



Prices

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NEW YORK FUTURES				
	Price	Change [†]		Assessed
Comex: Copper high grade cents/lb				
Settlement	273.70	0.57%	▲	08 Nov 18
Open interest	245,006	-5.41%	▼	07 Nov 18
Stocks (short ton)	153,671	-1.86%	▼	07 Nov 18
Comex: Gold \$/troy oz				
Settlement	1,222.90	-1.06%	▼	08 Nov 18
Open interest	496,361	0.99%	▲	07 Nov 18
Stocks (troy oz)	8,020,366	-0.57%	▼	07 Nov 18
Nymex: Palladium \$/troy oz				
Settlement	1,116.10	3.21%	▲	08 Nov 18
Stocks (troy oz)	46,964	0%		07 Nov 18
Nymex: Platinum \$/troy oz				
Settlement	870.30	0.87%	▲	08 Nov 18
Stocks (troy oz)	173,771	0%		07 Nov 18
Comex: Silver cents/troy oz				
Settlement	1,438.60	-2.33%	▼	08 Nov 18
Open interest	214,502	1.25%	▲	07 Nov 18
SHANGHAI FUTURES				
	Price	Change [†]		Assessed
Aluminium yuan/tonne	13,860	-0.36%	▼	09 Nov 18
Copper yuan/tonne	49,270	-1.1%	▼	09 Nov 18
Nickel cathode yuan/tonne	96,150	-2.6%	▼	09 Nov 18
Tin ingot yuan/tonne	145,000	0%		09 Nov 18
Zinc yuan/tonne	21,835	-1.84%	▼	09 Nov 18
Steel rebar month 1 yuan/tonne	4,490	-1.1%	▼	09 Nov 18
Steel rebar month 2 yuan/tonne	4,347	-0.18%	▼	09 Nov 18
Steel rebar month 3 yuan/tonne	3,967	-2.05%	▼	09 Nov 18
Weekly stocks deliverable				
Aluminium (tonnes)	780,808	-2.61%	▼	09 Nov 18
Copper (tonnes)	142,234	-3.6%	▼	09 Nov 18
Nickel cathode (tonnes)	14,829	10.44%	▲	09 Nov 18
Tin ingot (tonnes)	8,027	1.62%	▲	09 Nov 18
Zinc (tonnes)	37,378	-16.05%	▼	09 Nov 18
Steel rebar (tonnes)	4,840	-19.88%	▼	09 Nov 18
DAILY METAL AND STEEL				
<i>London forward LME settlement prices. All prices per tonne, unless otherwise stated, in LME warehouse, EU duty, if any paid for buyers account</i>				
	Price	Change [†]		Assessed
Aluminium high grade \$				
Cash official	1,963.5-1,964.5	-0.14%	▼	09 Nov 18
Cash unofficial	1,988-1,990	1.71%	▲	08 Nov 18
3 months official	1,971-1,971.5	-0.68%	▼	09 Nov 18
3 months unofficial	1,995-1,997	1.27%	▲	08 Nov 18
LME Tapo notional average price (NAP)	1,960.92	0%		08 Nov 18
LME stocks (tonnes)	1,055,550	0.39%	▲	08 Nov 18
Aluminium alloy (A380.1/DIN/D12S) \$				
LME cash official	1,350-1,360	0%		09 Nov 18
LME cash unofficial	1,348-1,358	0.59%	▲	08 Nov 18
LME 3 months official	1,380-1,390	0.36%	▲	09 Nov 18
LME 3 months unofficial	1,375-1,385	0.36%	▲	08 Nov 18
LME stocks (tonnes)	12,940	-3.86%	▼	08 Nov 18

	Price	Change		Assessed
N. American special aluminium alloy				
LME cash official	1,386-1,387	2.14%	▲	09 Nov 18
LME cash unofficial	1,370-1,380	0.95%	▲	08 Nov 18
LME 3 months official	1,385-1,390	0.51%	▲	09 Nov 18
LME 3 months unofficial	1,370-1,380	0%		08 Nov 18
LME stocks (tonnes)	141,500	-0.99%	▼	08 Nov 18
Copper grade A \$				
LME cash official	6,087-6,088	-2.67%	▼	09 Nov 18
LME cash unofficial	6,163.5-6,165.5	0.63%	▲	08 Nov 18
LME 3 months official	6,069-6,070	-2.61%	▼	09 Nov 18
LME 3 months unofficial	6,144-6,146	0.77%	▲	08 Nov 18
LME Tapo notional average price (NAP)	6,186	1.91%	▲	08 Nov 18
LME stocks (tonnes)	171,050	-5.17%	▼	08 Nov 18
Lead \$				
LME cash official	1,955-1,957	-1.93%	▼	09 Nov 18
LME cash unofficial	1,964.5-1,966.5	1.45%	▲	08 Nov 18
LME 3 months official	1,981-1,982	-1.49%	▼	09 Nov 18
LME 3 months unofficial	1,983-1,985	1.33%	▲	08 Nov 18
LME stocks (tonnes)	111,575	-0.98%	▼	08 Nov 18
Nickel \$				
LME cash official	11,460-11,470	-4.22%	▼	09 Nov 18
LME cash unofficial	11,700-11,725	-0.47%	▼	08 Nov 18
LME 3 months official	11,560-11,570	-3.91%	▼	09 Nov 18
LME 3 months unofficial	11,775-11,800	-0.42%	▼	08 Nov 18
LME stocks (tonnes)	216,834	-0.89%	▼	08 Nov 18
Tin \$				
LME cash official	19,290-19,310	0.72%	▲	09 Nov 18
LME cash unofficial	19,310-19,335	0.85%	▲	08 Nov 18
LME 3 months official	19,250-19,280	0.57%	▲	09 Nov 18
LME 3 months unofficial	19,275-19,300	0.85%	▲	08 Nov 18
LME stocks (tonnes)	2,920	-7.45%	▼	08 Nov 18
Zinc special high grade \$				
LME cash official	2,555-2,556	-3.68%	▼	09 Nov 18
LME cash unofficial	2,547.5-2,549.5	-2.45%	▼	08 Nov 18
LME 3 months official	2,490.5-2,491	-3.86%	▼	09 Nov 18
LME 3 months unofficial	2,493-2,495	-2.16%	▼	08 Nov 18
LME stocks (tonnes)	133,025	-6.8%	▼	08 Nov 18
Cobalt min 99.3%				
LME cash official	50,500-51,000	13.41%	▲	09 Nov 18
LME 3 months official	50,500-51,000	12.15%	▲	09 Nov 18
LME stocks (tonnes)	743	-0.4%	▼	08 Nov 18
Molybdenum \$				
LME cash official	24,000-26,000	0%		09 Nov 18
LME 3 months official	24,000-26,000	0%		09 Nov 18
LME stocks (tonnes)	0	0%		08 Nov 18

[†] week-on-week change

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	Price	Change	Assessed
Gold \$/troy oz			
London morning	1,223.45	0.02% ▲	08 Nov 18
London afternoon	1,224.15	-0.57% ▼	08 Nov 18
Handy/Harman	1,224.15	-0.57% ▼	08 Nov 18
Silver per troy oz			
London spot pence	1,106	-1.16% ▼	08 Nov 18
London spot cents	1,449	0.28% ▲	08 Nov 18
Handy/Harman	1,445.90	-1.67% ▼	08 Nov 18
Palladium \$/troy oz			
London morning	1,123	3.6% ▲	08 Nov 18
London afternoon	1,118	2.47% ▲	08 Nov 18
Platinum \$/troy oz			
London morning	871	2.71% ▲	08 Nov 18
London afternoon	866	1.64% ▲	08 Nov 18
Kuala Lumpur tin market			
Tin \$/tonne	19,270	0.36% ▲	09 Nov 18
ICDX			
Tin PB300 settlement price \$/tonne	19,175	0.39% ▲	09 Nov 18
Tin PB300 volume, tonnes	91	9000% ▲	09 Nov 18
RAND FIXING PRICES			
<i>Rand fixing prices per tonne for London Metal Exchange trade</i>			
	Price	Change [†]	Assessed
Copper	86,193.30	-3.61% ▼	09 Nov 18
Aluminium	27,813.19	-1.09% ▼	09 Nov 18
Lead	27,707.01	-2.85% ▼	09 Nov 18
Zinc	36,187.59	-4.6% ▼	09 Nov 18
Nickel	162,391.11	-5.18% ▼	09 Nov 18
Tin	273,389.05	-0.27% ▼	09 Nov 18
EXCHANGE RATES			
	Price	Change [†]	Assessed
LME settlement conversion rates			
\$/£	1.3040	0.36% ▲	09 Nov 18
\$/¥	113.8600	0.79% ▲	09 Nov 18
\$/€	1.1351	-0.59% ▼	09 Nov 18
Closing rates, midpoint			
\$/£	1.3127	1.18% ▲	08 Nov 18
\$/¥	113.8000	0.9% ▲	08 Nov 18
\$/€	1.1426	0.25% ▲	08 Nov 18
£/€	1.1488	0.92% ▲	08 Nov 18
\$/CNY	6.9291	-0.32% ▼	08 Nov 18
BASE METALS ARBITRAGE			
	Price	Change [†]	Assessed
Aluminium			
Import arbitrage, \$/tonne	-453.82*	1.33% ▲	09 Nov 18
Import arbitrage, yuan/tonne	-3,159.84*	2.01% ▲	09 Nov 18
Copper			
Import arbitrage, \$/tonne	-124.74*	-10.76% ▼	09 Nov 18
Import arbitrage, yuan/tonne	-868.57*	-10.15% ▼	09 Nov 18
Nickel			
Import arbitrage, \$/tonne	511.28*	-10.31% ▼	09 Nov 18
Import arbitrage, yuan/tonne	3,559.91*	-9.71% ▼	09 Nov 18
Zinc			
Import arbitrage, \$/tonne	61.5*	-237.89% ▼	09 Nov 18
Import arbitrage, yuan/tonne	428.24*	-238.83% ▼	09 Nov 18

MB BASE METAL PREMIUMS

All prices \$/tonne unless otherwise stated

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	Price	Change [†]	Assessed
Copper			
Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne	130-175*	-12.86% ▼	07 Sep 18
Rotterdam, Grade A, cathode, cif, \$/tonne	42.0-50.0*	0%	06 Nov 18
Germany, Grade A, cathode, delivered, \$/tonne	90.0-95.0*	0%	06 Nov 18
North European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	06 Nov 18
South European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	06 Nov 18
Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	65.0-70.0*	-3.57% ▼	06 Nov 18
Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	67*	0%	21 Aug 18
Japan, copper, Grade A, cathode, cif, \$/tonne	80.0-90.0*	0%	06 Nov 18
South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne	85.0-90.0*	0%	06 Nov 18
South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	70*	0%	21 Aug 18
Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-15.0*	0%	06 Nov 18
East Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	10.0-15.0*	0%	06 Nov 18
Southeast Asia, Grade A cathode, cif, \$ per tonne	80.0-90.0*	0%	06 Nov 18
Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	90.0-105.0*	-4.88% ▼	09 Nov 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	78.0-95.0*	-3.89% ▼	09 Nov 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	85.0-95.0*	-5.26% ▼	09 Nov 18
Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	78.0-85.0*	-2.98% ▼	09 Nov 18
Shanghai, copper bonded in-warehouse, SX-EW, premium, Grade A, cathode, \$/tonne	90.0-95.0*	-5.13% ▼	09 Nov 18
Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	95.0-105.0*	-4.76% ▼	09 Nov 18
Taiwan, Grade A cathode, cif, \$ per tonne	80.0-90.0*	0%	06 Nov 18
MB free market US: High-grade cathode premium indicator, \$/tonne	154.3-165.3*	0%	06 Nov 18
United States warrants, Grade A cathode, \$/tonne	10.0-15.0*	0%	06 Nov 18
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high, \$/tonne	70.0-75.0*	0%	09 Nov 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	70-85*	0%	06 Nov 18
Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	90*	0%	21 Aug 18
Aluminium P1020A, Southeast Asian warrants, in-warehouse, \$/tonne	8.0-25.0*	0%	06 Nov 18
Aluminium P1020A, East Asian warrants, in-warehouse, \$/tonne	8.0-25.0*	0%	06 Nov 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%	06 Nov 18
Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	99*	0%	21 Aug 18
Aluminium P1020A, Singapore, fob, \$/tonne	70.0-80.0*	0%	06 Nov 18
Aluminium P1020A, South Korea, fca, \$/tonne	80.0-95.0*	0%	06 Nov 18
Aluminium P1020A, Malaysia, fob, \$/tonne	70.0-80.0*	0%	06 Nov 18
Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%	06 Nov 18
Aluminium P1020A, Taiwan, cif, \$/tonne	80.0-90.0*	0%	06 Nov 18
Aluminium P1020A, Antwerp, in-warehouse duty-unpaid, \$/tonne	70.0-73.0*	0%	06 Nov 18
Aluminium P1020A, Antwerp, in-warehouse duty-paid, \$/tonne	125.0-133.0*	0%	06 Nov 18
Aluminium P1020A, Vlissingen, in-warehouse duty-unpaid, spot, \$/tonne	70.0-73.0*	0%	06 Nov 18
Aluminium P1020A, Vlissingen, in-warehouse duty-paid, spot, \$/tonne	125.0-133.0*	0%	06 Nov 18
Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	180.0-190.0*	0%	06 Nov 18
Aluminium P1020A, Spain, fca duty-paid, \$/tonne	185.0-195.0*	0%	06 Nov 18
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	90.0-100.0*	0%	06 Nov 18
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	75.0-90.0*	3.12% ▲	09 Nov 18
Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	123*	0%	20 Mar 18
Aluminium ingotADC 12 ex-works China, duty-paid, yuan/tonne	14,500-14,900*	-0.68% ▼	07 Nov 18
Aluminium ingotADC 12 spot, main Japanese ports, \$/tonne	1,730-1,740*	-1.42% ▼	07 Nov 18
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	103.0-103.0*	-21.97% ▼	01 Oct 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	125.0-135.0*	0%	09 Nov 18
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	480.0-520.0*	0%	09 Nov 18
Aluminium P1020A, delivered US midwest, spot, \$/lb	0.193-0.198*	0%	09 Nov 18
Aluminium P1020A, US warrants, in-warehouse, \$/tonne	115.0-125.0*	0%	06 Nov 18
Aluminium P1020A, delivered Sao Paulo region, spot, \$/tonne	260.0-280.0*	0%	06 Nov 18
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	165.0-175.0*	0%	06 Nov 18
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	300.0-330.0*	1.61% ▲	09 Nov 18
Aluminium extrusion billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	520.0-560.0*	0%	09 Nov 18
Aluminium extrusion billet, delivered duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	530.0-560.0*	1.87% ▲	09 Nov 18
Aluminium extrusion billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	520.0-540.0*	0%	09 Nov 18
Aluminium extrusion billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	200.0-230.0*	-9.47% ▼	26 Oct 18
Aluminium extrusion billet, cif Japan duty-unpaid over MJP and LME cash pay, \$/gross tonne	140.0-155.0*	1.72% ▲	19 Oct 18

	Price	Change	Assessed
Aluminium extrusion billet, cif Turkey (Marmara region) duty-paid over LME cash pay, \$/gross tonne	270.0-300.0*	0%	09 Nov 18
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	390.0-430.0*	-4.65% ▼	09 Nov 18
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	390.0-440.0*	-8.79% ▼	09 Nov 18
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	12.0-15.0*	-6.9% ▼	09 Nov 18
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	09 Nov 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%	06 Nov 18
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	-11.11% ▼	06 Nov 18
East Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	15.0-25.0*	0%	06 Nov 18
Southeast Asia, min 99.97% cif, \$/tonne	60.0-75.0*	-15.62% ▼	06 Nov 18
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	06 Nov 18
Taiwan, 99.97% purity, cif, \$/tonne	60.0-100.0*	0%	06 Nov 18
Taiwan, 99.99% purity, cif, \$/tonne	135.0-150.0*	0%	06 Nov 18
India, 99.97% purity, cif, \$/tonne	60.0-110.0*	-5.56% ▼	06 Nov 18
India, 99.99% purity, cif, \$/tonne	140.0-160.0*	0%	06 Nov 18
South European warrants, 99.97% purity, in-warehouse, \$/tonne	15.0-30.0*	80% ▲	06 Nov 18
Rotterdam, 99.97% purity, duty-paid fca, \$/tonne	65.0-75.0*	0%	06 Nov 18
Rotterdam, 99.99% purity, duty-paid fca, \$/tonne	165.0-170.0*	0%	06 Nov 18
Italy, 99.97% purity, duty-paid fca, \$/tonne	120.0-130.0*	8.7% ▲	06 Nov 18
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	06 Nov 18
US lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	06 Nov 18
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	06 Nov 18
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	06 Nov 18
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	200.0-220.0*	0%	06 Nov 18
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	190*	2.7% ▲	21 Aug 18
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	200.0-220.0*	0%	06 Nov 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	80-140*	0%	06 Nov 18
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	06 Nov 18
East Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	80-140*	0%	06 Nov 18
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	06 Nov 18
North European warrants, min 99.80%, in-warehouse, \$/tonne	190-230*	0%	06 Nov 18
uncut cathodes premium indicator	210.0-260.0*	0%	06 Nov 18
† week-on-week change			continued ➤



	Price	Change	Assessed
4x4 cathodes premium indicator	470.0-520.0*	0%	06 Nov 18
briquettes premium indicator	245.0-275.0*	0%	06 Nov 18
Nickel 4x4 cathode premium, delivered consumer works US, US cents per pound	35-45*	0%	06 Nov 18
Nickel briquette premium, delivered consumer works US, US cents per pound	25-35*	0%	06 Nov 18
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	475-550*	-2.38% ▼	06 Nov 18
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	370-440*	-2.41% ▼	06 Nov 18
Rotterdam spot premium 99.85% ingot, in-warehouse \$/tonne	275-300*	0%	06 Nov 18
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	15-30*	-18.18% ▼	06 Nov 18
Singapore spot premium, 99.9% ingots, in-warehouse \$/tonne	25-75*	0%	06 Nov 18
Singapore spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	250-300*	0%	06 Nov 18
Shanghai spot premium, 99.85% ingots, cif, \$/tonne	150-170*	0%	06 Nov 18
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	06 Nov 18
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	06 Nov 18
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	220-240*	0%	06 Nov 18
Baltimore premium, 99.85% ASTM grade A ingots, in-warehouse \$/tonne	500-600*	0%	06 Nov 18
US midwest premium, 99.85% ASTM grade A ingots, delivered \$/tonne	550-625*	0%	06 Nov 18
US New York spot, cents/lb	946-947	-1.76% ▼	25 Jun 18
Zinc			
North European warrants, min 99.995% SHG ingots, \$/tonne	15.0-25.0*	0%	06 Nov 18
MB EU: Special high grade, fca Rotterdam, \$/tonne	118.0-125.0*	1.25% ▲	06 Nov 18
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	145.0-155.0*	0%	06 Nov 18
Malaysia fca, 99.995%, \$/tonne	150.0-160.0*	0%	06 Nov 18
Southeast Asia cif, 99.995%, \$/tonne	160.0-180.0*	0%	06 Nov 18
Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	145.0-155.0*	0%	06 Nov 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	150.0-160.0*	0%	06 Nov 18
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	170.0-190.0*	0%	06 Nov 18
Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	147*	8.89% ▲	21 Aug 18
Shanghai 99.995% purity, cif \$/tonne	160.0-170.0*	0%	06 Nov 18
Taiwan 99.995% purity SHG ingots, cif \$/tonne	140.0-155.0*	0%	06 Nov 18
India 99.995% purity, cif duty-unpaid \$/tonne	120.0-140.0*	0%	06 Nov 18
India 99.995% purity, cif duty-paid \$/tonne	225.0-250.0*	0%	06 Nov 18
Antwerp 99.995% purity, duty-paid fca \$/tonne	118.0-125.0*	1.25% ▲	06 Nov 18
Italy 99.995% purity, duty-paid fca \$/tonne	145.0-155.0*	0%	06 Nov 18
Italy 99.995% purity, delivered duty-paid \$/tonne	185.0-195.0*	0%	06 Nov 18
US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	06 Nov 18
MB US: Special high grade, \$/lb	0.085-0.093*	0%	06 Nov 18

BASE METALS			
	Price	Change†	Assessed
Alumina			
MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne	3,150.0-3,200.0*	1.11% ▲	08 Nov 18
Alumina Index fob Australia	420*	-5.08% ▼	09 Nov 18
Alumina Index fob Brazil	5*		08 Nov 18
Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	425*		09 Nov 18
Aluminium			
Shanghai bonded aluminium stocks, tonnes	4,500-5,000*	0%	01 Nov 18
Bauxite			
fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	08 Nov 18
fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	08 Nov 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)	98.0	11.36% ▲	26 Sep 18
Germany: (VDM) Electro, €/tonne wirebar (DEL):	5,480.1-5,507.3	-1.69% ▼	07 Nov 18
cathodes:	5,380.0-5,480.0	-1.27% ▼	07 Nov 18
South Africa: Palabora copper rod 7.90mm, Rand/tonne	103,716.370	1%	01 Nov 18
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	8.74-8.74*	-1.8% ▼	31 Oct 18
Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on 15th and last day of month)	87.40-87.40*	-1.8% ▼	31 Oct 18
Shanghai bonded copper stocks, tonnes	381,000-388,000*	0.26% ▲	05 Nov 18
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,040-1,050*	-2.56% ▼	06 Nov 18
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,040-1,060*	-2.78% ▼	06 Nov 18
Shanghai bonded nickel stocks, tonnes	27,000-35,000*	-27.06% ▼	01 Nov 18
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	30-31*	0%	06 Nov 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%	06 Nov 18
Lead			
Germany: (VDM) virgin soft, €/tonne	1,800-1,840	-4.96% ▼	07 Nov 18
Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne	15-30*	-10% ▼	26 Oct 18
Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	20-40*	-7.69% ▼	26 Oct 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	2,370-2,370	-7.06% ▼	07 Nov 18
UK: Special high grade, delivered monthly average price £/tonne	2,249*	8.59% ▲	01 Nov 18
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	120-140*	4%	26 Oct 18
Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	4,600-4,900*	7.95% ▲	26 Oct 18
Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	4,700-5,000*	14.12% ▲	26 Oct 18
Shanghai bonded zinc stocks, tonnes	22,000-27,000*	-19.67% ▼	01 Nov 18

† week-on-week change

continued ➤



PRECIOUS METALS			
	Price	Change [†]	Assessed
Iridium			
MB free market: min 99.9%, \$/troy oz in-warehouse	1,430-1,530*	0%	09 Nov 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,480	0%	09 Nov 18
Engelhard base price: \$/troy oz	1,485	0%	09 Nov 18
Palladium			
European free market: min 99.9%, \$/troy oz in-warehouse	1,118-1,133*	2.23% ▲	09 Nov 18
Engelhard base price: \$/troy oz	1,133	2.35% ▲	09 Nov 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,131	1.8% ▲	09 Nov 18
Platinum			
European free market: min 99.9%, \$/troy oz in-warehouse	858-872*	0.46% ▲	09 Nov 18
Engelhard base price: \$/troy oz	861	-1.03% ▼	09 Nov 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	867	-0.12% ▼	09 Nov 18
Rhodium			
European free market: min 99.9%, \$/troy oz in-warehouse	2,400-2,500*	2.51% ▲	09 Nov 18
Engelhard base price: \$/troy oz	2,465	2.07% ▲	09 Nov 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	2,460	1.44% ▲	09 Nov 18
Ruthenium			
European free market: min 99.9%, \$/troy oz in-warehouse	250-290*	0%	09 Nov 18
Engelhard base price: \$/troy oz	270	0%	09 Nov 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	270	1.89% ▲	09 Nov 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	8,150-8,350*	-0.3% ▼	09 Nov 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,100-8,300*	-0.3% ▼	09 Nov 18
MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne	50,000-50,500*	-0.99% ▼	07 Nov 18
Arsenic			
MB free market \$/lb	1.20-1.5*	0%	09 Nov 18
Bismuth			
MB free market \$/lb	3.60-4*	-1.3% ▼	09 Nov 18
MB China domestic, min 99.99%, yuan/tonne	48,000-51,000*	0%	09 Nov 18
Cadmium			
MB free market min 99.95% cents/lb	120-135*	0%	09 Nov 18
MB free market min 99.99% cents/lb	125-140*	0%	09 Nov 18
Chromium			
MB free market alumino-thermic min 99% \$/tonne	10,800-11,200*	-1.35% ▼	09 Nov 18
Cobalt			
MB free market high-grade \$/lb	33.5-34.5*	0%	09 Nov 18
MB free market low-grade \$/lb	33.5-34.45*	0%	09 Nov 18
MB high-grade, weighted average of all confirmed international trades, \$/lb	34.25*	-0.72% ▼	09 Nov 18
MB low-grade, weighted average of all confirmed international trades, \$/lb	33.75*	0.45% ▲	07 Nov 18
MB China domestic, min 99.8% yuan/tonne	430,000-450,000*	0%	09 Nov 18
Cobalt tetroxide min 72.6% Co delivered China yuan/tonne	310,000-320,000*	0%	09 Nov 18

	Price	Change	Assessed
Gallium			
MB free market \$/kg	195-210*	0%	09 Nov 18
MB China domestic, min 99.99%, yuan/kg	1,200-1,240*	-5.06% ▼	07 Nov 18
Germanium			
Germanium dioxide MB free market \$/kg	950-1,150*	0%	09 Nov 18
Germanium metal \$/kg Rotterdam	1,300-1,450*	0%	09 Nov 18
Germanium metal MB China domestic, min 99.99%, yuan/kg	7,800-8,300*	0%	07 Nov 18
Hafnium			
Hafnium 1% Zr max, in-warehouse global locations, \$/kg	950-1,050*	0%	09 Nov 18
Indium			
MB free market \$/kg	230-260*	0%	09 Nov 18
MB China domestic, min 99.99% yuan/kg	1,550-1,600*	1.29% ▲	07 Nov 18
Indium Corp ingots min 99.97% \$/kg fob	440	-40.94% ▼	26 Jun 15
Magnesium			
European free market \$ per tonne	2,700-2,750*	1.3% ▲	09 Nov 18
China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,650-2,670*	0%	09 Nov 18
MB Chinese free market min 99% Mg, ex-works yuan/tonne	17,800-17,900*	0%	09 Nov 18
Manganese flake			
MB free market \$/tonne	2,300-2,400*	-2.08% ▼	09 Nov 18
Mercury			
MB free market \$ per flask	2,750-3,100*	0%	09 Nov 18
Rhenium in-warehouse Rotterdam duty paid			
Metal pellets, min 99.9% \$/lb	726-755*	0%	09 Nov 18
APR catalytic grade \$/kg Re	1,440-1,580*	0%	09 Nov 18
Selenium			
MB free market \$/lb	14-15*	0%	09 Nov 18
MB China domestic, min 99.9%, yuan/kg	210-260*	0%	09 Nov 18
Selenium dioxide, MB China domestic, min 98%, yuan/kg	105-110*	0%	14 Sep 18
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,840-1,920*	0%	09 Nov 18
Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	1,720-1,820*	0%	09 Nov 18
US free market cents/lb	124-127*	-1.95% ▼	10 Oct 18
Export from mainland China min 98.5%, \$/tonne fob	1,650-1,720*	-1.75% ▼	09 Nov 18
Tellurium			
MB free market \$/kg	60-75*	-3.57% ▼	09 Nov 18
MB China domestic, min 99.99%, yuan/kg	490-520*	0%	09 Nov 18
Titanium			
MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	4.80-5.15*	-1% ▼	07 Nov 18
Titanium ores \$/tonne			
Rutile conc min 95% TiO2 bagged, fob/Aus	1,050-1,300	0%	08 Nov 18
Rutile bulk conc min 95% TiO2 fob/Aus	1,000-1,050	0%	08 Nov 18
Ilmenite concentrate, 47-49% TiO2 cif China	164-180	0%	08 Nov 18

† week-on-week change

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NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdc oxide			
Europe drummed molybdc oxide \$/lb Mo	11.80-12*	-1.45%	▼ 09 Nov 18
US canned molybdc oxide \$/lb Mo	11.90-12.10*	-0.41%	▼ 08 Nov 18
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	28.5-29*	-1.03%	▼ 09 Nov 18
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	12.90-13.35*	0%	08 Nov 18
MB Chinese free market concentrate 45% Mo in-warehouse China yuan/mtu	1,990-2,020*	-0.74%	▼ 31 Oct 18
Tungsten			
European free market APT \$/mtu	275-295*	0%	09 Nov 18
Export from mainland China APT Chinese No1 grade, min 88.5% WO ₃ , S/mtu fob	280-285*	0%	07 Nov 18
MB Chinese free market concentrate 65% WO ₃ in-warehouse China yuan/tonne	101,000-103,500*	-0.73%	▼ 07 Nov 18
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	33-33.5*	0%	09 Nov 18
China export min 75% \$/kg W, fob China	33-34*	0%	07 Nov 18
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	130-140*	0%	08 Nov 18
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	124-126*	5.49%	▲ 09 Nov 18
US free market ferro-vanadium \$/lb in-warehouse Pittsburgh	54-55.5*	0%	08 Nov 18
Vanadium pentoxide 98% min, fob, China \$/lb V2O ₅	31-33*	0%	08 Nov 18
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V2O ₅	28.5-28.90*	6.3%	▲ 09 Nov 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	0.82*	-2.38%	▼ 09 Nov 18
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.15*	-2.54%	▼ 09 Nov 18
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	7,000-7,050*	-0.35%	▼ 09 Nov 18
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,750-7,000*	0%	09 Nov 18
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.24*	-10.14%	▼ 17 Oct 18
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si	1.04-1.12*	-1.82%	▼ 09 Nov 18
0.10% C average 60-70% Cr	2.16-2.26*	0%	02 Nov 18
European low carbon in-warehouse 0.06% C max - 65% Cr	2.22-2.33*	-1.73%	▼ 02 Nov 18
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.18-1.28*	0%	02 Nov 18
Japan import 8-9% C, basis 60% Cr, cif Japan, duty-unpaid \$/lb contained chrome	0.89-0.93*	0%	08 Nov 18
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty-unpaid \$/lb contained chrome	0.83-0.86*	0%	08 Nov 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	1.250-1.350*	-1.14%	▼ 08 Nov 18
0.05% C - 65% min Cr	2.30-2.35*	-2.11%	▼ 08 Nov 18
0.10% C - 62% min Cr	2-2.02*	-1.23%	▼ 08 Nov 18
0.15% C - 60% min Cr	1.94-1.98*	-0.76%	▼ 08 Nov 18
Chrome ore \$/tonne			
<i>Chrome ore cif main Chinese ports</i>			
South African UG2 chrome ore concs, index basis 42%	168*	-0.59%	▼ 09 Nov 18
Turkish lumpy 40-42% cfr main Chinese ports	225-235*	0%	09 Nov 18
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	950-1,000*	2.63%	▲ 09 Nov 18
US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,275-1,375*	-1.85%	▼ 08 Nov 18
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/lb	1.12-1.15*	0%	08 Nov 18
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	7,300-7,500*	0.68%	▲ 09 Nov 18
Manganese ore			
44% Mn, cif Tianjin \$/dmu of metal contained	7.13*	-0.7%	▼ 09 Nov 18
37% Mn, fob Port Elizabeth \$/dmu of metal contained	6.08*	0.5%	▲ 09 Nov 18
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2.5-2.60*	-1.54%	▼ 31 Oct 18
Ferro-nickel			
China premium, 26-32% nickel contained, cif China, \$/tonne	-300--150*	0%	29 Oct 18
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata) €/tonne	1,270-1,340*	0%	09 Nov 18
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	1.03-1.05*	0%	08 Nov 18
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,260-1,290*	-0.39%	▼ 09 Nov 18
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,600-6,700*	0%	09 Nov 18
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	900-950*	0%	09 Nov 18
US free market \$/lb in-warehouse Pittsburgh	0.61-0.63*	0%	08 Nov 18
MB Chinese free market min 65% Mn max 17% Si in-warehouse China yuan/tonne	8,400-8,500*	0%	09 Nov 18
65% min Mn 16% min Si \$/tonne fob India	1,020-1,060*	0.48%	▲ 09 Nov 18

† week-on-week change

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CARBON STEEL - EUROPE			
	Price	Change [†]	Assessed
Northern Europe imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, non-EU origin, commercial-quality carbon steel, € per tonne cfr main EU port</i>			
Rebar	500-505*	0%	07 Nov 18
Wire rod (mesh quality)	520-530*	0%	07 Nov 18
Plate (8-40mm)	570-580*	0%	07 Nov 18
Hot rolled coil	520-540*	-0.93% ▼	07 Nov 18
Cold rolled coil	600-620*	0%	07 Nov 18
Hot-dip galvanized coil	650-670*	0%	07 Nov 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	480-500*	0%	07 Nov 18
Wire rod (mesh quality)	520-530*	0%	07 Nov 18
Plate (8-40mm)	550-560*	-1.77% ▼	07 Nov 18
Hot rolled coil	495-520*	-1.46% ▼	07 Nov 18
Cold rolled coil	590-610*	0%	07 Nov 18
Hot-dip galvanized coil	640-660*	0%	07 Nov 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	460-490*	0%	07 Nov 18
Wire rod (mesh quality)	480-500*	0%	07 Nov 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	550-560*	0.91% ▲	07 Nov 18
Wire rod (mesh quality)	535-560*	0%	07 Nov 18
Sections (medium)	640-660*	-0.76% ▼	07 Nov 18
Beams	620-650*	0%	07 Nov 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	520-535*	0.96% ▲	07 Nov 18
Wire rod (mesh quality)	535-560*	0%	07 Nov 18
Sections (medium)	630-650*	0%	07 Nov 18
Beams	630-650*	0%	07 Nov 18
Central Europe domestic € per tonne ex-works			
Hot rolled coil	530-540*	-0.93% ▼	07 Nov 18
Poland domestic zloty per tonne ex-works			
Rebar	2,320-2,350*	-1.48% ▼	09 Nov 18
Northern Europe € per tonne ex-works			
Plate (8-40mm)	610-630*	-0.8% ▼	07 Nov 18
Hot rolled coil	550-560*	-0.45% ▼	07 Nov 18
Cold rolled coil	620-650*	-0.78% ▼	07 Nov 18
Hot-dip galvanized coil	620-660*	0%	07 Nov 18
Southern Europe € per tonne ex-works			
Plate (8-40mm)	550-565*	-2.62% ▼	07 Nov 18
Hot rolled coil	490-530*	-0.97% ▼	07 Nov 18
Cold rolled coil	580-620*	0%	07 Nov 18
Hot-dip galvanized coil	580-620*	-0.41% ▼	07 Nov 18
CARBON STEEL - NORTH AFRICA			
	Price	Change [†]	Assessed
Algeria imports			
<i>Metal Bulletin's appraisal of cfr prices for imported, EU origin, commercial-quality carbon steel, € per tonne cfr main port</i>			
Rebar	480-490*	0%	03 Oct 18

CARBON STEEL - CIS			
	Price	Change [†]	Assessed
CIS exports (Black Sea)			
<i>Metal Bulletin's appraisal of CIS mills' prices for export outside the CIS of commercial-quality carbon steel, \$ per tonne fob stowed main Black Sea port</i>			
Billet index	462*	1.09% ▲	09 Nov 18
Slab	450-460*	0%	05 Nov 18
Rebar	490-500*	0%	05 Nov 18
Wire rod (mesh)	505-520*	-1.44% ▼	05 Nov 18
Heavy plate (10-50mm)	603-605*	0%	05 Nov 18
Hot rolled coil	490-510*	-0.5% ▼	05 Nov 18
Cold rolled coil	595-605*	0%	05 Nov 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	37,500-40,000*	-4.32% ▼	06 Nov 18
Hot rolled sheet	40,000-40,500*	-2.19% ▼	06 Nov 18
Cold rolled sheet	48,000-48,500*	-2.03% ▼	06 Nov 18
Plate	40,000-40,500*	-4.51% ▼	06 Nov 18
CARBON STEEL - MIDDLE EAST			
	Price	Change [†]	Assessed
Turkish exports			
<i>Metal Bulletin's appraisal of Turkish mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main Turkish port</i>			
Billet	485-490*	2.63% ▲	08 Nov 18
Rebar	510-520*	2.49% ▲	08 Nov 18
Wire rod (mesh quality)	525-535*	1.92% ▲	08 Nov 18
Merchant bars	585-615*	7.14% ▲	08 Nov 18
Structural pipe	620-640*	-1.56% ▼	10 Oct 18
Hot rolled coil	530-540*	-2.28% ▼	09 Nov 18
Hot dip galvanized	700-710*	1.08% ▲	09 Nov 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	470-485*	2.69% ▲	08 Nov 18
Rebar	530-545*	-2.27% ▼	16 Aug 18
Wire rod (mesh quality)	560-580*	-2.98% ▼	16 Aug 18
Hot rolled coil	530-540*	0%	09 Nov 18
Cold rolled coil	620-625*	-0.8% ▼	09 Nov 18
Hot dip galvanized	700-710*	0%	09 Nov 18
Prepainted galvanized	770-780*	0%	09 Nov 18
Turkish imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main Turkish port</i>			
Billet	475-485*	2.67% ▲	08 Nov 18
Hot rolled coil	510-520*	0%	09 Nov 18
Cold rolled coil	620-625*	0%	09 Nov 18
UAE imports			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr Jebel Ali</i>			
Billet	490-500*	-0.5% ▼	06 Nov 18
Rebar	510-525*	-1.24% ▼	06 Nov 18
Hot rolled coil	550-580*	0%	06 Nov 18
Cold rolled coil	640-645*	0%	06 Nov 18
Hot dip galvanized coil	700-780*	0%	06 Nov 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	550-570*	-0.88% ▼	06 Nov 18
UAE domestic			
† week-on-week change			continued ➤



	Price	Change	Assessed
<i>Metal Bulletin's appraisal of prices within UAE for commercial-quality carbon steel of UAE origin, dirhams per tonne ex-works</i>			
Rebar	2,015-2,016*	0%	06 Nov 18
Iran imports			
<i>Metal Bulletin's appraisal of prices quoted by overseas suppliers for commercial-quality carbon steel to Iranian buyers, \$ per tonne cfr Iranian northern ports</i>			
Cold rolled coil	630-640*	0%	29 Aug 18
Hot rolled coil	595-600*	0%	29 Aug 18
Iran exports			
<i>Metal Bulletin's appraisal of prices quoted by overseas suppliers for commercial-quality carbon steel to Iranian buyers, \$ per tonne fob Iranian ports</i>			
Billet	430-435*	-0.57% ▼	07 Nov 18
Slab	420-430*	-1.16% ▼	07 Nov 18
Egyptian domestic			
<i>Metal Bulletin's appraisal of prices within Egypt for commercial-quality carbon steel of Egyptian origin, £ per tonne ex-works</i>			
Rebar	12,180-12,198*	0%	08 Nov 18
Egyptian import			
<i>Metal Bulletin's appraisal of prices for imported commercial-quality carbon steel, \$ per tonne cfr main port</i>			
Billet	480-490*	1.36% ▲	08 Nov 18
CARBON STEEL - LATIN AMERICA			
	Price	Change†	Assessed
Latin American exports			
<i>Metal Bulletin's appraisal of Latin American mills' prices for export outside Latin America of commercial-quality carbon steel, \$ per tonne fob stowed main Latin American port</i>			
Billet	500-510*	0%	09 Nov 18
Slab, Brazil	510-515*	0.49% ▲	09 Nov 18
Rebar	560-565*	0%	09 Nov 18
Wire rod mesh quality	595-600*	0%	09 Nov 18
Heavy plate over 10mm	640-650*	0%	09 Nov 18
Hot rolled coil (dry)	555-560*	0%	09 Nov 18
Cold rolled coil	650-660*	0%	09 Nov 18
Galvanized coil	800-810*	0%	09 Nov 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	610-620*	0%	09 Nov 18
Hot rolled coil	560-570*	0%	09 Nov 18
Cold rolled coil	610-630*	-0.4% ▼	09 Nov 18
Galvanized coil	690-700*	0%	09 Nov 18
Argentina domestic \$ per tonne ex-works			
<i>Metal Bulletin's appraisal of prices within Argentina for commercial-quality carbon steel, \$ per tonne</i>			
Hot rolled coil	750-755*	1.69% ▲	09 Nov 18
Cold rolled coil	850-860*	1.48% ▲	09 Nov 18
Galvanized coil	1,090-1,170*	2.49% ▲	09 Nov 18
Rebar	850-860*	1.79% ▲	09 Nov 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	2,850-2,900*	0%	02 Nov 18
Cold rolled coil	3,100-3,300*	0%	02 Nov 18
Hot dip galvanized coil	3,500-3,600*	0%	02 Nov 18
<i>Metal Bulletin's appraisal of prices within Brazil for commercial-quality carbon steel, Reais per tonne delivered</i>			
Rebar	2,800-2,860*	5.2% ▲	02 Nov 18

CARBON STEEL - NAFTA			
	Price	Change†	Assessed
US imports			
<i>Metal Bulletin's appraisal of prices for imported, non-Nafta origin, commercial-quality carbon steel, \$ per short ton cfr port Houston</i>			
Rebar	676-700*	0%	07 Nov 18
Merchant bars	770-800*	18.94% ▲	26 Oct 18
Wire rod (low carbon)	744-762*	0%	24 Oct 18
Medium sections	900-920*	0%	25 Oct 18
Medium plate	900-920*	2.25% ▲	31 Oct 18
Hot rolled coil (commodity)	740-820*	2.63% ▲	31 Oct 18
Cold rolled coil	860-880*	-4.4% ▼	31 Oct 18
Hot dipped galvanized 0.012-0.015, G30	1,060-1,110*	-1.81% ▼	31 Oct 18
ERW linepipe (X42)	1,150-1,320*	0.82% ▲	30 Oct 18
OCTG API5CT - casing J55	1,100-1,150*	0%	30 Oct 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%	07 Nov 18
Wire rod (mesh quality fob mill)	765-765*	0%	24 Oct 18
Plate (fob mill)	980-980*	1.03% ▲	02 Nov 18
Hot rolled sheet index (fob mill)	816-816*	-1.07% ▼	08 Nov 18
Cold rolled sheet (fob mill)	920-920*	-2.13% ▼	08 Nov 18
Hot-dip galvanized (base) Midwest (fob mill)	920-920*	-2.13% ▼	08 Nov 18
OCTG API5CT - casing J55 (fob mill)	1,220-1,250*	1.86% ▲	30 Oct 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%	26 Oct 18
CARBON STEEL - ASIA			
	Price	Change†	Assessed
China exports			
<i>Metal Bulletin's appraisal of Chinese mills prices for export of commercial-quality carbon steel, \$ per tonne fob main China port</i>			
Rebar index	575-575*	-0.38% ▼	09 Nov 18
Wire rod (mesh quality)	555-560*	-2.62% ▼	06 Nov 18
Heavy plate	560-570*	-0.44% ▼	06 Nov 18
Hot rolled coil index	523-523*	-1.26% ▼	09 Nov 18
Cold rolled coil	570-580*	-0.43% ▼	06 Nov 18
Galvanized coil 1mm	620-625*	-0.4% ▼	06 Nov 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	4,480-4,520*	-3.64% ▼	09 Nov 18
Wire rod (mesh)	4,400-4,500*	-4.3% ▼	09 Nov 18
Sections	4,180-4,220*	-0.59% ▼	09 Nov 18
Plate	4,220-4,270*	-1.62% ▼	09 Nov 18
Hot rolled coil (min 2mm)	3,900-3,930*	-3.09% ▼	09 Nov 18
Cold rolled coil (0.5 - 2 mm)	4,520-4,570*	-2.47% ▼	09 Nov 18
Hot-dip galvanized coil	4,680-4,750*	-4.84% ▼	09 Nov 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	3,820-3,820*	-3.29% ▼	09 Nov 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	3,920-4,000*	-1.86% ▼	09 Nov 18
Rebar	4,350-4,480*	-1.12% ▼	09 Nov 18
† week-on-week change			continued ➤



	Price	Change	Assessed
Southern China domestic			
<i>Metal Bulletin's appraisal of prices in southern China for commercial-quality carbon steel of Chinese origin, yuan per tonne ex-warehouse</i>			
Rebar	4,700-4,800*	-3.85% ▼	09 Nov 18
Wire rod (mesh)	4,600-4,700*	-6.06% ▼	09 Nov 18
Sections	4,280-4,320*	-0.58% ▼	09 Nov 18
Plate	4,250-4,340*	-1.49% ▼	09 Nov 18
Hot rolled coil (min 2mm)	3,990-4,080*	-1.22% ▼	09 Nov 18
Cold rolled coil (0.5 - 2 mm)	4,590-4,650*	-2.53% ▼	09 Nov 18
Hot-dip galvanized coil	4,670-4,760*	-4.75% ▼	09 Nov 18
Southeast Asia imports			
<i>Metal Bulletin's appraisal of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr</i>			
Billet	505-510*	0%	09 Nov 18
Slab (Asia/East Asia)	470-480*	0%	05 Nov 18
Hot rolled coil (Vietnam)	540-545*	-1.36% ▼	05 Nov 18
Rebar (Singapore)	525-530*	0%	05 Nov 18
Wire rod (low carbon)	580-595*	0%	05 Nov 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	455-460*	0%	09 Nov 18
Plate (12-40mm)	600-605*	0%	09 Nov 18
Hot rolled coil (commodity)	525-540*	0%	09 Nov 18
Hot-dip galvanized coil	710-720*	0%	09 Nov 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)	625-630*	0%	09 Nov 18
Hot rolled coil (commodity)	580-585*	0%	09 Nov 18
Hot rolled coil (CR grade)	620-625*	0%	09 Nov 18
Cold rolled	640-645*	0%	09 Nov 18
Indian domestic			
<i>Metal Bulletin's appraisal of prices within India for commercial-quality carbon steel, rupees per tonne ex-works</i>			
Billet	33,600-33,800*	0%	09 Nov 18
Heavy plate	46,500-47,000*	0%	09 Nov 18
Hot rolled coil	46,000-46,500*	-0.54% ▼	09 Nov 18
Cold rolled coil	51,500-52,000*	0%	09 Nov 18
DRI	22,800-23,000*	-0.22% ▼	09 Nov 18
Hot-dip galvanized coil	55,000-55,500*	0%	09 Nov 18
Rebar	36,300-36,500*	0%	09 Nov 18
STEELBENCHMARKER™ PRICES			
	Price	Change†	Assessed
Region: USA east of the Mississippi			
Standard plate (\$/metric tonne)	1,096	-0.9% ▼	22 Oct 18
Standard plate (\$/short ton)	994	-0.9% ▼	22 Oct 18
Hot rolled coil (\$/metric tonne)	928	-1.28% ▼	22 Oct 18
Hot rolled coil (\$/short ton)	842	-1.29% ▼	22 Oct 18
Cold rolled coil (\$/metric tonne)	1,017	-1.17% ▼	22 Oct 18
Cold rolled coil (\$/short ton)	923	-1.07% ▼	22 Oct 18
Region: Mainland China			
Rebar	558	2.39% ▲	22 Oct 18
Standard plate	532	-0.56% ▼	22 Oct 18
Hot rolled coil	515	-0.77% ▼	22 Oct 18
Cold rolled coil	594	-0.34% ▼	22 Oct 18
Region: World export market			
Hot rolled coil (\$/metric tonne)	577	-0.35% ▼	22 Oct 18

STAINLESS STEEL			
	Price	Change†	Assessed
Asia import			
\$/tonne cif East Asian port			
Grade 304 2mm CR coil 2B	2,030-2,100*	-0.48% ▼	07 Nov 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%	07 Nov 18
Grade 430 2mm CR coil	8,400-8,450*	0%	07 Nov 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 sheet, €/tonne			
N.Europe Base price	925-985*	0%	09 Nov 18
Alloy surcharge	1,381-1,411*	0%	09 Nov 18
2mm 316 cold rolled stainless sheet, €/tonne			
Base price	1,270-1,320*	0%	09 Nov 18
Alloy surcharge	2,096-2,140*	0%	09 Nov 18
304 stainless steel bright bar, €/tonne			
Base price	1,000-1,080*	0%	09 Nov 18
Alloy surcharge	1,692-1,756*	0%	09 Nov 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	115-115*	-5.74% ▼	10 Oct 18
Grade 316 coiled plate	168-168*	-4.27% ▼	10 Oct 18
Grade 304 cold rolled sheet	131-131*	0%	25 Oct 18
Grade 316L cold rolled sheet	178-178*	0%	25 Oct 18
Raw materials index			
EU domestic stainless steel \$ per tonne			
304 Europe raw materials index	1,250.48*	-2.21% ▼	05 Nov 18
CHINA IRON ORE			
<i>cfr main China port \$ per dry metric tonne</i>			
	Price	Change†	Assessed
Iron ore index (62% Fe)	77.20*	4.37% ▲	09 Nov 18
Iron ore pellet index cfr Qingdao (65% Fe)	142.55*	-2.2% ▼	09 Nov 18
Iron ore concentrate index cfr Qingdao (66% Fe)	100.66*	-2.07% ▼	09 Nov 18
Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Qingdao	1.14*	6.54% ▲	01 Nov 18
COKING COAL			
<i>\$ per metric tonne</i>			
	Price	Change†	Assessed
Premium hard coking coal cfr China	216.31-216.31*	-0.33% ▼	09 Nov 18
Hard coking coal cfr China	204.18-204.18*	2.31% ▲	09 Nov 18
Premium hard coking coal fob Australia	216.97-216.97*	-1.33% ▼	09 Nov 18
Hard coking coal fob Australia	192.99-192.99*	0%	09 Nov 18
China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,520-1,850*	0%	09 Nov 18
65% CSR coke \$/tonne fob China	390-410*	1.27% ▲	06 Nov 18
† week-on-week change			

continued ➤



FERROUS SCRAP			
	Price	Change [†]	Assessed
UK ferrous scrap domestic			
<i>The following is Metal Bulletin's evaluation of UK prices for processed scrap delivered to consumers within the month listed. Prices may vary according to region and destination, and should be read in conjunction with editorial comment on the Ferrous scrap pages.</i>			
<i>£/tonne</i>			
Cut grades			
OA plate and structural	180-205*	0%	12 Oct 18
1&2 old steel	160-185*	0%	12 Oct 18
12A/C new production heavy and shovellable steel	200-225*	0%	12 Oct 18
12D new production heavy and shovellable steel	205-230*	0%	12 Oct 18
Bales and cuttings			
4A new steel bales	205-230*	0%	12 Oct 18
4C new steel bales	195-220*	0%	12 Oct 18
8A new loose light cuttings	190-220*	0%	12 Oct 18
8B new loose light cuttings	175-205*	0%	12 Oct 18
Turnings			
UK inter-merchant 7B heavy steel turnings	140-160*	0%	12 Oct 18
Cast iron			
9A/10 heavy and light cast iron	160-185*	0%	12 Oct 18
9B/C cylinder block scrap	180-205*	0%	12 Oct 18
11A cast iron borings	100-120*	0%	12 Oct 18
<i>Prices relate to new UK scrap specifications</i>			
<i>Please see MB.com for full explanation of price changes</i>			
UK intermerchant weekly price			
<i>£/tonne</i>			
5C loose old light	90-120*	0%	09 Nov 18
UK ferrous scrap export			
<i>MB assessment \$ fob main UK port</i>			
HMS 1&2 (80:20 mix)	315-317*	0.32% ▲	09 Nov 18
Shredded	320-322*	0.31% ▲	09 Nov 18
Indian imports			
<i>MB assessment \$/tonne cfr Nhava Sheva</i>			
MB index cfr India shredded	355.30*	-0.06% ▼	09 Nov 18
HMS 1&2 (80:20 mix)	320-335*	0%	09 Nov 18
Alloy steel scrap domestic			
<i>UK wholesale merchants' stainless (£/tonne)</i>			
18/8 solids	800-840*	-4.65% ▼	09 Nov 18
18/8 turnings	680-715*	-4.78% ▼	09 Nov 18
316 solids	1,250-1,300*	-3.77% ▼	09 Nov 18
316 turnings	1,065-1,105*	-3.77% ▼	09 Nov 18
12-13% Cr solids	190-220*	0%	09 Nov 18
16-17% Cr solids	240-270*	0%	09 Nov 18
Cif Europe stainless € per tonne			
18/8 solids	980-1,000*	-1.49% ▼	09 Nov 18
18/8 turnings	880-900*	-1.39% ▼	09 Nov 18
316 solids	1,550-1,580*	0%	09 Nov 18
316 turnings	1,395-1,420*	0%	09 Nov 18
Rotterdam export			
<i>MB assessment \$/tonne fob Rotterdam</i>			
MB index fob Rotterdam HMS 1&2 (80:20)	312.27*	-0.14% ▼	09 Nov 18
HMS 1&2 (75:25 mix)	310-312*	2.3% ▲	09 Nov 18
Shredded	320-322*	1.26% ▲	09 Nov 18
Turkish import			
<i>MB assessment \$/tonne cfr main Turkish ports</i>			
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	329.65*	-0.8% ▼	09 Nov 18

	Price	Change	Assessed
MB index cfr Turkey HMS 1&2 (80:20) (United States material)	338.04*	-0.87% ▼	09 Nov 18
HMS 1&2 (75:25 mix)	329-331*	2.17% ▲	09 Nov 18
Shredded	340-348*	-0.58% ▼	09 Nov 18
Turkish domestic			
<i>MB assessment delivered</i>			
Melting scrap from shipbreaking (\$/tonne)	330-335*	2.31% ▲	05 Nov 18
Auto bundle scrap (Turkish lira/tonne)	1,750-1,940*	-0.54% ▼	05 Nov 18
USA export			
<i>AMM ferrous scrap export index \$/tonne East Coast fob New York</i>			
HMS 1&2 (80:20)	314*	2.28% ▲	07 Nov 18
Shredded	319*	2.24% ▲	07 Nov 18
USA domestic			
<i>AMM Midwest index \$/gross ton delivered mill</i>			
No 1 heavy melting scrap	304.5*	3.76% ▲	10 Oct 18
No 1 busheling	392.28*	5.23% ▲	10 Oct 18
Shredded	330.97*	3.37% ▲	10 Oct 18
China domestic			
<i>yuan/tonne delivered mill</i>			
Heavy scrap	2,780-2,960*	0%	09 Nov 18
Taiwan import			
<i>\$/tonne cfr main port</i>			
HMS 1&2 (80:20 mix) (USA material)	310-310*	-2.36% ▼	09 Nov 18
Vietnam import			
<i>\$/tonne cfr southern Vietnam</i>			
HMS 1&2	350-358*	0%	09 Nov 18
Germany domestic			
<i>€/tonne composite sales price ex-yard, source: BDSV</i>			
No E2/8 (new steel scrap)	255.5	0.27% ▲	01 Oct 18
No E1 (old steel scrap)	226.30	0.98% ▲	01 Oct 18
No E3 (old thick steel scrap)	251.20	0.96% ▲	01 Oct 18
No E40 (shredded steel scrap)	256	2.15% ▲	01 Oct 18
No E5 (steel turnings)	205.90	1.73% ▲	01 Oct 18
<i>MB assessment €/tonne delivered at mill</i>			
Grade E40 (shredded steel scrap)	280-290	0%	19 Oct 18
No E8 (thin new production steel scrap)	275-285	0%	19 Oct 18
No E3 (old thick scrap)	270-285	0%	19 Oct 18
Italy domestic			
<i>MB assessment €/tonne delivered at mill</i>			
No E3 (old thick scrap)	275	0%	17 Oct 18
No E8 (thin new production steel)	280	0%	17 Oct 18
SCRAP SUBSTITUTES			
	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	390-395*	-0.63% ▼	08 Nov 18
Latin American exports \$/tonne, delivery terms as stated			
Hot briquetted iron Venezuela	230-240*	0%	09 Nov 18
Pig iron fob Vitoria/Rio	346-348*	-0.86% ▼	09 Nov 18
Pig iron fob Ponta da Maderia	372-382*	0.67% ▲	09 Nov 18
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	370-385*	-1.31% ▼	09 Nov 18
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	385-395*	-1.27% ▼	08 Nov 18
Pig iron Black Sea	365-370*	-0.68% ▼	08 Nov 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	990-1,050*	0%	09 Nov 18
Cast	920-970*	0%	09 Nov 18
Mixed turnings 6%	765-815*	0%	09 Nov 18
Germany per 1000kg			
Pure cuttings	1,310-1,390	-0.74% ▼	07 Nov 18
Commercial cast	1,060-1,180	-0.88% ▼	07 Nov 18
H9 extrusions	1,680-1,780	-0.57% ▼	07 Nov 18
Alloy turnings	690-810	-1.32% ▼	07 Nov 18
<i>Source: VDM</i>			
France per 1000kg			
Pure cuttings	1,540-1,550	0.32% ▲	06 Nov 18
Old rolled	600-630	-1.6% ▼	06 Nov 18
Commercial cast	550-650	-7.69% ▼	06 Nov 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Pure cuttings	1,025-1,055	-0.95% ▼	01 Nov 18
Old mixed scrap	1,460-1,500	-1% ▼	01 Nov 18
Commercial cast	905-940	0%	01 Nov 18
<i>Source: Assomet</i>			
Copper			
Germany per 1000kg			
Copper wire (berry)	5,150-5,300	-1.14% ▼	07 Nov 18
Heavy copper	4,760-4,840	-0.41% ▼	07 Nov 18
Heavy brass	3,400-3,600	-0.85% ▼	07 Nov 18
Brass turnings (MS 58)	3,780-3,890	-0.78% ▼	07 Nov 18
Brass sheet (MS 63)	3,900-4,020	-0.75% ▼	07 Nov 18
<i>Source: Verein Deutscher Metallhandler</i>			
France per 1000kg			
Electro cuttings	4,850-4,900	0.52% ▲	06 Nov 18
No 1 bright wire	4,450-4,500	-1% ▼	06 Nov 18
Mixed (96%)	4,450-4,500	0.11% ▲	06 Nov 18
Brass plate cuttings 70/30	3,750-3,800	0%	06 Nov 18
Brass turnings	3,250-3,350	0%	06 Nov 18
Mixed brass	3,050-3,100	0%	06 Nov 18
<i>Source: Lettre d'Information Metaux</i>			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,065-5,225	-0.19% ▼	01 Nov 18
Enamelled wire EN 12861-S-Cu-3	4,943-5,105	-0.2% ▼	01 Nov 18
New from tubes, strips etc EN 12861-S-Cu-4	4,967-5,195	-0.2% ▼	01 Nov 18
Old from tubes, strips etc 12861-S-Cu-7	4,795-4,965	-0.2% ▼	01 Nov 18
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,965-4,080	0.5% ▲	01 Nov 18
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,200-3,530	-1.32% ▼	01 Nov 18
Several 95% m/m 12861-S-Cu-Zn-7	3,250-3,330	-1.35% ▼	01 Nov 18
<i>Source: Assomet</i>			

STEELBENCHMARKER™ SCRAP PRICES			
	Price	Change†	Assessed
Region: USA, east of the Mississippi			
Shredded scrap (\$/metric tonne)**	335	0%	22 Oct 18
Shredded scrap (\$/gross ton)**	340	0%	22 Oct 18
No 1 heavy melting scrap (\$/metric tonne)	310	0%	22 Oct 18
No 1 heavy melting scrap (\$/gross ton)	315	0%	22 Oct 18
No 1 busheling scrap (\$/metric tonne)	399	0%	22 Oct 18
No 1 busheling scrap (\$/gross ton)	405	0%	22 Oct 18
**For shredded scrap the region is for all but the West Coast			
UK NON-FERROUS SCRAP			
	Price	Change†	Assessed
Aluminium - actual price			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	1,360-1,410*	-1.42% ▼	07 Nov 18
Commercial pure cuttings	1,080-1,110*	-2.23% ▼	07 Nov 18
Clean HE9 extrusions	1,360-1,410*	-2.12% ▼	07 Nov 18
Loose old rolled cuttings	750-780*	-2.55% ▼	07 Nov 18
Baled old rolled	800-830*	-2.98% ▼	07 Nov 18
Commercial cast	840-890*	-4.42% ▼	07 Nov 18
Cast wheels	1,220-1,240*	-0.81% ▼	07 Nov 18
Commercial turnings	600-625*	-1.61% ▼	07 Nov 18
Group 7 turnings	505-535*	-1.89% ▼	07 Nov 18
MB and LME aluminium scrap discounts			
<i>£ per tonne</i>			
Group 1 pure 99% & Litho	94-144*	-7.75% ▼	07 Nov 18
Commercial pure cuttings	394-424*	-1.21% ▼	07 Nov 18
Clean HE9 extrusions	94-144*	0%	07 Nov 18
Loose old rolled cuttings	340-370*	-6.33% ▼	07 Nov 18
Baled old rolled	290-320*	-5.86% ▼	07 Nov 18
Commercial cast	230-280*	-1.54% ▼	07 Nov 18
Cast wheels	-120--100*	44.74% ▲	07 Nov 18
Commercial turnings	495-520*	-6.28% ▼	07 Nov 18
Group 7 turnings	585-615*	-5.36% ▼	07 Nov 18
Titanium			
<i>\$/lb cif</i>			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	0.90-1*	-13.64% ▼	07 Nov 18
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.90-0.95*	-9.76% ▼	07 Nov 18
Copper scrap discount			
<i>cents/lb</i>			
No 2 copper (birch/cliff) imported into China 94-96% cif China	28-36*	-8.57% ▼	29 Oct 18

† week-on-week change

continued ➤

NON-FERROUS FOUNDRY INGOTS			
	Price	Change ¹	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,450-1,500*	-3.59% ▼	07 Nov 18
LM6/LM25 gravity diecasting ingot	1,745-1,800*	0%	07 Nov 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	1,420-1,470*	-3.34% ▼	09 Nov 18
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.89-0.90*	-0.56% ▼	08 Nov 18
AFFIMET €/tonne			
AS12	3,769	1.62% ▲	01 Nov 18
AS12 UN	2,575	-3.74% ▼	01 Nov 18
AS9 U3	1,950	-4.88% ▼	01 Nov 18
AS5 U3	2,300	-4.17% ▼	01 Nov 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,180-2,280	-1.76% ▼	07 Nov 18
DIN 231	2,260-2,360	-1.7% ▼	07 Nov 18
DIN 311	2,240-2,340	-1.72% ▼	07 Nov 18
Aluminium bronze £/tonne UK			
AB1 ex-works	5,050	0%	06 Nov 18
AB2 ex-works	5,100	0%	06 Nov 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,180	0%	06 Nov 18
High tensile HTB1 ex-works	4,480	0%	06 Nov 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,790	0%	06 Nov 18
LG4 87/7/3/3 ex-works	5,680	0%	06 Nov 18
G1 1.15 PB ex-works	6,300	0%	06 Nov 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,850	0%	06 Nov 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,250	0%	06 Nov 18
15% P ex-works	6,300	0%	06 Nov 18
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered UK)			
Brock Metal ZL3	2,549	-2.49% ▼	01 Nov 18
Brock Metal ZL5	2,576	-2.35% ▼	01 Nov 18



Monthly averages: October

BASE METALS			
		Low	High
Aluminium			
Aluminium P1020A, in-warehouse Rotterdam premium, duty unpaid, spot \$/tonne		71.09	79.57
Aluminium P1020A, in-warehouse Rotterdam duty paid, spot \$/tonne		133.78	143.78
Alumina			
Index fob Australia		490.16	
Copper			
US High-grade cathode premium indicator, \$/tonne		154.32	165.35
Nickel			
Free market in warehouse premium			
Europe \$/tonne	Uncut cathodes	210.00	252.00
	4x4 cathodes	470.00	520.00
	Briquettes	245.00	275.00
Tin			
European free market			
Spot Premium 99.9%, \$/tonne		320.00	370.00
Spot premium 99.85%, \$/tonne		275.00	300.00
Kuala Lumpur (ex-smelter), \$/tonne		19,063.04	
MINOR METALS			
Antimony			
MB free market Regulus 99.65%, max Se 50ppm, in warehouse, \$/tonne		8,272.22	8,522.22
MMTA Standard grade II, \$/tonne		8,255.56	8,494.44
Bismuth			
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb		3.88	4.39
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		120.00	135.00
min 99.99%, in warehouse cents/lb		125.00	140.00
Cobalt			
MB free market			
High Grade, in warehouse, \$/lb		33.50	34.43
Low Grade, in warehouse, \$/lb		33.50	34.40
Germanium Dioxide			
MB free market min 99.99%, \$/kg		950.00	1,150.00
Rotterdam, \$/kg		1,300.00	1,450.00
Indium			
MB free market ingots, min 99.97%, in warehouse, \$/kg		238.89	271.67
Magnesium			
MB free market min 99.8%, \$/tonne		2,590.00	2,700.00
China free market min 99.8%, \$/tonne		2,675.00	2,700.00
Mercury			
MB free market min 99.99%, in warehouse, \$/flask		2,750.00	3,100.00

	Low	High
Selenium		
MB free market min 99.5% in warehouse, \$/lb	14.56	15.57
Silicon		
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	1,850.00	1,935.00
Titanium		
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	5.17	5.67
ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdioxide \$/lb Mo	11.92	12.08
US canned molybdic oxide \$/lb Mo	12.00	12.13
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	28.83	29.13
Tungsten		
European free market APT, \$/mtu	275.00	292.50
Ferro-tungsten		
basis 75% W min, \$/kg	33.00	34.00
Vanadium		
min 98%, in-warehouse Rotterdam, V2O5, \$/lb	23.99	25.13
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	112.47	116.72
US Free market 70-80%, \$/lb	51.00	53.44
PRECIOUS METALS		
Gold		
London \$/troy oz	Morning	1,214.73
	Afternoon	1,215.39
London £/troy oz	Morning	933.51
	Afternoon	933.92
\$/troy oz	Handy/Harman	1,214.83
Palladium		
Morning \$/troy oz		1,082.04
Afternoon \$/troy oz		1,083.74
Platinum: per troy oz		
Morning \$/troy oz		828.28
Afternoon \$/troy oz		829.87
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	2,446.30	2,546.30
Silver		
London		
spot pence/troy oz		1,120.87
spot cents/troy oz		1,458.37
Handy/Harman cents/troy oz		1,459.67

† week-on-week change

continued ➤

FOUNDRY INGOTS			
	Low	High	
Aluminium			
LM24, £/tonne	1,545.00	1,590.00	
LM6/LM25, £/tonne	1,777.00	1,831.00	
Aluminium Europe €/tonne	1,503.75	1,556.25	
Phosphor Bronze			
PB1 ex-works, £/tonne	6,810.00		
Zinc Alloy			
ZL3, £/tonne	2,614.00		
EXCHANGE RATES (CLOSING RATES)			
\$/£	1.30		
\$/yen	112.75		
\$/€	1.15		
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Fastmarkets MB monthly average prices are calculated on those price quotations formulated during the month.			
LONDON METAL EXCHANGE			
High, low and average Oct (23 days)			
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.			
	Jan-Oct 2018 Low \$	High \$	October average \$
Aluminium (\$)			
Cash	1,945.75	2,600.00	2,033.86
3 months	1,966.25	2,586.50	2,044.53
Settlement	1,946.00	2,602.50	2,034.17
3 months seller	1,966.50	2,587.00	2,044.93
Copper Grade A (\$)			
Cash	5,822.50	7,262.00	6,215.23
3 months	5,848.50	7,267.00	6,206.09
Settlement	5,823.00	7,262.50	6,215.89
3 months seller	5,849.00	7,268.00	6,206.93
Copper Grade A (£)			
Settlement	4,465.44	5,421.80	4,777.56
3 months seller	4,463.76	5,402.51	4,747.80
Lead (\$)			
Cash	1,866.75	2,682.75	1,984.58
3 months	1,886.50	2,655.50	2,001.20
Settlement	1,867.00	2,683.00	1,985.15
3 months seller	1,887.00	2,656.00	2,001.87
Lead (£)			
Settlement	1,442.71	1,928.42	1,525.68
3 months seller	1,435.34	1,915.31	1,531.21
Nickel (\$)			
Cash	11,622.50	15,747.50	12,323.15
3 months	11,672.50	15,785.00	12,407.50
Settlement	11,625.00	15,750.00	12,327.17
3 months seller	11,675.00	15,790.00	12,414.78
Tin (\$)			
Cash	18,662.50	22,102.50	19,116.85
3 months	18,652.50	21,907.50	19,088.48
Settlement	18,675.00	22,105.00	19,129.13
3 months seller	18,655.00	21,910.00	19,098.04

	Jan-Oct 2018 Low \$	High \$	October average \$
Zinc (\$)			
Cash	2,286.00	3,617.50	2,671.26
3 months	2,310.50	3,585.50	2,631.41
Settlement	2,287.00	3,618.00	2,671.87
3 months seller	2,311.00	3,586.00	2,631.89
Cobalt (\$)			
Cash	54,750.00	95,250.00	58,869.78
3 months	54,750.00	95,250.00	59,586.96
Settlement	55,000.00	95,500.00	59,109.13
3 months seller	55,000.00	95,500.00	59,836.96
Molybdenum (\$)			
Cash	15,750.00	25,000.00	25,000.00
3 months	15,750.00	25,000.00	25,000.00
Settlement	16,000.00	26,000.00	26,000.00
3 months seller	16,000.00	26,000.00	26,000.00
Aluminium Alloy (\$)			
Cash	1,260.00	2,015.00	1,369.13
3 months	1,335.00	2,020.00	1,437.39
Settlement	1,265.00	2,020.00	1,376.09
3 months seller	1,340.00	2,025.00	1,451.30
Nasaa (\$)			
Cash	1,319.50	2,026.50	1,437.86
3 months	1,370.00	2,060.00	1,479.67
Settlement	1,320.00	2,027.00	1,441.50
3 months seller	1,380.00	2,065.00	1,488.96

LME SETTLEMENT CONVERSION RATES			
\$/£	1.30		
\$/yen	112.86		
\$/€	1.15		