	18 Sep 18
Mixed (96%)	4,000-4,140	0%	18 Sep 18
Brass plate cuttings 70/30	3,450-3,550	0%	18 Sep 18
Brass turnings	3,250-3,300	0%	18 Sep 18
Mixed brass	2,800-2,850	0%	18 Sep 18

Source: Lettre d'Information Metaux

Italy per 1000kg

Electrolytic dd EN 12861-S-Cu-2	4,785-4,945	0.93%	▲ 14 Sep 18
Enamelled wire EN 12861-S-Cu-3	4,663-4,825	0.96%	▲ 14 Sep 18
New from tubes, strips etc EN 12861-S-Cu-4	4,687-4,915	0.95%	▲ 14 Sep 18
Old from tubes, strips etc 12861-S-Cu-7	4,515-4,685	0.99%	▲ 14 Sep 18
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,710-3,825	0.27%	▲ 14 Sep 18
Mixed from valves/taps EN 12861-S-Cu-Zn-6	2,945-3,275	0.32%	▲ 14 Sep 18
Several 95% m/m 12861-S-Cu-Zn-7	2,995-3,075	0.33%	▲ 14 Sep 18

Source: Assomet

STEEL BENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne) **	325	-5.52%	▼ 10 Sep 18
Shredded scrap (\$/gross ton) **	330	-5.71%	▼ 10 Sep 18
No 1 heavy melting scrap (\$/metric tonne)	300	-6.25%	▼ 10 Sep 18
No 1 heavy melting scrap (\$/gross ton)	305	-6.15%	▼ 10 Sep 18
No 1 busheling scrap (\$/metric tonne)	379	-5.01%	▼ 10 Sep 18
No 1 busheling scrap (\$/gross ton)	385	-4.94%	▼ 10 Sep 18

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

UK NON-FERROUS SCRAP

	Price	Change†	Assessed
Aluminium - actual price			
£ per tonne			
Group 1 pure 99% & Litho	1,410-1,450*	-1.38%	▼ 19 Sep 18
Commercial pure cuttings	1,150-1,190*	-0.85%	▼ 19 Sep 18
Clean HE9 extrusions	1,410-1,450*	-1.38%	▼ 19 Sep 18
Loose old rolled cuttings	830-860*	-1.17%	▼ 19 Sep 18
Baled old rolled	890-915*	0%	19 Sep 18
Commercial cast	1,000-1,050*	-0.73%	▼ 19 Sep 18
Cast wheels	1,250-1,280*	-0.39%	▼ 19 Sep 18
Commercial turnings	670-700*	0%	19 Sep 18
Group 7 turnings	575-595*	-0.85%	▼ 19 Sep 18

MB and LME aluminium scrap discounts

£ per tonne

Group 1 pure 99% & Litho	77-117*	-5.83%	▼ 19 Sep 18
Commercial pure cuttings	337-377*	-4.29%	▼ 19 Sep 18
Clean HE9 extrusions	77-117*	-5.83%	▼ 19 Sep 18
Loose old rolled cuttings	371-401*	-4.93%	▼ 19 Sep 18
Baled old rolled	316-341*	-8.37%	▼ 19 Sep 18
Commercial cast	181-231*	-9.85%	▼ 19 Sep 18
Cast wheels	-49--19*	277.78%	▲ 19 Sep 18
Commercial turnings	531-561*	-5.21%	▼ 19 Sep 18
Group 7 turnings	636-656*	-3.73%	▼ 19 Sep 18

Titanium

\$/lb cif

Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1.10-1.20*	0%	19 Sep 18
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	1-1.05*	0%	19 Sep 18

Copper scrap discount

cents/lb

No 2 copper (birch/cliff) imported into China 94-96% cif China	29-37*	22.22%	▲ 31 Aug 18
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† week-on-week change

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NON-FERROUS FOUNDRY INGOTS

	Price	Change ¹	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,600-1,640*	-1.82% ▼	19 Sep 18
LM6/LM25 gravity diecasting ingot	1,820-1,870*	-0.81% ▼	19 Sep 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	1,570-1,630*	-1.84% ▼	21 Sep 18
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.93-0.94*	0%	20 Sep 18
AFFIMET €/tonne			
AS12	3,729	-0.27% ▼	01 Sep 18
AS12 UN	2,785	-3.47% ▼	01 Sep 18
AS9 U3	2,160	-4.42% ▼	01 Sep 18
AS5 U3	2,510	-3.83% ▼	01 Sep 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,350-2,450	-1.23% ▼	19 Sep 18
DIN 231	2,430-2,530	-1.2% ▼	19 Sep 18
DIN 311	2,410-2,510	-1.2% ▼	19 Sep 18
Aluminium bronze £/tonne UK			
AB1 ex-works	4,780	0%	18 Sep 18
AB2 ex-works	4,830	0%	18 Sep 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,070	0%	18 Sep 18
High tensile HTB1 ex-works	4,360	0%	18 Sep 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,600	0%	18 Sep 18
LG4 87/7/3/3 ex-works	5,420	0%	18 Sep 18
G1 1.15 PB ex-works	6,080	0%	18 Sep 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,530	0%	18 Sep 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	5,980	0%	18 Sep 18
15% P ex-works	6,030	0%	18 Sep 18
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,468	-4.38% ▼	01 Sep 18
Brock Metal ZL5	2,496	-4.33% ▼	01 Sep 18

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Monthly averages: August

BASE METALS

		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		79.23	90.64
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		152.22	165
Alumina			
Index fob Australia		553.48	
Copper			
US High-grade cathode premium indicator, \$/tonne		154.32	165.35
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	200	240
	4x4 cathodes	370	430
	Briquettes	256.25	276.25
US	Melting \$/lb	0.25	0.38
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		290	335
Spot premium 99.85%, \$/tonne		275	300
Kuala Lumpur (ex-smelter), \$/tonne		19,293.33	

MINOR METALS

Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		8,125	8,430
MMTA Standard grade II, \$/tonne		8,105	8,430
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		4.03	4.64
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		120	135
min 99.99%, in warehouse cents/lb		125	140
Cobalt			
MB free market			
High Grade, in warehouse, \$/lb		33.36	34.51
Low Grade, in warehouse, \$/lb		33.51	34.49
Germanium Dioxide			
MB free market min 99.99%, \$/kg		1,046	1,230
Rotterdam, \$/kg		1,438.5	1,539.5
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		272	297
Magnesium			
MB free market min 99.8%, \$/tonne		2,492	2,592
China free market min 99.8%, \$/tonne		2,590	2,626
Mercury			
MB free market min 99.99%, in warehouse, \$/flask		2,750	3,100

	Low	High
Selenium		
MB free market min 99.5% in warehouse, \$/lb	13.15	15.05
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,080	2,180
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	5.19	5.48

ORES & ALLOYS

	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdic oxide \$/lb Mo	11.98	12.13
US canned molybdic oxide \$/lb Mo	12.04	12.25
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	29.02	29.44
Tungsten		
European free market APT, \$/mtu	295	309
Ferro-tungsten		
basis 75% W min, \$/kg	35.63	36.95
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	18.5	19.10
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	80.29	81.78
US Free market 70-80%, \$/lb	38.96	39.72

PRECIOUS METALS

Gold			
London \$/troy oz	Morning	1,201.86	
	Afternoon	1,201.25	
London £/troy oz	Morning	933.42	
	Afternoon	932.49	
\$/troy oz	Handy/Harman	1,201.71	
Palladium			
Morning \$/troy oz		917.18	
Afternoon \$/troy oz		918	
Platinum: per troy oz			
Morning \$/troy oz		806	
Afternoon \$/troy oz		805.43	
Rhodium			
European free market min 99.9% in-warehouse, \$/troy oz		2,303.86	2,399.77
Silver			
London			
spot pence/troy oz		1,165.14	
spot cents/troy oz		1,500.5	
Handy/Harman cents/troy oz		1,498.70	

† week-on-week change

continued ➤

FOUNDRY INGOTS		
	Low	High
Aluminium		
LM24, £/tonne	1,640	1,680
LM6/LM25, £/tonne	1,840	1,900
Aluminium Europe €/tonne	1,678	1,726
Phosphor Bronze		
PB1 ex-works, £/tonne	6,575	
Zinc Alloy		
ZL3, £/tonne	2,581	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.29
\$/yen	111
\$/€	1.16

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

LONDON METAL EXCHANGE

High, low and average August (22 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	Jan-August 2018		August average
	Low	High	
	\$	\$	\$
Aluminium (\$)			
Cash	1,966.5	2,600	2,045.10
3 months	1,987.5	2,586.5	2,070.11
Settlement	1,967	2,602.5	2,045.5
3 months seller	1,988	2,587	2,070.59
Copper Grade A (\$)			
Cash	5,842.75	7,262	6,039.26
3 months	5,877.5	7,267	6,066.34
Settlement	5,843	7,262.5	6,039.75
3 months seller	5,878	7,268	6,066.95
Copper Grade A (£)			
Settlement	4,568.46	5,421.80	4,689.84
3 months seller	4,586.19	5,402.51	4,692.65
Lead (\$)			
Cash	1,976	2,682.75	2,064.34
3 months	2,001	2,655.5	2,081.16
Settlement	1,977	2,683	2,064.86
3 months seller	2,002	2,656	2,082.02
Lead (£)			
Settlement	1,547.28	1,928.42	1,603.28
3 months seller	1,558.16	1,915.31	1,610.33
Nickel (\$)			
Cash	12,410	15,747.5	13,429.20
3 months	12,465	15,785	13,516.48
Settlement	12,415	15,750	13,432.95
3 months seller	12,470	15,790	13,525.23
Tin (\$)			
Cash	18,662.5	22,102.5	19,267.5
3 months	18,675	21,907.5	19,213.07
Settlement	18,675	22,105	19,278.41
3 months seller	18,700	21,910	19,222.5

	Jan-August 2018		August average
	Low	High	
	\$	\$	\$
Zinc (\$)			
Cash	2,324.5	3,617.5	2,510.05
3 months	2,349	3,585.5	2,497.90
Settlement	2,325	3,618	2,510.52
3 months seller	2,350	3,586	2,498.57
Cobalt (\$)			
Cash	54,750	95,250	63,172.73
3 months	55,450	95,250	63,563.64
Settlement	55,000	95,500	63,413.64
3 months seller	55,700	95,500	63,813.64
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	1,545	2,015	1,617.07
3 months	1,575	2,020	1,647.73
Settlement	1,550	2,020	1,621
3 months seller	1,580	2,025	1,655.45
Nasaa (\$)			
Cash	1,587.5	2,026.5	1,630.98
3 months	1,635	2,060	1,670.80
Settlement	1,590	2,027	1,633.77
3 months seller	1,640	2,065	1,675.45

LME SETTLEMENT CONVERSION RATES

\$/£	1.29
\$/yen	111.02
\$/€	1.15