

Prices

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NEW YORK FUTURES

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	265.25	1.49% ▲	23 Aug 18
Open interest	259,186	-11.79% ▼	22 Aug 18
Stocks (short ton)	194,748	-0.93% ▼	22 Aug 18
Comex: Gold \$/troy oz			
Settlement	1,187	0.92% ▲	23 Aug 18
Open interest	485,184	1.09% ▲	22 Aug 18
Stocks (troy oz)	8,434,670	-0.64% ▼	22 Aug 18
Nymex: Palladium \$/troy oz			
Settlement	911.20	4.16% ▲	23 Aug 18
Stocks (troy oz)	46,633	15.26% ▲	22 Aug 18
Nymex: Platinum \$/troy oz			
Settlement	778.40	-0.78% ▼	23 Aug 18
Stocks (troy oz)	184,326	7.21% ▲	22 Aug 18
Comex: Silver cents/troy oz			
Settlement	1,452.70	-1.16% ▼	23 Aug 18
Open interest	243,195	2.92% ▲	22 Aug 18

SHANGHAI FUTURES

	Price	Change [†]	Assessed
Aluminium yuan/tonne	14,735	2.75% ▲	24 Aug 18
Copper yuan/tonne	48,510	1.55% ▲	24 Aug 18
Nickel cathode yuan/tonne	109,600	-0.16% ▼	24 Aug 18
Tin ingot yuan/tonne	143,930	1% ▲	24 Aug 18
Zinc yuan/tonne	21,450	7.3% ▲	24 Aug 18
Steel rebar month 1 yuan/tonne	4,438	-0.69% ▼	24 Aug 18
Steel rebar month 2 yuan/tonne	4,437	1% ▲	24 Aug 18
Steel rebar month 3 yuan/tonne	4,416	2.65% ▲	24 Aug 18
Weekly stocks deliverable			
Aluminium (tonnes)	895,880	-0.36% ▼	24 Aug 18
Copper (tonnes)	146,590	-5.47% ▼	24 Aug 18
Nickel cathode (tonnes)	17,349	-4.17% ▼	24 Aug 18
Tin ingot (tonnes)	5,990	-9.46% ▼	24 Aug 18
Zinc (tonnes)	30,800	-11.82% ▼	24 Aug 18
Steel rebar (tonnes)	3,856	0%	24 Aug 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	2,061.5-2,062	3.16% ▲	24 Aug 18
Cash unofficial	2,040.5-2,042.5	0.79% ▲	23 Aug 18
3 months official	2,085-2,085.5	2.95% ▲	24 Aug 18
3 months unofficial	2,063-2,065	0.68% ▲	23 Aug 18
LME Tapo notional average price (NAP)	2,029.18	-0.05% ▼	23 Aug 18
LME stocks (tonnes)	1,095,125	-2.24% ▼	23 Aug 18
Aluminium alloy (A380. 1/DIN/D12S) \$			
LME cash official	1,565-1,575	-0.48% ▼	24 Aug 18
LME cash unofficial	1,577-1,587	-1.06% ▼	23 Aug 18
LME 3 months official	1,580-1,600	0%	24 Aug 18
LME 3 months unofficial	1,590-1,600	-0.62% ▼	23 Aug 18
LME stocks (tonnes)	13,600	1.19% ▲	23 Aug 18

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,640-1,650	1.51% ▲	24 Aug 18
LME cash unofficial	1,629-1,639	0.03% ▲	23 Aug 18
LME 3 months official	1,670-1,680	1.21% ▲	24 Aug 18
LME 3 months unofficial	1,660-1,670	0%	23 Aug 18
LME stocks (tonnes)	152,660	-0.92% ▼	23 Aug 18
Copper grade A \$			
LME cash official	6,000-6,001	2.7% ▲	24 Aug 18
LME cash unofficial	5,962.5-5,964.5	1.29% ▲	23 Aug 18
LME 3 months official	6,024-6,025	2.5% ▲	24 Aug 18
LME 3 months unofficial	5,983-5,985	0.98% ▲	23 Aug 18
LME Tapo notional average price (NAP)	6,035.59	-0.6% ▼	23 Aug 18
LME stocks (tonnes)	267,075	3.18% ▲	23 Aug 18
Lead \$			
LME cash official	2,077-2,079	5.16% ▲	24 Aug 18
LME cash unofficial	2,040-2,042	0.99% ▲	23 Aug 18
LME 3 months official	2,090-2,092	4.5% ▲	24 Aug 18
LME 3 months unofficial	2,057-2,059	0.64% ▲	23 Aug 18
LME stocks (tonnes)	126,725	1.06% ▲	23 Aug 18
Nickel \$			
LME cash official	13,305-13,310	0.55% ▲	24 Aug 18
LME cash unofficial	13,195-13,220	-1.1% ▼	23 Aug 18
LME 3 months official	13,380-13,390	0.37% ▲	24 Aug 18
LME 3 months unofficial	13,275-13,300	-1.21% ▼	23 Aug 18
LME stocks (tonnes)	242,604	-1.59% ▼	23 Aug 18
Tin \$			
LME cash official	19,200-19,250	2.93% ▲	24 Aug 18
LME cash unofficial	19,130-19,180	2.35% ▲	23 Aug 18
LME 3 months official	19,150-19,155	2.43% ▲	24 Aug 18
LME 3 months unofficial	19,050-19,100	1.87% ▲	23 Aug 18
LME stocks (tonnes)	2,940	1.55% ▲	23 Aug 18
Zinc special high grade \$			
LME cash official	2,507.5-2,508	6.28% ▲	24 Aug 18
LME cash unofficial	2,474-2,476	4.81% ▲	23 Aug 18
LME 3 months official	2,507-2,509	6.47% ▲	24 Aug 18
LME 3 months unofficial	2,467-2,469	4.09% ▲	23 Aug 18
LME stocks (tonnes)	247,400	-1.6% ▼	23 Aug 18
Cobalt min 99.3%			
LME cash official	64,000-64,500	0%	24 Aug 18
LME 3 months official	64,000-64,500	0%	24 Aug 18
LME stocks (tonnes)	650	-0.15% ▼	23 Aug 18
Molybdenum \$			
LME cash official	24,000-26,000	0%	24 Aug 18
LME 3 months official	24,000-26,000	0%	24 Aug 18
LME stocks (tonnes)	0	0%	23 Aug 18

† week-on-week change

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	Price	Change	Assessed
Gold \$/troy oz			
London morning	1,187.30	0.65% ▲	23 Aug 18
London afternoon	1,192.35	1.01% ▲	23 Aug 18
Handy/Harman	1,192.35	1.01% ▲	23 Aug 18
Silver per troy oz			
London spot pence	1,134	-1.48% ▼	23 Aug 18
London spot cents	1,462.5	0.14% ▲	23 Aug 18
Handy/Harman	1,460.30	-1.28% ▼	23 Aug 18
Palladium \$/troy oz			
London morning	916	6.02% ▲	23 Aug 18
London afternoon	915	3.39% ▲	23 Aug 18
Platinum \$/troy oz			
London morning	780	-0.13% ▼	23 Aug 18
London afternoon	782.5	0.19% ▲	23 Aug 18
Kuala Lumpur tin market			
Tin \$/tonne	19,000	1.6% ▲	24 Aug 18
ICDX			
Tin PB300 settlement price \$/tonne	19,300	2.39% ▲	23 Aug 18
Tin PB300 volume, tonnes	86	330% ▲	23 Aug 18

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change†	Assessed
Copper	86,203.76	0.57% ▲	24 Aug 18
Aluminium	29,620.42	1.03% ▲	24 Aug 18
Lead	29,864.63	3% ▲	24 Aug 18
Zinc	36,027.17	4.08% ▲	24 Aug 18
Nickel	191,196.82	-1.54% ▼	24 Aug 18
Tin	276,524.33	0.93% ▲	24 Aug 18

EXCHANGE RATES

	Price	Change†	Assessed
LME settlement conversion rates			
\$/£	1.2848	1.04% ▲	24 Aug 18
\$/¥	111.3200	0.75% ▲	24 Aug 18
\$/€	1.1594	1.79% ▲	24 Aug 18
Closing rates, midpoint			
\$/£	1.2835	0.86% ▲	23 Aug 18
\$/¥	111.2050	0.42% ▲	23 Aug 18
\$/€	1.1575	1.62% ▲	23 Aug 18
£/€	1.1089	-0.73% ▼	23 Aug 18
\$/CNY	6.8735	-0.35% ▼	23 Aug 18

BASE METALS ARBITRAGE

	Price	Change†	Assessed
Aluminium			
Import arbitrage, \$/tonne	-429.01*	1.13% ▲	24 Aug 18
Import arbitrage, yuan/tonne	-2,960.22*	1.04% ▲	24 Aug 18
Copper			
Import arbitrage, \$/tonne	-39.24*	-889.54% ▼	24 Aug 18
Import arbitrage, yuan/tonne	-270.73*	-888.15% ▼	24 Aug 18
Nickel			
Import arbitrage, \$/tonne	-56.75*	2294.51% ▲	24 Aug 18
Import arbitrage, yuan/tonne	-391.56*	2287.56% ▲	24 Aug 18
Zinc			
Import arbitrage, \$/tonne	35.96*	-25.33% ▼	24 Aug 18
Import arbitrage, yuan/tonne	248.15*	-25.38% ▼	24 Aug 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	160-190*	-12.5% ▼	03 May 17
Rotterdam, Grade A, cathode, cif, \$/tonne	45.0-55.0*	0%	21 Aug 18
Germany, Grade A, cathode, delivered, \$/tonne	90.0-95.0*	0%	21 Aug 18
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	21 Aug 18
South European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	21 Aug 18
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	65.0-70.0*	0%	21 Aug 18
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	67*	0%	21 Aug 18
Japan, copper, Grade A, cathode, cif, \$/tonne	65.0-75.0*	0%	21 Aug 18
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	65.0-75.0*	0%	21 Aug 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	5.0-10.0*	0%	21 Aug 18
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	21 Aug 18
Southeast Asia, Grade A cathode, cif, \$ per tonne	75.0-80.0*	0%	21 Aug 18
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	70.0-88.0*	7.48% ▲	24 Aug 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	70.0-88.0*	7.48% ▲	24 Aug 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	80.0-88.0*	8.39% ▲	24 Aug 18
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	70.0-75.0*	9.02% ▲	24 Aug 18
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	70.0-75.0*	7.41% ▲	24 Aug 18
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	80.0-88.0*	7.69% ▲	24 Aug 18
Taiwan, Grade A cathode, cif, \$ per tonne	67.0-75.0*	0%	21 Aug 18
MB free market US: High-grade cathode premium indicator, \$/tonne	154.3-165.3*	0%	21 Aug 18
United States warrants, Grade A cathode, \$/tonne	10.0-15.0*	0%	21 Aug 18
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	82.0-92.0*	2.35% ▲	24 Aug 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	80-100*	0%	21 Aug 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	5.0-15.0*	0%	21 Aug 18
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	5.0-15.0*	0%	21 Aug 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%	21 Aug 18
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	99*	0%	21 Aug 18
Aluminium P1020A, Singapore, fob, \$/tonne	80.0-100.0*	-5.26% ▼	21 Aug 18
Aluminium P1020A, South Korea, fca, \$/tonne	90.0-100.0*	0%	21 Aug 18
Aluminium P1020A, Malaysia, fob, \$/tonne	80.0-100.0*	-5.26% ▼	21 Aug 18
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	21 Aug 18
Aluminium P1020A, Taiwan, cif, \$/tonne	90.0-110.0*	0%	21 Aug 18
Aluminium P1020A, Antwerp, in-warehouse duty-unpaid, \$/tonne	80.0-88.0*	0%	21 Aug 18
Aluminium P1020A, Antwerp, in-warehouse duty-paid, \$/tonne	155.0-163.0*	1.6% ▲	21 Aug 18
Aluminium P1020A, Vlissingen, in-warehouse duty-unpaid, spot, \$/tonne	80.0-88.0*	0%	21 Aug 18
Aluminium P1020A, Vlissingen, in-warehouse duty-paid, spot, \$/tonne	155.0-163.0*	1.6% ▲	21 Aug 18
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	200.0-220.0*	0%	21 Aug 18
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	200.0-220.0*	0%	21 Aug 18
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	120.0-130.0*	0%	21 Aug 18
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	80.0-100.0*	0%	24 Aug 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	15,000-15,100*	-0.33% ▼	22 Aug 18
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,860-1,880*	-0.8% ▼	22 Aug 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*	1.59% ▲	24 Aug 18
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	480.0-520.0*	0%	24 Aug 18
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.208-0.213*	0%	24 Aug 18
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	21 Aug 18
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	350.0-400.0*	-8.54% ▼	21 Aug 18
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	200.0-210.0*	0%	21 Aug 18
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	290.0-330.0*	-1.59% ▼	17 Aug 18
Aluminium extrusion billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	520.0-560.0*	0%	24 Aug 18
Aluminium extrusion billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	530.0-570.0*	0%	24 Aug 18
Aluminium extrusion billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	530.0-550.0*	0%	17 Aug 18
Aluminium extrusion billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	230.0-240.0*	0%	20 Jul 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%	17 Aug 18
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	420.0-460.0*	0%	10 Aug 18
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	430.0-480.0*	0%	10 Aug 18
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	14.0-15.0*	-9.38% ▼	10 Aug 18
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	10 Aug 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%	21 Aug 18
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	21 Aug 18
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	21 Aug 18
Southeast Asia, min 99.97% cif, \$/tonne	70.0-90.0*	0%	21 Aug 18
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	21 Aug 18
Taiwan, 99.97% purity, cif, \$/tonne	60.0-100.0*	-13.51% ▼	21 Aug 18
Taiwan, 99.99% purity, cif, \$/tonne	135.0-150.0*	0%	21 Aug 18
India, 99.97% purity, cif, \$/tonne	95.0-115.0*	-4.55% ▼	21 Aug 18
India, 99.99% purity, cif, \$/tonne	140.0-160.0*	0%	21 Aug 18
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	21 Aug 18
Rotterdam, 99.97% purity, duty-paid fca, \$/tonne	65.0-75.0*	0%	21 Aug 18
Rotterdam, 99.99% purity, duty-paid fca, \$/tonne	160.0-170.0*	0%	21 Aug 18
Italy, 99.97% purity, duty-paid fca, \$/tonne	110.0-120.0*	0%	21 Aug 18
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	21 Aug 18
US lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	21 Aug 18
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	21 Aug 18
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	21 Aug 18
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	180.0-200.0*	2.7% ▲	21 Aug 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	180.0-200.0*	8.57% ▲	21 Aug 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	110-170*	0%	21 Aug 18
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	21 Aug 18
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	110-170*	0%	21 Aug 18
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	21 Aug 18
North European warrants, min 99.80%, in-warehouse, \$/tonne	190-230*	0%	21 Aug 18
uncut cathodes premium indicator	200.0-240.0*	0%	21 Aug 18

† week-on-week change

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	Price	Change	Assessed
4x4 cathodes premium indicator	370.0-430.0*	0%	21 Aug 18
briquettes premium indicator	255.0-275.0*	0%	21 Aug 18
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	35-45*	0%	21 Aug 18
Nickel briquette premium, delivered consumer works US, US cents per pound	25-35*	-4.76% ▼	21 Aug 18
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	520-550*	0%	21 Aug 18
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	290-335*	0%	21 Aug 18
Rotterdam spot premium 99.85% ingot, in-warehouse \$/tonne	275-300*	0%	21 Aug 18
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	20-35*	0%	21 Aug 18
Singapore spot premium, 99.9% ingots, in-warehouse \$/tonne	-25-50*	0%	21 Aug 18
Singapore spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	250-300*	0%	21 Aug 18
Shanghai spot premium, 99.85% ingots, cif, \$/tonne	150-170*	0%	21 Aug 18
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	21 Aug 18
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	21 Aug 18
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	220-240*	0%	21 Aug 18
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	500-600*	0%	21 Aug 18
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	550-625*	0%	21 Aug 18
US New York spot, cents/lb	946-947	-1.76% ▼	25 Jun 18
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	8.0-20.0*	-37.78% ▼	21 Aug 18
MB EU: Special high grade, fca Rotterdam, \$/tonne	115.0-130.0*	2.08% ▲	21 Aug 18
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	110.0-120.0*	35.29% ▲	21 Aug 18
Malaysia fca, 99.995%, \$/tonne	125.0-140.0*	0%	21 Aug 18
Southeast Asia cif, 99.995%, \$/tonne	140.0-150.0*	0%	21 Aug 18
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	110.0-120.0*	35.29% ▲	21 Aug 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	125.0-140.0*	0%	21 Aug 18
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	140.0-155.0*	9.26% ▲	21 Aug 18
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	147*	8.89% ▲	21 Aug 18
Shanghai 99.995% purity, cif \$/tonne	140.0-150.0*	16% ▲	21 Aug 18
Taiwan 99.995% purity SHG ingots, cif \$/tonne	140.0-150.0*	0%	21 Aug 18
India 99.995% purity, cif duty-unpaid \$/tonne	130.0-150.0*	0%	21 Aug 18
India 99.995% purity, cif duty-paid \$/tonne	220.0-245.0*	0%	21 Aug 18
Antwerp 99.995% purity, duty-paid fca \$/tonne	115.0-130.0*	2.08% ▲	21 Aug 18
Italy 99.995% purity, duty-paid fca \$/tonne	145.0-155.0*	0%	21 Aug 18
Italy 99.995% purity, delivered duty-paid \$/tonne	180.0-200.0*	0%	21 Aug 18
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	21 Aug 18
MB US: Special high grade, \$/lb	0.085-0.093*	0%	21 Aug 18

BASE METALS

	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	3,100.0-3,250.0*	2.42% ▲	23 Aug 18
Alumina Index fob Australia	570.67*	6.25% ▲	24 Aug 18
Alumina Index fob Brazil	7*		16 Aug 18
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	577.67*		24 Aug 18
Aluminium			
Shanghai bonded aluminium stocks, tonnes	4,500-5,500*	0%	01 Aug 18
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	16 Aug 18
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	16 Aug 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):	5,242.2-5,269.0	0.07% ▲	22 Aug 18
cathodes:	5,160.0-5,250.0	0%	22 Aug 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	96,309.600	-2.3% ▼	01 Aug 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.35-8.35*	0.6% ▲	15 Aug 18
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	83.5-83.5*	0.6% ▲	15 Aug 18
Shanghai bonded copper stocks, tonnes	506,500-522,500*	6.52% ▲	13 Aug 18
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,060-1,080*	0%	21 Aug 18
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,080-1,100*	0.93% ▲	21 Aug 18
Shanghai bonded nickel stocks, tonnes	44,000-51,000*	11.76% ▲	01 Aug 18
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	31-32*	0%	21 Aug 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*	0%	21 Aug 18
Lead			
Germany: (VDM) virgin soft, €/tonne	1,900-1,920	-2.05% ▼	22 Aug 18
Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne	10-25*	-30% ▼	27 Jul 18
Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	15-25*	-20% ▼	27 Jul 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	2,270-2,270	1.34% ▲	22 Aug 18
UK: Special high grade, delivered monthly average price £/tonne	2,157*	-10.16% ▼	01 Aug 18
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	65-75*	133.33% ▲	27 Jul 18
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	3,600-3,800*	0.68% ▲	27 Jul 18
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	3,400-3,600*	4.48% ▲	27 Jul 18
Shanghai bonded zinc stocks, tonnes	139,000-144,000*	-10.73% ▼	01 Aug 18

† week-on-week change

continued ➤

PRECIOUS METALS			
	Price	Change†	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	1,375-1,475*	0%	24 Aug 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,420	0%	24 Aug 18
Engelhard base price: \$/troy oz	1,440	0.7% ▲	24 Aug 18
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	915-933*	2.95% ▲	24 Aug 18
Engelhard base price: \$/troy oz	928	2.88% ▲	24 Aug 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	933	2.53% ▲	24 Aug 18
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	782-791*	0.32% ▲	24 Aug 18
Engelhard base price: \$/troy oz	786	0.38% ▲	24 Aug 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	791	0%	24 Aug 18
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	2,330-2,430*	1.49% ▲	24 Aug 18
Engelhard base price: \$/troy oz	2,385	0%	24 Aug 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	2,380	0.85% ▲	24 Aug 18
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	235-275*	0%	24 Aug 18
Engelhard base price: \$/troy oz	260	0%	24 Aug 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	255	0%	24 Aug 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	8,300-8,600*	0.6% ▲	24 Aug 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,300-8,600*	0.6% ▲	24 Aug 18
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	50,700-51,500*	0.2% ▲	22 Aug 18
Arsenic			
MB free market \$/lb	1.02-1.22*	0%	17 Aug 18
Bismuth			
MB free market \$/lb	4-4.5*	-2.3% ▼	24 Aug 18
MB China domestic, min 99.99%, yuan/tonne	57,000-59,000*	0.43% ▲	24 Aug 18
Cadmium			
MB free market min 99.95% cents/lb	120-135*	0%	24 Aug 18
MB free market min 99.99% cents/lb	125-140*	0%	24 Aug 18
Chromium			
MB free market alumino-thermic min 99% \$/tonne	12,000-13,000*	0%	24 Aug 18
Cobalt			
MB free market high-grade \$/lb	32.70-33.70*	-0.9% ▼	24 Aug 18
MB free market low-grade \$/lb	33-33.70*	-0.74% ▼	24 Aug 18
MB high-grade, weighted average of all confirmed international trades, \$/lb	33.12*	-0.45% ▼	24 Aug 18
MB low-grade, weighted average of all confirmed international trades, \$/lb	33.22*	-0.09% ▼	24 Aug 18
MB China domestic, min 99.8% yuan/tonne	475,000-510,000*	2.07% ▲	24 Aug 18
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	340,000-360,000*	0%	24 Aug 18

	Price	Change	Assessed
Gallium			
MB free market \$/kg	190-200*	0%	24 Aug 18
MB China domestic, min 99.99%, yuan/kg	1,200-1,240*	3.83% ▲	22 Aug 18
Germanium			
Germanium dioxide MB free market \$/kg	1,070-1,250*	0%	24 Aug 18
Germanium metal \$/kg Rotterdam	1,450-1,550*	0%	24 Aug 18
Germanium metal MB China domestic, min 99.999%, yuan/kg	8,600-9,000*	-1.12% ▼	22 Aug 18
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950-1,050*	0%	17 Aug 18
Indium			
MB free market \$/kg	275-290*	-1.74% ▼	24 Aug 18
MB China domestic, min 99.99% yuan/kg	1,640-1,680*	-0.9% ▼	22 Aug 18
Indium Corp ingots min 99.97% \$/kg fob	440	-40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,500-2,600*	0%	24 Aug 18
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,570-2,600*	0.19% ▲	24 Aug 18
MB Chinese free market min 99% Mg, ex-works yuan/tonne	17,200-17,400*	-0.29% ▼	24 Aug 18
Manganese flake			
MB free market \$/tonne	2,600-2,800*	0%	24 Aug 18
Mercury			
MB free market \$ per flask	2,750-3,100*	0%	17 Aug 18
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	726-755*	0%	17 Aug 18
APR catalytic grade \$/kg Re	1,440-1,580*	0%	17 Aug 18
Selenium			
MB free market \$/lb	13.5-15*	1.79% ▲	24 Aug 18
MB China domestic, min 99.9%, yuan/kg	200-240*	-2.22% ▼	24 Aug 18
Selenium dioxide, MB China domestic, min 98%, yuan/kg	120-122*	-5.1% ▼	24 Aug 18
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,050-2,150*	-2.33% ▼	24 Aug 18
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,980-2,050*	-0.98% ▼	24 Aug 18
US free market cents/lb	132-134*	-1.12% ▼	10 Aug 18
Export from mainland China min 98.5%, \$/tonne fob	1,650-1,700*	0%	24 Aug 18
Tellurium			
MB free market \$/kg	70-90*	0%	24 Aug 18
MB China domestic, min 99.99%, yuan/kg	460-495*	-5.91% ▼	24 Aug 18
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	5.30-5.55*	2.84% ▲	22 Aug 18
Titanium ores \$/tonne			
Rutile conc min 95% Tio2 bagged, fob/Aus	1,050-1,300	0%	23 Aug 18
Rutile bulk conc min 95% Tio2 fob/Aus	930-1,050	0%	23 Aug 18
Ilmenite concentrate, 47-49% Tio2 cif China	170-180	-7.89% ▼	23 Aug 18

† week-on-week change

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NOBLE ALLOYS & ORES			
	Price	Change†	Assessed
Molybdenum molybdc oxide			
Europe drummed molybdc oxide \$/lb Mo	11.90-12*	0.63% ▲	24 Aug 18
US canned molybdc oxide \$/lb Mo	11.90-12.15*	0.63% ▲	23 Aug 18
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	28.60-29.05*	-0.77% ▼	24 Aug 18
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	12.90-13.40*	-1.31% ▼	23 Aug 18
MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu	1,810-1,850*	0%	22 Aug 18
Tungsten			
European free market APT \$/mtu	280-300*	-5.69% ▼	24 Aug 18
Export from mainland China APT Chinese No1 grade, min 88.5% WO3, S/mtu fob	298-305*	-0.82% ▼	22 Aug 18
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	100,000-101,000*	-0.99% ▼	22 Aug 18
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	35.30-36.5*	0%	24 Aug 18
China export min 75% \$/kg W, fob China	34.5-36.40*	-1.53% ▼	22 Aug 18
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	79-82*	0%	23 Aug 18
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	80-80.75*	-0.46% ▼	24 Aug 18
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	39-39.5*	-0.38% ▼	23 Aug 18
Vanadium pentoxide 98% min, fob, China \$/lb V2O5	18.5-19*	0%	23 Aug 18
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O5	18.5-19*	0%	24 Aug 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	0.81*	-1.22% ▼	24 Aug 18
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.20*	-1.64% ▼	24 Aug 18
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,900-7,100*	0%	24 Aug 18
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,750-7,000*	0%	24 Aug 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	1.27-1.40*	-2.2% ▼	24 Aug 18
0.10% C average 60-70% Cr	2.28-2.38*	-0.85% ▼	24 Aug 18
European low carbon in-warehouse 0.06% C max - 65% Cr	2.33-2.43*	-0.83% ▼	24 Aug 18
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.35-1.45*	0%	24 Aug 18
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	0.86-0.90*	-0.56% ▼	23 Aug 18
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	0.81-0.84*	-1.79% ▼	23 Aug 18

	Price	Change	Assessed
US free market low carbon duty-paid fob Pittsburgh			
US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si	1.400-1.460*	0%	23 Aug 18
0.05% C - 65% min Cr	2.40-2.45*	0%	23 Aug 18
0.10% C - 62% min Cr	2.08-2.15*	0%	23 Aug 18
0.15% C - 60% min Cr	2.05-2.07*	0%	23 Aug 18
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	155*	-1.9% ▼	24 Aug 18
Turkish lumpy 40-42% cfr main Chinese ports	225-235*	-2.13% ▼	24 Aug 18
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	960-1,000*	1.03% ▲	24 Aug 18
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,380-1,420*	0%	23 Aug 18
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.14-1.16*	0%	23 Aug 18
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	7,500-7,600*	0%	24 Aug 18
Manganese ore			
44% Mn, cif Tianjin \$/dmtu of metal contained	6.90*	-0.43% ▼	24 Aug 18
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	5.95*	2.59% ▲	24 Aug 18
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2.84-2.94*	0%	22 Aug 18
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-50-100*	-90.91% ▼	30 Jul 18
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,400-1,450*	0%	24 Aug 18
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1.07-1.08*	0%	23 Aug 18
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,340-1,380*	0%	24 Aug 18
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,900-7,100*	0.36% ▲	24 Aug 18
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	950-1,000*	0%	24 Aug 18
US free market \$/lb in-warehouse Pittsburgh	0.64-0.67*	0%	23 Aug 18
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	8,700-9,000*	2.91% ▲	24 Aug 18
65% min Mn 16% min Si \$/tonne fob India	1,000-1,035*	0.74% ▲	24 Aug 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	500-530*	-1.9% ▼	22 Aug 18
Wire rod (mesh quality)	520-530*	-0.94% ▼	22 Aug 18
Plate (8-40mm)	590-600*	0%	22 Aug 18
Hot rolled coil	530-540*	-3.6% ▼	22 Aug 18
Cold rolled coil	620-640*	0%	22 Aug 18
Hot-dip galvanized coil	660-680*	0%	22 Aug 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	495-510*	0%	22 Aug 18
Wire rod (mesh quality)	520-530*	-0.47% ▼	22 Aug 18
Plate (8-40mm)	590-600*	0%	22 Aug 18
Hot rolled coil	530-540*	-1.83% ▼	22 Aug 18
Cold rolled coil	630-640*	0%	22 Aug 18
Hot-dip galvanized coil	670-680*	0%	22 Aug 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	510-520*	0%	22 Aug 18
Wire rod (mesh quality)	510-530*	0%	22 Aug 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	565-580*	-0.43% ▼	22 Aug 18
Wire rod (mesh quality)	550-560*	0%	22 Aug 18
Sections (medium)	640-660*	0%	22 Aug 18
Beams	630-640*	0%	22 Aug 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	540-560*	0%	22 Aug 18
Wire rod (mesh quality)	550-560*	0%	22 Aug 18
Sections (medium)	620-630*	0%	22 Aug 18
Beams	630-640*	0%	22 Aug 18
Central Europe domestic € per tonne ex-works			
Hot rolled coil	530-550*	0%	22 Aug 18
Poland domestic zloty per tonne ex-works			
Rebar	2,350-2,370*	0%	24 Aug 18
Northern Europe € per tonne ex-works			
Plate (8-40mm)	630-640*	0%	22 Aug 18
Hot rolled coil	570-580*	0%	22 Aug 18
Cold rolled coil	650-670*	0%	22 Aug 18
Hot-dip galvanized coil	660-680*	-0.37% ▼	22 Aug 18
Southern Europe € per tonne ex-works			
Plate (8-40mm)	600-610*	0%	22 Aug 18
Hot rolled coil	550-560*	0%	22 Aug 18
Cold rolled coil	630-640*	0%	22 Aug 18
Hot-dip galvanized coil	640-660*	0%	22 Aug 18

CARBONSTEEL - NORTH AFRICA

	Price	Change†	Assessed
Algeria imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, EU origin, commercial-quality carbon steel, € per tonne cfr main port</i>			
Rebar	485-490*	0%	22 Aug 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	475*	-0.63% ▼	24 Aug 18
Slab	520-530*	-0.94% ▼	20 Aug 18
Rebar	510-515*	-4.21% ▼	20 Aug 18
Wire rod (mesh)	535-545*	-4.85% ▼	20 Aug 18
Heavy plate (10-50mm)	604-624*	0.24% ▲	20 Aug 18
Hot rolled coil	560-570*	-0.88% ▼	20 Aug 18
Cold rolled coil	625-628*	-0.16% ▼	20 Aug 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	37,500-38,500*	0%	20 Aug 18
Hot rolled sheet	44,600-46,600*	3.52% ▲	20 Aug 18
Cold rolled sheet	52,000-52,500*	7.18% ▲	20 Aug 18
Plate	42,500-43,500*	0%	20 Aug 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*	-5.8% ▼	16 Aug 18
Rebar	500-510*	-5.34% ▼	16 Aug 18
Wire rod (mesh quality)	550-560*	0%	16 Aug 18
Merchant bars	600-620*	0%	16 Aug 18
Structural pipe	630-645*	2%	08 Aug 18
Hot rolled coil	590-600*	-1.65% ▼	17 Aug 18
Hot dip galvanized	750-760*	0.67% ▲	17 Aug 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	480-490*	-5.83% ▼	16 Aug 18
Rebar	530-545*	-2.27% ▼	16 Aug 18
Wire rod (mesh quality)	560-580*	-2.98% ▼	16 Aug 18
Hot rolled coil	610-615*	-1.61% ▼	17 Aug 18
Cold rolled coil	670-680*	0%	17 Aug 18
Hot dip galvanized	750-760*	0%	17 Aug 18
Prepainted galvanized	830-850*	0%	17 Aug 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*	-1.5% ▼	16 Aug 18
Hot rolled coil	590-600*	0%	17 Aug 18
Cold rolled coil	640-640*	0%	17 Aug 18

UAE imports

<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	530-535*	0%	14 Aug 18
Rebar	572-580*	0%	14 Aug 18
Hot rolled coil	600-605*	0%	14 Aug 18
Cold rolled coil	675-680*	0%	14 Aug 18
Hot dip galvanized coil	740-820*	-2.5% ▼	14 Aug 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	605-610*	0%	14 Aug 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	2,172-2,178*	0%	14 Aug 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%	22 Aug 18
Hot rolled coil	595-600*	0%	22 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	475-480*	0%	22 Aug 18
Slab	500-500*	2.56% ▲	22 Aug 18
Egyptian domestic			
<i>Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, EE per tonne ex-works</i>			
Rebar	12,525-12,528*	0%	16 Aug 18
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	507-520*	-1.25% ▼	16 Aug 18

CARBONSTEEL - LATIN AMERICA

	Price	Change†	Assessed
Latin American exports			
<i>Metal Bulletin's appraisal of Latin American mills' prices for export outside Latin America of commercial-quality carbon steel, \$ per tonne fob stowed main Latin American port</i>			
Billet	500-510*	0%	24 Aug 18
Slab, Brazil	520-580*	-1.35% ▼	24 Aug 18
Rebar	560-565*	0%	24 Aug 18
Wire rod mesh quality	595-600*	0%	24 Aug 18
Heavy plate over 10mm	640-650*	0%	24 Aug 18
Hot rolled coil (dry)	590-600*	0%	24 Aug 18
Cold rolled coil	670-675*	0%	24 Aug 18
Galvanized coil	800-810*	0%	24 Aug 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%	24 Aug 18
Hot rolled coil	600-620*	-2.4% ▼	24 Aug 18
Cold rolled coil	645-660*	0%	24 Aug 18
Galvanized coil	720-730*	-2.03% ▼	24 Aug 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*	3.14% ▲	03 Aug 18
Cold rolled coil	825-860*	2.74% ▲	03 Aug 18
Galvanized coil	1,035-1,170*	2.56% ▲	03 Aug 18
Rebar	820-860*	2.75% ▲	03 Aug 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	2,750-2,900*	5.61% ▲	03 Aug 18
Cold rolled coil	3,000-3,200*	5.08% ▲	03 Aug 18
Hot dip galvanized coil	3,500-3,600*	6.77% ▲	03 Aug 18
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,500-2,830*	7.46% ▲	03 Aug 18

	Price	Change†	Assessed
CARBONSTEEL - NAFTA			
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*	0.81% ▲	15 Aug 18
Merchant bars	640-680*	0%	27 Jul 18
Wire rod (low carbon)	744-762*	0%	22 Aug 18
Medium sections	900-920*	3.41% ▲	23 Aug 18
Medium plate	900-920*	2.25% ▲	22 Aug 18
Hot rolled coil (commodity)	760-840*	-1.23% ▼	22 Aug 18
Cold rolled coil	880-920*	0.56% ▲	22 Aug 18
Hot dipped galvanized 0.012-0.015, G30	1,140-1,150*	-2.14% ▼	22 Aug 18
ERW linepipe (X42)	1,130-1,160*	3.15% ▲	31 Jul 18
CTG API5CT - casing J55	1,130-1,225*	-3.09% ▼	31 Jul 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%	15 Aug 18
Wire rod (mesh quality fob mill)	765-765*	0%	22 Aug 18
Plate (fob mill)	960-960*	1.05% ▲	17 Aug 18
Hot rolled sheet index (fob mill)	866-866*	-2.65% ▼	23 Aug 18
Cold rolled sheet (fob mill)	1,000-1,000*	0%	23 Aug 18
Hot-dip galvanized (base) Midwest (fob mill)	1,005-1,005*	0%	23 Aug 18
OCTG API5CT - casing J55 (fob mill)	1,275-1,375*	-1.67% ▼	31 Jul 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%	27 Jul 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	563-563*	1.24% ▲	24 Aug 18
Wire rod (mesh quality)	580-590*	0%	21 Aug 18
Heavy plate	605-610*	0%	21 Aug 18
Hot rolled coil index	576-576*	0.85% ▲	24 Aug 18
Cold rolled coil	610-620*	0.41% ▲	21 Aug 18
Galvanized coil 1mm	670-680*	0%	21 Aug 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	4,450-4,500*	2.29% ▲	24 Aug 18
Wire rod (mesh)	4,450-4,500*	1.7% ▲	24 Aug 18
Sections	4,220-4,270*	0%	24 Aug 18
Plate	4,460-4,550*	2.04% ▲	24 Aug 18
Hot rolled coil (min 2mm)	4,390-4,410*	2.21% ▲	24 Aug 18
Cold rolled coil (0.5 - 2 mm)	4,870-4,950*	3.48% ▲	24 Aug 18
Hot-dip galvanized coil	5,060-5,120*	0.99% ▲	24 Aug 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	4,060-4,060*	0.5% ▲	24 Aug 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	4,320-4,380*	2.23% ▲	24 Aug 18
Rebar	4,330-4,430*	3.67% ▲	24 Aug 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	4,800-4,900*	2.11% ▲	24 Aug 18
Wire rod (mesh)	4,700-4,800*	0%	24 Aug 18
Sections	4,350-4,400*	1.16% ▲	24 Aug 18
Plate	4,540-4,610*	1.33% ▲	24 Aug 18
Hot rolled coil (min 2mm)	4,450-4,460*	1.83% ▲	24 Aug 18
Cold rolled coil (0.5 - 2 mm)	4,970-5,040*	2.46% ▲	24 Aug 18
Hot-dip galvanized coil	5,050-5,080*	1.2% ▲	24 Aug 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*	-1.4% ▼	24 Aug 18
Slab (Asia/East Asia)	530-540*	-1.83% ▼	20 Aug 18
Hot rolled coil (Vietnam)	590-595*	0%	20 Aug 18
Rebar (Singapore)	530-535*	-2.74% ▼	20 Aug 18
Wire rod (low carbon)	585-595*	-0.42% ▼	20 Aug 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%	17 Aug 18
Plate (12-40mm)	600-605*	-1.63% ▼	17 Aug 18
Hot rolled coil (commodity)	585-590*	1.73% ▲	17 Aug 18
Hot-dip galvanized coil	750-755*	-3.83% ▼	17 Aug 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)	660-665*	0%	17 Aug 18
Hot rolled coil (commodity)	610-620*	0%	17 Aug 18
Hot rolled coil (CR grade)	620-625*	0%	17 Aug 18
Cold rolled	640-645*	0%	17 Aug 18
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	34,500-34,700*	5.17% ▲	17 Aug 18
Heavy plate	44,000-44,500*	0%	17 Aug 18
Hot rolled coil	44,500-45,000*	0%	17 Aug 18
Cold rolled coil	49,500-50,000*	0%	17 Aug 18
DRI	23,700-23,900*	3.93% ▲	17 Aug 18
Hot-dip galvanized coil	54,000-54,500*	0%	17 Aug 18
Rebar	37,300-37,500*	3.03% ▲	17 Aug 18

STEELBENCHMARKER™ PRICES

	Price	Change†	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	1,095	1.58% ▲	13 Aug 18
Standard plate (\$/short ton)	993	1.53% ▲	13 Aug 18
Hot rolled coil (\$/metric tonne)	997	0.2% ▲	13 Aug 18
Hot rolled coil (\$/short ton)	904	0.11% ▲	13 Aug 18
Cold rolled coil (\$/metric tonne)	1,064	-2.92% ▼	13 Aug 18
Cold rolled coil (\$/short ton)	965	-2.92% ▼	13 Aug 18
Region: Mainland China			
Rebar	537	4.27% ▲	13 Aug 18
Standard plate	546	0.55% ▲	13 Aug 18
Hot rolled coil	531	0.19% ▲	13 Aug 18
Cold rolled coil	593	0.34% ▲	13 Aug 18
Region: World export market			
Hot rolled coil (\$/metric tonne)	588	-0.84% ▼	13 Aug 18

STAINLESS STEEL

	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,120-2,205*	-0.57% ▼	23 Aug 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	15,300-15,500*	0%	22 Aug 18
Grade 430 2mm CR coil	8,500-8,550*	-0.58% ▼	22 Aug 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	1,000-1,050*	0%	24 Aug 18
Alloy surcharge	1,559-1,584*	0%	24 Aug 18
2mm 316 cold rolled stainless steel, €/tonne			
Base price	1,300-1,350*	0%	24 Aug 18
Alloy surcharge	2,264-2,312*	0%	24 Aug 18
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,080*	0%	24 Aug 18
Alloy surcharge	1,920-1,984*	0%	24 Aug 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	125-125*	-2.73% ▼	10 Aug 18
Grade 316 coiled plate	177-177*	-3.02% ▼	10 Aug 18
Grade 304 cold rolled sheet	141-141*	-2.43% ▼	10 Aug 18
Grade 316L cold rolled sheet	187-187*	-2.86% ▼	10 Aug 18
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,422.18*	-2.65% ▼	20 Aug 18

CHINA IRON ORE

<i>cfr main China port \$ per dry metric tonne</i>			
	Price	Change†	Assessed
Iron ore index (62% Fe)	67.03*	-0.89% ▼	24 Aug 18
Iron ore pellet index cfr Qingdao (65% Fe)	158.93*	6.63% ▲	24 Aug 18
Iron ore concentrate index cfr Qingdao (66% Fe)	95.56*	-0.4% ▼	24 Aug 18
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.24*	10.71% ▲	01 Aug 18

COKING COAL

<i>\$ per metric tonne</i>			
	Price	Change†	Assessed
Premium hard coking coal cfr China	187.47-187.47*	-0.76% ▼	24 Aug 18
Hard coking coal cfr China	170.45-170.45*	0.26% ▲	24 Aug 18
Premium hard coking coal fob Australia	189.62-189.62*	0.8% ▲	24 Aug 18
Hard coking coal fob Australia	162.65-162.65*	-1.43% ▼	24 Aug 18
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,330-1,745*	0.82% ▲	24 Aug 18
65% CSR coke \$/tonne fob China	365-370*	3.52% ▲	21 Aug 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	190-215*	-6.9%	▼ 13 Aug 18
1&2 old steel	170-195*	-7.59%	▼ 13 Aug 18
12A/C new production heavy and shovellable steel	210-235*	-6.32%	▼ 13 Aug 18
12D new production heavy and shovellable steel	215-240*	-6.19%	▼ 13 Aug 18
Bales and cuttings			
4A new steel bales	215-240*	-6.19%	▼ 13 Aug 18
4C new steel bales	205-230*	-6.45%	▼ 13 Aug 18
8A new loose light cuttings	200-230*	-6.52%	▼ 13 Aug 18
8B new loose light cuttings	185-215*	-6.98%	▼ 13 Aug 18
Turnings			
UK inter-merchant 7B heavy steel turnings	150-170*	-8.57%	▼ 13 Aug 18
Cast iron			
9A/10 heavy and light cast iron	170-195*	-7.59%	▼ 13 Aug 18
9B/C cylinder block scrap	190-215*	-6.9%	▼ 13 Aug 18
11A cast iron borings	110-130*	-11.11%	▼ 13 Aug 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	85-120*	-2.38%	▼ 24 Aug 18
UK ferrous scrap export			
<i>MB assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	261-263*	-12.67%	▼ 17 Aug 18
Shredded	266-268*	-13.87%	▼ 17 Aug 18
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	342.67*	-0.39%	▼ 24 Aug 18
HMS 1&2 (80:20 mix)	310-330*	0.79%	▲ 24 Aug 18
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	940-1,000*	0%	24 Aug 18
18/8 turnings	800-850*	0%	24 Aug 18
12-13% Cr solids	215-255*	0%	24 Aug 18
16-17% Cr solids	245-290*	0%	24 Aug 18
Cif Europe stainless € per tonne			
18/8 solids	1,120-1,150*	0%	24 Aug 18
18/8 turnings	1,010-1,035*	0%	24 Aug 18
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	294.45*	-2.05%	▼ 17 Aug 18
HMS 1&2 (70:30 mix)	266-268*	-9.49%	▼ 17 Aug 18
Shredded	275-277*	-10.97%	▼ 17 Aug 18
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	290.97*	0.08%	▲ 24 Aug 18
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	302.17*	0.11%	▲ 24 Aug 18
HMS 1&2 (75:25 mix)	285-287*	-8.92%	▼ 17 Aug 18
Shredded	304-306*	-8.55%	▼ 17 Aug 18

	Price	Change	Assessed
Turkish domestic			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	250-250*	-24.47%	▼ 13 Aug 18
Auto bundle scrap (Turkish lira/tonne)	1,600-1,770*	5.97%	▲ 13 Aug 18
USA export			
<i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	279*	-9.12%	▼ 22 Aug 18
Shredded	284*	-12.62%	▼ 22 Aug 18
USA domestic			
<i>AMM Midwest index \$/gross ton delivered mill</i>			
No1 heavy melting scrap	319.26*	-5%	▼ 10 Aug 18
No1 busheling	392.41*	-2.47%	▼ 10 Aug 18
Shredded	341.46*	-5.91%	▼ 10 Aug 18
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,690-2,820*	3.77%	▲ 24 Aug 18
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	320-322*	-0.47%	▼ 24 Aug 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)	280-295	-1.71%	▼ 10 Aug 18
No E8 (thin new production steel scrap)	285-295	-0.85%	▼ 10 Aug 18
No E3 (old thick scrap)	280-290	-0.87%	▼ 10 Aug 18
Italy domestic			
<i>MB assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	280	0%	10 Aug 18
No E8 (thin new production steel)	295	0%	10 Aug 18

SCRAP SUBSTITUTES

	Price	Change†	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	395-400*	-2.45%	▼ 23 Aug 18
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	235-240*	-2.06%	▼ 24 Aug 18
Pig iron fob Vitoria/Rio	365-370*	-2.52%	▼ 24 Aug 18
Pig iron fob Ponta da Maderia	385-390*	0%	24 Aug 18
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	395-398*	-1.49%	▼ 24 Aug 18
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	400-405*	-1.23%	▼ 23 Aug 18
Pig iron Black Sea	375-380*	-2.58%	▼ 23 Aug 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	1,200-1,240*	-1.21% ▼	17 Aug 18
Cast	1,105-1,175*	-0.87% ▼	17 Aug 18
Mixed turnings 6%	965-1,005*	-1.01% ▼	17 Aug 18
Germany per 1000kg			
Pure cuttings	1,350-1,430	1.46% ▲	22 Aug 18
Commercial cast	1,170-1,290	0% ▼	22 Aug 18
H9 extrusions	1,720-1,820	-0.56% ▼	22 Aug 18
Alloy turnings	840-960	1.12% ▲	22 Aug 18
<i>Source: VDM</i>			
France per 1000kg			
Pure cuttings	1,600-1,620	0% ▼	24 Jul 18
Old rolled	700-720	-2.07% ▼	24 Jul 18
Commercial cast	850-900	0% ▼	24 Jul 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,135-1,165	-0.86% ▼	27 Jul 18
Old mixed scrap	1,570-1,620	-0.31% ▼	27 Jul 18
Commercial cast	985-1,015	-0.99% ▼	27 Jul 18
<i>Source: Assomet</i>			
Copper			
Germany per 1000kg			
Copper wire (berry)	4,870-5,050	-0.6% ▼	22 Aug 18
Heavy copper	4,520-4,570	-0.44% ▼	22 Aug 18
Heavy brass	3,220-3,460	-0.6% ▼	22 Aug 18
Brass turnings (MS 58)	3,630-3,720	-0.54% ▼	22 Aug 18
Brass sheet (MS 63)	3,710-3,800	-1.05% ▼	22 Aug 18
<i>Source: Verein Deutscher Metallhandler</i>			
France per 1000kg			
Electro cuttings	4,700-4,730	-0.63% ▼	24 Jul 18
No 1 bright wire	4,300-4,400	-0.91% ▼	24 Jul 18
Mixed (96%)	4,300-4,350	0% ▼	24 Jul 18
Brass plate cuttings 70/30	3,570-3,600	-0.97% ▼	24 Jul 18
Brass turnings	3,400-3,450	0% ▼	24 Jul 18
Mixed brass	3,100-3,150	-1.57% ▼	24 Jul 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	4,980-5,140	1.3% ▲	27 Jul 18
Enamelled wire EN 12861-S-Cu-3	4,858-5,020	1.33% ▲	27 Jul 18
New from tubes, strips etc EN 12861-S-Cu-4	4,882-5,110	1.32% ▲	27 Jul 18
Old from tubes, strips etc 12861-S-Cu-7	4,710-4,880	1.37% ▲	27 Jul 18
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,905-4,020	1.02% ▲	27 Jul 18
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,140-3,470	1.23% ▲	27 Jul 18
Several 95% m/m 12861-S-Cu-Zn-7	3,190-3,270	1.25% ▲	27 Jul 18
<i>Source: Assomet</i>			

STEELBENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne) **	344	-6.78% ▼	13 Aug 18
Shredded scrap (\$/gross ton) **	350	-6.67% ▼	13 Aug 18
No 1 heavy melting scrap (\$/metric tonne)	320	-6.98% ▼	13 Aug 18
No 1 heavy melting scrap (\$/gross ton)	325	-7.14% ▼	13 Aug 18
No 1 busheling scrap (\$/metric tonne)	399	-2.21% ▼	13 Aug 18
No 1 busheling scrap (\$/gross ton)	405	-2.41% ▼	13 Aug 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	1,425-1,465*	0% ▼	22 Aug 18
Commercial pure cuttings	1,160-1,200*	0% ▼	22 Aug 18
Clean HE9 extrusions	1,430-1,470*	0% ▼	22 Aug 18
Loose old rolled cuttings	840-870*	-1.16% ▼	22 Aug 18
Baled old rolled	900-925*	-1.08% ▼	22 Aug 18
Commercial cast	1,025-1,050*	-0.24% ▼	22 Aug 18
Cast wheels	1,255-1,285*	-0.39% ▼	22 Aug 18
Commercial turnings	670-710*	-1.43% ▼	22 Aug 18
Group 7 turnings	580-600*	-0.84% ▼	22 Aug 18

MB and LME aluminium scrap discounts

£ per tonne			
Group 1 pure 99% & Litho	116-156*	-30.61% ▼	22 Aug 18
Commercial pure cuttings	381-421*	-13.02% ▼	22 Aug 18
Clean HE9 extrusions	111-151*	-31.41% ▼	22 Aug 18
Loose old rolled cuttings	418-448*	-15.1% ▼	22 Aug 18
Baled old rolled	363-388*	-17.02% ▼	22 Aug 18
Commercial cast	238-263*	-25.22% ▼	22 Aug 18
Cast wheels	3-33*	-82% ▼	22 Aug 18
Commercial turnings	578-618*	-11.41% ▼	22 Aug 18
Group 7 turnings	688-708*	-10.51% ▼	22 Aug 18

Titanium

\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1.10-1.20*	4.55% ▲	22 Aug 18
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.99-1.04*	4.64% ▲	22 Aug 18

Copper scrap discount

cents/lb			
No 2 copper (birch/cliff) imported into China 94-96% cif China	26-28*	3.85% ▲	30 Jul 18

† week-on-week change

continued ➤

NON-FERROUS FOUNDRY INGOTS

	Price	Change ¹	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,640-1,680*	0%	22 Aug 18
LM6/LM25 gravity diecasting ingot	1,840-1,900*	0%	22 Aug 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	1,690-1,730*	0%	17 Aug 18
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.95-0.97*	-0.52% ▼	23 Aug 18
AFFIMET €/tonne			
AS12	3,859	-2.03% ▼	01 Jul 18
AS12 UN	2,935	-1.68% ▼	01 Jul 18
AS9 U3	2,310	-2.12% ▼	01 Jul 18
AS5 U3	2,660	-1.85% ▼	01 Jul 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,410-2,510	0%	22 Aug 18
DIN 231	2,490-2,590	0%	22 Aug 18
DIN 311	2,470-2,570	0%	22 Aug 18
Aluminium bronze £/tonne UK			
AB1 ex-works	4,800	-1.03% ▼	21 Aug 18
AB2 ex-works	4,850	-1.02% ▼	21 Aug 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,125	-0.6% ▼	21 Aug 18
High tensile HTB1 ex-works	4,375	-0.57% ▼	21 Aug 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,650	-0.43% ▼	21 Aug 18
LG4 87/7/3/3 ex-works	5,480	-0.36% ▼	21 Aug 18
G1 1.15 PB ex-works	6,100	0%	21 Aug 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,550	-0.76% ▼	21 Aug 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,060	-0.82% ▼	21 Aug 18
15% P ex-works	6,110	-0.81% ▼	21 Aug 18
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,581	-4.65% ▼	01 Aug 18
Brock Metal ZL5	2,609	-4.64% ▼	01 Aug 18

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Monthly averages: July

BASE METALS

		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		74.64	89.77
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		145.67	160.56
Alumina			
Index fob Australia		490.91	
Copper			
US High-grade cathode premium indicator, \$/tonne		152.12	163.14
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	204	244
	4x4 cathodes	366	426
	Briquettes	260	280
US	Melting \$/lb	0.25	0.38
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		299	339
Spot premium 99.85%, \$/tonne		275	300
Kuala Lumpur (ex-smelter), \$/tonne		19,660.45	

MINOR METALS

Antimony			
MB free marketRegulus 99.65%, max Se 50ppm, in warehouse,\$/tonne			
		7,850	8,143.75
MMTA Standard grade II, \$/tonne		7,850	8,143.75
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb			
		4.24	4.85
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		124.38	135
min 99.99%, in warehouse cents/lb		129.38	140
Cobalt			
MB free market			
High Grade, in warehouse, \$/lb		37.13	38.81
Low Grade, in warehouse, \$/lb		37.06	38.73
Germanium Dioxide			
MB free market min 99.99%, \$/kg			
		1,070	1,250
Rotterdam, \$/kg		1,552.5	1,652.5
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg			
		282.5	303.75
Magnesium			
MB free market min 99.8%, \$/tonne			
		2,480	2,580
China free market min 99.8%, \$/tonne		2,492.5	2,535
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	13.64	15.75
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,100	2,200
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.74	5.25

ORES & ALLOYS

	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdic oxide \$/lb Mo	11.16	11.31
US canned molybdic oxide \$/lb Mo	11.26	11.45
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	27.43	27.79
Tungsten		
European free market APT, \$/mtu	334.5	341.5
Ferro-tungsten		
basis 75% W min, \$/kg	38	39
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	18.85	19.59
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	80.24	82.31
US Free market 70-80%, \$/lb	37.90	38.88

PRECIOUS METALS

Gold		
London \$/troy oz	Morning	1,238.06
	Afternoon	1,238.53
London £/troy oz	Morning	940.07
	Afternoon	940.48
\$/troy oz	Handy/Harman	1,237.71
Palladium		
Morning \$/troy oz		931
Afternoon \$/troy oz		931.14
Platinum: per troy oz		
Morning \$/troy oz		830.73
Afternoon \$/troy oz		832.11
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz		
		2,238.18 2,338.18
Silver		
London		
spot pence/troy oz		1,192.77
spot cents/troy oz		1,571
Handy/Harman cents/troy oz		1,572.30

† week-on-week change

continued ➤

FOUNDRY INGOTS

	Low	High
Aluminium		
LM24, £/tonne	1,640	1,685
LM6/LM25, £/tonne	1,842.5	1,902.5
Aluminium Europe €/tonne	1,732.5	1,772.5
Phosphor Bronze		
PB1 ex-works, £/tonne	6,804	
Zinc Alloy		
ZL3, £/tonne	2,707	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.32
\$/yen	111.46
\$/€	1.17

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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 July (22 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	Jan-July 2018		July
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	1,966.5	2,600	2,098.28
3 months	1,987.5	2,586.5	2,075.74
Settlement	1,967	2,602.5	2,098.93
3 months seller	1,988	2,587	2,076.32
Copper Grade A (\$)			
Cash	5,981.5	7,262	6,247.61
3 months	6,005.5	7,267	6,265.60
Settlement	5,982	7,262.5	6,248.18
3 months seller	6,006	7,268	6,266.43
Copper Grade A (£)			
Settlement	4,568.46	5,421.80	4,744.37
3 months seller	4,586.19	5,402.51	4,739.34
Lead (\$)			
Cash	2,092.25	2,682.75	2,212.39
3 months	2,107.5	2,655.5	2,224.92
Settlement	2,092.5	2,683	2,212.91
3 months seller	2,108	2,656	2,225.75
Lead (£)			
Settlement	1,609.69	1,928.42	1,680.12
3 months seller	1,616.56	1,915.31	1,683.17
Nickel (\$)			
Cash	12,410	15,747.5	13,767.73
3 months	12,465	15,785	13,862.61
Settlement	12,415	15,750	13,772.05
3 months seller	12,470	15,790	13,868.86
Tin (\$)			
Cash	19,402.5	22,102.5	19,689.32
3 months	19,302.5	21,907.5	19,602.61
Settlement	19,405	22,105	19,700.45
3 months seller	19,305	21,910	19,609.77

	Jan-July 2018		July
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	2,526.5	3,617.5	2,658.18
3 months	2,499	3,585.5	2,619.63
Settlement	2,527	3,618	2,658.73
3 months seller	2,500	3,586	2,620.16
Cobalt (\$)			
Cash	67,750	95,250	70,693.18
3 months	67,750	95,250	70,693.18
Settlement	68,000	95,500	70,943.18
3 months seller	68,000	95,500	70,943.18
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	1,660	2,015	1,758.52
3 months	1,665	2,020	1,764.45
Settlement	1,665	2,020	1,763.18
3 months seller	1,670	2,025	1,770.05
Nasaa (\$)			
Cash	1,635	2,026.5	1,680.77
3 months	1,670	2,060	1,709.32
Settlement	1,640	2,027	1,682.57
3 months seller	1,675	2,065	1,713.86

LME SETTLEMENT CONVERSION RATES

\$/£	1.32
\$/yen	111.48
\$/€	1.17