

continued >

Prices

For the latest prices go to http://www.metalbulletin.com/My-price-book.html

	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	287.75	-1.71%	▼ 25 Apr 19
Open interest	256,006	-1.26%	▼ 24 Apr 19
Stocks (short ton)	34,931	-6.84%	▼ 24 Apr 19
Comex: Gold \$/troy oz			
Settlement	1,275.80	0.31%	▲ 25 Apr 19
Open interest	441,859	0.78%	▲ 24 Apr 19
Stocks (troy oz)	7,851,381	-1.08%	▼ 24 Apr 19
Nymex: Palladium \$/troy oz			
Settlement	1,406.90	0.6%	▲ 25 Apr 19
Stocks (troy oz)	42,583	0%	24 Apr 19
Nymex: Platinum \$/troy oz			
Settlement	885.30	-1.61%	▼ 25 Apr 19
Stocks (troy oz)	175,195	0%	24 Apr 19
Comex: Silver cents/troy oz			
Settlement	1,486.10	-0.51%	▼ 25 Apr 19
Open interest	214,262	-2.57%	▼ 24 Apr 19
SHANGHAIFUTURES			
	Price	Change [†]	Assessed
Aluminium yuan/tonne	14,165		▲ 26 Apr 19
Copper yuan/tonne	48,900		▼ 26 Apr 19
Nickel cathode yuan/tonne	97,950		▼ 26 Apr 19
Tin ingot yuan/tonne	144,940		▼ 26 Apr 19
Zinc yuan/tonne	21,870	*******	▲ 26 Apr 19
Steel rebar month 1 yuan/tonne	4,145	0.070	▲ 26 Apr 19
Steel rebar month 2 yuan/tonne	3,977	-0.25%	▼ 26 Apr 19
Steel rebar month 3 yuan/tonne	3,950	0.25%	▲ 26 Apr 19
Weekly stocks deliverable			
Aluminium (tonnes)	638,030		▼ 26 Apr 19
Copper (tonnes)	219,679		▼ 26 Apr 19
Nickel cathode (tonnes)	9,428		▲ 26 Apr 19
Tin ingot (tonnes)	7,429	1.0170	▼ 26 Apr 19
Zinc (tonnes)	79,399	-10.31% · 100%	✓ 26 Apr 19✓ 26 Apr 19

DAILY METALAND 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	1,831.5-1,832	-0.38%	\blacksquare	26 Apr 19
Cash unofficial	1,846.5-1,848.5	-0.19%	▼	25 Apr 19
3 months official	1,848-1,849	-0.31%	▼	26 Apr 19
3 months unofficial	1,860-1,862	-0.21%	▼	25 Apr 19
LME Tapo notional average price (NAP)	1,854.26	-0.01%	▼	25 Apr 19
LME stocks (tonnes)	1,020,875	-2.5%	▼	25 Apr 19
Aluminium alloy (A380.1/DIN/D12S) \$				
LME cash official	1,350-1,355	2.08%	\blacktriangle	26 Apr 19
LME cash unofficial	1,346-1,356	0.07%	A	25 Apr 19
LME 3 months official	1,390-1,400	1.27%	A	26 Apr 19
LME 3 months unofficial	1,370-1,380	0%		25 Apr 19
LME stocks (tonnes)	8,640	-0.69%	▼	25 Apr 19
	·			<u> </u>

	Price	Change		Assessed
N. American special aluminium alloy				
LME cash official	1,281-1,282	0.08%		26 Apr 19
LME cash unofficial	1,296-1,306	-0.38%		25 Apr 19
LME 3 months official	1,305-1,315	-1.5%	<u> </u>	26 Apr 19
LME 3 months unofficial	1,320-1,330	-0.38%		25 Apr 19
LME stocks (tonnes)	113,520	-0.93%	_	25 Apr 19
Copper grade A \$			_	
LME cash official	6,392-6,393	-0.82%		26 Apr 19
LME cash unofficial	6,358-6,360	-1.47%	_	25 Apr 19
LME 3 months official	6,387.5-6,388	-1.05%	<u> </u>	26 Apr 19
LME 3 months unofficial	6,361-6,363	-1.68%	<u> </u>	25 Apr 19
LME Tapo notional average price (NAP)	6,452.41	-0.13%	<u> </u>	25 Apr 19
LME stocks (tonnes)	195,900	4.04%		25 Apr 19
Lead\$	4 000 5 4 004	0.000/		00.4 40
LME cash official	1,923.5-1,924	0.26%	_	26 Apr 19
LME cash unofficial	1,906.5-1,908.5	-0.7%	¥	25 Apr 19
LME 3 months official	1,936-1,937	-0.12%	Ť	26 Apr 19
LME 3 months unofficial	1,923-1,925	-0.88% 0.13%	<u> </u>	25 Apr 19
LME stocks (tonnes)	74,750	0.13%		25 Apr 19
Nickel\$	10.005.10.070	0.050/	_	004 40
LME cash official	12,265-12,270	-2.85%	_	26 Apr 19
LME cash unofficial	12,248-12,273	-2.91%	<u> </u>	25 Apr 19
LME 3 months official	12,345-12,350	-2.74%	<u> </u>	26 Apr 19
LME 3 months unofficial	12,325-12,350	-2.95%	<u> </u>	25 Apr 19
LME stocks (tonnes)	174,360	-0.74%		25 Apr 19
Tin\$	10.050.10.075	0.00/	_	004 40
LME cash official	19,950-19,975	-2.2%		26 Apr 19
LME cash unofficial	19,680-19,730	-3.1%	<u> </u>	25 Apr 19
LME 3 months official	19,850-19,875	-2.28%	<u> </u>	26 Apr 19
LME 3 months unofficial	19,600-19,650	-3.09%	Ť	25 Apr 19
LME stocks (tonnes)	930	-2.62%		25 Apr 19
Zinc special high grade \$	0.045.0.047	0.040/		004 40
LME cash official	2,915-2,917	2.21%		26 Apr 19
LME cash unofficial	2,863-2,865	0.58%		25 Apr 19
LME 3 months official	2,771-2,772	0.4%	-	26 Apr 19
LME 3 months unofficial	2,742-2,744	-0.36%	<u> </u>	25 Apr 19
LME stocks (tonnes)	80,025	4.17%		25 Apr 19
Cobalt min 99.3%	24 250 24 750	4.400/	_	00 410
LME cash official	34,250-34,750	-1.43%	Ť	26 Apr 19
LME 3 months official LME stocks (tonnes)	34,250-34,750 906	-1.43% 0%		26 Apr 19 25 Apr 19
	900	0 /0		25Api 19
Gold \$/troy oz	4 077 05	0.440/		05 410
London morning	1,277.85	0.11%		25 Apr 19
London afternoon Handy/Harman	1,280.80	0.4%	_	25 Apr 19
•	1,280.80	0.4 /0		25 Apr 19
Silver per troy oz	4.455	0.400/		05.4 40
London spot pence	1,155	0.43%	-	25 Apr 19
London spot cents	1,486.5	-0.6%	¥	25 Apr 19
Handy/Harman	1,490	-0.31%		25 Apr 19
Palladium \$/troy oz	4 447	0.040/		05.440
London morning	1,417	2.31%	<u> </u>	25 Apr 19
London afternoon	1,418	1.65%		25 Apr 19
Platinum \$/troy oz	000	0.000/	_	05.440
London morning	882	-0.23%	_	25 Apr 19
London afternoon	878	-1.35%	•	25 Apr 19
†				tinued >

 $\dagger_{week\text{-}on\text{-}week}\,\text{change}$





continued >

	Price	Change		Assessed	MB BASE METAL PREMIUMS				
Kuala Lumpur tin market					All prices \$/tonne unless otherwise stated				
Tin \$/tonne	19,720	-2.86%	_	26 Apr 19	*MB Copyright				
ICDX			_			Price	Change [†]		Assessed
Tin PB300 settlement price \$/tonne	19,620	-6.57%		25 Apr 19	Copper				
Tin PB300 volume, tonnes	344	1046.67%	_	25 Apr 19	Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne	130-175*	-12.86%	•	07 Sep 18
RAND FIXING PRICES Rand fixing prices per tonne for London Metal I	Evokanaa trada				Rotterdam, Grade A, cathode, cif, \$/tonne	38.0-50.0*	0%		23 Apr 19
Trand lixing prices per tolline for London wetart	•	Changat		Assessed	Germany, Grade A, cathode, delivered,				
Conner	Price 91.970.98	Change [†] 1.71%		Assessed	\$/tonne	80.0-95.0*	0%		23 Apr 19
Copper	26.355.52	2.19%	$\stackrel{\blacktriangle}{\blacksquare}$	26 Apr 19 26 Apr 19	North European warrants, Grade A	40.0.00.00	201		044 40
Lead	27.679.05	2.85%	-	26 Apr 19	cathode, in-warehouse, \$/tonne	10.0-20.0*	0%		24 Apr 19
Zinc	41,964.55	4.85%	-	26 Apr 19	South European warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-20.0*	0%		24 Apr 19
Nickel	176,518.67	-0.34%	-	26 Apr 19	Leghorn, copper low-high premium,				
Tin	287,364.35	0.32%	<u> </u>	26 Apr 19	Grade A, cathode, cif, \$/tonne	50.0-60.0*	0%		23 Apr 19
	201,00 1.00	0.02,0	_	207 (7.10	Japan, copper, Grade A, cathode, cif, \$/tonne	65.0-70.0*	0%		23 Apr 19
EXCHANGE RATES					South Korea, copper low-high				
	Price	Change [†]		Assessed	premium, Grade A, cathode, cif, \$/tonne	49.0-65.0*	0%		23 Apr 19
LME settlement conversion rates					Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne	10.0-20.0*	0%		24 Apr 19
\$/£	1.2900	-0.88%	\blacksquare	26 Apr 19	East Asian warrants, Grade A	10.0-20.0	0 70		24/pi 13
\$/¥	111.7700	-0.12%	▼	26 Apr 19	cathode, in-warehouse, \$ per tonne	10.0-20.0*	0%		24 Apr 19
\$/€	1.1134	-1.05%	▼	26 Apr 19	Southeast Asia, Grade A cathode,				
Closing rates, midpoint					cif, \$ per tonne	65.0-70.0*	0%		23 Apr 19
\$/£	1.2907	-0.78%	\blacksquare	25 Apr 19	Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne	38.0-62.0*	-4.76%	•	26 Apr 19
\$/¥	111.4500	-0.39%	▼	25 Apr 19	Shanghai, copper low-high premium,	30.0-02.0	-4.7070		20Api 13
\$/€	1.1144	-0.89%	▼	25 Apr 19	Grade A, cathode, cif, \$/tonne	38.0-60.0*	-2.97%	▼	26 Apr 19
£/€	1.1582	0.1%	\blacktriangle	25 Apr 19	Shanghai, copper cif ER, premium,				
\$/CNY	6.7422	0.55%	A	25 Apr 19	Grade A, cathode, \$/tonne	50.0-60.0*	-2.65%	▼	26 Apr 19
D. 0.5 METAL 0.4 DD/TD 4.0.5					Shanghai, copper cif SX-EW, premium, Grade A, cathode, \$/tonne	38.0-50.0*	0%		26 Apr 19
BASE METALS ARBITRAGE					Shanghai, copper bonded in-warehouse,	00.0.47.0*	0.00/	_	00.4 40
	Price	Change [†]		Assessed	SX-EW, premium, Grade A, cathode, \$/tonne	38.0-47.0*	-2.3%	_	26 Apr 19
Aluminium					Shanghai, copper bonded in-warehouse, ER, premium, Grade A, cathode, \$/tonne	45.0-62.0*	-4.46%	•	26 Apr 19
Import arbitrage, \$/tonne	-149.80*	7.43%	_	26 Apr 19	Taiwan, Grade A cathode, cif, \$ per tonne	47.0-70.0*	0%		23 Apr 19
Import arbitrage, yuan/tonne	-1,010.68*	7.99%		26 Apr 19	United States warrants, Grade A cathode,				
Import arbitrage, cfr Owensboro - origin LME Warehouses, Busan, \$/tonne	265.86*	-4.49%	▼	03 Apr 19	\$/tonne	5.0-15.0*	0%		24 Apr 19
Import arbitrage, cfr Owensboro- origin LME Warehouses, Johor, \$/tonne	273.01*	-7%	•	03 Apr 19	Copper Cathode, Grade 1 premium, Delivered Domestic US, US cents/pound	7.0-7.8*	0%		23 Apr 19
Import arbitrage, cfr Owensboro -	210.01	170	•	00710110	Copper Cathode, Grade 1 premium,		***		
origin LME Warehouses, Port Klang, \$/tonne	273.01*	-7%	\blacksquare	03 Apr 19	Delivered Domestic US, \$/tonne	154.3-170.9*	0%		23 Apr 19
Import arbitrage, cfr Owensboro-					Aluminium				
origin LME Warehouses, Singapore, \$/tonne	258.16*	-7.46%	_	03 Apr 19	Aluminium P1020A, in-warehouse Rotterdam duty-unpaid, spot low-high,				
Copper					\$/tonne	80.0-90.0*	-5.56%	▼	26 Apr 19
Import arbitrage, \$/tonne	-71.14*	-5.51%	▼	26 Apr 19	Aluminium P1020A, cif main Korea				
Import arbitrage, yuan/tonne	-479.99*	-5.01%	▼	26 Apr 19	ports, spot low-high, \$/tonne	95-115*	0%		23 Apr 19
Nickel					Aluminium P1020A, Southeast Asian	40.0.20.0*	00/		04440
Import arbitrage, \$/tonne	294.80*	72.98%	A	26 Apr 19	warrants, in-warehouse, \$/tonne Aluminium P1020A, EastAsian	10.0-20.0*	0%		24 Apr 19
Import arbitrage, yuan/tonne	1,988.96*	73.9%	A	26 Apr 19	warrants, in-warehouse, \$/tonne	10.0-20.0*	0%		24 Apr 19
Zinc					Aluminium P1020A, cif Shanghai, spot				· ·
Import arbitrage, \$/tonne	-99.26*	-1.16%	•	26 Apr 19	low-high, \$/tonne	95.0-105.0*	0%		23 Apr 19
Import arbitrage, yuan/tonne	-669.66*	-0.65%	•	26 Apr 19	Aluminium P1020A, South Korea, fca, \$/tonne	115.0-135.0*	0%		23 Apr 19
					Aluminium P1020A, Shanghai, in-warehouse, \$/tonne	95.0-105.0*	0%		23 Apr 19
					Aluminium P1020A, Taiwan, cif,				
					\$/tonne	100.0-110.0*	0%		23 Apr 19
					Aluminium P1020A, Italy, fca duty-paid, spot, \$/tonne	165.0-180.0*	0%		23 Apr 19
					Aluminium P1020A, Spain, fca duty-paid, \$/tonne	160.0-170.0*	0%		23 Apr 19

†week-on-week change





	Price	Change	Assesse
Aluminium P1020A, Turkey, cif duty-unpaid, \$/tonne	80.0-90.0*	0%	23 Apr 1
Aluminium ingot ADC 12 ex-works China, duty-paid, yuan/tonne	14,300-14,600*	0%	24 Apr 1
Aluminium ingot ADC 12 spot, main Japanese ports, \$/tonne	1,600-1,620*	0%	24 Apr 1
Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	90.0-105.0*	-4.88% V	26 Apr 1
Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	105.0-105.0*	25%	25 Mar 1
Aluminium P1020A, in-warehouse Rotterdam duty-paid, spot \$/tonne	140.0-150.0*	0%	26 Apr 1
Aluminium 6063 extrusion billet, in-warehouse Rotterdam duty-paid, spot, \$/tonne	350.0-380.0*	-2.67% V	7 26 Apr 1
Aluminium P1020A, free market delivered, cents per pound	102.24-102.74*	-0.64% V	25 Apr 1
Aluminium P1020A, duty paid premium,	18.5-19*	-2.6% V	
delivered Midwest, cents per pound Aluminium P1020A, cif Baltimore		-2.6% V	26 Apr 1
premium, US cents/lb Aluminium P1020A, US warrants,	5.5-5.75*		23 Apr 1
in-warehouse, \$/tonne Aluminium P1020A, delivered Sao	115.0-125.0*	0%	24 Apr 1
Paulo region, spot, \$/tonne Aluminium P1020A, cif Brazilian main	210.0-240.0*	0%	23 Apr 1
ports duty-unpaid, spot, \$/tonne Aluminium 6063 + 6060 extrusion	165.0-180.0*	0%	23 Apr 1
billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	330.0-360.0*	-1.43% V	26 Apr 1
Aluminium billet, delivered duty-paid North Germany (Ruhr region) over LME 30-day pay, \$/gross tonne	390.0-420.0*	-2.41% V	7 26 Apr 1
Aluminium billet, delivered			· ·
duty-paid Italy (Brescia area) over LME 60-day pay, \$/gross tonne	390.0-420.0*	-1.22% V	26 Apr 1
Aluminium billet, delivered duty-paid Spain over LME 60-day pay, \$/gross tonne	380.0-400.0*	0%	26 Apr 1
Aluminium billet, cif Thailand duty-unpaid over LME cash pay, \$/gross tonne	190.0-210.0*	0%	12 Apr 1
Aluminium billet, cif Japan duty-unpaid over MJP and LME cash pay, \$/gross tonne	140.0-155.0*	0%	18 Apr 1
Aluminium billet, cif Turkey (Marmara region) duty-unpaid over LME cash pay, \$/gross tonne	270.0-300.0*	0%	26 Apr 1
Aluminium foundry alloy premium, delivered duty-paid, Germany, \$/tonne	340.0-360.0*	-2.78% V	12 Apr 1
Aluminium foundry alloy premium, delivered duty-paid, Eastern Europe, \$/tonne	360.0-380.0*	0%	12 Apr 1
Aluminium foundry alloy premium, delivered duty-unpaid, US midwest, \$/tonne	13.0-16.0*	-6.45% V	7 12 Apr 1
Aluminium foundry alloy premium, delivered duty-paid cif Turkey, \$/tonne	170.0-180.0*	0%	12 Apr 1
Annual aluminium wheel alloy silicon 7 ingot cif main Japanese ports			·
(Yokohama, Osaka, Nagoya) \$/tonne Annual aluminium wheel alloy silicon	120.0-140.0*	15.56%	11 Jan 1
7 ingot cif main South Korean ports (Busan, Gwangyang, Incheon) \$/tonne	95.0-125.0*	22.22%	11 Jan 1
Lead			
North European warrants, min 99.97% ngots, in-warehouse, \$/tonne	10.0-15.0*	0%	24 Apr 1
Southeast Asian warrants, min 99.97% ngots, in-warehouse, \$/tonne	10.0-20.0*	-25%	7 24 Apr 1
East Asian warrants, min 99.97% ngots, in-warehouse, \$/tonne	10.0-20.0*	-14.29% V	2 4 Apr 1
Southeast Asia, min 99.97% cif, 5/tonne	65.0-70.0*	0%	23 Apr 1
Southeast Asia, 99.99% cif, \$/tonne	120.0-140.0*	0%	23 Apr 1
Taiwan, 99.97% purity, cif, \$/tonne	60.0-90.0*	15.38%	
Taiwan, 99.99% purity, cif, \$/tonne	135.0-145.0*	0%	23 Apr 1

India, 99.97% purity, cif, \$/tonne	Price 35.0-60.0*	Change 0%	Assessed 23 Apr 19
India, 99.99% purity, cif, \$/tonne	125.0-145.0*	1.89%	23 Apr 19
South European warrants, 99.97% purity, in-warehouse, \$/tonne	10.0-15.0*	0%	24 Apr 19
US warrants, 99.97% purity, in-warehouse, \$/tonne	20.0-30.0*	0%	24 Apr 19
US lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	23 Apr 19
US lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	23 Apr 19
Nickel			
Shanghai, nickel low-high premium, 99.8% purity in-warehouse, \$/tonne	200.0-220.0*	0%	23 Apr 19
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	180.0-200.0*	0%	23 Apr 19
Shanghai, nickel premium, 99.80% purity, briquette, duty-free, cif, \$/tonne	240.0-270.0*	0%	26 Mar 19
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	100-170*	0%	24 Apr 19
Southeast Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	24 Apr 19
East Asian warrants, min 99.80% full	10 10	070	21710110
plates, in-warehouse, \$/tonne	100-170*	3.85%	24 Apr 19
East Asian warrants, min 99.80% briquettes, in-warehouse, \$/tonne	10-15*	0%	24 Apr 19
North European warrants, min 99.80%, in-warehouse, \$/tonne	100-150*	0%	24 Apr 19
uncut cathodes premium indicator	200.0-230.0*	0%	23 Apr 19
4x4 cathodes premium indicator	450.0-500.0*	0%	23 Apr 19
briquettes premium indicator	230.0-260.0*	0%	23 Apr 19
Nickel 4x4 cathode premium, delivered			
consumer works US, US cents per pound	38-47*	0%	23 Apr 19
Nickel briquette premium, delivered consumer works US, US cents per pound	25-29*	0%	23 Apr 19
Tin			
Rotterdam spot premium, 99.9% low lead ingots, in-warehouse \$/tonne	475-525*	0%	23 Apr 19
Rotterdam spot premium 99.9% ingot, in-warehouse \$/tonne	410-450*	0%	23 Apr 19
South East Asian warrants, min 99.85% ingots, in-warehouse \$/tonne	15-30*	0%	24 Apr 19
Shanghai spot premium, 99.9% ingots, cif, \$/tonne	230-250*	0%	23 Apr 19
Shanghai spot premium, 99.9% low lead ingots, cif, \$/tonne	320-350*	0%	23 Apr 19
Taiwan spot premium, 99.9% ingots, cif, \$/tonne	200-220*	0%	23 Apr 19
Baltimore premium, 99.85% ASTM grade Aingots, in-warehouse \$/tonne	525-600*	0%	23 Apr 19
US midwest premium, 99.85% ASTM grade Aingots, delivered \$/tonne	585-665*	0%	23 Apr 19
Zinc	303-003	0 70	23Api 19
North European warrants, min 99.995% SHG ingots, \$/tonne	20.0-30.0*	25%	24 Apr 19
MB EU: Special high grade, fca	05.0 105.5	0.000	
Rotterdam, \$/tonne	95.0-105.0*	-9.09% V	
Malaysia fca, 99.995%, \$/tonne	120.0-140.0*	-3.7% V	207.101.10
Southeast Asia cif, 99.995%, \$/tonne	150.0-160.0*	-4.62%	23 Apr 19
Singapore, zinc premium, 99.995% purity, fca \$/tonne	120.0-140.0*	-3.7% ▼	23 Apr 19
Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	130.0-140.0*	0%	23 Apr 19
Shanghai 99.995% purity, cif \$/tonne	110.0-120.0*	-8% ▼	23 Apr 19
Taiwan 99.995% purity SHG ingots,			
cif \$/tonne India 99.995% purity, cif duty-unpaid	160.0-170.0*	0%	23 Apr 19
\$/tonne	130.0-145.0*	-1.79% ▼	23 Apr 19
† week-on-week change		С	ontinued >

15th and last day of month)

tonnes

Shanghai bonded copper stocks,

Monday 29 April 2019 | Number 9610.1



\$\text{Shonne}\$ 235.0-250.0^* -1.02\% \ 23 Apr 18 \\ Antwerp 99.995\% purity, duty-paid (cas \text{Shonne}\$ 95.0-105.0^* -9.09\% \ 23 Apr 18 \\ \$\text{2a Apr 18}\$ 149.995\% purity, duty-paid (cas \text{Shonne}\$ 140.0-150.0^* -3.33\% \ 23 Apr 18 \\ \$\text{2a Apr 18}\$ 1419 99.995\% purity, delivered \\ \$\text{2d buy-paid \text{Shonne}}\$ 185.0-190.0^* -1.32\% \ 23 Apr 18 \\ \$\text{23 Apr 18}\$ 1419 99.995\% purity, in-warehouse \text{Shonne}\$ 15.0-10.0* 0\% 24 Apr 18 \\ \$\text{MB US: Special high grade, cents/lb}\$ 8.50-9.50* 0\% 23 Apr 18 \\ \$\text{BASE METALS}\$ Price Change* Assessed \\ \$\text{Alumina}\$ MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/fonne 2,700.0-2,800.0* 2.23\% \ 25 Apr 18 \\ \$\text{Alumina}\$ Index fob Australia 362.23* -0.24\% \ 26 Apr 18 \\ \$\text{Alumina Index fob Brazil, inferred Brazil price \\$ per dry metric ton 368.15* 26 Apr 18 \\ \$\text{Aluminian Index fob Brazil, inferred Brazil price \\$ per dry metric ton 368.15* 26 Apr 18 \\ \$\text{Aluminian Bodde aluminium stocks, tonnes 6,000-7,000* 3.17\% \ 01 Apr 18 \\ \$\text{Calcined petroleum coke, aluminium anode grade, fob US Guif Coast, \text{\$\text{fonne}\$ 340-350* 0\% 04 Apr 18 \\ \$\text{Aluminium FRP 1050 Sheet conversion margin, exw Germany, \text{\$\text{fonne}\$ 695-700* 0\% 04 Apr 18 \\ \$\text{Aluminium FRP 9052 sheet conversion margin, exw Germany, \text{\$\text{fonne}\$ 60-665* 0\% 04 Apr 18 \\ \$\text{Aluminium FRP 5002 sheet conversion margin, exw Germany, \text{\$\text{fonne}\$ 60-665* 0\% 04 Apr 18 \\ \$\text{Aluminium FRP 5002 sheet conversion margin, exw Germany, \text{\$\text{fonne}\$ 60-665* 0\% 04 Apr 18 \\ \$\text{Aluminium FRP 5002 sheet conversion margin, exw Germany, \text{\$\text{fonne}\$ 60-665* 0\% 04 Apr 18 \\ \$\text{Aluminium FRP 5002 sheet conversion margin, exw Germany, \text{\$\text{fonne}\$ 60-665* 0\% 04 Apr 18 \\ \$\text{Aluminium FRP 5002 sheet conversion margin, exw Germany, \text{\$\text{fonne}\$ 60-665* 0\% 04 Apr 18 \\ \$Aluminium FRP 5002 sheet conv		Price	Change	Assessed
Face Sylfonne	India 99.995% purity, cif duty-paid \$/tonne	235.0-250.0*	-1.02%	▼ 23 Apr 19
Shome	Antwerp 99.995% purity, duty-paid fca \$/tonne	95.0-105.0*	-9.09%	▼ 23 Apr 19
duty-paid \$/tonne 185.0-190.0* -1.32% ▼ 23Apr 18 US warrants 99.995% purity, in-warehouse \$/tonne 5.0-10.0* 0% 24Apr 18 MB US: Special high grade, cents/lb 8.50-9.50* 0% 23Apr 18 BBASE METALS Price Change* Assessed Alumina MB Chinese free market, metallurgical grade, delivered duty-paid, yuan/tonne 2,700.0-2,800.0* 2.23% ▲ 25Apr 18 Alumina Index fob Brazil 362.23* -0.24% ▼ 26Apr 19 Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton 368.15* 26Apr 19 Aluminium Shanghai bonded aluminium stocks, tonnes 6,000-7,000* 3.17% ▲ 01Apr 19 Calcined petroleum coke, aluminium anode grade, fob US Gulf Coast, \$/tonne 320-345* 0% 04Apr 19 Calcined petroleum coke, aluminium anode grade, fob China, \$/tonne 340-350* 0% 04Apr 19 Aluminium 6063 extrusion conversion margin, exw US Midwest, cents/lb 65-75* 0% 04Apr 19 Aluminium FRP 1050 sheet conversion margin, exw Germany, \$/tonne <td></td> <td>140.0-150.0*</td> <td>-3.33%</td> <td>▼ 23 Apr 19</td>		140.0-150.0*	-3.33%	▼ 23 Apr 19
In-warehouse \$/tonne	Italy 99.995% purity, delivered duty-paid \$/tonne	185.0-190.0*	-1.32%	▼ 23 Apr 19
Mac	US warrants 99.995% purity, in-warehouse \$/tonne	5.0-10.0*	0%	24 Apr 19
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margin, exw US cents/lb 83-87* 0% 04 Apr 19 Aluminium FRP 5000 sheet conversion margin, exw China, \$/tonne 640-650* 0% 04 Apr 19 Bauxite 6b Kamsar, Guinea \$/tonne per dmtu 37* 0% 25 Apr 19 fob Trombetas, Brazil \$/tonne per dmtu 37* 0% 25 Apr 19 Copper & Brass Producer premium Aurubis European Grade A cathode ex-works \$/tonne 96.0 11.63% 01 Oct 18 Codelco: Contract Grade A cathode (average) 98.0 11.36% 26 Sep 18 South Africa: Palabora copper rod 7.90mm, Rand/tonne 106,879.330 6.97% 29 Mar 19 Blister copper 98-99% spot RC cif China \$ per tonne 160-170* -5.71% ✓ 29 Mar 19 Blister copper 98-99% annual benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 18 Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% Δ 26 Apr 19 Copper concentrate Asia-Pacific 100-170* 100-170* 100-170* 100-170* 100-170* 100-170* 100-170* 100-170* 100-170* </td <td>Aluminium FRP 1050 sheet conversion margin, exw Germany, \$/tonne</td> <td>660-665*</td> <td>0%</td> <td>04 Apr 19</td>	Aluminium FRP 1050 sheet conversion margin, exw Germany, \$/tonne	660-665*	0%	04 Apr 19
margin, exw China, \$/tonne 640-650* 0% 04Apr 19 Bauxite fob Kamsar, Guinea \$/tonne per dmtu 37* 0% 25 Apr 19 fob Trombetas, Brazil \$/tonne per dmtu 37* 0% 25 Apr 19 Copper & Brass Producer premium Aurubis European Grade A cathode ex-works \$/tonne 96.0 11.63% 4 01 Oct 18 Codelco: Contract Grade A cathode (average) 98.0 11.36% 4 26 Sep 18 South Africa: Palabora copper rod 7.90mm, Rand/tonne 106,879.330 6.97% 4 29 Mar 19 Blister copper 98-99% spot RC cif China \$ per tonne 160-170* -5.71% ▼ 29 Mar 19 Blister copper 98-99% annual benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 18 Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% 4 26 Apr 19 Copper concentrate Asia-Pacific 0 0.64% 4 26 Apr 19	Aluminium FRP 5052 sheet conversion margin, exw US cents/lb	83-87*	0%	04 Apr 19
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Tob Trombetas, Brazil \$/tonne per dmtu 37* 0% 25 Apr 19 Copper & Brass Producer premium Aurubis European Grade A cathode ex-works \$/tonne 96.0 11.63% ▲ 01 Oct 18 Codelco: Contract Grade A cathode (average) 98.0 11.36% ▲ 26 Sep 18 South Africa: Palabora copper rod 7.90mm, Rand/tonne 106,879.330 6.97% ▲ 29 Mar 19 Blister copper 98-99% spot RC cif China \$ per tonne 160-170* -5.71% ▼ 29 Mar 19 Blister copper 98-99% annual benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 18 Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% ▲ 26 Apr 19 Copper concentrate Asia-Pacific	Bauxite			
Copper & Brass Producer premium Aurubis European Grade A cathode ex-works %tonne 96.0 11.63% ▲ 01 Oct 18 Codelco: Contract Grade A cathode (average) 98.0 11.36% ▲ 26 Sep 18 South Africa: Palabora copper rod 7.90mm, Rand/tonne 106,879.330 6.97% ▲ 29 Mar 19 Blister copper 98-99% spot RC cif China \$ per tonne 160-170* -5.71% ▼ 29 Mar 19 Blister copper 98-99% annual benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 18 Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% ▲ 26 Apr 19 Copper concentrate Asia-Pacific	fob Kamsar, Guinea \$/tonne per dmtu	37*	0%	25 Apr 19
Producer premium Aurubis European Grade A cathode ex-works \$/tonne 96.0 11.63% ▲ 01 Oct 18 Codelco: Contract Grade A cathode (average) 98.0 11.36% ▲ 26 Sep 18 South Africa: Palabora copper rod 7.90mm, Rand/tonne 106,879.330 6.97% ▲ 29 Mar 18 Blister copper 98-99% spot RC cif China \$ per tonne 160-170* -5.71% ▼ 29 Mar 18 Blister copper 98-99% annual benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 18 Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% ▲ 26 Apr 19 Copper concentrate Asia-Pacific Copper concentrate Asia-Pacific August 19	fob Trombetas, Brazil \$/tonne per dmtu	37*	0%	25 Apr 19
Producer premium Aurubis European Grade A cathode ex-works \$/tonne 96.0 11.63% ▲ 01 Oct 18 Codelco: Contract Grade A cathode (average) 98.0 11.36% ▲ 26 Sep 18 South Africa: Palabora copper rod 7.90mm, Rand/tonne 106,879.330 6.97% ▲ 29 Mar 18 Blister copper 98-99% spot RC cif China \$ per tonne 160-170* -5.71% ▼ 29 Mar 18 Blister copper 98-99% annual benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 18 Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% ▲ 26 Apr 19 Copper concentrate Asia-Pacific Copper concentrate Asia-Pacific August 19	Copper & Brass			
Aurubis European Grade A cathode ex-works \$/tonne 96.0 11.63% ▲ 01 Oct 18 Codelco: Contract Grade A cathode (average) 98.0 11.36% ▲ 26 Sep 18 South Africa: Palabora copper rod 7.90mm, Rand/tonne 106,879.330 6.97% ▲ 29 Mar 18 Blister copper 98-99% spot RC cif China \$ per tonne 160-170* -5.71% ▼ 29 Mar 19 Blister copper 98-99% annual benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 18 Copper concentrate A sia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% ▲ 26 Apr 19 Copper concentrate A sia-Pacific				
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7.90mm, Rand/tonne 106,879.330 6.97% ▲ 29 Mar 19 Blister copper 98-99% spot RC cif China \$ per tonne 160-170* -5.71% ▼ 29 Mar 19 Blister copper 98-99% annual benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 19 Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% ▲ 26 Apr 19 Copper concentrate Asia-Pacific	Codelco: Contract Grade A cathode (average)			▲ 26 Sep 18
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benchmark RC cif China \$ per tonne 165-180* 0% 28 Feb 18 Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% 26 Apr 19 Copper concentrate Asia-Pacific	Blister copper 98-99% spot RC cif China \$ per tonne	160-170*	-5.71%	▼ 29 Mar 19
Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month) 6.25-6.25* 0.64% A 26 Apr 19 Copper concentrate Asia-Pacific	Blister copper 98-99% annual benchmark RC cif China \$ per tonne	165-180*	0%	28 Feb 18
	Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	6.25-6.25*	0.64%	▲ 26 Apr 19
	Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on			

62.5-62.5*

571,000-575,000* -0.35%

0.64%

	Price	Change	Assessed
Nickel			
Nickel pig iron high grade NPI content 10-15% contract price delivered duty-paid China yuan per nickel unit price	1,000-1,010*	0%	23 Apr 19
Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel unit price	1,000-1,020*	0%	23 Apr 19
Shanghai bonded nickel stocks, tonnes	26,800-33,800*	-0.66% ▼	01 Apr 19
Nickel ore			
Laterite ore with 1.5% nickel content cif China, \$/tonne	30-31*	0%	23 Apr 19
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	51-53*	0%	23 Apr 19
Nickel sulfate min 21%, max: 22.5%; cobalt 10ppm max, China ex-works, yuan/tonne	24,700-25,200*	-1.19% V	7 23 Apr 19
Lead			
Lead concentrate spot treatment charge (TC) high silver CIF China, \$/tonne	40-60*	0%	26 Apr 19
Lead concentrate spot treatment charge (TC) low silver CIF China, \$/tonne	15-35*	-23.08% V	7 26 Apr 19
Lead concentrate (TC) high silver, annual benchmark, \$/tonne	98*	0%	05 Apr 18
Lead concentrate (TC) low silver, annual benchmark, \$/tonne	99*	0%	15 Mar 18
Zinc			
UK: Special high grade, delivered monthly average price £/tonne	2,364*	5.21%	01 Apr 19
Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	260-290*	-4.35% V	2 6 Apr 19
Zinc concentrate spot treatment charge (TC) deliverd North China yuan/tonne	6,600-6,900*	0.75%	26 Apr 19
Zinc concentrate spot treatment charge (TC) deliverd South China yuan/tonne	6,400-6,600*	0.78%	26 Apr 19
Shanghai bonded zinc stocks, tonnes	83,500-90,500*	5.45%	01 Apr 19

† week-on-week change

continued >

26 Apr 19

22 Apr 19





Marche	Marche	PRECIOUS METALS					Price	Change		Assessed
Martine market me 19 9%, Sharpy or 1,419 1,310 0% 2,640 19 19 19 19 19 19 19 1	Marche M	PRECIOUS METALS	Price	Change†	Assessed		11100	Onlange		Assessed
Miller emailer and 98 p. \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Milline market shift 95, \$5 syope Afford 16 for 05 26 April 95	Iridium	11100	Onlange	71000000		67-69*	1 49%		15 Apr 10
Processed Marriago Segretary 1,450 10 10 10 10 10 10 10	International 1,40						01-03	1.4370		15Api 19
State Stat	Stay or Color		1,410-1,510*	0%	26 Apr 19		185,000-195,000	* 0%		26 Apr 19
Englahetian beaution (1969) 1485 9% 26,4919 26	Experience 1,485 0	, , , ,	1 490	00/	26 Apr 10		50 000 50 000+	4.00/	_	004 40
Security Communication C	Publisher Publisher Publ						50,000-53,000*	-1.9%	_	26 Apr 19
Content Cont	Commonstrating the part of t		1,400	0 70	20Api 13					
The process of the	State 1,481-1,472 3,628					cobalt low-end price at Co 20.5% basis, \$/lb	0-0*	0%		10 Apr 19
Substance Making-year perce (infalls)	Accordance Acc		1,408-1,427*	3.62%	▲ 26 Apr 19	Gallium				
Show of Clays Show	\$\$ 2.00 (1) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	Englehard base price: \$/troy oz	1,427	1.93%	▲ 26 Apr 19	MB free market \$/kg	153-173*	0%		26 Apr 19
Particum	Perform						060 1 000*	20/	_	24 Apr 10
Community Control Sign Sept Sep	Commonweight minister minis	, , ,	1,423	2.01%	▲ 26 Apr 19		900-1,000	-270		24 Apr 19
Shroy can be assemble as price Shroy can be assemble Shroy can be assemble as price Shroy can be assemble Shroy can be assemble as price Shroy can be ass	Shroy or to-warehouse bring or Shroy o						050 1 150*	00/		26 Apr 10
Excipation face prices Mary or Mary Mary or Ma	Expellent labes price: Marcy or		878-895*	-0.39%	▼ 26 Apr 19					
Schesson full-thinly base priore: (unfalle) September Septem	Schroom Mattheys pase prices (urflash) Segregar	•					1,020-1,440	0 70		20Api 13
Reduction Redu	Reduction Record Regulation Record				· · ·		7,600-8,200*	0%		24 Apr 19
Suppose Part	European free market min 99 9%, showy or 2 0,375 0% 28 Apr 19 Englehand base price: \$\$\text{\$	\$/troy oz (08 hrs)	895	0.56%	▲ 26 Apr 19	Hafnium				
Shory can have brouse 2,875,30,297 3,05% 28,647 19	Shory can haverbouse 2,875,3025° 3,05° ▲ 26Apr19 Englehand base priors: Stroy oz 2,975 0% 26Apr19 Stroy oz (bit hs) 2,950 0,34% ▲ 26Apr19 Stroy oz (bit hs) 2,950 0,34% ▲ 26Apr19 European fee market min 99.9%, Stroy oz (haverbouse 2,25-270° -1% ▼ 26Apr19 European fee market min 99.9%, Stroy oz (haverbouse 2,25-270° -1% ▼ 26Apr19 European fee market min 99.9%, Stroy oz (haverbouse 2,25-270° -0% 26Apr19 European fee market min 99.9%, Stroy oz (haverbouse 2,25-270° -0% 26Apr19 European fee market min 99.9%, Stroy oz (haverbouse 2,25-270° -0% 26Apr19 European fee market min 99.9%, Stroy oz (haverbouse 2,25-270° -0% 26Apr19 European fee market min 99.9% Mg, fs.50 Linea fee	Rhodium				·				
Englehard base price; \$htroy oz	Englehard base price: Sitroy oz 2,975 0% 26 Apr 19 All fine market min 99 99% 1,140-1,200° 3,7% ▼ 24 Apr 19 European free market min 99 99% 1,140-1,200° 3,7% ▼ 24 Apr 19 European free market min 99 99% 1,140-1,200° 3,7% ▼ 24 Apr 19 European free market min 99 99% 1,140-1,200° 3,7% ▼ 26 Apr 19 Assessed Antimony MINOR METALS Price Change' Assessed Antimony MIS free market Regulus, min 98 69% 1,140-1,200° 0,80 ▼ 26 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,200° 0,80 ▼ 26 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,200° 0,80 ▼ 26 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,200° 0,80 ▼ 26 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,200° 0,80 ▼ 26 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,200° 0,80 ▼ 26 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 69% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,120 ▼ 24 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,120 ▼ 28 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,140 ▼ 28 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,140 ▼ 28 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,140 ▼ 28 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,140 ▼ 28 Apr 19 MIS free market Regulus, min 98 99% 1,140-1,140 ▼ 28 Apr 19 MIS free market Regulus and 1,140 ↑ 1,140 ▼ 28 Apr 19 M		2 975 2 025*	2 06%	▲ 26 Apr 10		900-1,050*	0%		26 Apr 19
Marcherium	Microse market min 99 9% 1,140-1,200 3,7%	· · · · · · · · · · · · · · · · · · ·								
Simpor (collers) 2,950 0,34% 26 Apr 19	Simport (20 Pers) 2,950 0,34% 26 Apr 19		2,313	0 70	20Api 13		185-210*	0%		26 Apr 19
Magnesium Subsenium Sub	Magnesium		2,950	0.34%	▲ 26 Apr 19	·	1.140-1.200*	-3.7%	•	24 Apr 19
European free market min 99 9%, Stroy az in-wared base prices '\$troy oz z	European free market, min 99 9%, Sifty or 2e Newarders (winder) Englehard base price: Strey oz 270 0% 26 Apr 19 Englehard base price: Strey oz 270 0% 26 Apr 19 MINOR METALS Price Change Assessed Price Change Assessed Minory Mark Steinard Conde (I) Storner and Price Assessed Antimony Minor Mark Steinard Conde (I) Storner and Price Assessed Antimony Minor Mark Steinard Conde (I) Storner and Price (I) Storner (Ruthenium					, , , , , ,			
Siftey or, investerbouse 25.70° - 1.1°	Siftey or, In-warehouse 25-70° 1%	•				<u> </u>	2,640-2,740*	0%		26 Apr 19
Definition Matthey base price: (unfab) 267 0% 26 Apr 19	Antimony Milk Chinase free market Shr Shr Changer Assessed Milk Chinase free market Shr Shr Changer Assessed Milk Chinase free market Shr Shr Changer	•			· ·					
Silvoy oz (08 hrs) 267	Silvoy ox (08 hrs) 267 0% 26 Apr 19		270	0%	26 Apr 19		2,550-2,600*	-0.58%	•	26 Apr 19
MB free market 19.7%, \$honne	MINOR METALS Price Change¹ Assessed Antimony MB free market Regulus, min 99,65%, max 96,50pm, max 100 ppm Bi, 300me in-warehouse Rotterdam 7,000-7,300° 0% 26 Apr 19 MB free market Regulus, min 99,65%, max 96,50pm, max 100 ppm Bi, 300me in-warehouse Rotterdam 7,000-7,300° 0% 26 Apr 19 MB Chinese free market MMTA Slandard Grade II, \$10 nome in-warehouse Rotterdam 7,000-7,300° 0% 26 Apr 19 MB Chinese free market MMTA Slandard Grade II, \$10 nome in-warehouse Rotterdam 4,3,500-44,500° -1.12% ▼ 24 Apr 19 MB Chinese free market MMTA Slandard Grade II, \$10 nome in-warehouse Rotterdam 4,3,500-44,500° -1.12% ▼ 24 Apr 19 MB free market \$10 b 1.20-1.5° 0% 26 Apr 19 MB free market \$10 b 1.2		267	0%	26 Apr 19		16,600-16,700*	-0.89%	•	26 Apr 19
Mel free market Sper flask	Melt free market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.65%, max 100 ppm Bis, 5/honne market Regulus, min 99.85%, max 100 ppm Bis, 5/honne market Regulus, min 99.95%, max 100 ppm Bis, 5/honne market Regulus, min 99.95%, max 100 ppm Bis, 5/honne market Regulus, min 99.95%, max 100 ppm Bis, 5/honne market Regulus, min 99.95%, max 100 ppm Bis, 5/honne market Regulus, min 99.95%, max 100 ppm Bis, 5/honne market Regulus, min 99.95%, max 100 ppm Bis Max 100 pp	MINOP METALS				Manganese flake				
Mel recursive Regulus, min 99,65%, max 100 ppm 8i. 5/lonne in-warehouse Rotterdam 7,000-7,300° 0% 26 Apr 19 MMTA Standard Grade II, Shone in-warehouse Rotterdam 7,000-7,300° 0% 26 Apr 19 MMTA Standard Grade II, Shone in-warehouse Rotterdam 7,000-7,300° 0% 26 Apr 19 MB China domestic market Shub 1 20-1.5° 0% 26 Apr 19 MB China domestic min 99.9%, vanhonne 46,000-47,000° 1.69% ▼ 26 Apr 19 MB free market Shub 3 3.40-3.80° 0% 26 Apr 19 MB free market Shub 33.40° 1.09% ▼ 26 Apr 19 MB free market Shub 33.40° 1.09% ▼ 26 Apr 19 MB free market Shub 133.40° 1.09% ▼ 26 Apr 19 MB free market Inmin 99.9%, cents/lib 135.143° 1.77% ▼ 26 Apr 19 MB free market Inmin 99.9% cents/lib 135.143° 1.77% ▼ 26 Apr 19 MB free market Inmin 99.9% shone 8 2.00-8,700° 0.73% ▼ 26 Apr 19 MB free market Inmin 99.9%, shome lob 11.14° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.445 1.545° 4.17% ▼ 26 Apr 19 MB free market Inmin 99.99%, shome lob 11.14° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shome lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shower lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shower lob 11.140° 0.88% ▼ 10 Apr 19 Export from mainland China min 99.9%, shower lob 11.140° 0.88% ▼ 10 Apr 19 Expo	Mercury Molf ree market Regulus, min 99.65%, max 100 ppm Bi. \$florone in-warehouse Rotterdam	WINOR WETALS	Deles	Chamast	A	MB free market 99.7%, \$/tonne	2,050-2,100*	1.22%		26 Apr 19
MB free market Regulus, min 99.65%, max 96.95%, max 96.95% ppm, max 100 ppm Bl, Shonnein-warednouse Rotterdam MBC flinesse free market MMTA Standard Grade II, 180nene in-warednouse Rotterdam MB Chinesse free market MMTA Standard Grade Ju, 180nene in-warednouse Rotterdam MB Chinesse free market MMTA Standard Grade Ju, 180nene in-warednouse Rotterdam MB Chinesse free market MMTA Standard Grade Ju, 180nene in-warednouse Rotterdam MB Chinesse free market MMTA Standard Grade Ju, 180nene in-warednouse Rotterdam MB Chinesse free market MMTA Standard Grade Ju, 180nene in-warednouse Rotterdam duly-paid yuan/tonne Arsenic MB free market \$\frac{1}{2}\text{ MB} \text{ free market \$\frac{1}{2}\tex	MB free market Regulus, min 99 65%, max 96 0 ppm, max 100 ppm 81, Shonenien-warehouse Rotterdam duty paid youn/fonne drade II, Shonenien-warehouse Rotterdam duty paid youn/fonne drade II, Shonenien-warehouse Rotterdam duty paid shouenien-warehouse Rotterdam duty paid shouenien-warehou	A 45	Price	Change ¹	Assessed	Mercury				
MATA Standard Grade II, \$thorne in-warehouse Rotterdam	MATA Standard Grade II, Stronne 7,000-7,300° 0% 26 Apr 19	•				MB free market \$ per flask	2,400-2,700*	0%		26 Apr 19
MMTA Standard Grade II, Shonne	MMTA Standard Grade II, Shonne in-warehouse Rotterdam 7,000-7,300° 0% 26 Apr 19 MB Chinase free market MMTA Standard Grade II, Shonne in-warehouse Rotterdam 43,500-44,500° -1.12% ▼ 24 Apr 19 MB Chinase free market Silb 1,20-1.5° 0% 26 Apr 19 Bismuth MB Tee market Silb 1,20-1.5° 0% 26 Apr 19 Bismuth MB Tee market Silb 3,40-3.80° 0% 26 Apr 19 MB China domestic, min 99,99%, yuan/honne 46,000-47,000° -1.69% ▼ 26 Apr 19 MB Tee market Silb 3,30-3.80° 0% 26 Apr 19 MB Tee market Silb 3,31-40° -1.09% ▼ 26 Apr 19 MB Tee market Inin 99,95% cents/lib 133-143° -1.77% ▼ 26 Apr 19 Chromium MB free market alumino-thermic min 99,99% Shonne 8,200-8,700° -0.73% ▼ 26 Apr 19 Chromium MB free market alumino-thermic min 99,95% Shonne 8,200-8,700° -0.51% ▼ 26 Apr 19 MB free market alumino-thermic min 98,5% Shonne fob 1,445-1,545° -4.17% ▼ 26 Apr 19 MB free market alumino-thermic min 98,5% Shonne fob 1,445-1,545° -4.17% ▼ 26 Apr 19 MB free market alumino-thermic min 98,5% Shonne fob 1,445-1,545° -4.17% ▼ 26 Apr 19 MB free market sloy-grade Silb 1,7-17.80° 0.87% ▲ 26 Apr 19 MB free market sloy-grade Silb 1,7-17.80° 0.87% ▲ 26 Apr 19 MB free market sloy-grade Silb 1,7-17.80° 0.87% ▲ 26 Apr 19 MB free market slow-grade weighted average of all confirmed international trades, Silb 1,6-5° 4.23% ▲ 26 Apr 19 MB China domestic, min 99,9%, Siln-warehouse Rotterdam, €flonne 1,820-1,920° 0% 26 Apr 19 MB free market sloy-grade Silb 1,7-17.80° 0.87% ▲ 26 Apr 19 MB free market slow-grade weighted average of all confirmed international trades, Silb 1,6-5° 4.23% ▲ 26 Apr 19 MB China domestic, min 99,9%, Siln-warehouse Rotterdam, €flonne 1,820-1,920° 0% 26 Apr 19 MB free market slow-grade weighted average of all confirmed international trades, Silb 1,6-5° 4.23% ▲ 26 Apr 19 MB free market slow-grade weighted average of all confirmed international trades, Silb 1,6-5° 4.23% ▲ 26 Apr 19 MB free market slow-grade weighted average of all confirmed international trades, Silb 1,6-5° 4.23% ▲ 26 Apr 19 MB free market slow-grade weighted					Rhenium in-warehouse Rotterdam duty paid				
Selenium MB Chines free market MMTA Standard A3,500-44,500° -1,12° V 24 Apr19	Selenium MB (Fee market MITA Standard Grade I), delivered duty-paid yuan/tonne 43,500.44,500° -1.12%	<u> </u>	7,000-7,300*	0%	26 Apr 19					
MB Chinese free market MMTA Standard Grade III, delivered duty-paid yuan/tonne	MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne 43,500 44,500* -1.12% ▼ 24 Apr 19 MB free market \$\frac{\text{MB China domestic, min 99.9%}}{\text{MB China domestic, min 99.99%}}{\text{MB Free market Nilb}} \		7 000 7 200*	00/	26 Apr 10		1,300-1,580*	0%		26 Apr 19
Arsenic	Arsenic		7,000-7,300	0 /0	20Api 19					
According Acc	Arsenic		43,500-44,500*	-1.12%	▼ 24 Apr 19		9-11*	0%		26 Apr 19
MB free market \$\frac{1}{\text{bismuth}} \	MB free market \$\frac{1}{\text{bismuth}} \	Arsenic					155-185*	0%		26 Apr 19
Simulth Sim	Bismuth Simuth Simuth Simuth Simuth Similar demander Si	MB free market \$/lb	1.20-1.5*	0%	26 Apr 19					
MB free market \$\(\)/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MB free market \$\(\)\) 3.40-3.80\(^\) 0\(^\) 26 Apr 19 MB China domestic, \(\)\) min 99.99\(^\) yuan/tonne 46,000-47,000\(^\) -1.69\(^\) \ \ \ 26 Apr 19 Cadmium MB free market \(\)\) min 99.95\(^\)\ cents\(\)\) 133-140\(^\) -1.09\(^\) \ \ \ 26 Apr 19 MB free market \(\)\) min 99.95\(^\)\ cents\(\)\) 133-140\(^\) -1.09\(^\) \ \ \ 26 Apr 19 MB free market allumino-thermic min 999\(^\)\ \$\(\)\) 26 Apr 19 Chromium MB free market allumino-thermic min 99\(^\)\ \$\(\)\) 17-17.80\(^\) 0.87\(^\) \ \ 26 Apr 19 MB free market alloy-grade \$\(\)\) 17-17.80\(^\) 0.87\(^\) \ \ 26 Apr 19 MB free market standard-grade \$\(\)\) 16.35-17.05\(^\) 3.25\(^\) \ \ 26 Apr 19 MB flow-grade, weighted average of all confirmed international trades, \$\(\)\\ 16.75\(^\) 4.23\(^\) \ \ 26 Apr 19 MB China domestic, min 99.8\(^\)\ MB China domestic, min 99.8\(^\) yuan/tonne 265,000-290,000\(^\) -2.63\(^\) \ \ 26 Apr 19 MB China domestic, min 99.8\(^\) yuan/tonne 26Apr 19 Rotterdam, \(\)\(\)\choon in 1.820-1,920\(^\)\ 0\(^\) 26 Apr 19 Kotterdam, \(\)\(\)\choon in 1.820-1,920\(^\)\ 0\(^\)\ 26 Apr 19 Kotterdam, \(\)\(\)\choon in 1.820-1,920\(^\)\ 0\(^\)\ 26 Apr 19 Kotterdam, \(\)\(\)\choon in 1.820-1,920\(^\)\ 0\(^\)\ 26 Apr 19 Kotterdam, \(\)\(\)\choon in 1.820-1,920\(^\)\(\)\ 0\(^\)\ 26 Apr 19 Kotterdam, \(\)\(\)\choon in 1.820-1,920\(^\)\ 0\(^\)\ 26 Apr 19 Kotterdam, \(\)\(\)\choon in 1.735-1,820\(^\)\ 0\(^\)\ 26 Apr 19 Kotterdam, \(\)\(\)\choon in 1.735-1,820\(^\)\ 0\(^\)\ 26 Apr 19 Kotterdam, \(\)\(\)\choon in 1.1114\(^\)\(\)\choon 1.11114\(^\)\(\)\choon 1.88\(^\)\\ \ \\ 10 Apr 1 Kotterdam, \(\)\(\)\choon in 1.1114\(^\)\(\)\choon 1.11114\(^\)\(\)\choon 1.88\(^\)\\ \\ \\ 10 Apr 1 Tellurium MB free market 99.999, \$\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\	Bismuth								
yuan/tonne 46,000-47,000* -1.69% ▼ 26Apr 19 Cadmium MB free market min 99.95% cents/lb 133-140* -1.09% ▼ 26Apr 19 MB free market min 99.99% cents/lb 135-143* -1.77% ▼ 26Apr 19 Chromium MB free market alumino-thermic min 99% shone 8,200-8,700* -0.73% ▼ 26Apr 19 Cobalt MB free market alloy-grade \$/lb 17-17.80* 0.87% ▲ 26Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26Apr 19 MB logh-grade, weighted average of all confirmed international trades, \$/lb 17.60* -0.51% ▼ 26Apr 19 MB Comparade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26Apr 19 MB China domestic, min 99.8% yuun/konne 16.75* 4.23% ▲ 26Apr 19 MB China domestic, min 99.8% yuun/konne 16.75* 4.23% ▲ 26Apr 19 MB China domestic, min 99.8% yuun/konne 10.00-1,100 0% 26Apr 19 MB China domestic, min 99.8% yuun/konne 10.00-1,100 0% 26Apr 19 MB China domestic, min 99.8% yuun/konne 1.150-1,350	Section Sec	MB free market \$/lb	3.40-3.80*	0%	26 Apr 19		1,820-1,920*	0%		26 Apr 19
MB free market min 99.95% cents/lb 133-140* -1.09% ▼ 26 Apr 19	Cobalt MB free market alumino-thermic min 99.99% cents/lb MB free market alumino-thermic min 99.99% cents/lb 133-143* -1.77% ▼ 26Apr 19 Chromium MB free market alumino-thermic min 99.99% cents/lb 135-143* -1.77% ▼ 26Apr 19 Chromium MB free market alumino-thermic min 99.99% cents/lb 135-143* -1.77% ▼ 26Apr 19 Chromium MB free market alumino-thermic min 99.99% s, s/lonne 8, 200-8, 700* -0.73% ▼ 26Apr 19 Cobalt MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26Apr 19 MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26Apr 19 MB high-grade, weighted average of all confirmed international trades, \$/lb MB China domestic, min 99.99% (max 4.5% Al) \$/lkg Tid/d Europe 17						4 705 4 000+	00/		00.4 40
Export from mainland China min 98.5%, \$/none fob 1,445-1,545* -4.17% ▼ 26Apr 19	Export from mainland China min 98.5%, \$/tonne fob 1,445-1,545* -4.17% ▼ 26 Apr 19	•	46,000-47,000*	-1.69%	▼ 26 Apr 19				_	
MB free market min 99.99% cents/lb 135-143* -1.77% ▼ 26Apr 19 Pellurium MB free market alumino-thermic min 99% \$/tonne 8,200-8,700* -0.73% ▼ 26Apr 19 MB free market alloy-grade \$/lb 17-17.80* 0.87% ▲ 26Apr 19 MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26Apr 19 MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26Apr 19 MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26Apr 19 MB low-grade, weighted average of all confirmed international trades, \$/lb MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19 MB China domestic, min 99.99%, \$/tonne fob 1,445-1,545* 4.17% ▼ 26Apr 19	MB free market min 99.99% cents/lb 135-143* -1.77% ▼ 26 Apr 19 Chromium MB free market alumino-thermic min 99% \$/tonne 8,200-8,700* -0.73% ▼ 26 Apr 19 Cobalt MB free market alloy-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe 5.20-5.5* 0% 24 Apr 19 Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus 1,150-1,350 0% 26 Apr 19 Rutile conc min 95% Tio2 bagged, fob/Aus 1,150-1,350 0% 26 Apr 19 Rutile bulk conc min 95% Tio2 bagged, fob/Aus 1,000-1,100 0% 26 Apr 1 Rutile bulk conc min 95% Tio2 cif China 170-180 0% 26 Apr 1		100 1100	4.000/			111-114"	-0.88%	_	TUAPT 19
Tellurium MB free market alumino-thermic min 99% \$/tonne	Tellurium MB free market alumino-thermic min 99% \$/tonne 8,200-8,700* -0.73% ▼ 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 410-430* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 410-430* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 MB China domestic,						1,445-1,545*	-4.17%	•	26 Apr 19
MB free market alumino-thermic min 99% \$/tonne 8,200-8,700* -0.73% ▼ 26 Apr 19 Cobalt MB free market alloy-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26 Apr 19 MB high-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe 5.20-5.5* 0% 24 Apr 19 Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus 1,150-1,350 0% 26 Apr 19 Rutile conc min 95% Tio2 bagged, fob/Aus 1,150-1,350 0% 26 Apr 19 Rutile bulk conc min 95% Tio2 bagged, fob/Aus 1,000-1,100 0% 26 Apr 19 Rutile bulk conc min 95% Tio2 bagged, fob/Aus 1,000-1,100 0% 26 Apr 19 Rutile bulk conc min 95% Tio2 bagged, fob/Aus 1,000-1,100 0% 26 Apr 19 Rutile bulk conc min 95% Tio2 bagged, fob/Aus 1,000-1,100 0% 26 Apr 19 Ilmenite concentrate, 47-49% Tio2 cif China 170-180 0% 26 Apr 19	MB free market alumino-thermic min 99% \$/tonne 8,200-8,700* -0.73% ▼ 26 Apr 19 Cobalt MB free market alloy-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26 Apr 19 MB high-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.99%, \$/kg 55-65* 0% 26 Apr 19 Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe 5.20-5.5* 0% 24 Apr 1 Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus 1,150-1,350 0% 26 Apr 1 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19		135-143"	-1.//%	▼ 26Apr19	Tellurium				
99% \$/tonne	99% \$/tonne					MB free market 99.9-99.99%, \$/kg	55-65*	0%		26 Apr 19
Variety Var	Cobalt yuan/kg 410-430* 0% 26Apr 19 MB free market standard-grade \$/lb 17-17.80* 0.87% ▲ 26Apr 19 Titanium MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26Apr 19 MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe 5.20-5.5* 0% 24Apr 1 MB low-grade, weighted average of all confirmed international trades, \$/lb 17.60* -0.51% ▼ 26Apr 19 Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus 1,150-1,350 0% 26Apr 1 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26Apr 19 Rutile bulk conc min 95% Tio2 fob/Aus 1,000-1,100 0% 26Apr 1 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19		8.200-8.700*	-0.73%	▼ 26 Apr 19	MB China domestic, min 99.99%,				
MB free market alloy-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26 Apr 19 MB high-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19	MB free market alloy-grade \$/lb 17-17.80* 0.87% ▲ 26 Apr 19 MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26 Apr 19 MB high-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19		-,			yuan/kg	410-430*	0%		26 Apr 19
MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26 Apr 19 MB high-grade, weighted average of all confirmed international trades, \$/lb 17.60* -0.51% ▼ 26 Apr 19 MB low-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19	MB free market standard-grade \$/lb 16.35-17.05* 3.25% ▲ 26 Apr 19 MB high-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19		17-17.80*	0.87%	▲ 26 Apr 19	Titanium				
MB high-grade, weighted average of all confirmed international trades, \$/lb 17.60* -0.51% ▼ 26 Apr 19 MB low-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19	MB high-grade, weighted average of all confirmed international trades, \$/lb				· · ·		F 00 F F*	00/		04.440
## All confirmed international trades, \$/lb	All confirmed international trades, \$/lb 17.60* -0.51% ▼ 26Apr 19 MB low-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26Apr 19 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19						J.ZU-3.5"	υ%		24 Apr 19
MB low-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19	MB low-grade, weighted average of all confirmed international trades, \$/lb 16.75* 4.23% ▲ 26 Apr 19 MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19		17.60*	-0.51%	▼ 26 Apr 19					
MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26 Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19	MB China domestic, min 99.8% yuan/tonne 265,000-290,000* -2.63% ▼ 26Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19		40.75*	4.0007	A 001 (1		1,150-1,350	0%		26 Apr 19
yuan/tonne 265,000-290,000* -2.63% ▼ 26Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19	yuan/tonne 265,000-290,000* -2.63% ▼ 26Apr 19 Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19	· · · · · · · · · · · · · · · · · · ·	16./5*	4.23%	▲ 26 Apr 19					
Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19	Cobalt hydroxide index min 30% Co, cif China, \$/lb 9.81* -11.22% ▼ 29 Mar 19		265,000-290,000*	-2.63%	▼ 26 Apr 19					
		•				Ilmenite concentrate, 47-49% Tio2 cif China	170-180	0%		26 Apr 19
	week-on-week change continued	cif China, \$/lb	9.81*	-11.22%	▼ 29 Mar 19	turnels and the t				n tin



NOBLE ALLOYS & ORES			
	Price	Change [†]	Assessed
Molybdenum molybdic oxide			
Europe drummed molybdic oxide \$/lb Mo	12.10-12.20*	0.62%	▲ 26 Apr 19
US canned molybdic oxide \$/lb Mo	11.90-12.05*	-1.03%	▼ 25 Apr 19
Ferro-molybdenum			
Basis 65% min, in-warehouse Rotterdam \$/kg Mo	28.10-28.40*	-1.57%	▼ 26 Apr 19
US free market 65-70% Mo \$/Ib in-warehouse Pittsburgh	12.85-13.30*	-2.06%	▼ 25 Apr 19
Tungsten			
European free market APT \$/mtu	270-280*	-0.36%	▼ 26 Apr 19
Export from mainland China APT Chinese No1 grade, min 88.5% W03, S/mtu fob	263-275*	0%	24 Apr 19
MB Chinese free market concentrate 65% Wo3 in-warehouse China yuan/tonne	95,000-97,000*	-0.52%	▼ 24 Apr 19
Ferro-tungsten			
Basis 75% W min \$/kg W in-warehouse Rotterdam duty-unpaid	35-36*	-2.2%	▼ 26 Apr 19
Vanadium			
Ferro-vanadium basis 78% min, fob, China \$/kg V	50-54*	0%	25 Apr 19
Ferro-vanadium basis 78% min, free delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	41.5-43*	-3.98%	▼ 26 Apr 19
US free market ferro-vanadium \$/Ib in-warehouse Pittsburgh	22-24*	0%	25 Apr 19
Vanadium pentoxide 98% min, fob, China \$/lb V205	10.5-11.5*	0%	25 Apr 19
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$/Ib V205	8.70-9.5*	-13.33%	▼ 26 Apr 19

BULK ALLOYS			
	Price	Change [†]	Assessed
Ferro-chrome \$/Ib Cr			
China import charge chrome 50% Cr index, cif Shanghai, duty-unpaid	0.84*	-3.45%	▼ 26 Apr 19
Ferro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% (and high carbon), \$ per lb	1.15*	-2.54%	▼ 26 Apr 19
Spot 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,900-7,100*	0%	26 Apr 19
Contract 6-8% C basis 50% Cr delivered duty paid China yuan/tonne	6,900-7,100*	-1.75%	▼ 26 Apr 19
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.2*	7.14%	▲ 01 Apr 19
High carbon 6-8.5% C basis 60-70% Cr max 1.5% Si, major European destinations	0.95-1.05*	-1.48%	▼ 26 Apr 19
0.10% C average 65-70% Cr	1.90-2.10*	0%	19 Apr 19
European low carbon in-warehouse 0.06% C max - 65% Cr	1.94-2.10*	0%	19 Apr 19
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.03-1.15*	0%	19 Apr 19
High-carbon ferro-chrome 57-65% Cr, cif duty-updaid Japan, \$/lb	0.84-0.86*	-1.16%	▼ 25 Apr 19
High carbon ferro-chrome 57-65% Cr, cif duty-unpaid South Korea, \$/lb	0.83-0.85*	0%	25 Apr 19
US free market low carbon duty-paid fob Pit	ttsburgh		
US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si	1.100-1.200*	0%	25 Apr 19
0.05%C - 65% min Cr	2.18-2.20*	0%	25 Apr 19
0.10% C - 62% min Cr	1.98-2*	0%	25 Apr 19
0.15% C - 60% min Cr	1.89-1.92*	0%	25 Apr 19

	Price	Change	Assessed
Chrome ore \$/tonne			
Chrome ore cif main Chinese ports			
South African UG2 chrome ore concs, index basis 42%	168*	-4.55%	▼ 26 Apr 19
Turkish lumpy 40-42% cfr main Chinese ports	225-235*	0%	26 Apr 19
Chrome Ore inventories at the main ports of Tianjin, Qinzhou, Lianyungang and Shanghai, million tonnes	2.34-2.39*	-3.67%	▼ 15Apr 19
Ferro-manganese			
basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,050-1,100*	0%	26 Apr 19
US free market 78% Mn standard 7.5%			
C \$/long ton in-warehouse Pittsburgh	1,330-1,400*	-1.44%	▼ 25 Apr 19
US free market medium carbon duty-paid fob Pittsburgh, 80% min Mn 1.5% max C \$/Ib	1.13-1.15*	0%	25 Apr 19
MB Chinese free market min 65% Mn max 7.0% C in-warehouse China yuan/tonne	6,800-6,950*	0%	26 Apr 19
Manganese ore			
44% Mn index, cif Tianjin \$/dmtu of metal contained	6.41*	-1.84%	▼ 26 Apr 19
37% Mn index, fob Port Elizabeth \$/dmtu of metal contained	5.40*	-0.92%	▼ 26 Apr 19
37% Mn index, cif Tianjin \$/dmtu of metal contained	6.08*	-0.65%	▼ 26 Apr 19
base 37% Mn port index, range 35-39%, fot Tianjin yuan/dmtu	46.30*	-4.14%	▼ 26 Apr 19
base 44% Mn port index, range 42-48%, fot Tianjin yuan/dmtu	51.5*	-3.2%	▼ 26 Apr 19
Inventories at the main ports of Tianjin and Qinzhou, million tonnes	3.25-3.35*	0.76%	▲ 24 Apr 19
Ferro-nickel			· ·
China premium, 26-32% nickel contained, cif China, \$/tonne	-250120*	0%	25 Mar 19
Ferro-silicon			
Lumpy basis 75% Si (scale pro rata),			
major European destinations, €/tonne	1,000-1,050*	-4.65%	▼ 26 Apr 19
US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si - imported	0.92-0.94*	-5.58%	▼ 25 Apr 19
Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,170-1,220*	0%	26 Apr 19
MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,000-6,300*	-1.6%	▼ 26 Apr 19
Silico-manganese			
Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata), major European destinations, €/tonne	970-1,020*	0%	26 Apr 19
US free market \$/lb in-warehouse Pittsburgh	0.62-0.65*	-1.55%	▼ 25 Apr 19
MB Chinese free market min 65% Mn max 17% Si in-warehouse duty-paid China yuan/tonne	7,100-7,200*	-2.05%	▼ 26 Apr 19
65% min Mn 16% min Si \$/tonne fob India	1,030-1,070*	0.48%	◆ 26 Apr 19
	,,,,,,,		

† week-on-week change



continued

CARBON STEEL - EUROPE			
	Price	Change [†]	Assessed
Northern Europe imports			
Fastmarkets MB's assessment of cfr prices fo steel, € per tonne cfr main EU port	r imported, non-EU o	rigin, commercial-	quality carbon
Rebar	465-495*	0%	24 Apr 19
Wire rod (mesh quality)	500-510*	0%	24 Apr 19
Plate (8-40mm)	550-560*	0%	24 Apr 19
Hot rolled coil	470-480*	0%	24 Apr 19
Cold rolled coil	560-580*	0%	24 Apr 19
Hot-dip galvanized coil	590-600*	0%	24 Apr 1
	000 000	070	21710111
Southern Europe imports Fastmarkets MB's assessment of cfr prices fo steel, € per tonne cfr main EU port	r imported, non-EU o	rigin, commercial-	quality carbon
Rebar	465-495*	0%	24 Apr 1
Wire rod (mesh quality)	500-510*	0%	24 Apr 1
Plate (8-40mm)	530-550*	0%	24 Apr 1
Hot rolled coil	460-475*	0%	24 Apr 1
Cold rolled coil	550-560*	0%	24 Apr 1
Hot-dip galvanized coil	590-600*	0%	24 Apr 1
Southern Europe exports			
Fastmarkets MB's assessment of Southern E commercial-quality carbon steel, € per tonne i			uthern Europe o
Rebar	470-485*	0%	24 Apr 1
Wire rod (mesh quality)	480-495*	0%	24 Apr 1
carbon steel of EU origin, €per tonne delivere Rebar	535-550*	0%	24 Apr 19
Wire rod (mesh quality)	530-550*	0%	24 Apr 19
Sections (medium)	630-640*	0%	24 Apr 19
Beams	590-635*	0%	24 Apr 19
Southern Europe domestic Fastmarkets MB's assessment of prices within		ne UK) for commer	rcial-quality
carbon steel of EU origin, € per tonne delivere			
Rebar	500-510*	0%	24 Apr 19
Mine and (annula annula lite)			· ·
Wire rod (mesh quality)	525-550*	0%	24 Apr 1
Sections (medium)	625-645*	0%	24 Apr 1
			24 Apr 1
Sections (medium) Beams Central Europe domestic € per tonne ex-we	625-645* 615-635* orks	0%	24 Apr 19 24 Apr 19 24 Apr 19
Sections (medium) Beams Central Europe domestic € per tonne ex-wellotrolled coil	625-645* 615-635* orks 470-480*	0%	24 Apr 19 24 Apr 19 24 Apr 19
Sections (medium) Beams Central Europe domestic € per tonne ex-we	625-645* 615-635* orks 470-480*	0%	24 Apr 19 24 Apr 19 24 Apr 19 24 Apr 19
Sections (medium) Beams Central Europe domestic € per tonne ex-well- Hotrolled coil Poland domestic zloty per tonne ex-works	625-645* 615-635* orks 470-480*	0% 0% -0.52%	24 Apr 19 24 Apr 19 24 Apr 19 24 Apr 19
Sections (medium) Beams Central Europe domestic € per tonne ex-works related to the controlled coil Poland domestic zloty per tonne ex-works rebar	625-645* 615-635* orks 470-480*	0% 0% -0.52%	24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1!
Sections (medium) Beams Central Europe domestic € per tonne ex-worker led coil Poland domestic zloty per tonne ex-works Rebar Northern Europe € per tonne ex-works	625-645* 615-635* orks 470-480* 2,220-2,280*	0% 0% -0.52% -0.22%	24Apr1! 24Apr1! 24Apr1! ✓ 24Apr1! ✓ 24Apr1! ✓ 26Apr1!
Sections (medium) Beams Central Europe domestic € per tonne ex-worker led coil Poland domestic zloty per tonne ex-works Rebar Northern Europe € per tonne ex-works Plate (8-40mm)	625-645* 615-635* orks 470-480* 2,220-2,280* 580-595*	0% 0% -0.52% -0.22%	24Apr 1! 24Apr 1! ✓ 24Apr 1! ✓ 24Apr 1! ✓ 24Apr 1! ✓ 24Apr 1!
Sections (medium) Beams Central Europe domestic € per tonne ex-works Hot rolled coil Poland domestic zloty per tonne ex-works Rebar Northern Europe € per tonne ex-works Plate (8-40mm) Hot rolled coil	625-645* 615-635* orks 470-480* 2,220-2,280* 580-595* 490-500*	0% 0% -0.52% -0.22% -1% 0%	24Apr 1! 24Apr 1! ✓ 24Apr 1!
Sections (medium) Beams Central Europe domestic € per tonne ex-works Poland domestic zloty per tonne ex-works Rebar Northern Europe € per tonne ex-works Plate (8-40mm) Hot rolled coil Cold rolled coil	625-645* 615-635* orks 470-480* 2,220-2,280* 580-595* 490-500* 580-600*	0% 0% -0.52% -0.22% 0.43% -1%	24Apr 1! 24Apr 1! ✓ 24Apr 1!
Sections (medium) Beams Central Europe domestic € per tonne ex-works Hot rolled coil Poland domestic zloty per tonne ex-works Rebar Northern Europe € per tonne ex-works Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil	625-645* 615-635* orks 470-480* 2,220-2,280* 580-595* 490-500* 580-600*	0% 0% -0.52% -0.22% 0.43% -1%	24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1!
Sections (medium) Beams Central Europe domestic € per tonne ex-works Hot rolled coil Poland domestic zloty per tonne ex-works Rebar Northern Europe € per tonne ex-works Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-works	625-645* 615-635* orks 470-480* 2,220-2,280* 580-595* 490-500* 580-600* 590-610*	0% 0% -0.52% -0.22% 0.43% -1% 0% -0.83%	24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1! 24Apr 1!
Sections (medium) Beams Central Europe domestic € per tonne ex-works Hotrolled coil Poland domestic zloty per tonne ex-works Rebar Northern Europe € per tonne ex-works Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-works Plate (8-40mm)	625-645* 615-635* orks 470-480* 2,220-2,280* 580-595* 490-500* 590-610* 540-560*	0% 0% -0.52% -0.22% 0.43% -1% 0% -0.83% -0.45% -0.53%	24Apr 19

	Price	Change [†]	Asse	sse
CIS exports (Black Sea)				
Fastmarkets MB's assessment of CIS		the CIS of comi	nercial-qual	ity
carbon steel, \$ per tonne fob stowed r Billet index	нат ыаск Sea port 424*	-0.47%	▼ 26A	nr 1
Slab	470-480*	-1.04%		
Rebar	465-470*	0%	▼ 23A	_
Wire rod (mesh)	500-510*	-0.98%	▼ 23A	_
Heavy plate (10-50mm)	585-590*	0%	23 A	•
Hot rolled coil	470-495*	-1.53%	▼ 23A	÷
Cold rolled coil	540-558*	-1.08%	▼ 23A	<u> </u>
Russia domestic			,	
Fastmarkets MB's assessment of pric tonne, carriage paid to (cpt) inc VAT	es within Russia for commercia	al-quality carboi	n steel, ruble	es pe
Rebar	39,000-39,200*	-2.25%	▼ 23A	nr 1
Hot rolled sheet	43,000-44,500*	-1.13%	▼ 23A	•
Cold rolled sheet	49,300-51,000*	0%	23 A	÷
Plate	43,000-45,000*	-3.3%	▼ 23A	<u> </u>
	10,000 70,000	5.570	, 20/1	ا ام
CARBON STEEL - MIDDLE EAST				
	Price	Change [†]	Asse	sse
Turkish exports				
Fastmarkets MB's assessment of Turi	kish mills' prices for export of co	nmmercial-qual	ity carhon eta	امد
per tonne fob main Turkish port	Man milia prices for expert or et	mmoroiai-quan	ty carbon sit	JUI, 1
Billet	450-455*	0%	25 A	or 1
Rebar	475-480*	0%	25 A	•
Wire rod (mesh quality)	510-520*	0%	25 A	_
Merchantbars	550-555*	0%	25 A	•
Structural pipe	570-590*	-2.52%	▼ 10A	.pr 1
Hot rolled coil	495-500*	0%	26 A	_
Hot dip galvanized	685-695*	-0.36%	▼ 26A	.pr 1
Turkish domestic				
Fastmarkets MB's assessment of pric	es within Turkey for commercia	al-quality carbor	n steel of Tur	kish
origin, \$ pertonne ex-works				
Dillat		00/		
Billet	450-455*	0%	25 A	pr 1
	450-455* 500-510*	0%	25 A 26 A	•
Hot rolled coil				pr 1
Hot rolled coil Cold rolled coil	500-510*	0%	26 A	.pr 1 .pr 1
Hot rolled coil Cold rolled coil Hot dip galvanized	500-510* 580-590*	0% -3.31%	26 A ▼ 26 A	pr 1 pr 1 pr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pric	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia	0% -3.31% -0.72% -1.27%	26 A ▼ 26 A ▼ 26 A	.pr 1 .pr 1 .pr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pric	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia	0% -3.31% -0.72% -1.27%	26 A ▼ 26 A ▼ 26 A	.pr 1 .pr 1 .pr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pric origin, TRY pertonne ex-works 18% V.	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia	0% -3.31% -0.72% -1.27%	26 A ▼ 26 A ▼ 26 A	pr 1 pr 1 pr 1 pr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pric origin, TRY pertonne ex-works 18% V.	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial	0% -3.31% -0.72% -1.27% al-quality carbor	26 A ▼ 26 A	pr 1 pr 1 pr 1 pr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY pertonne ex-works 18% V. Rebar Wire rod (mesh quality)	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial (AT included 3,240-3,340*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A ■ 26 A ■ 25 A	pr 1 pr 1 pr 1 pr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY pertonne ex-works 18% V Rebar Wire rod (mesh quality) Turkish imports	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia AT included 3,240-3,340* 3,450-3,550*	0% -3.31% -0.72% -1.27% -1.27% 11.08% 1.45%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A □ steel of Tur Δ 25 A ■ 25 A	Apr 1 Apr 1 Apr 1 Apr 1 Apr 1 Apr 1
Billet Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY pertonne ex-works 18% V. Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia AT included 3,240-3,340* 3,450-3,550*	0% -3.31% -0.72% -1.27% -1.27% 11.08% 1.45%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A □ steel of Tur Δ 25 A ■ 25 A	Apr 1 Apr 1 Apr 1 Apr 1 Apr 1 Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY per tonne ex-works 18% V. Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia AT included 3,240-3,340* 3,450-3,550*	0% -3.31% -0.72% -1.27% -1.27% 11.08% 1.45%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A □ steel of Tur Δ 25 A ■ 25 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY per tonne ex-works 18% V Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of prico	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial 3,240-3,340* 3,450-3,550* es for imported commercial-que	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A ■ 25 A ■ 25 A	pr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY pertonne ex-works 18% Verbar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet Hot rolled coil	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial AT included 3,240-3,340* 3,450-3,550* es for imported commercial-quadrates	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 25 A Δ 25 A Δ 25 A ■ 25 A ■ 25 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY per tonne ex-works 18% V Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet Hot rolled coil Cold rolled coil	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 25 A ■ 25 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorgin, TRY per tonne ex-works 18% V. Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet Hot rolled coil UAE imports	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500* 555-560*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97% -1.76%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A ■ 25 A ■ 25 A ■ 25 A ■ 25 A ■ 26 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorgin, TRY per tonne ex-works 18% Verence of the configuration of th	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500* 555-560*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97% -1.76%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A ■ 25 A ■ 25 A ■ 25 A ■ 25 A ■ 26 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY per tonne ex-works 18% V. Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet Hot rolled coil UAE imports Fastmarkets MB's assessment of pricomain Turkish port Fastmarkets MB's assessment of pricomain Turkish port Fastmarkets MB's assessment of pricomain Turkish port	500-510* 580-590* 685-700* 770-780* es within Turkey for commercia AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500* 555-560*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97% -1.76%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A ■ 25 A ■ 25 A ■ 25 A ■ 25 A ■ 26 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY per tonne ex-works 18% Verbar wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet Hot rolled coil UAE imports Fastmarkets MB's assessment of pricorigin pricorig	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500* 555-560* es for imported commercial-qu	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97% -1.76%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A □ steel of Tur	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY per tonne ex-works 18% V. Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet Hot rolled coil UAE imports Fastmarkets MB's assessment of pricomain Turkish port Billet Billet Fastmarkets MB's assessment of pricomposition of the pricomposition	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500* 555-560* es for imported commercial-qu 470-480*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97% -1.76% ality carbon ste	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A □ steel of Tur Δ 25 A Δ 25 A ■ 25 A ▼ 26 A ▼ 26 A ▼ 26 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorigin, TRY per tonne ex-works 18% V. Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500* 555-560* es for imported commercial-qu 470-480* 520-525*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97% -1.76% ality carbon ste -5.47% -1.88%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A □ steel of Tur Δ 25 A Δ 25 A ■ 25 A ▼ 26 A ▼ 27 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorgin, TRY per tonne ex-works 18% Verbar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet Hot rolled coil UAE imports Fastmarkets MB's assessment of pricorgin Turkish B's assessment of pricorgin Turkish port Billet Hot rolled coil UAE imports Fastmarkets MB's assessment of pricorgin Turkish B's assessment O's B's assessment of Pricorgin Turkish B's assessment O's B's ass	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500* 555-560* es for imported commercial-qu 470-480* 520-525* 545-555*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% ality carbon ste -0.57% -2.97% -1.76% ality carbon ste -5.47% -1.88% -1.79%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A □ steel of Tur Δ 25 A Δ 25 A ■ 25 A ■ 26 A ▼ 27 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of pricorgin, TRY per tonne ex-works 18% V. Rebar Wire rod (mesh quality) Turkish imports Fastmarkets MB's assessment of pricomain Turkish port Billet Hot rolled coil UAE imports Fastmarkets MB's assessment of pricorgin pric	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial AT included 3,240-3,340* 3,450-3,550* es for imported commercial-qu 435-440* 480-500* 555-560* es for imported commercial-qu 470-480* 520-525* 545-555* 620-630*	0% -3.31% -0.72% -1.27% al-quality carbor 1.08% 1.45% 1.45% -0.57% -2.97% -1.76% ality carbon ste -5.47% -1.88% -1.79% -2.72%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A □ steel of Tur Δ 25 A Δ 25 A ■ 25 A ■ 25 A ▼ 26 A ▼ 27 A	Apr 1
Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Fastmarkets MB's assessment of price pri	500-510* 580-590* 685-700* 770-780* es within Turkey for commercial-quality and the state of the	0% -3.31% -0.72% -1.27% al-quality carbon 1.08% 1.45% ality carbon ste -0.57% -2.97% -1.76% -1.88% -1.79% -2.72% -1.34%	26 A ▼ 26 A ▼ 26 A ▼ 26 A ▼ 26 A ■ 25 A ■ 25 A ■ 25 A ■ 26 A ▼ 27 A	Apr 1

†week-on-week change



	Price	Change	Assessed		Price	Change	Assessed
JAE domestic				Wire rod (low carbon)	680-700*	-8.37%	16 Apr 1
astmarkets MB's assessment of prices w	ithin UAE for commercial	-quality carbon st	eel of UAE origin.	Medium sections	780-790*	-1.88% T	
lirhams per tonne ex-works		,	J ,	Medium plate	820-880*	3.03%	17 Apr 1
Rebar	2,000-2,007*	0%	23 Apr 19	Hot rolled coil (commodity)	650-680*	-2.21%	17 Apr 1
ran exports				Cold rolled coil	760-800*	-1.27%	7 17 Apr 1
Fastmarkets MB's assessment of prices qu	uoted by Iranian supplier	s for commercial-	quality carbon	Hot dipped galvanized 0.012-0.015, G30	980-1,020*	-0.99%	17 Apr 1
steel to overseas buyers, \$ per tonne fob Ir			,	ERW linepipe (X42)	1,130-1,200*	1.3%	26 Mar 1
Billet	385-390*	-1.9%	▼ 24 Apr 19	OCTG API5CT - casing J55	1,030-1,100*	-0.7%	26 Mar 1
Slab	390-400*	1.94%	▲ 24 Apr 19	US domestic			
Egyptian domestic				Fastmarket AMM's assessment of prices with	nin the USA for comme	ercial-quality carboi	steel of US o
Fastmarkets MB's assessment of prices w	ithin Eavot for commercia	al-quality carbon s	steel of Egyptian	Canadian origin, \$ per short ton, delivery term		noidi quality carboi	10100101000
origin, E£ per tonne ex-works		,,		Rebar (fob mill)	690-710*	-2.44%	7 17 Apr 1
Rebar	11,650-11,850*	0%	25 Apr 19	Plate (fob mill)	910-910*	-1.09%	
Egyptian import			· ·	Hot rolled sheet Midwest index (fob mill)	661-661*	-2.68%	
Fastmarkets MB's assessment of prices fo	or imported commercial-o	uality carbon stop	l \$ nertonne cfr	Cold rolled sheet (fob mill)	820-820*	-1.2%	
rasınarkets MB's assessment orprices to main port	ii iiriporteu commerciai-q	uality cal boll stee	i, a per torine cir	Hot-dip galvanized (base) Midwest	020 020	1.270	207.101
Billet	445-450*	-1.1%	▼ 25 Apr 19	(fob mill)	830-830*	-1.19%	25 Apr 1
	1.0 .00	,	7 20741.10	OCTG API5CT - casing J55 (fob mill)	1,200-1,235*	-0.41% T	26 Mar 1
CARBON STEEL - LATIN AMERICA				Fastmarket AMM's assessment of prices with	nin the USA for comme	ercial-quality carboi	steel of US or
OMEDINOTELE-EATHAMENIOA	Dula	Chemmat	A	Canadian origin, \$ per hundredweight, delive		, , ,	
	Price	Change [†]	Assessed	Merchant bar 3 x 3 1/4 angle (fob mill)	37.5-37.5*	0%	29 Mar 1
Latin American exports							
Fastmarkets MB's assessment of Latin Am		•	America of	CARBON STEEL - ASIA			
commercial-quality carbon steel, \$ per ton					Price	Change [†]	Assesse
Billet	440-450*	0%	26 Apr 19	China exports			
Slab, Brazil	495-545*	0%	26 Apr 19	Fastmarkets MB's assessment of Chinese m	ills prices for export of	commercial-quality	carbon steel,
Wire rod mesh quality	560-570*	0%	26 Apr 19	per tonne fob main China port			
Heavy plate over 10mm	600-610*	0%	26 Apr 19	Rebarindex	539-539*	0%	26 Apr 1
Hot rolled coil (dry)	540-545*	0%	26 Apr 19	Wire rod (mesh quality)	545-550*	0%	23 Apr 1
Cold rolled coil	590-600*	0%	26 Apr 19	Heavy plate	545-550*	-0.45%	23 Apr 1
Galvanized coil	800-810*	0%	26 Apr 19	Hot rolled coil index	528-528*	-0.89%	26 Apr 1
South America imports				Cold rolled coil	565-575*	-0.44%	23 Apr 1
Fastmarkets MB's assessment of cfr prices	s for imported, commerci	al-quality carbon s	steel,	Galvanized coil 1mm	625-635*	1.2%	23 Apr 1
\$ per tonne cfr main ports				Eastern China domestic			
Plate	580-590*	1.74%	▲ 26 Apr 19	Fastmarkets MB's assessment of prices in ea	estem China for comm	nercial-quality carbo	n steel of
Hot rolled coil	550-570*	-2.61%	▼ 26 Apr 19	Chinese origin, yuan per tonne ex-warehouse		ioroiai quanty ourbe	11 0100101
Cold rolled coil	610-620*	-0.81%	▼ 26 Apr 19	Rebar	4,050-4,100*	0.12%	26 Apr 19
Galvanized coil	660-670*	-0.75%	▼ 26 Apr 19	Wire rod (mesh)	4,020-4,100*	-0.98%	
Argentina domestic \$ per tonne ex-worl	ks			Sections	3,880-3,950*	-0.89%	
Fastmarkets MB's assessment of prices w	ithin Argentina for comm	ercial-quality carb	on steel. \$ per	Plate	4,000-4,090*	0%	26 Apr 19
tonne		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , p	Hot rolled coil (min 2mm)	3,980-3,990*	0.38%	
Hot rolled coil	750-755*	0%	12 Apr 19	Cold rolled coil (0.5 - 2 mm)	4,270-4,340*	-0.35%	
	850-860*	0%	12 Apr 19	Hot-dip galvanized coil	4,690-4,710*	-1.36% T	
Cold rolled coil					.,500 .,110		
	1,090-1,170*	0%	12 Apr 19	Northern China domestic			20/10/11
Galvanized coil			· · · · · ·	Northern China domestic	dham Ohina		·
Galvanized coil Rebar	1,090-1,170*	0%	12 Apr 19 12 Apr 19	Fastmarkets MB's assessment of prices in no		mercial-quality carb	·
Galvanized coil Rebar Brazil domestic	1,090-1,170* 850-860*	0%	12 Apr 19	Fastmarkets MB's assessment of prices in no Chinese origin (Tangshan), yuan per tonne e.	x-works		on steel of
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w	1,090-1,170* 850-860*	0%	12 Apr 19	Fastmarkets MB's assessment of prices in no Chinese origin (Tangshan), yuan per tonne e. Billet	x-works 3,540-3,540*	0.28%	on steel of 26 Apr 19
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works	1,090-1,170* 850-860* ithin Brazil for commercia	0% al-quality carbon s	12 Apr 19 teel, Reais per	Fastmarkets MB's assessment of prices in no Chinese origin (Tangshan), yuan per tonne e. Billet Fastmarkets MB's assessment of prices in no	x-works 3,540-3,540* orthern China for comm	0.28%	on steel of 26 Apr 19
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil	1,090-1,170* 850-860* iithin Brazil for commercia 2,560-2,610*	0% al-quality carbon s 5.62%	12 Apr 19 teel, Reais per 05 Apr 19	Fastmarkets MB's assessment of prices in no Chinese origin (Tangshan), yuan per tonne e. Billet Fastmarkets MB's assessment of prices in no Chinese origin, yuan per tonne ex-warehouse	x-works 3,540-3,540* orthern China for comr e	0.28%	on steel of 26 Apr 19
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil Cold rolled coil	1,090-1,170* 850-860* iithin Brazil for commercia 2,560-2,610* 2,750-2,840*	0% al-quality carbon s 5.62%	12Apr 19 teel, Reais per 05Apr 19 05Apr 19	Fastmarkets MB's assessment of prices in no Chinese origin (Tangshan), yuan per tonne e. Billet Fastmarkets MB's assessment of prices in no Chinese origin, yuan per tonne ex-warehouse Hot rolled coil	x-works 3,540-3,540* orthem China for comme a 3,900-3,920*	0.28% mercial-quality carb	on steel of 26 Apr 1! on steel of 26 Apr 1!
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hotrolled coil Cold rolled coil Hot dip galvanized coil	1,090-1,170* 850-860* ithin Brazil for commercia 2,560-2,610* 2,750-2,840* 3,295-3,390*	0% al-quality carbon s 5.62% 3.52% 1.91%	12Apr 19 teel, Reais per 05Apr 19 05Apr 19 05Apr 19	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne et Billet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar	x-works 3,540-3,540* orthern China for comr e	0.28%	on steel of 26 Apr 19 on steel of 26 Apr 19
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil Cold rolled coil Hot dip galvanized coil Fastmarkets MB's assessment of prices w	1,090-1,170* 850-860* ithin Brazil for commercia 2,560-2,610* 2,750-2,840* 3,295-3,390*	0% al-quality carbon s 5.62% 3.52% 1.91%	12Apr 19 teel, Reais per 05Apr 19 05Apr 19 05Apr 19	Fastmarkets MB's assessment of prices in no Chinese origin (Tangshan), yuan per tonne e. Billet Fastmarkets MB's assessment of prices in no Chinese origin, yuan per tonne ex-warehouse Hot rolled coil	x-works 3,540-3,540* orthem China for comme a 3,900-3,920*	0.28% mercial-quality carb	on steel of 26 Apr 19 on steel of 26 Apr 19
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hotrolled coil Cold rolled coil Hot dip galvanized coil Fastmarkets MB's assessment of prices w tonne delivered	1,090-1,170* 850-860* ithin Brazil for commercial 2,560-2,610* 2,750-2,840* 3,295-3,390* ithin Brazil for commercial	0% al-quality carbon s 5.62% 3.52% 1.91% al-quality carbon s	12Apr 19 teel, Reais per △ 05Apr 19 △ 05Apr 19 △ 05Apr 19 teel, Reais per	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne es Billet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar Southern China domestic Fastmarkets MB's assessment of prices in so	x-works 3,540-3,540* orthern China for come 9 3,900-3,920* 3,950-4,080* outhern China for com.	0.28% Amercial-quality carb	on steel of 26 Apr 19 on steel of 26 Apr 19 26 Apr 19
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hotrolled coil Cold rolled coil Hot dip galvanized coil Fastmarkets MB's assessment of prices w tonne delivered	1,090-1,170* 850-860* ithin Brazil for commercia 2,560-2,610* 2,750-2,840* 3,295-3,390*	0% al-quality carbon s 5.62% 3.52% 1.91%	12Apr 19 teel, Reais per 05Apr 19 05Apr 19 05Apr 19	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne establillet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar Southern China domestic Fastmarkets MB's assessment of prices in sot Chinese origin, yuan per tonne ex-warehouse	x-works 3,540-3,540* orthern China for come 9 3,900-3,920* 3,950-4,080* outhern China for come	0.28% mercial-quality carb	on steel of 26 Apr 19 on steel of 26 Apr 19 26 Apr 19 on steel of
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil Cold rolled coil Hot dip galvanized coil Fastmarkets MB's assessment of prices w tonne delivered Rebar	1,090-1,170* 850-860* ithin Brazil for commercial 2,560-2,610* 2,750-2,840* 3,295-3,390* ithin Brazil for commercial	0% al-quality carbon s 5.62% 3.52% 1.91% al-quality carbon s	12Apr 19 teel, Reais per △ 05Apr 19 △ 05Apr 19 △ 05Apr 19 teel, Reais per	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne estillet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar Southern China domestic Fastmarkets MB's assessment of prices in sot Chinese origin, yuan per tonne ex-warehouse Rebar	x-works 3,540-3,540* orthern China for comi 9 3,900-3,920* 3,950-4,080* outhern China for comi 9 4,120-4,200*	0.28% mercial-quality carb	on steel of 26 Apr 1! on steel of 26 Apr 1! 26 Apr 1! on steel of 26 Apr 1!
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil Cold rolled coil Hot dip galvanized coil Fastmarkets MB's assessment of prices w tonne delivered Rebar	1,090-1,170* 850-860* ithin Brazil for commercia 2,560-2,610* 2,750-2,840* 3,295-3,390* ithin Brazil for commercia 2,550-2,620*	0% al-quality carbon s 5.62% 3.52% 1.91% al-quality carbon s 0%	12Apr 19 teel, Reais per	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne establillet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar Southern China domestic Fastmarkets MB's assessment of prices in sot Chinese origin, yuan per tonne ex-warehouse	x-works 3,540-3,540* orthern China for come 9 3,900-3,920* 3,950-4,080* outhern China for come	0.28% mercial-quality carb -0.26% -0.37% mercial-quality carb	on steel of 26 Apr 1 on steel of 26 Apr 1 26 Apr 1 on steel of 26 Apr 1
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil Cold rolled coil Hot dip galvanized coil Fastmarkets MB's assessment of prices w tonne delivered Rebar	1,090-1,170* 850-860* ithin Brazil for commercial 2,560-2,610* 2,750-2,840* 3,295-3,390* ithin Brazil for commercial	0% al-quality carbon s 5.62% 3.52% 1.91% al-quality carbon s	12Apr 19 teel, Reais per △ 05Apr 19 △ 05Apr 19 △ 05Apr 19 teel, Reais per	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne estillet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar Southern China domestic Fastmarkets MB's assessment of prices in sot Chinese origin, yuan per tonne ex-warehouse Rebar	x-works 3,540-3,540* orthern China for comi 9 3,900-3,920* 3,950-4,080* outhern China for comi 9 4,120-4,200*	0.28% mercial-quality carb	on steel of 26 Apr 1 on steel of 26 Apr 1 26 Apr 1 on steel of 26 Apr 1 on steel of 26 Apr 1 26 Apr 1
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil Cold rolled coil Hot dip galvanized coil Fastmarkets MB's assessment of prices w tonne delivered Rebar CARBON STEEL - NAFTA	1,090-1,170* 850-860* ithin Brazil for commercia 2,560-2,610* 2,750-2,840* 3,295-3,390* ithin Brazil for commercia 2,550-2,620*	0% al-quality carbon s 5.62% 3.52% 1.91% al-quality carbon s 0%	12Apr 19 teel, Reais per	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne estillet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar Southern China domestic Fastmarkets MB's assessment of prices in so Chinese origin, yuan per tonne ex-warehouse Rebar Wire rod (mesh)	x-works 3,540-3,540* orthern China for comi 9 3,900-3,920* 3,950-4,080* outhern China for comi 9 4,120-4,200* 4,050-4,100*	0.28% mercial-quality carb -0.26% -0.37% mercial-quality carb	26 Apr 1!
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil Cold rolled coil Hot dip galvanized coil Fastmarkets MB's assessment of prices w tonne delivered Rebar CARBON STEEL - NAFTA	1,090-1,170* 850-860* ithin Brazil for commercia 2,560-2,610* 2,750-2,840* 3,295-3,390* ithin Brazil for commercia 2,550-2,620*	0% al-quality carbon s 5.62% 3.52% 1.91% al-quality carbon s 0% Change†	12Apr 19 teel, Reais per ▲ 05Apr 19 ▲ 05Apr 19 ▲ 05Apr 19 ★ 05Apr 19 Assessed	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne establlet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar Southern China domestic Fastmarkets MB's assessment of prices in sc Chinese origin, yuan per tonne ex-warehouse Rebar Wire rod (mesh) Sections	x-works 3,540-3,540* orthern China for come 9 3,900-3,920* 3,950-4,080* outhern China for come 9 4,120-4,200* 4,050-4,100*	0.28% mercial-quality carb -0.26% -0.37% mercial-quality carb -3.7% -3.55% 0%	26 Apr 19
Galvanized coil Rebar Brazil domestic Fastmarkets MB's assessment of prices w tonne ex-works Hot rolled coil	1,090-1,170* 850-860* ithin Brazil for commercia 2,560-2,610* 2,750-2,840* 3,295-3,390* ithin Brazil for commercia 2,550-2,620*	0% al-quality carbon s 5.62% 3.52% 1.91% al-quality carbon s 0% Change†	12Apr 19 teel, Reais per ▲ 05Apr 19 ▲ 05Apr 19 ▲ 05Apr 19 ★ 05Apr 19 Assessed	Fastmarkets MB's assessment of prices in not Chinese origin (Tangshan), yuan per tonne estillet Fastmarkets MB's assessment of prices in not Chinese origin, yuan per tonne ex-warehouse Hot rolled coil Rebar Southern China domestic Fastmarkets MB's assessment of prices in sot Chinese origin, yuan per tonne ex-warehouse Rebar Wire rod (mesh) Sections Plate	x-works 3,540-3,540* orthern China for comme 9 3,900-3,920* 3,950-4,080* outhern China for comme 9 4,120-4,200* 4,050-4,100* 4,050-4,100* 4,270-4,310*	0.28% mercial-quality carb -0.26% -0.37% mercial-quality carb -3.7% -3.55% 0% 0.94%	26 Apr 19





Southeast Asia imports US domestic Fastmarkets MB's assessment of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr Fastmarkets AMB's assessment of prices in Southeast Asia for commercial-quality carbon steel \$ per tonne cfr Fastmarkets AMM's appraisal of £ Canadian origin, \$ per hundredwe Fastmarkets AMM's appraisal of £ Canadian origin, \$ per hundredwe Fastmarkets AMM's appraisal of £ Canadian origin, \$ per hundredwe Fastmarkets AMM's appraisal of £ Canadian origin, \$ per hundredwe Fastmarkets AMM's appraisal of £ Canadian origin, \$ per hundredwe Fastmarkets AMM's appraisal of £ Canadian origin, \$ per hundredwe Fastmarkets AMS's assessment of prices for imported for \$ 0 % 22 Apr 19 \$ 0 % 26 Apr 19 \$	eight, fob 115-115* 156-156* 128-128* 168-168*	5.5% 0% 0% 0%	▲ 10 Apr 1 10 Apr 1 25 Apr 1
Canadian origin, \$ per hundred week Billet	eight, fob 115-115* 156-156* 128-128* 168-168*	5.5% 0% 0% 0%	▲ 10 Apr 19
Stab (Asia/EastAsia) 470-480* -3.55%	156-156* 128-128* 168-168*	0% 0% 0%	10 Apr 1 25 Apr 1
Hotrolled coil (Vietnam) 540-545* 0% 22 Apr 19 Rebar (Singapore) 505-505* 0% 22 Apr 19 Wire rod (low carbon) 550-565* 0% 22 Apr 19 Indian exports Fastmarkets MB's assessment of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port Billet 455-460* 0% 26 Apr 19 Plate (12-40mm) 545-550* 0% 26 Apr 19 Hot-dip galvanized coil 705-710* 1.8% ▲ 26 Apr 19 Hot-dip galvanized coil 705-710* 1.8% ▲ 26 Apr 19 Hot-olled coil (commodity) 580-585* 0% 26 Apr 19 Hot rolled coil (commodity) 580-585* 0% 26 Apr 19 Hot rolled coil (commodity) 565-570* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Iron ore index (62% LA) 58% Fe Iron Ore Index (MBIOI-58P Qingdao on a 58% fe basis Daily Price Sidry metric tonne High grade Premium (MBIOI-58P Qingdao on a 58% basis low alum low phosphorous Daily Price Sidry metric tonne Hot rolled aciil (CR grade) 700-71.000* 2.4.4% 26 Apr 19 Iron Ore Implied 58% Fe high	128-128* 168-168* per tonne	0%	25 Apr 1
Rebar (Singapore) 505-505* 0% 22 Apr 19 Wire rod (low carbon) 550-565* 0% 22 Apr 19 Indian exports Fastmarkets MB's assessment of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port Billet 455-460* 0% 26 Apr 19 Plate (12-40mm) 545-550* 0% 26 Apr 19 Hot rolled coil (commodity) 530-535* 0% 26 Apr 19 Indian imports Fastmarkets MB's assessment of prices for imported, non-EU origin, commercial-quality carbon steel, \$ per tonne cfr main India port Indian imports Fastmarkets MB's assessment of prices for imported, non-EU origin, commercial-quality carbon steel, \$ per tonne cfr main India port Hot rolled coil (commodity) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Indian domestic Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works Billet 31,400-31,600* 0% 26 Apr 19 Hot rolled coil 326 Apr 19 Hot rolled coil 34,500-41,000* -2.4% ▼ 26 Apr 19 Indian domestic Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per dingdao on a 58% fe basis Daily Price \$ form ore index (62% LA) 58% Fe Iron Ore Index (MBIOI-58P Qingdao on a 58% basis low alum low phosphorous Daily Price \$ form ore index (62% LA) 58% Fe Iron Ore Index (MBIOI-58P Qingdao on a 58% basis low alum low phosphorous Daily Price \$ form ore index (62% LA) Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per ligh grade Premium (MBIOI-58P Qingdao on a 58% basis low alum low phosphorous Daily Price \$ form ore index (62% LA) Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per ligh grade Premium (MBIOI-58P Qingdao on a 58% basis low alum low phosphorous Daily Price \$ form ore index (62% LA) Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per ligh grade Premium (MBIOI-58P Qingdao on a 5	168-168* per tonne	0%	
Note Section Sectio	pertonne		25 Apr 19
Indian exports Fastmarkets MB's assessment of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port Billet		-0.2%	
Fastmarkets MB's assessment of Indian mills' prices for export of commercial-quality carbon steel, \$ per tonne fob main India port Billet 455-460* 0% 26 Apr 19 Plate (12-40mm) 545-550* 0% 26 Apr 19 Hot-rolled coil (commodity) 530-535* 0% 26 Apr 19 Indian imports Fastmarkets MB's assessment of prices for imported, non-EU origin, commercial-quality carbon steel, \$ per tonne cfr main India port Hot rolled coil (commodity) 580-585* 0% 26 Apr 19 Hot rolled coil (commodity) 565-570* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Indian domestic Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works Billet 31,400-31,600* 0% 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Hot rolled coil (CR grade) -26 Apr 19 Hot rolled coi		-0.2%	
Pertonne fob main India port	1,330.47*	-0.2%	
Billet			▼ 23 Apr 19
Plate (12-40mm) 545-550* 0% 26 Apr 19 Hot rolled coil (commodity) 530-535* 0% 26 Apr 19 Hot-dip galvanized coil 705-710* 1.8% ▲ 26 Apr 19 Indian imports 65% Fe Brazilian Index CFR Qing (MBIOI-65-BZ-Index) \$/tonne Ermain India port Plate (20-60mm) 580-585* 0% 26 Apr 19 Hot rolled coil (commodity) 565-570* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Indian domestic Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works Billet 31,400-31,600* 0% 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Hot rolled coil (CR grade) 10			
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Hot rolled coil (commodity) 565-570* 0% 26Apr 19 Hot rolled coil (CR grade) 580-585* 0% 26Apr 19 Cold rolled coil (CR grade) 625-630* 0% 26Apr 19 Indian domestic Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works Billet 31,400-31,600* 0% 26Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26Apr 19 Heterilled coil (CR grade) 1/200 1/			
Hot rolled coil (CR grade) 580-585* 0% 26 Apr 19 Cold rolled coil 625-630* 0% 26 Apr 19 If on ore index (62% LA) 58% Fe Iron Ore Index (MBIOI-58 Qingdao on a 58% fe basis Daily Fe Startarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works Billet 31,400-31,600* 0% 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Iron ore index (62% LA) 58% Fe Iron Ore Index (MBIOI-58P Qingdao on a 58% basis Daily Fe Daily Price \$\frac{1}{2}\$ ydry metric tonne		0%	26 Apr 19
Second collection Second	93.58*	1.62%	▲ 26 Apr 19
Qingdao on a 58% fe basis Daily F \$/dry metric tonne Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works Billet 31,400-31,600* 0% 26 Apr 19 Heavy plate 40,500-41,000* -2.4% 26 Apr 19 Heavy plate 40,500-41,000* -2.4% 26 Apr 19 Heavy plate 10 F00-41,000\$ 10	96.03*	2.14%	▲ 26 Apr 19
Indian domestic \$/dry metric tonne Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works High grade Premium (MBIOI-58P Qingdao on a 58% basis low alum low phosphorous Daily Price \$/dry metric tonne Billet 31,400-31,600* 0% 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Incomplete the collection of the collect			
Fastmarkets MB's assessment of prices within India for commercial-quality carbon steel, rupees per tonne ex-works Billet 31,400-31,600* 0% 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 High grade Premium (MBIOI-58P Qingdao on a 58% basis low alum low phosphorous Daily Price \$\(\delta\text{dry metric tonne}\) For the first term of the firs	79.62*	0.58%	▲ 26 Apr 19
tonne ex-works Qingdao on a 58% basis low alum Billet 31,400-31,600* 0% 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Iron Ore Implied 58% Fe high		0.0070	20/10/10
Sylvania	,		
Heavy plate 40,500-41,000* -2.4% ▼ 26 Apr 19 Iron Ore Implied 58% Fe high	54	40.000/	• 004 44
	5*	42.86%	▲ 26 Apr 19
	84.62*	2.37%	▲ 26 Apr 19
Cold rolled coil 46,500-47,000* 0% 26 Apr 19 Iron Ore product differential - PBF		2.0170	20/Apr 13
DRI 19,600-19,800* 1.03% A 26 Apr 19 delivered Qingdao, China CFR \$/		0%	26 Apr 19
Hot-dip galvanized coil 50,000-50,500* 0% 26 Apr 19 Iron ore 62% Fe Pilbara Blend Fin	nes		
Rebar 35,500-35,700* -0.84% ▼ 26Apr19 (MBIOI-PBF) \$/tonne	92.36*	1.64%	▲ 26 Apr 19
Iron Ore 62% Fe China port price	index 675*	0.6%	▲ 26 Apr 19
Implied 62% Fe China Port Price S	\$ per tonne 91.81*	0%	26 Apr 19
Iron ore pellet index cfr Qingdao (65% Fe) 126.91*	-0.91%	▼ 26 Apr 19
STAINLESS STEEL Iron ore concentrate index cfr			
Price Change [†] Assessed Qingdao (66% Fe)	105.35*	-2.31%	▼ 26 Apr 19
Asia import Iron ore implied pellet premium Cl Qinqdao US\$/tonne	FR 32.98*	-3.57%	▼ 26 Apr 19
\$/tonne cif Fast Asian nort		-3.51%	▼ 20Api is
Grade 304 2mm CR coil 2B 2,020-2,060* -1.21% ▼ 24 Apr 19 the Fastmarkets MB 65% Fe Braz			
Grade 304 hot rolled coil 1,890-1,940* -1.29% ▼ 24 Apr 19 iron ore index cfr Qingdao US\$/to		-4.84%	▼ 26 Apr 19
China domestic Iron ore DR-grade pellet premium			
yuan/tonne, in-warehouse index Middle East reference, \$\(\)/dn		5.92%	▲ 29 Mar 19
Grade 304 2mm CR coil 14,000-14,500* -0.35% ▼ 24 Apr 19 Metal Bulletin Indicator for US\$/%	-4.19*	-4.56%	▼ 22 Apr 19
Grade 430 2mm CR coil 8,250-8,300* 0% 24 Apr 19 Metal Bulletin Indicator for US\$/% Metal Bulletin Indicator for US\$/%		-4.50%	▼ 22Api is
EU domestic Fe in iron ore fines cfr Qingdao	1.55*	-1.27%	▼ 22 Apr 19
2mm 304 cold rolled stainless sheet, €/tonne Iron Ore Fines 65% Fe, % Fe value			
N.Europe Base price 925-985* 0% 26 Apr 19 use cfr Qingdao \$/dry metric tonno		4.26%	▲ 22 Apr 19
Alloy surchange 1 410-1 450* 0 25% \$\text{\$\exitt{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\}\$}}\$}\text{\$\exititt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\}\exittit{\$\text{\$\text{\$\}}\\$}\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$			
N Furgne transaction 2 210-2 320* 1 57% A 26 Apr 19	-1.49*	10.37%	▲ 22 Apr 19
Iron Ore Fines 62% Fe, 0.01% 2mm 316 cold rolled stainless sheet, €/tonne Phosphorous value in use MBIOI	Phos-VII Lefr		
Base price 1,270-1,320* 0% 26 Apr 19 Qingdao US cent per dry metric to		12.5%	▲ 22 Apr 19
Alloy surcharge 2,162-2,218* -0.11% ▼ 26Apr 19			
304 stainless steel bright bar, €/tonne			
Base price 1,000-1,060* 0% 26 Apr 19			
Alloy surcharge 1,749-1,789* 1.58% ▲ 26Apr 19			
† week-on-week change			continued :



COKING COAL					Price	Change		Assessed
\$ per metric tonne				Cif Europe stainless € per tonne				
	Price	Change [†]	Assessed	18/8 solids	1,050-1,090*	-3.17%	▼	26 Apr 1
Premium hard coking coal index cfr China	206.80*	0.44%	26 Apr 19	18/8 turnings	945-980*	-3.27%	•	26 Apr 1
Hard coking coal index cfr China	193.23*	2.46%	26 Apr 19	316 solids	1,600-1,620*	-2.72%		26 Apr 1
Premium hard coking coal index fob Australia	203.04*	-1.07%	7 26 Apr 19	316 turnings	1,440-1,460*	-2.68%	▼	26 Apr 1
Hard coking coal index fob Australia	177.22*	1.07%	26 Apr 19	Rotterdam export				
China hard coking coal Shanxi spot				Fastmarkets MB's assessment \$/tonnne fob H	Rotterdam			
market domestic delivered yuan/tonne	1,380-1,780*	0.96%	26 Apr 19	MB index fob Rotterdam HMS 1&2 (80:20)	288.07*	0.15%	A	26 Apr 19
65% CSR coke \$/tonne fob China	310-325*	0%	23 Apr 19	HMS 1&2 (75:25 mix)	273-275*	-4.03%	▼	26 Apr 19
Low Vol PCI Index \$ per dry metric tonne cfr Jingtang	134.39*	-1.44%	7 26 Apr 19	Shredded	283-285*	-3.89%	▼	26 Apr 19
Low Vol PCI Index \$ per dry metric	101.00	1.1170	20710110	Turkish import				
tonne fob DBCT	129.18*	-0.46%	7 26 Apr 19	Fastmarkets MB's assessment \$/tonne cfr ma	nin Turkish ports			
				MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	303.55*	-1.51%	•	26 Apr 19
FERROUS SCRAP				MB index cfr Turkey HMS 1&2 (80:20)				
FERROUS SCRAP		0 1 ±		(United States material)	307.62*	-1.49%		26 Apr 19
	Price	Change [†]	Assessed	HMS 1&2 (75:25 mix)	292-294*	-3.78%		26 Apr 19
UK ferrous scrap domestic				Shredded	312-314*	-1.42%	•	26 Apr 19
The following is Fastmarket MB's evaluation of				Turkish domestic				
within the month listed. Prices may vary accord conjunction with editorial comment on the Ferro		stination, and shot	ıld be read in	Fastmarkets MB's assessment delivered				
	ous scrap pages.			Melting scrap from shipbreaking (\$/tonne)	315-320*	0%		23 Apr 19
£/tonne				Auto bundle scrap (Turkish lira/tonne)	1,730-1,870*	0%		23 Apr 19
Cut grades	160-185*	0%	11 Apr 10	USA export				
OA plate and structural 1&2 old steel	140-165*	0%	11 Apr 19 11 Apr 19	Fastmarket AMM ferrous scrap export index \$	tonne East Coast fo	b New York		
	140-103	0 /0	11 Apr 19	HMS 1&2 (80:20)	294.99*	0%		24 Apr 19
12A/C new production heavy and shovellable steel	185-210*	0%	11 Apr 19	Shredded	300.33*	0%		24 Apr 19
12D new production heavy and			· ·	USA domestic				
shovellable steel	190-215*	0%	11 Apr 19	Fastmarkets AMM Midwest index \$/gross ton	delivered mill			
Bales and cuttings				No1 heavy melting scrap	292.21*	-6.97%	▼	10 Apr 19
4A new steel bales	190-215*	0%	11 Apr 19	No1 busheling	350.5*	-5.86%	▼	10 Apr 19
4C new steel bales	180-205*	0%	11 Apr 19	Shredded	319.76*	-6.01%	▼	10 Apr 19
8A new loose light cuttings	175-205*	0%	11 Apr 19	China domestic				
8B new loose light cuttings	160-190*	0%	11 Apr 19	yuan/tonne delivered mill				
Turnings				Heavy scrap	2,620-2,750*	0%		26 Apr 19
UK inter-merchant 7B heavy steel turnings	120-140*	0%	11 Apr 19		2,020-2,700	0 70		20/10/10
Castiron				Taiwan import				
9A/10 heavy and light cast iron	140-165*	0%	11 Apr 19	\$/tonne cfr main port	005 005*	0.000/		00.4 40
9B/C cylinder block scrap	160-185*	0%	11 Apr 19	HMS 1&2 (80:20 mix) (USA material)	285-285*	0.88%		26 Apr 19
11A cast iron borings	85-105*	0%	11 Apr 19	Vietnam import				
Prices relate to new UK scrap specifications				\$/tonne cfr southern Vietnam				
Please see metalbulletin.com for full explanation	on of price changes			HMS 1&2	320-325*	-2.42%	•	26 Apr 19
UK intermerchant weekly price				Germany domestic				
£/tonne				€/tonne composite sales price ex-yard, source	e:BDSV			
5C loose old light	90-110*	0%	26 Apr 19	No E2/8 (new steel scrap)	256	2.28%	_	01 Mar 19
UK ferrous scrap export				No E1 (old steel scrap)	228.90	2.05%	A	01 Mar 19
Fastmarkets MB's assessment \$ fob main UK p	nort			No E3 (old thick steel scrap)	253.30	1.6%	A	01 Mar 19
HMS 1&2 (80:20 mix)	284-286*	-1.55%	7 26 Apr 19	No E40 (shredded steel scrap)	257.70	2.55%	A	01 Mar 19
Shredded	289-291*		7 26 Apr 19	No E5 (steel turnings)	203.20	3.15%	A	01 Mar 19
Indian imports	200-201	1.0070	. 20Api 19	Fastmarkets MB's assessment €/tonne deliver	ered at mill			
·	one Chana			Grade E40 (shredded steel scrap)	275-285	0%		12 Apr 19
Fastmarkets MB's assessment \$/tonnne cfr Nh		0.700/	00440	No E8 (thin new production steel scrap)	275-290	0.89%	A	12 Apr 19
MB index cfr India shredded	334.65*		26 Apr 19	No E3 (old thick scrap)	265-285	0%		12 Apr 19
HMS 1&2 (80:20 mix)	305-320*	1.63%	26 Apr 19	Italy domestic				
Alloy steel scrap domestic				Fastmarkets MB's assessment €/tonne delive	ered at mill			
UK wholesale merchants' stainless (£/tonne)				No E3 (old thick scrap)	260-275	-3.6%	▼	15 Apr 19
18/8 solids	860-920*		26 Apr 19	No E8 (thin new production steel)	285-290	-0.86%	▼	15 Apr 19
18/8 turnings	730-780*		7 26 Apr 19	No E40 (shredded steel scrap)	280-290	-2.56%	▼	15 Apr 19
316 solids	1,300-1,350*		7 26 Apr 19	()				
316 turnings	1,105-1,150*	**	7 26 Apr 19					
12-13% Cr solids	170-230*	-4.76% T	7 26 Apr 19					
	220-270*	-3.92%	7 26 Apr 19					



SCRAP SUBSTITUTES			
	Price	Change [†]	Assessed
EU imports \$/tonne			
Pig iron imports cif Italy	355-360*	-0.69%	▼ 25 Apr 19
Hot-briquetted iron cfr Italian			· ·
ports	290-300*	0%	25 Apr 19
Brazil exports \$/tonne, delivery terms as s	tated		
Hot briquetted iron Venezuela	225-225*	0%	26 Apr 19
Pig iron fob Vitorio/Rio Brazil	330-340*	-0.74%	▼ 26 Apr 19
Pig iron fob Ponta da Maderia Brazil	352-352*	-1.4%	▼ 26 Apr 19
US imports \$/tonne cfr Gulf of Mexico			
Pig iron	360-365*	0%	26 Apr 19
CIS exports \$/tonne fob main port			
Pig iron Baltic Sea	380-385*	0%	25 Apr 19
Pig iron Black Sea	330-340*	-1.47%	▼ 25 Apr 19
NON-FERROUS SCRAP EUROPE	Price	Change [†]	Assessed
Aluminium			
European free market Fastmarkets MB as	sessment€/tonne		
Floated frag	1,030-1,065*	-0.48%	▼ 26 Apr 19
Cast	930-950*	-1.05%	▼ 26 Apr 19
Mixed turnings 6%	780-820*	-1.23%	▼ 26 Apr 19
France per 1000kg			
Pure cuttings	1,480-1,500	1.71%	▲ 23 Apr 19
Old rolled	570-600	0%	23 Apr 19
Commercial cast	580-620	0%	23 Apr 19
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Pure cuttings	1,065-1,095	0%	19 Apr 19
Old mixed scrap	1,510-1,545	0.66%	▲ 19 Apr 19
Commercial cast	890-945	0.55%	▲ 19 Apr 19
Source: Assomet			
Copper			
France per 1000kg			
Electro cuttings	5,150-5,200	0%	23 Apr 19
No 1 bright wire	4,900-4,950	-1.01%	▼ 23 Apr 19
Mixed (96%)	4,600-4,650	0%	23 Apr 19
Brass plate cuttings 70/30	3,800-3,850	0%	23 Apr 19
Brass turnings	3,200-3,250	-1.53%	▼ 23 Apr 19
Mixed brass	3,100-3,150	0%	23 Apr 19
Source: Lettre d'Information Metaux			
Italy per 1000kg			
Electrolytic dd EN 12861-S-Cu-2	5,395-5,555	0%	19 Apr 19
Enamelled wire EN 12861-S-Cu-3	5,273-5,435	0%	19 Apr 19
New from tubes, strips etc EN			
12861-S-Cu-4	5,297-5,525	0%	19 Apr 19
Old from tubes, strips etc 12861-S-Cu-7	5,125-5,295	0%	19 Apr 19
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,260-4,375		▼ 19 Apr 19
Mixed from valves/taps EN	1,200-4,010	0.0070	, 10/hpi 13
12861-S-Cu-Zn-6	3,495-3,825	-0.81%	▼ 19 Apr 19
Causard 050// 10001 C Cu 7: 7	0.545.0.005	0.000/	40.440

3,545-3,625

Several 95% m/m 12861-S-Cu-Zn-7

Source: Assomet

-0.83%

UK NON-FERROUS SCRAP			
	Price	Change [†]	Assessed
Aluminium - actual price			
£pertonne			
Group 1 pure 99% & Litho	1,300-1,350*	0%	24 Apr 19
Commercial pure cuttings	960-1,000*	0%	24 Apr 19
Clean HE9 extrusions	1,300-1,350*	0%	24 Apr 19
Loose old rolled cuttings	680-710*	0%	24 Apr 19
Baled old rolled	740-770*	0%	24 Apr 19
Commercial cast	780-810*	-0.62%	▼ 24 Apr 19
Cast wheels	1,140-1,170*	0%	24 Apr 19
Commercial turnings	560-600*	-0.85%	▼ 24 Apr 19
Group 7 turnings	455-485*	-1.05%	▼ 24 Apr 19
Fastmarkets MB and LME aluminium scrap	discounts		
£pertonne			
Group 1 pure 99% & Litho	74-124*	19.28%	▲ 24 Apr 19
Commercial pure cuttings	424-464*	3.74%	▲ 24 Apr 19
Clean HE9 extrusions	74-124*	19.28%	▲ 24 Apr 19
Loose old rolled cuttings	323-353*	-16.34%	▼ 24 Apr 19
Baled old rolled	263-293*	-19.19%	▼ 24 Apr 19
Commercial cast	223-253*	-20.4%	▼ 24 Apr 19
Cast wheels	-137107*	117.86%	▲ 24 Apr 19
Commercial turnings	433-473*	-11.87%	▼ 24 Apr 19
Group 7 turnings	548-578*	-9.78%	▼ 24 Apr 19
Titanium			
\$/lb cif			
Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1.15-1.20*	0%	24 Apr 19
Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	1.05-1.10*	0%	24 Apr 19
Copper scrap discount			
cents/lb			
No 2 copper (birch/cliff) imported into China 94-96% cif China	32-38*	12.9%	▲ 25 Mar 19

19 Apr 19



NON-FERROUS FOUNDRY INGOTS			
	Price	Change [†]	Assessed
Aluminium UK £/tonne			
Fastmarkets MB free market			
LM24 pressure diecasting ingot	1,350-1,400*	-0.72%	▼ 24 Apr 19
LM6/LM25 gravity diecasting ingot	1,670-1,710*	-0.59%	▼ 24 Apr 19
NB: prices expressed delivered consume	r works, LM series as	s specified in BS1	1490
Aluminium Europe			
Fastmarkets MB free market			
Duty paid delivered works pressure			
diecasting ingot price (DIN226/A380)			
-€/tonne	1,410-1,460*	-0.69%	▼ 26 Apr 19
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.80-0.83*	-1.81%	▼ 25 Apr 19
AFFIMET €/tonne			
AS12	3,529	0.86%	▲ 01 Apr 19
AS12UN	2,465	-3.9%	▼ 01 Apr 19
AS9 U3	1,840	-5.15%	▼ 01 Apr 19
AS5 U3	2,190	-4.37%	▼ 01 Apr 19
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,160-2,260	0%	13 Mar 19
DIN 231	2,240-2,340	0%	13 Mar 19
DIN 311	2,220-2,320	0%	13 Mar 19
Aluminium bronze £/tonne UK			
AB1 ex-works	5,070	0%	23 Apr 19
AB2 ex-works	5,120	0%	23 Apr 19
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,200	0%	23 Apr 19
High tensile HTB1 ex-works	4,390	0%	23 Apr 19
Source: C.F. Booth Ltd			·
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,800	0%	23 Apr 19
LG4 87/7/3/3 ex-works	5,550	0%	23 Apr 19
G11.15 PB ex-works	6,280	0%	23 Apr 19
Source: C.F. Booth Ltd	.,		
Phosphor bronze UK £/tonne			
PB1 ex-works	6,880	0%	23 Apr 19
Source: C.F. Booth Ltd	-,		_0, .p. 10
Phosphor copper £/tonne			
10% P ex-works	6,130	0%	23 Apr 19
15% P ex-works	6,180	0%	23 Apr 19
Source: C.F. Booth Ltd	0,100	0 70	20/hpi 13
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delive	ared IIK)		
Brock Metal ZL3		5.45%	▲ 01 Apr 10
	2,844		▲ 01 Apr 19▲ 01 Apr 19
Brock Metal ZL5	2,872	0.45%	▲ 01 Apr 19

BASE METALS



Monthly averages: March

		Low	High
Aluminium			
Aluminium P1020A, in-warehouse F premium, duty unpaid, spot \$/tonne	Rotterdam	83.52	92.67
Aluminium P1020A, in-warehouse F	Rotterdam	00.02	02.01
duty paid, spot \$/tonne		137.22	145.56
Alumina			
Index fob Australia		400.89	
Copper			
US High-grade cathode premium inc	dicator,	454.00	400.70
\$/tonne		154.32	166.72
Nickel			
Free market in warehouse premium	Lineut oathod	107 E	220
Europe \$/tonne	Uncut cathodes	187.5	220
	4x4 cathodes	450 247.5	500 277.5
T:	Briquettes	241.0	211.5
Tin European free market			
European free market Spot Premium 99.9%, \$/tonne		420	460
Kuala Lumpur (ex-smelter), \$/tonne		21.340	700
Tradia Lampar (ox-smoltor), \$\psi\tonne		21,040	
Antimony MB free market Regulus 99.65%, max Se 50ppm, in warehouse,\$/toni	ne	7,444.44	7,733.33
MMTA Standard grade II, \$/tonne		7,388.89	7,688.89
Bismuth			
MB free market min. 99.99%, tonne in warehouse, \$/lb	lots,	3.45	3.89
Cadmium			
MB free market			
min 99.95%, in warehouse, cents/lb		133	143
min 99.99%, in warehouse cents/lb		137	146
Cobalt			
MB free market		1110	45.5-
Alloy Grade, in warehouse, \$/lb		14.12	15.07
Standard Grade, in warehouse, \$/lb		14.04	14.88
Gallium MB free market			
IVID HEE MARKET			475.00
MB free market, \$/kg		156.33	175.22
MB free market, \$/kg Germanium	\$/ka		<u> </u>
MB free market, \$/kg Germanium Dioxide MB free market min 99.99%	,\$/kg	950	1,150
MB free market, \$/kg Germanium Dioxide MB free market min 99.99% Metal, Rotterdam, \$/kg	,\$/kg		<u> </u>
MB free market, \$/kg Germanium Dioxide MB free market min 99.99% Metal, Rotterdam, \$/kg Indium		950	1,150
MB free market, \$/kg Germanium Dioxide MB free market min 99.99% Metal, Rotterdam, \$/kg		950	1,150
MB free market, \$/kg Germanium Dioxide MB free market min 99.99% Metal, Rotterdam, \$/kg Indium MB free market ingots, min 99.97%,		950 1,350	1,150 1,450
MB free market, \$/kg Germanium Dioxide MB free market min 99.99% Metal, Rotterdam, \$/kg Indium MB free market ingots, min 99.97%, in warehouse, \$/kg		950 1,350	1,150 1,450

Maraum		Low	High
Mercury MB free market min 99.99%,			
in warehouse, \$/flask		2,400	2,700
Selenium			
MB free market min 99.5%		0.70	40.04
in warehouse, \$/lb		8.78	10.81
Silicon Grade 441, min 99% Si in-warehouse			
Rotterdam, €/tonne		1,860	1,940
Titanium			
Ferro-Titanium, 70% (max 4.5% AI),		-	F 20
d/d Europe, \$/kg		5	5.30
ORES & ALLOYS			
		Low	High
Molybdenum			
Free market in warehouse Europe drummed molybdicoxide \$/lb Mo		12.28	12.44
US canned molybdic oxide \$/lb Mo		12.40	12.64
Ferro-molybdenum			
basis 65% min, in-warehouse		00.74	00.40
Rotterdam, \$/kg Mo		28.74	29.13
Tungsten European free market APT, \$/mtu		270.80	281.60
Ferro-tungsten		210.00	201.00
basis 75% W min, \$/kg		35.28	36.28
Vanadium			
min 98%, in-warehouse Rotterdam,			
V2O5, \$/lb		15.01	16.05
Ferro-vanadium			
basis 78% min, free delivery duty paid consumer plant, 1st grade Weste	rn		
Europe, \$/kg V		64.61	68.11
US Free market 70-80%, \$/lb		34.5	37
PRECIOUS METALS			
Gold			
London \$/troy oz	Morning	1,302.29	
London £/troy oz	Afternoon Morning	1,300.90 988.77	
LONGOTI E/11 OY OZ	Afternoon	987.88	
\$/troy oz	Handy/Harman	1,300.90	
Palladium			
Morning \$/troy oz		1,535.95	
Afternoon \$/troy oz		1,530.71	
Platinum: per troy oz			
Morning \$/troy oz		842.76	
Afternoon \$/troy oz		842.81	
Rhodium European free market min 99.9%			
in-warehouse, \$/troy oz		3,076.43	3,185.24
Silver			
London			
spot pence/troy oz		1,163.24	
spot cents/troy oz		1,532.07	
Handy/Harman cents/troy oz		1,530.30	
+			
† week-on-week change			continued >





FOUNDRYINGOTS		
	Low	High
Aluminium		
LM24, £/tonne	1,362.5	1,412.5
LM6/LM25, £/tonne	1,680	1,725
Aluminium Europe €/tonne	1,446	1,502
Phosphor Bronze		
PB1 ex-works, £/tonne	6,965	
Zinc Alloy		
ZL3,£/tonne	2,697	
EXCHANGE RATES (CLOSING RATES)		
\$/£	1.32	
\$/yen	111.15	
-		

LONDON METAL EXCHANGE
High, low and average March (21 days)
LME averages are mean of buyers and sellers except for
settlement and 3 months sellers.

	Jan-Mar 201	Jan-Mar 2019	
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	1,775.25	1,922.5	1,871.88
3 months	1,813.5	1,944.25	1,894.88
Settlement	1,775.5	1,923	1,872.24
3 months seller	1,814	1,944.5	1,895.33
Copper Grade A (\$)			
Cash	5,810.75	6,571	6,450.31
3 months	5,836	6,523.75	6,425.56
Settlement	5,811	6,572	6,451.02
3 months seller	5,837	6,524	6,426.19
Copper Grade A (£)			
Settlement	4,508.36	5,000.76	4,897.91
3 months seller	4,506.43	4,952.08	4,856.95
Lead (\$)			
Cash	1,934	2,153.5	2,054.14
3 months	1,949	2,164.5	2,070.92
Settlement	1,934.5	2,154	2,054.57
3 months seller	1,950	2,165	2,071.48
Lead (£)			
Settlement	1,493.96	1,626.25	1,559.93
3 months seller	1,493.72	1,628.19	1,565.64
Nickel (\$)			
Cash	10,437.5	13,607.5	13,056.31
3 months	10,527.5	13,655	13,146.07
Settlement	10,440	13,610	13,060.71
3 months seller	10,530	13,660	13,151.43
Tin (\$)			
Cash	19,495	21,912.5	21,433.45
3 months	19,472.5	21,700	21,343.33
Settlement	19,500	21,925	21,444.29
3 months seller	19,475	21,725	21,358.81

	Jan-Mar 2019		March
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	2,461	2,999.5	2,850.90
3 months	2,395.5	2,915.5	2,811.07
Settlement	2,462	3,000	2,851.40
3 months seller	2,396	2,916	2,811.45
Cobalt(\$)			
Cash	29,500	46,000	30,854.76
3 months	29,500	50,000	30,854.76
Settlement	30,000	47,000	31,333.33
3 months seller	30,000	51,000	31,333.33
Aluminium Alloy (\$)			
Cash	1,375	1,517.5	1,436.79
3 months	1,405	1,525	1,459.05
Settlement	1,380	1,520	1,441.90
3 months seller	1,410	1,530	1,464.29
Nasaa (\$)			
Cash	1,327.5	1,535	1,505.55
3 months	1,375	1,565	1,543.57
Settlement	1,330	1,536	1,507.71
3 months seller	1,380	1,570	1,548.33

LME SETTLEMENT CONVERSION RATES	
\$/£	1.32
\$/yen	111.19
\$/€	1.13