

Prices

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NEW YORK FUTURES

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	268.60	-2.96% ▼	19 Jul 18
Open interest	307,401	7.93% ▲	18 Jul 18
Stocks (short ton)	216,375	-2.09% ▼	18 Jul 18
Comex: Gold \$/troy oz			
Settlement	1,222.40	-1.82% ▼	19 Jul 18
Open interest	532,128	4.88% ▲	18 Jul 18
Stocks (troy oz)	8,661,381	0.04% ▲	18 Jul 18
Nymex: Palladium \$/troy oz			
Settlement	866.20	-8.71% ▼	19 Jul 18
Stocks (troy oz)	40,458	0% ▼	18 Jul 18
Nymex: Platinum \$/troy oz			
Settlement	800.60	-4.95% ▼	19 Jul 18
Stocks (troy oz)	184,526	-0.03% ▼	18 Jul 18
Comex: Silver cents/troy oz			
Settlement	1,534	-3.51% ▼	19 Jul 18
Open interest	212,996	2.5% ▲	18 Jul 18

SHANGHAI FUTURES

	Price	Change [†]	Assessed
Aluminium yuan/tonne	13,975	0.54% ▲	20 Jul 18
Copper yuan/tonne	48,540	0.25% ▲	20 Jul 18
Nickel cathode yuan/tonne	109,200	-2.76% ▼	20 Jul 18
Tin ingot yuan/tonne	144,610	1.18% ▲	20 Jul 18
Zinc yuan/tonne	21,480	2.78% ▲	20 Jul 18
Steel rebar month 1 yuan/tonne	4,068	0.94% ▲	20 Jul 18
Steel rebar month 2 yuan/tonne	4,057	-0.44% ▼	20 Jul 18
Steel rebar month 3 yuan/tonne	3,979	-1.73% ▼	20 Jul 18
Weekly stocks deliverable			
Aluminium (tonnes)	911,548	-0.67% ▼	20 Jul 18
Copper (tonnes)	211,319	-9.96% ▼	20 Jul 18
Nickel cathode (tonnes)	21,358	-9.84% ▼	20 Jul 18
Tin ingot (tonnes)	7,003	-3.91% ▼	20 Jul 18
Zinc (tonnes)	54,083	-6.78% ▼	20 Jul 18
Steel rebar (tonnes)	4,150	0% ▼	20 Jul 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	2,074.5-2,075	-1.25% ▼	20 Jul 18
Cash unofficial	2,049.5-2,051.5	-2.26% ▼	19 Jul 18
3 months official	2,029-2,031	-1.04% ▼	20 Jul 18
3 months unofficial	2,009-2,011	-1.9% ▼	19 Jul 18
LME Tapo notional average price (NAP)	2,114.93	-0.68% ▼	19 Jul 18
LME stocks (tonnes)	1,208,400	5.56% ▲	19 Jul 18
Aluminium alloy (A380. 1/DIN/D12S) \$			
LME cash official	1,740-1,750	-2.24% ▼	20 Jul 18
LME cash unofficial	1,740.5-1,750.5	-1.66% ▼	19 Jul 18
LME 3 months official	1,745-1,755	-1.96% ▼	20 Jul 18
LME 3 months unofficial	1,745-1,755	-1.41% ▼	19 Jul 18
LME stocks (tonnes)	12,520	0% ▼	19 Jul 18

	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,660-1,670	0%	20 Jul 18
LME cash unofficial	1,674.5-1,684.5	-0.06% ▼	19 Jul 18
LME 3 months official	1,690-1,700	0.3%	20 Jul 18
LME 3 months unofficial	1,705-1,715	0.29%	19 Jul 18
LME stocks (tonnes)	158,260	-0.84% ▼	19 Jul 18
Copper grade A \$			
LME cash official	6,072-6,073	-1.51% ▼	20 Jul 18
LME cash unofficial	6,027.5-6,029.5	-2.58% ▼	19 Jul 18
LME 3 months official	6,097-6,099	-1.33% ▼	20 Jul 18
LME 3 months unofficial	6,053-6,055	-2.45% ▼	19 Jul 18
LME Tapo notional average price (NAP)	6,279.32	-1.56% ▼	19 Jul 18
LME stocks (tonnes)	255,325	-1.31% ▼	19 Jul 18
Lead \$			
LME cash official	2,098-2,100	-2.89% ▼	20 Jul 18
LME cash unofficial	2,125-2,127	-0.77% ▼	19 Jul 18
LME 3 months official	2,120-2,120.5	-2.81% ▼	20 Jul 18
LME 3 months unofficial	2,144-2,146	-0.74% ▼	19 Jul 18
LME stocks (tonnes)	128,275	0.53% ▲	19 Jul 18
Nickel \$			
LME cash official	13,420-13,425	-3.21% ▼	20 Jul 18
LME cash unofficial	13,260-13,285	-5.82% ▼	19 Jul 18
LME 3 months official	13,500-13,540	-3.24% ▼	20 Jul 18
LME 3 months unofficial	13,350-13,375	-5.81% ▼	19 Jul 18
LME stocks (tonnes)	259,266	-1.66% ▼	19 Jul 18
Tin \$			
LME cash official	19,450-19,475	-1.52% ▼	20 Jul 18
LME cash unofficial	19,490-19,540	-1.31% ▼	19 Jul 18
LME 3 months official	19,425-19,435	-0.93% ▼	20 Jul 18
LME 3 months unofficial	19,400-19,450	-1.27% ▼	19 Jul 18
LME stocks (tonnes)	3,150	-4.4% ▼	19 Jul 18
Zinc special high grade \$			
LME cash official	2,634-2,635	1.09% ▲	20 Jul 18
LME cash unofficial	2,622-2,624	1.1% ▲	19 Jul 18
LME 3 months official	2,582-2,583	0.33% ▲	20 Jul 18
LME 3 months unofficial	2,575-2,577	0.19% ▲	19 Jul 18
LME stocks (tonnes)	233,200	-4.36% ▼	19 Jul 18
Cobalt min 99.3%			
LME cash official	69,500-70,000	-0.71% ▼	20 Jul 18
LME 3 months official	69,500-70,000	-0.71% ▼	20 Jul 18
LME stocks (tonnes)	615	-3.61% ▼	19 Jul 18
Molybdenum \$			
LME cash official	24,000-26,000	0%	20 Jul 18
LME 3 months official	24,000-26,000	0%	20 Jul 18
LME stocks (tonnes)	0	0%	19 Jul 18

[†] week-on-week change

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	Price	Change	Assessed
Gold \$/troy oz			
London morning	1,217.40	-2.21% ▼	19 Jul 18
London afternoon	1,217.55	-2.28% ▼	19 Jul 18
Handy/Harman	1,217.55	-2.28% ▼	19 Jul 18
Silver per troy oz			
London spot pence	1,175	-2.08% ▼	19 Jul 18
London spot cents	1,526	-3.66% ▼	19 Jul 18
Handy/Harman	1,529.10	-4.41% ▼	19 Jul 18
Palladium \$/troy oz			
London morning	904	-4.03% ▼	19 Jul 18
London afternoon	886	-5.54% ▼	19 Jul 18
Platinum \$/troy oz			
London morning	804	-3.37% ▼	19 Jul 18
London afternoon	798	-4.77% ▼	19 Jul 18
Kuala Lumpur tin market			
Tin \$/tonne	19,580	-0.56% ▼	20 Jul 18
ICDX			
Tin PB300 settlement price \$/tonne	19,675	-0.63% ▼	20 Jul 18
Tin PB300 volume, tonnes	55	83.33% ▲	20 Jul 18

RAND FIXING PRICES

Rand fixing prices per tonne for London Metal Exchange trade

	Price	Change†	Assessed
Copper	81,989.14	0.25% ▲	20 Jul 18
Aluminium	28,013.75	0.48% ▲	20 Jul 18
Lead	28,351.26	-1.13% ▼	20 Jul 18
Zinc	35,574.08	2.88% ▲	20 Jul 18
Nickel	181,245.56	-1.48% ▼	20 Jul 18
Tin	262,924.19	0.25% ▲	20 Jul 18

EXCHANGE RATES

	Price	Change†	Assessed
LME settlement conversion rates			
\$/£	1.3046	-0.64% ▼	20 Jul 18
\$/¥	112.2700	-0.33% ▼	20 Jul 18
\$/€	1.1663	0.31% ▲	20 Jul 18
Closing rates, midpoint			
\$/£	1.3002	-1.68% ▼	19 Jul 18
\$/¥	112.9000	0.43% ▲	19 Jul 18
\$/€	1.1613	-0.62% ▼	19 Jul 18
£/€	1.1197	-1.07% ▼	19 Jul 18
\$/CNY	6.7719	1.57% ▲	19 Jul 18

BASE METALS ARBITRAGE

	Price	Change†	Assessed
Aluminium			
Import arbitrage, \$/tonne	-423.05*	1.38% ▲	20 Jul 18
Import arbitrage, yuan/tonne	-2,872.45*	2.98% ▲	20 Jul 18
Copper			
Import arbitrage, \$/tonne	-42.82*	-30.68% ▼	20 Jul 18
Import arbitrage, yuan/tonne	-290.74*	-29.59% ▼	20 Jul 18
Nickel			
Import arbitrage, \$/tonne	-64.82*	-45.49% ▼	20 Jul 18
Import arbitrage, yuan/tonne	-440.15*	-44.63% ▼	20 Jul 18
Zinc			
Import arbitrage, \$/tonne	46.46*	16.94% ▲	20 Jul 18
Import arbitrage, yuan/tonne	315.46*	18.77% ▲	20 Jul 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	42.0-50.0*	0%	17 Jul 18
Germany, Grade A, cathode, delivered, \$/tonne	90.0-95.0*	0%	17 Jul 18
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	17 Jul 18
South European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	17 Jul 18
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	60.0-70.0*	0%	17 Jul 18
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	65*	0%	17 Jul 18
Japan, copper, Grade A, cathode, cif, \$/tonne	65.0-75.0*	0%	17 Jul 18
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	65.0-75.0*	3.7% ▲	17 Jul 18
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	70*	4.48% ▲	17 Jul 18
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	5.0-15.0*	0%	17 Jul 18
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-15.0*	0%	17 Jul 18
Southeast Asia, Grade A cathode, cif, \$ per tonne	75.0-82.0*	1.95% ▲	17 Jul 18
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	62.0-79.0*	-0.7% ▼	20 Jul 18
Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	72*	1.41% ▲	20 Jul 18
Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	61.0-75.0*	-0.73% ▼	20 Jul 18
Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	70*	0%	20 Jul 18
Shanghai, copper cif ER, premium, Grade A, cathode, \$/tonne	68.0-75.0*	0%	20 Jul 18
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	61.0-66.0*	0%	20 Jul 18
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	62.0-66.0*	-3.03% ▼	20 Jul 18
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	72.0-79.0*	2.03% ▲	20 Jul 18
Taiwan, Grade A cathode, cif, \$ per tonne	67.0-75.0*	1.43% ▲	17 Jul 18
MB free market US: High-grade cathode premium indicator, \$/tonne	154.3-165.3*	0%	17 Jul 18
United States warrants, Grade A cathode, \$/tonne	10.0-15.0*	0%	17 Jul 18
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	70.0-90.0*	-3.03% ▼	20 Jul 18
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot weighted average, \$/tonne	80*	-3.61% ▼	20 Jul 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	90-105*	0%	17 Jul 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	100*	0%	17 Jul 18
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	5.0-15.0*	0%	17 Jul 18
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	5.0-15.0*	0%	17 Jul 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%	17 Jul 18
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	99*	0%	17 Jul 18
Aluminium P1020A, Singapore, fob, \$/tonne	100.0-115.0*	0%	17 Jul 18
Aluminium P1020A, South Korea, fca, \$/tonne	105.0-115.0*	0%	17 Jul 18
Aluminium P1020A, Malaysia, fob, \$/tonne	100.0-115.0*	0%	17 Jul 18
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	17 Jul 18
Aluminium P1020A, Taiwan, cif, \$/tonne	90.0-110.0*	0%	17 Jul 18
Aluminium P1020A, Antwerp, in-warehouse duty-unpaid, \$/tonne	70.0-88.0*	-4.82% ▼	17 Jul 18
Aluminium P1020A, Antwerp, in-warehouse duty-paid, \$/tonne	140.0-158.0*	-2.61% ▼	17 Jul 18
Aluminium P1020A, Vlissingen, in-warehouse duty-unpaid, spot, \$/tonne	70.0-88.0*	-4.82% ▼	17 Jul 18
Aluminium P1020A, Vlissingen, in-warehouse duty-paid, spot, \$/tonne	140.0-158.0*	-2.61% ▼	17 Jul 18
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	200.0-220.0*	-4.55% ▼	17 Jul 18
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	200.0-220.0*	-4.55% ▼	17 Jul 18
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	130.0-140.0*	0%	17 Jul 18
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	80.0-100.0*	-10% ▼	17 Jul 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	15,000-15,200*	-1.63% ▼	18 Jul 18
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,770-1,780*	-1.66% ▼	18 Jul 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	140.0-160.0*	-2.6% ▼	20 Jul 18
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	480.0-520.0*	0%	20 Jul 18
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.198-0.203*	0.63% ▲	20 Jul 18
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	17 Jul 18
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	420.0-500.0*	-5.64% ▼	17 Jul 18
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	200.0-230.0*	-2.27% ▼	17 Jul 18
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	350.0-400.0*	-3.85% ▼	15 Jun 18
Aluminium extrusion billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	520.0-560.0*	0%	20 Jul 18
Aluminium extrusion billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	530.0-575.0*	0%	20 Jul 18
Aluminium extrusion billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	530.0-550.0*	0%	20 Jul 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%	20 Jul 18
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	420.0-460.0*	0%	13 Jul 18
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	430.0-480.0*	0%	13 Jul 18
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	15.0-17.0*	0%	13 Jul 18
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	13 Jul 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%	17 Jul 18
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	17 Jul 18
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	17 Jul 18
Southeast Asia, min 99.97% cif, \$/tonne	65.0-85.0*	0%	17 Jul 18
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	17 Jul 18
Taiwan, 99.97% purity, cif, \$/tonne	85.0-100.0*	0%	17 Jul 18
Taiwan, 99.99% purity, cif, \$/tonne	135.0-150.0*	0%	17 Jul 18
India, 99.97% purity, cif, \$/tonne	50.0-65.0*	0%	17 Jul 18
India, 99.99% purity, cif, \$/tonne	160.0-170.0*	0%	17 Jul 18
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	17 Jul 18
Rotterdam, 99.97% purity, duty-paid fca, \$/tonne	65.0-75.0*	0%	17 Jul 18
Rotterdam, 99.99% purity, duty-paid fca, \$/tonne	160.0-180.0*	0%	17 Jul 18
Italy, 99.97% purity, duty-paid fca, \$/tonne	110.0-120.0*	0%	17 Jul 18
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	17 Jul 18
US lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	17 Jul 18
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	17 Jul 18
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	17 Jul 18
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	160.0-170.0*	0%	17 Jul 18
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	165*	0%	17 Jul 18
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	150.0-160.0*	0%	17 Jul 18
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	155*	0%	17 Jul 18
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	110-170*	0%	17 Jul 18
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	17 Jul 18
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	110-170*	0%	17 Jul 18
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	17 Jul 18
North European warrants, min 99.80%, in-warehouse, \$/tonne	190-230*	0%	17 Jul 18
uncut cathodes premium indicator	200.0-240.0*	-4.35% ▼	17 Jul 18

† week-on-week change

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	Price	Change	Assessed
4x4 cathodes premium indicator	365.0-425.0*	0%	17 Jul 18
briquettes premium indicator	260.0-280.0*	0%	17 Jul 18
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	35-45*	0%	17 Jul 18
Nickel briquette premium, delivered consumer works US, US cents per pound	28-35*	0%	17 Jul 18
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	520-550*	0%	17 Jul 18
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	295-335*	-1.56% ▼	17 Jul 18
Rotterdam spot premium 99.85% ingot, in-warehouse \$/tonne	275-300*	0%	17 Jul 18
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	20-35*	0%	17 Jul 18
Singapore spot premium, 99.9% ingots, in-warehouse \$/tonne	-25-25*	0%	17 Jul 18
Singapore spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	250-300*	0%	17 Jul 18
Shanghai spot premium, 99.85% ingots, cif, \$/tonne	150-170*	0%	17 Jul 18
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	17 Jul 18
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	17 Jul 18
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	220-240*	0%	17 Jul 18
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	500-600*	0%	17 Jul 18
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	550-625*	0%	17 Jul 18
US New York spot, cents/lb	946-947	-1.76% ▼	25 Jun 18
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	40.0-70.0*	0%	17 Jul 18
MB EU: Special high grade, fca Rotterdam, \$/tonne	115.0-125.0*	0%	17 Jul 18
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	75.0-90.0*	0%	17 Jul 18
Malaysia fca, 99.995%, \$/tonne	115.0-130.0*	-3.92% ▼	17 Jul 18
Southeast Asia cif, 99.995%, \$/tonne	140.0-150.0*	-3.33% ▼	17 Jul 18
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0*	0%	17 Jul 18
Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	82*	0%	17 Jul 18
Singapore, zinc premium, 99.995% purity, fca \$/tonne	115.0-130.0*	-3.92% ▼	17 Jul 18
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	120.0-130.0*	8.7% ▲	17 Jul 18
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	125*	8.7% ▲	17 Jul 18
Shanghai 99.995% purity, cif \$/tonne	110.0-120.0*	4.55% ▲	17 Jul 18
Taiwan 99.995% purity SHG ingots, cif \$/tonne	140.0-150.0*	0%	17 Jul 18
India 99.995% purity, cif duty-unpaid \$/tonne	90.0-100.0*	0%	17 Jul 18
India 99.995% purity, cif duty-paid \$/tonne	210.0-230.0*	0%	17 Jul 18
Antwerp 99.995% purity, duty-paid fca \$/tonne	115.0-125.0*	0%	17 Jul 18
Italy 99.995% purity, duty-paid fca \$/tonne	145.0-160.0*	-1.61% ▼	17 Jul 18
Italy 99.995% purity, delivered duty-paid \$/tonne	180.0-200.0*	-1.3% ▼	17 Jul 18
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	17 Jul 18
MB US: Special high grade, \$/lb	0.085-0.093*	0%	17 Jul 18

BASE METALS			
	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	2,800.0-2,950.0*	0%	19 Jul 18
Alumina Index fob Australia	507.31*	5.05% ▲	20 Jul 18
Alumina Index fob Brazil	4.65*		19 Jul 18
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	511.96*		20 Jul 18
Aluminium			
Shanghai bonded aluminium stocks, tonnes	4,500-5,600*	1%	▲ 02 Jul 18
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	19 Jul 18
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	19 Jul 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):	5,301.6-5,328.5	-1.01% ▼	18 Jul 18
cathodes:	5,240.0-5,310.0	-0.75% ▼	18 Jul 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	98,581.440	3.4% ▲	01 Jun 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.61-8.61*	7.89% ▲	13 Jul 18
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	86.10-86.10*	7.89% ▲	13 Jul 18
Shanghai bonded copper stocks, tonnes	507,000-528,000*	-1.9% ▼	16 Jul 18
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,090-1,100*	0%	17 Jul 18
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,100-1,120*	0%	17 Jul 18
Shanghai bonded nickel stocks, tonnes	40,000-45,000*	30.77% ▲	02 Jul 18
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	31-32*	0%	17 Jul 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%	17 Jul 18
Lead			
Germany: (VDM) virgin soft, €/tonne	2,010-2,050	-3.33% ▼	18 Jul 18
Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne	20-30*	42.86% ▲	29 Jun 18
Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	20-30*	25% ▲	29 Jun 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	2,390-2,390	3.02% ▲	18 Jul 18
UK: Special high grade, delivered monthly average price £/tonne	2,401*	-3.3% ▼	02 Jul 18
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	20-40*	9.09% ▲	29 Jun 18
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	3,600-3,750*	0%	29 Jun 18
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	3,300-3,400*	1.52% ▲	29 Jun 18
Shanghai bonded zinc stocks, tonnes	156,000-161,000*	-23.8% ▼	02 Jul 18

† week-on-week change

continued ➤

PRECIOUS METALS			
	Price	Change†	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	1,365-1,465*	0%	20 Jul 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,420	0.35% ▲	20 Jul 18
Englehard base price: \$/troy oz	1,420	0%	20 Jul 18
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	886-898*	-5.41% ▼	20 Jul 18
Englehard base price: \$/troy oz	890	-6.81% ▼	20 Jul 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	898	-5.27% ▼	20 Jul 18
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	798-818*	-3.52% ▼	20 Jul 18
Englehard base price: \$/troy oz	813	-3.67% ▼	20 Jul 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	818	-2.39% ▼	20 Jul 18
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	2,275-2,375*	2.65% ▲	20 Jul 18
Englehard base price: \$/troy oz	2,325	2.42% ▲	20 Jul 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	2,330	2.64% ▲	20 Jul 18
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	235-275*	0%	20 Jul 18
Englehard base price: \$/troy oz	255	0%	20 Jul 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	250	0%	20 Jul 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	7,800-8,100*	0%	20 Jul 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	7,800-8,100*	0%	20 Jul 18
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	51,000-52,000*	0%	18 Jul 18
Arsenic			
MB free market \$/lb	1.02-1.22*	0%	20 Jul 18
Bismuth			
MB free market \$/lb	4.30-5*	2.2% ▲	20 Jul 18
MB China domestic, min 99.99%, yuan/tonne	56,500-57,000*	0%	20 Jul 18
Cadmium			
MB free market min 99.95% cents/lb	125-135*	0%	20 Jul 18
MB free market min 99.99% cents/lb	130-140*	0%	20 Jul 18
Chromium			
MB free market alumino-thermic min 99% \$/tonne	12,700-13,400*	0%	20 Jul 18
Cobalt			
MB free market high-grade \$/lb	36.45-38.25*	-1.26% ▼	20 Jul 18
MB free market low-grade \$/lb	36.30-38*	-1.33% ▼	20 Jul 18
MB high-grade, weighted average of all confirmed international trades, \$/lb	37.28*	-1.89% ▼	20 Jul 18
MB low-grade, weighted average of all confirmed international trades, \$/lb	36.87*	-5.44% ▼	20 Jul 18
MB China domestic, min 99.8% yuan/tonne	515,000-550,000*	-0.93% ▼	20 Jul 18
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	390,000-420,000*	0%	20 Jul 18

	Price	Change	Assessed
Gallium			
MB free market \$/kg	190-230*	0%	20 Jul 18
MB China domestic, min 99.99%, yuan/kg	1,150-1,200*	-2.08% ▼	18 Jul 18
Germanium			
Germanium dioxide MB free market \$/kg	1,070-1,250*	0%	20 Jul 18
Germanium metal \$/kg Rotterdam	1,550-1,650*	0%	20 Jul 18
Germanium metal MB China domestic, min 99.999%, yuan/kg	9,000-9,600*	-1.59% ▼	18 Jul 18
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950-1,050*	0%	20 Jul 18
Indium			
MB free market \$/kg	285-300*	0%	20 Jul 18
MB China domestic, min 99.99% yuan/kg	1,700-1,760*	-1.7% ▼	18 Jul 18
Indium Corp ingots min 99.97% \$/kg fob	440	-40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,480-2,580*	0%	20 Jul 18
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,470-2,520*	0.4% ▲	20 Jul 18
MB Chinese free market min 99% Mg, ex-works yuan/tonne	16,300-16,500*	1.86% ▲	20 Jul 18
Manganese flake			
MB free market \$/tonne	2,900-3,050*	3.48% ▲	20 Jul 18
Mercury			
MB free market \$ per flask	2,750-3,100*	0%	20 Jul 18
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	726-755*	0%	20 Jul 18
APR catalytic grade \$/kg Re	1,460-1,610*	0%	20 Jul 18
Selenium			
MB free market \$/lb	13-15*	-1.06% ▼	20 Jul 18
MB China domestic, min 99.9%, yuan/kg	220-255*	-2.06% ▼	20 Jul 18
Selenium dioxide, MB China domestic, min 98%, yuan/kg	130-135*	1.92% ▲	20 Jul 18
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,100-2,200*	0%	20 Jul 18
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	2,000-2,050*	0%	20 Jul 18
US free market cents/lb	133-136*	-1.82% ▼	10 Jul 18
Export from mainland China min 98.5%, \$/tonne fob	1,630-1,690*	-0.6% ▼	20 Jul 18
Tellurium			
MB free market \$/kg	80-105*	-5.13% ▼	20 Jul 18
MB China domestic, min 99.99%, yuan/kg	550-570*	-0.88% ▼	20 Jul 18
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.70-5.20*	0%	18 Jul 18
Titanium ores \$/tonne			
Rutile conc min 95% Tio2 bagged, fob/Aus	1,000-1,250	0%	19 Jul 18
Rutile bulk conc min 95% Tio2 fob/Aus	930-1,020	0%	19 Jul 18
Ilmenite concentrate, 47-49% Tio2 cif China	185-195	-2.56% ▼	19 Jul 18

† week-on-week change

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NOBLE ALLOYS & ORES				
	Price	Change [†]		Assessed
Molybdenum molybdc oxide				
Europe drummed molybdc oxide \$/lb Mo	11.40-11.60*	4.78%	▲	20 Jul 18
US canned molybdc oxide \$/lb Mo	11.20-11.5*	3.65%	▲	19 Jul 18
Ferro-molybdenum				
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	27.85-28.35*	3.69%	▲	20 Jul 18
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	12.35-13*	2.84%	▲	19 Jul 18
MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu	1,580-1,600*	2.58%	▲	18 Jul 18
Tungsten				
European free market APT \$/mtu	333-341*	-1.46%	▼	20 Jul 18
Export from mainland China APT Chinese No1 grade, min 88.5% WO3, S/mtu fob	335-344*	-0.88%	▼	18 Jul 18
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	105,000-107,000*	-2.75%	▼	18 Jul 18
Ferro-tungsten				
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	37.5-38.5*	-1.3%	▼	20 Jul 18
China export min 75% \$/kg W, fob China	38.5-39.5*	-3.7%	▼	18 Jul 18
Vanadium				
Ferro-vanadium basis 78% min, fob, China \$/kg V	79-83*	1.25%	▲	19 Jul 18
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	81-83*	0%		20 Jul 18
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	38.60-39.5*	2.76%	▲	19 Jul 18
Vanadium pentoxide 98% min, fob, China \$/lb V2O5	18.5-19*	0%		19 Jul 18
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O5	19-19.85*	0.26%	▲	20 Jul 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	0.97*	0%		13 Jul 18
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.36*	0%		13 Jul 18
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,200-7,300*	-3.97%	▼	20 Jul 18
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,550-7,800*	0%		20 Jul 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	1.30-1.42*	0%		20 Jul 18
0.10% C average 60-70% Cr	2.27-2.44*	-2.28%	▼	13 Jul 18
European low carbon in-warehouse 0.06% C max - 65% Cr	2.39-2.5*	0%		13 Jul 18
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.40-1.45*	0%		13 Jul 18
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	0.95-0.97*	-1.54%	▼	19 Jul 18
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	0.93-0.94*	-1.58%	▼	19 Jul 18

	Price	Change		Assessed
US free market low carbon duty-paid fob Pittsburgh				
US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si	1.400-1.480*	0.7%	▲	19 Jul 18
0.05% C - 65% min Cr	2.40-2.45*	0%		19 Jul 18
0.10% C - 62% min Cr	2.25-2.28*	0%		19 Jul 18
0.15% C - 60% min Cr	2.20-2.22*	0%		19 Jul 18
Chrome ore \$/tonne				
<i>Chrome ore cif main Chinese ports</i>				
South African UG2 chrome ore concs, index basis 42%	187*	-5.08%	▼	13 Jul 18
Turkish lumpy 40-42% cfr main Chinese ports	255-265*	-1.89%	▼	20 Jul 18
Ferro-manganese				
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	950-990*	-0.51%	▼	20 Jul 18
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,400-1,460*	-1.04%	▼	19 Jul 18
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.12-1.14*	0%		19 Jul 18
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	7,300-7,500*	-2.95%	▼	20 Jul 18
Manganese ore				
44% Mn, cif Tianjin \$/dmtu of metal contained	6.82*	0.44%	▲	13 Jul 18
37% Mn, fob Port Elizabeth \$/dmtu of metal contained	6.21*	8.95%	▲	13 Jul 18
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2.70-2.75*	0%		11 Jul 18
Ferro-nickel				
China premium, 26-32% nickel contained, cif China, \$/tonne	200-350*	0%		25 Jun 18
Ferro-silicon				
Lumpy basis 75% Si (scale pro rata) €/tonne	1,400-1,475*	0.88%	▲	20 Jul 18
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1.07-1.09*	0%		19 Jul 18
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,340-1,380*	-3.2%	▼	20 Jul 18
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,600-6,900*	-2.17%	▼	20 Jul 18
Silico-manganese				
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	950-1,000*	0%		20 Jul 18
US free market \$/lb in-warehouse Pittsburgh	0.62-0.66*	0%		19 Jul 18
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	7,600-7,900*	-1.9%	▼	20 Jul 18
65% min Mn 16% min Si \$/tonne fob India	1,090-1,110*	0%		20 Jul 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	520-540*	0.95% ▲	18 Jul 18
Wire rod (mesh quality)	520-540*	0.47% ▲	18 Jul 18
Plate (8-40mm)	590-600*	0%	18 Jul 18
Hot rolled coil	550-560*	0%	18 Jul 18
Cold rolled coil	640-645*	1.18% ▲	18 Jul 18
Hot-dip galvanized coil	650-670*	0%	18 Jul 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*	0.5% ▲	18 Jul 18
Wire rod (mesh quality)	520-535*	0%	18 Jul 18
Plate (8-40mm)	570-590*	0%	18 Jul 18
Hot rolled coil	535-550*	0%	18 Jul 18
Cold rolled coil	620-630*	0%	18 Jul 18
Hot-dip galvanized coil	650-660*	0.77% ▲	18 Jul 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	480-500*	0%	18 Jul 18
Wire rod (mesh quality)	490-510*	0%	18 Jul 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	550-580*	1.8% ▲	18 Jul 18
Wire rod (mesh quality)	540-550*	0.93% ▲	18 Jul 18
Sections (medium)	640-660*	0.78% ▲	18 Jul 18
Beams	620-640*	3.28% ▲	18 Jul 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*	3.86% ▲	18 Jul 18
Wire rod (mesh quality)	530-550*	0%	18 Jul 18
Sections (medium)	620-630*	3.31% ▲	18 Jul 18
Beams	600-630*	1.65% ▲	18 Jul 18
Central Europe domestic € per tonne ex-works			
Hot rolled coil	530-540*	1.42% ▲	18 Jul 18
Poland domestic zloty per tonne ex-works			
Rebar	2,250-2,300*	0%	20 Jul 18
Northern Europe € per tonne ex-works			
Plate (8-40mm)	610-630*	0.81% ▲	18 Jul 18
Hot rolled coil	555-565*	0%	18 Jul 18
Cold rolled coil	630-660*	0.78% ▲	18 Jul 18
Hot-dip galvanized coil	650-670*	0%	18 Jul 18
Southern Europe € per tonne ex-works			
Plate (8-40mm)	590-600*	1.71% ▲	18 Jul 18
Hot rolled coil	535-550*	0%	18 Jul 18
Cold rolled coil	600-630*	0%	18 Jul 18
Hot-dip galvanized coil	610-640*	0.4%	18 Jul 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%	18 Jul 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	493*	-1.79% ▼	20 Jul 18
Slab	525-535*	0%	16 Jul 18
Rebar	535-545*	-3.57% ▼	16 Jul 18
Wire rod (mesh)	560-580*	-3.39% ▼	16 Jul 18
Heavy plate (10-50mm)	613-625*	-0.8% ▼	16 Jul 18
Hot rolled coil	560-575*	0%	16 Jul 18
Cold rolled coil	625-635*	0%	16 Jul 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	37,000-37,500*	0%	16 Jul 18
Hot rolled sheet	41,800-41,900*	-2.42% ▼	16 Jul 18
Cold rolled sheet	47,350-47,500*	-0.78% ▼	16 Jul 18
Plate	42,000-43,500*	0%	16 Jul 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	515-520*	-2.82% ▼	19 Jul 18
Rebar	535-540*	-0.92% ▼	19 Jul 18
Wire rod (mesh quality)	575-580*	-0.43% ▼	19 Jul 18
Merchant bars	600-620*	0%	19 Jul 18
Structural pipe	620-630*	-0.79% ▼	11 Jul 18
Hot rolled coil	590-610*	-1.23% ▼	20 Jul 18
Hot dip galvanized	740-750*	-3.87% ▼	20 Jul 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	515-520*	-1.43% ▼	19 Jul 18
Rebar	540-565*	1.84% ▲	19 Jul 18
Wire rod (mesh quality)	580-592*	0.51% ▲	19 Jul 18
Hot rolled coil	610-615*	0%	20 Jul 18
Cold rolled coil	680-690*	-2.84% ▼	20 Jul 18
Hot dip galvanized	750-770*	-2.25% ▼	20 Jul 18
Prepainted galvanized	830-840*	-2.91% ▼	20 Jul 18
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	510-515*	-0.97% ▼	19 Jul 18
Hot rolled coil	585-590*	-0.42% ▼	20 Jul 18
Cold rolled coil	645-651*	0.86% ▲	20 Jul 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%	17 Jul 18
Rebar	615-620*	0%	17 Jul 18
Hot rolled coil	600-625*	-1.21% ▼	17 Jul 18
Cold rolled coil	675-680*	0%	17 Jul 18
Hot dip galvanized coil	770-855*	-1.52% ▼	17 Jul 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	615-620*	0%	17 Jul 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	2,290-2,295*	0%	17 Jul 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%	18 Jul 18
Hot rolled coil	595-600*	0%	18 Jul 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	500-505*	0%	18 Jul 18
Slab	510-515*	0%	18 Jul 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%	19 Jul 18
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	517-520*	-0.77% ▼	19 Jul 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%	20 Jul 18
Slab, Brazil	520-590*	-0.45% ▼	20 Jul 18
Rebar	560-565*	0%	20 Jul 18
Wire rod mesh quality	590-595*	0%	20 Jul 18
Heavy plate over 10mm	640-650*	0%	20 Jul 18
Hot rolled coil (dry)	590-600*	0%	20 Jul 18
Cold rolled coil	685-690*	0%	20 Jul 18
Galvanized coil	800-810*	0%	20 Jul 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%	20 Jul 18
Hot rolled coil	620-630*	-1.19% ▼	20 Jul 18
Cold rolled coil	640-650*	-4.44% ▼	20 Jul 18
Galvanized coil	730-750*	-1.99% ▼	20 Jul 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	710-725*	0.35% ▲	06 Jul 18
Cold rolled coil	815-825*	0.31% ▲	06 Jul 18
Galvanized coil	1,035-1,115*	0.23% ▲	06 Jul 18
Rebar	815-820*	-2.39% ▼	06 Jul 18
Brazil domestic			
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne ex-works</i>			
Hot rolled coil	2,600-2,750*	0.94% ▲	06 Jul 18
Cold rolled coil	2,900-3,000*	0%	06 Jul 18
Hot dip galvanized coil	3,200-3,450*	0.76% ▲	06 Jul 18
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,380-2,580*	0%	06 Jul 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	676-689*	0%	18 Jul 18
Merchant bars	640-680*	0%	29 Jun 18
Wire rod (low carbon)	744-762*	0%	11 Jul 18
Medium sections	760-800*	0%	28 Jun 18
Medium plate	900-960*	4.49% ▲	11 Jul 18
Hot rolled coil (commodity)	875-900*	4.41% ▲	11 Jul 18
Cold rolled coil	880-940*	-6.67% ▼	11 Jul 18
Hot dipped galvanized 0.012-0.015, G30	1,150-1,200*	-1.26% ▼	11 Jul 18
ERW linepipe (X42)	1,090-1,130*	2.78% ▲	26 Jun 18
OCTG API5CT - casing J55	1,130-1,300*	6.58% ▲	26 Jun 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%	18 Jul 18
Wire rod (mesh quality fob mill)	765-765*	0%	11 Jul 18
Plate (fob mill)	960-960*	0%	13 Jul 18
Hot rolled sheet index (fob mill)	906-906*	-0.87% ▼	19 Jul 18
Cold rolled sheet (fob mill)	1,010-1,010*	-0.98% ▼	19 Jul 18
Hot-dip galvanized (base) Midwest (fob mill)	1,010-1,010*	-0.98% ▼	19 Jul 18
OCTG API5CT - casing J55 (fob mill)	1,300-1,395*	-3.06% ▼	26 Jun 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*	4.05% ▲	29 Jun 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	553-553*	0.09% ▲	20 Jul 18
Wire rod (mesh quality)	570-580*	1.32% ▲	17 Jul 18
Heavy plate	610-615*	-0.41% ▼	17 Jul 18
Hot rolled coil index	580-580*	-0.03% ▼	20 Jul 18
Cold rolled coil	620-625*	0%	17 Jul 18
Galvanized coil 1mm	685-695*	-0.36% ▼	17 Jul 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	4,040-4,080*	-0.49% ▼	20 Jul 18
Wire rod (mesh)	4,100-4,170*	-1.55% ▼	20 Jul 18
Sections	4,150-4,200*	-1.18% ▼	20 Jul 18
Plate	4,250-4,340*	-0.23% ▼	20 Jul 18
Hot rolled coil (min 2mm)	4,240-4,260*	-0.47% ▼	20 Jul 18
Cold rolled coil (0.5 - 2 mm)	4,660-4,730*	0.75% ▲	20 Jul 18
Hot-dip galvanized coil	4,980-5,010*	-0.6% ▼	20 Jul 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	3,720-3,720*	0%	20 Jul 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	4,180-4,190*	0%	20 Jul 18
Rebar	3,960-4,040*	1.39% ▲	20 Jul 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	4,350-4,400*	2.94% ▲	20 Jul 18
Wire rod (mesh)	4,380-4,430*	1.85% ▲	20 Jul 18
Sections	4,250-4,300*	0%	20 Jul 18
Plate	4,350-4,410*	0.23% ▲	20 Jul 18
Hot rolled coil (min 2mm)	4,260-4,280*	-0.58% ▼	20 Jul 18
Cold rolled coil (0.5 - 2 mm)	4,640-4,730*	0.64% ▲	20 Jul 18
Hot-dip galvanized coil	5,130-5,190*	0%	20 Jul 18
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	540-550*	0%	16 Jul 18
Slab (Asia/East Asia)	540-550*	0%	16 Jul 18
Hot rolled coil (Vietnam)	595-603*	-0.99% ▼	16 Jul 18
Rebar (Singapore)	550-555*	0%	16 Jul 18
Wire rod (low carbon)	580-585*	-0.43% ▼	16 Jul 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	510-515*	-1.91% ▼	20 Jul 18
Plate (12-40mm)	610-615*	-3.92% ▼	20 Jul 18
Hot rolled coil (commodity)	585-590*	-0.84% ▼	20 Jul 18
Hot-dip galvanized coil	790-795*	-1.25% ▼	20 Jul 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%	20 Jul 18
Hot rolled coil (commodity)	610-620*	-5.02% ▼	20 Jul 18
Hot rolled coil (CR grade)	620-625*	0%	20 Jul 18
Cold rolled	640-645*	-0.77% ▼	20 Jul 18
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	31,400-31,600*	-9.48% ▼	20 Jul 18
Heavy plate	44,000-44,500*	-1.12% ▼	20 Jul 18
Hot rolled coil	45,800-46,300*	0%	20 Jul 18
Cold rolled coil	50,500-51,000*	0%	20 Jul 18
DRI	21,600-21,800*	1.4% ▲	20 Jul 18
Hot-dip galvanized coil	55,000-55,500*	0%	20 Jul 18
Rebar	35,400-35,600*	-10.35% ▼	20 Jul 18

STEELBENCHMARKER™ PRICES

	Price	Change†	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	1,091	2.06% ▲	09 Jul 18
Standard plate (\$/short ton)	990	2.06% ▲	09 Jul 18
Hot rolled coil (\$/metric tonne)	1,006	0.6% ▲	09 Jul 18
Hot rolled coil (\$/short ton)	912	0.55% ▲	09 Jul 18
Cold rolled coil (\$/metric tonne)	1,102	-1.17% ▼	09 Jul 18
Cold rolled coil (\$/short ton)	1,000	-1.19% ▼	09 Jul 18
Region: Mainland China			
Rebar	511	-4.84% ▼	09 Jul 18
Standard plate	553	-4.33% ▼	09 Jul 18
Hot rolled coil	535	-4.29% ▼	09 Jul 18
Cold rolled coil	601	-3.06% ▼	09 Jul 18
Region: World export market			
Hot rolled coil (\$/metric tonne)	593	-1.33% ▼	09 Jul 18

STAINLESS STEEL

	Price	Change†	Assessed
Asia import			
\$ /tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,210-2,310*	0.22% ▲	18 Jul 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	15,400-15,700*	0.65% ▲	18 Jul 18
Grade 430 2mm CR coil	8,700-8,750*	0%	18 Jul 18
EU export			
€/tonne fob N.European port			
Min 100 tonne lot			
Grade 304 2mm CR sheet	2,624-2,698*	0%	20 Jul 18
EU domestic			
2mm 304 cold rolled stainless steel, €/tonne			
N.Europe Base price	1,000-1,050*	0%	20 Jul 18
Alloy surcharge	1,624-1,648*	0%	20 Jul 18
2mm 316 cold rolled stainless steel, €/tonne			
Base price	1,300-1,350*	0%	20 Jul 18
Alloy surcharge	2,367-2,416*	0%	20 Jul 18
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,080*	0%	20 Jul 18
Alloy surcharge	2,007-2,065*	0%	20 Jul 18
US domestic			
AMM's appraisal of prices within the USA for commercial-quality stainless steel of US or Canadian origin, \$ per hundredweight, fob			
Grade 304 coiled plate	128-128*	3.23% ▲	10 Jul 18
Grade 316 coiled plate	182-182*	5.81% ▲	10 Jul 18
Grade 304 cold rolled sheet	144-144*	2.86% ▲	10 Jul 18
Grade 316L cold rolled sheet	192-192*	3.78% ▲	10 Jul 18
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,492.83*	-0.86% ▼	16 Jul 18

CHINA IRON ORE

cfr main China port \$ per dry metric tonne

	Price	Change†	Assessed
Iron ore index (62% Fe)	65.14*	1.72% ▲	20 Jul 18
Iron ore pellet index cfr Qingdao (65% Fe)	132.90*	0.94% ▲	20 Jul 18
Iron ore concentrate index cfr Qingdao (66% Fe)	95.96*	1.04% ▲	20 Jul 18
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.12*	-1.75% ▼	02 Jul 18

IRAN IRON ORE

cfr China US \$ per tonne

	Price	Change†	Assessed
Iron ore fines index (60% Fe)	66.87-66.87*	3.1% ▲	03 Jan 18

COKING COAL

\$ per metric tonne

	Price	Change†	Assessed
Premium hard coking coal cfr China	182.64-182.64*	-2.68% ▼	20 Jul 18
Hard coking coal cfr China	173.06-173.06*	-4.72% ▼	20 Jul 18
Premium hard coking coal fob Australia	174.59-174.59*	-3.26% ▼	20 Jul 18
Hard coking coal fob Australia	161.44-161.44*	-3.45% ▼	20 Jul 18
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,360-1,730*	0%	20 Jul 18
65% CSR coke \$/tonne fob China	335-345*	-4.23% ▼	17 Jul 18

† week-on-week change

continued ➤

FERROUS SCRAP				
	Price	Change†	Assessed	
UK ferrous scrap domestic				
The following is Metal Bulletin's evaluation of UK prices for processed scrap delivered to consumers within the month listed. Prices may vary according to region and destination, and should be read in conjunction with editorial comment on the Ferrous scrap pages.				
£/tonne				
Cut grades				
OA plate and structural	205-230*	2.35%	▲	13 Jul 18
1&2 old steel	185-210*	2.6%	▲	13 Jul 18
12A/C new production heavy and shovellable steel	225-250*	4.4%	▲	13 Jul 18
12D new production heavy and shovellable steel	230-255*	4.3%	▲	13 Jul 18
Bales and cuttings				
4A new steel bales	230-255*	4.3%	▲	13 Jul 18
4C new steel bales	220-245*	4.49%	▲	13 Jul 18
8A new loose light cuttings	215-245*	4.55%	▲	13 Jul 18
8B new loose light cuttings	200-230*	4.88%	▲	13 Jul 18
Turnings				
UK inter-merchant 7B heavy steel turnings	165-185*	2.94%	▲	13 Jul 18
Cast iron				
9A/10 heavy and light cast iron	185-210*	2.6%	▲	13 Jul 18
9B/C cylinder block scrap	205-230*	2.35%	▲	13 Jul 18
11A cast iron borings	125-145*	3.85%	▲	13 Jul 18
Prices relate to new UK scrap specifications				
Please see MB.com for full explanation of price changes				
UK intermerchant weekly price				
£/tonne				
5C loose old light	95-125*	0%		20 Jul 18
UK ferrous scrap export				
MB assessment \$ fob main UK port				
HMS 1&2 (80:20 mix)	318-319*	-1.24%	▼	20 Jul 18
Shredded	328-329*	-1.2%	▼	20 Jul 18
Indian imports				
MB assessment \$/tonne cfr Nhava Sheva				
MB index cfr India shredded	364.28*	-1.84%	▼	20 Jul 18
HMS 1&2 (80:20 mix)	310-345*	-2.24%	▼	20 Jul 18
Alloy steel scrap domestic				
UK wholesale merchants' stainless (£/tonne)				
18/8 solids	940-1,000*	-2.02%	▼	20 Jul 18
18/8 turnings	795-845*	-2.38%	▼	20 Jul 18
12-13% Cr solids	215-255*	-6%	▼	20 Jul 18
16-17% Cr solids	245-285*	-5.36%	▼	20 Jul 18
Cif Europe stainless € per tonne				
18/8 solids	1,140-1,150*	-2.14%	▼	20 Jul 18
18/8 turnings	1,025-1,035*	-2.14%	▼	20 Jul 18
Rotterdam export				
MB assessment \$/tonne fob Rotterdam				
MB index fob Rotterdam HMS 1&2 (80:20)	315.01*	-2.13%	▼	20 Jul 18
HMS 1&2 (70:30 mix)	305-307*	-4.38%	▼	20 Jul 18
Shredded	320-322*	-4.18%	▼	20 Jul 18
Turkish import				
MB assessment \$/tonne cfr main Turkish ports				
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	328.61*	-2.41%	▼	20 Jul 18
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	339.14*	-2.18%	▼	20 Jul 18
HMS 1&2 (75:25 mix)	324-326*	-4.13%	▼	20 Jul 18
Shredded	340-352*	-2.81%	▼	20 Jul 18

	Price	Change	Assessed
Turkish domestic			
MB assessment delivered			
Melting scrap from shipbreaking (\$/tonne)	340-347*	-0.29% ▼	16 Jul 18
Auto bundle scrap (Turkish lira/tonne)	1,510-1,680*	0%	16 Jul 18
USA export			
AMM ferrous scrap export index \$/tonne East Coast fob New York			
HMS 1&2 (80:20)	318.71*	-1.71% ▼	18 Jul 18
Shredded	331*	-1.29% ▼	18 Jul 18
USA domestic			
AMM Midwest index \$/gross ton delivered mill			
No1 heavy melting scrap	336.08*	-0.46% ▼	10 Jul 18
No1 busheling	402.35*	2.45% ▲	10 Jul 18
Shredded	362.89*	-0.27% ▼	10 Jul 18
China domestic			
yuan/tonne delivered mill			
Heavy scrap	2,260-2,390*	0%	20 Jul 18
Taiwan import			
\$/tonne cfr main port			
HMS 1&2 (80:20 mix) (USA material)	335-335*	-0.74% ▼	20 Jul 18
Germany domestic			
€/tonne composite sales price ex-yard, source: BDSV			
No E2/8 (new steel scrap)	270.30	-0.66% ▼	01 Jun 18
No E1 (old steel scrap)	243.20	-0.21% ▼	01 Jun 18
No E3 (old thick steel scrap)	265.80	-1.08% ▼	01 Jun 18
No E40 (shredded steel scrap)	270.60	-1.46% ▼	01 Jun 18
No E5 (steel turnings)	220.60	-0.27% ▼	01 Jun 18
MB assessment €/tonne delivered at mill			
Grade E40 (shredded steel scrap)	285-300	0%	13 Jul 18
No E8 (thin new production steel scrap)	290-295	0%	13 Jul 18
No E3 (old thick scrap)	280-295	0%	13 Jul 18
Italy domestic			
MB assessment €/tonne delivered at mill			
No E3 (old thick scrap)	280	0%	13 Jul 18
No E8 (thin new production steel)	295	0.83% ▲	13 Jul 18

SCRAP SUBSTITUTES

	Price	Change†	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	410-415*	0%	19 Jul 18
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	295-300*	0%	20 Jul 18
Pig iron fob Vitorio/Rio	380-385*	0%	20 Jul 18
Pig iron fob Ponta da Maderia	400-405*	0%	20 Jul 18
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	410-415*	0%	20 Jul 18
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	410-415*	-0.84% ▼	19 Jul 18
Pig iron Black Sea	390-395*	0%	19 Jul 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	1,260-1,300*	-0.78% ▼	20 Jul 18
Cast	1,165-1,230*	-0.21% ▼	20 Jul 18
Mixed turnings 6%	1,040-1,080*	-1.17% ▼	20 Jul 18
Germany per 1000kg			
Pure cuttings	1,330-1,420	-2.83% ▼	18 Jul 18
Commercial cast	1,180-1,300	-3.12% ▼	18 Jul 18
H9 extrusions	1,730-1,830	-2.2% ▼	18 Jul 18
Alloy turnings	880-1,000	-4.08% ▼	18 Jul 18
<i>Source: VDM</i>			
France per 1000kg			
Pure cuttings	1,600-1,620	-0.92% ▼	17 Jul 18
Old rolled	700-750	0%	17 Jul 18
Commercial cast	850-900	0%	17 Jul 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,155-1,185	-2.09% ▼	13 Jul 18
Old mixed scrap	1,585-1,635	-1.53% ▼	13 Jul 18
Commercial cast	1,005-1,035	-2.39% ▼	13 Jul 18
<i>Source: Assomet</i>			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,000-5,180	-1.17% ▼	18 Jul 18
Heavy copper	4,640-4,710	-1.27% ▼	18 Jul 18
Heavy brass	3,380-3,620	-1.13% ▼	18 Jul 18
Brass turnings (MS 58)	3,660-3,800	-1.32% ▼	18 Jul 18
Brass sheet (MS 63)	3,860-3,920	-1.27% ▼	18 Jul 18
<i>Source: Verein Deutscher Metallhandler</i>			
France per 1000kg			
Electro cuttings	4,720-4,770	-2.67% ▼	17 Jul 18
No 1 bright wire	4,380-4,400	-1.9% ▼	17 Jul 18
Mixed (96%)	4,300-4,350	-2.26% ▼	17 Jul 18
Brass plate cuttings 70/30	3,600-3,640	-3.47% ▼	17 Jul 18
Brass turnings	3,400-3,450	-1.44% ▼	17 Jul 18
Mixed brass	3,150-3,200	-3.05% ▼	17 Jul 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	4,930-5,090	-2.53% ▼	13 Jul 18
Enamelled wire EN 12861-S-Cu-3	4,808-4,970	-2.59% ▼	13 Jul 18
New from tubes, strips etc EN 12861-S-Cu-4	4,832-5,060	-2.56% ▼	13 Jul 18
Old from tubes, strips etc 12861-S-Cu-7	4,660-4,830	-2.67% ▼	13 Jul 18
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,870-3,985	-3.08% ▼	13 Jul 18
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,105-3,435	-3.25% ▼	13 Jul 18
Several 95% m/m 12861-S-Cu-Zn-7	3,155-3,235	-3.33% ▼	13 Jul 18
<i>Source: Assomet</i>			

STEEL BENCHMARKER™ SCRAP PRICES

	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne) **	369	0%	09 Jul 18
Shredded scrap (\$/gross ton) **	375	0%	09 Jul 18
No 1 heavy melting scrap (\$/metric tonne)	344	0%	09 Jul 18
No 1 heavy melting scrap (\$/gross ton)	350	0%	09 Jul 18
No 1 busheling scrap (\$/metric tonne)	408	2.26% ▲	09 Jul 18
No 1 busheling scrap (\$/gross ton)	415	2.47% ▲	09 Jul 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*	-0.34% ▼	18 Jul 18
Commercial pure cuttings	1,170-1,210*	0%	18 Jul 18
Clean HE9 extrusions	1,430-1,470*	-0.17% ▼	18 Jul 18
Loose old rolled cuttings	850-880*	0%	18 Jul 18
Baled old rolled	915-945*	0%	18 Jul 18
Commercial cast	1,025-1,055*	0%	18 Jul 18
Cast wheels	1,260-1,290*	0%	18 Jul 18
Commercial turnings	680-720*	0%	18 Jul 18
Group 7 turnings	585-605*	0%	18 Jul 18

MB and LME aluminium scrap discounts

£ per tonne			
Group 1 pure 99% & Litho	128-168*	-1.99% ▼	18 Jul 18
Commercial pure cuttings	383-423*	-1.95% ▼	18 Jul 18
Clean HE9 extrusions	123-163*	-3.7% ▼	18 Jul 18
Loose old rolled cuttings	526-556*	5.87% ▲	18 Jul 18
Baled old rolled	461-491*	6.73% ▲	18 Jul 18
Commercial cast	351-381*	8.93% ▲	18 Jul 18
Cast wheels	116-146*	29.7% ▲	18 Jul 18
Commercial turnings	686-726*	4.44% ▲	18 Jul 18
Group 7 turnings	801-821*	3.84% ▲	18 Jul 18

Titanium

\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1-1.10*	5%	▲ 18 Jul 18
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.87-0.92*	0%	18 Jul 18

Copper scrap discount

cents/lb			
No 2 copper (birch/cliff) imported into China 94-96% cif China	25-27*	0%	25 Jun 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*	-0.3% ▼	18 Jul 18
LM6/LM25 gravity diecasting ingot	1,840-1,900*	0% ▼	18 Jul 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	1,720-1,760*	-1.14% ▼	20 Jul 18
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.96-0.98*	-1.02% ▼	19 Jul 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	2,420-2,520	-0.4% ▼	18 Jul 18
DIN 231	2,500-2,600	-0.39% ▼	18 Jul 18
DIN 311	2,480-2,580	-0.39% ▼	18 Jul 18
Aluminium bronze £/tonne UK			
AB1 ex-works	4,900	-4.85% ▼	17 Jul 18
AB2 ex-works	4,950	-4.81% ▼	17 Jul 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,250	-2.3% ▼	17 Jul 18
High tensile HTB1 ex-works	4,550	-4.21% ▼	17 Jul 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,770	-4.98% ▼	17 Jul 18
LG4 87/7/3/3 ex-works	5,600	-2.95% ▼	17 Jul 18
G1 1.15 PB ex-works	6,100	0% ▼	17 Jul 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,800	-1.59% ▼	17 Jul 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,210	-3.12% ▼	17 Jul 18
15% P ex-works	6,260	-3.1% ▼	17 Jul 18
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,707	-7.58% ▼	01 Jul 18
Brock Metal ZL5	2,736	-7.35% ▼	01 Jul 18

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Monthly averages: June

BASE METALS

		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		98.10	108.57
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		170.56	184.44
Alumina			
Index fob Australia		454.04	
Copper			
US High-grade cathode premium indicator, \$/tonne		137.79	148.81
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	217.5	261.25
	4x4 cathodes	365	425
	Briquettes	271.25	295
US	Melting \$/lb	0.25	0.38
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		310	340
Spot premium 99.85%, \$/tonne		275	300
Kuala Lumpur (ex-smelter), \$/tonne		20,582	

MINOR METALS

Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		8,083.33	8,344.44
MMTA Standard grade II, \$/tonne		8,038.89	8,300
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		4.41	4.94
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		123.89	137.22
min 99.99%, in warehouse cents/lb		126	141.56
Cobalt			
MB free market			
High Grade, in warehouse, \$/lb		40.87	42.01
Low Grade, in warehouse, \$/lb		40.86	41.96
Germanium Dioxide			
MB free market min 99.99%, \$/kg		1,070	1,320
Rotterdam, \$/kg		1,590	1,690
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		272.22	301.11
Magnesium			
MB free market min 99.8%, \$/tonne		2,502	2,610
China free market min 99.8%, \$/tonne		2,487	2,510
Mercury			
MB free market min 99.99%, in warehouse, \$/flask		2,750	3,000

	Low	High
Selenium		
MB free market min 99.5% in warehouse, \$/lb	18.5	20.89
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,156	2,212
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.90	5.40

ORES & ALLOYS

	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdic oxide \$/lb Mo	11.12	11.23
US canned molybdic oxide \$/lb Mo	11.23	11.40
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	27.44	27.77
Tungsten		
European free market APT, \$/mtu	347.20	352.20
Ferro-tungsten		
basis 75% W min, \$/kg	39.33	40.40
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	15.70	16.46
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	71.11	72.53
US Free market 70-80%, \$/lb	34.75	35.64

PRECIOUS METALS

Gold			
London \$/troy oz	Morning	1,282.13	
	Afternoon	1,281.57	
London £/troy oz	Morning	964.52	
	Afternoon	964.64	
\$/troy oz	Handy/Harman	1,281.57	
Palladium			
Morning \$/troy oz		985.57	
Afternoon \$/troy oz		985.05	
Platinum: per troy oz			
Morning \$/troy oz		884.81	
Afternoon \$/troy oz		884.90	
Rhodium			
European free market min 99.9% in-warehouse, \$/troy oz		2,201.67	2,301.67
Silver			
London			
spot pence/troy oz		1,243	
spot cents/troy oz		1,652.33	
Handy/Harman cents/troy oz		1,654.14	

† week-on-week change

continued ➤

FOUNDRY INGOTS		
	Low	High
Aluminium		
LM24, £/tonne	1,640	1,695
LM6/LM25, £/tonne	1,850	1,905
Aluminium Europe €/tonne	1,784	1,826
Phosphor Bronze		
PB1 ex-works, £/tonne	7,153.33	
Zinc Alloy		
ZL3, £/tonne	2,929	

EXCHANGE RATES (CLOSING RATES)

\$/£	1.33
\$/yen	110.06
\$/€	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 June (21 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

	Jan-June 2018		June
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	1,966.5	2,600	2,239.95
3 months	1,987.5	2,586.5	2,236.70
Settlement	1,967	2,602.5	2,240.29
3 months seller	1,988	2,587	2,237.24
Copper Grade A (\$)			
Cash	6,499.5	7,262	6,954.17
3 months	6,549	7,267	6,960.08
Settlement	6,500	7,262.5	6,954.79
3 months seller	6,550	7,268	6,960.88
Copper Grade A (£)			
Settlement	4,568.46	5,421.80	5,232.73
3 months seller	4,586.19	5,402.51	5,215.27
Lead (\$)			
Cash	2,273	2,682.75	2,440.14
3 months	2,273	2,655.5	2,451.15
Settlement	2,274	2,683	2,440.74
3 months seller	2,274	2,656	2,451.88
Lead (£)			
Settlement	1,633.54	1,928.42	1,836.56
3 months seller	1,625.25	1,915.31	1,837.19
Nickel (\$)			
Cash	12,410	15,747.5	15,107.02
3 months	12,465	15,785	15,160.60
Settlement	12,415	15,750	15,110.95
3 months seller	12,470	15,790	15,166.67
Tin (\$)			
Cash	19,662.5	22,102.5	20,652.02
3 months	19,555	21,907.5	20,566.43
Settlement	19,675	22,105	20,663.10
3 months seller	19,560	21,910	20,577.38

	Jan-June 2018		June
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	2,894.5	3,617.5	3,091.21
3 months	2,843.25	3,585.5	3,058.10
Settlement	2,895	3,618	3,091.76
3 months seller	2,843.5	3,586	3,058.5
Cobalt (\$)			
Cash	75,250	95,250	81,604.76
3 months	75,250	95,250	81,604.76
Settlement	75,500	95,500	81,850
3 months seller	75,500	95,500	81,850
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	1,744.74
3 months	1,665	2,020	1,757.26
Settlement	1,665	2,020	1,749.76
3 months seller	1,670	2,025	1,763.81
Nasaa (\$)			
Cash	1,700	2,026.5	1,728.04
3 months	1,740	2,060	1,762.5
Settlement	1,705	2,027	1,730
3 months seller	1,745	2,065	1,766.90

LME SETTLEMENT CONVERSION RATES

\$/£	1.33
\$/yen	110.06
\$/€	1.17