19 March 2018 | Metal Bulletin Daily | Number 9552.1

_	
	ricoc
	rices

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

NEW YORK FUTURES			
	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	311.10	1.72%	▲ 15 Mar 18
Open interest	269,430	3.68%	▲ 14 Mar 18
Stocks (short ton)	233,462	0.38%	▲ 14 Mar 18
Comex: Gold \$/troy oz			
Settlement	1,316.80	-0.23%	▼ 15 Mar 18
Open interest	537,768	5.85%	▲ 14 Mar 18
Stocks (troy oz)	9,075,254	-0.55%	▼ 14 Mar 18
Nymex: Palladium \$/troy oz			
Settlement	984.75	0.95%	▲ 15 Mar 18
Stocks (troy oz)	42,409	-1.4%	▼ 14 Mar 18
Nymex: Platinum \$/troy oz			
Settlement	956.90	0.48%	▲ 15 Mar 18
Stocks (troy oz)	185,787	-0.11%	▼ 14 Mar 18
Comex: Silver cents/troy oz	·		
Settlement	1,635.30	-0.5%	▼ 15 Mar 18
Openinterest	203,158	3.8%	▲ 14 Mar 18
SHANGHAI FUTURES			
	Price	Change [†]	Assessed
Aluminium yuan/tonne	13,910	0%	16 Mar 18
Copper yuan/tonne	51,860	2.31%	▲ 16 Mar 18
Nickel cathode yuan/tonne	104,030	2.45%	▲ 16 Mar 18
Tin ingot yuan/tonne	147,300	0.55%	▲ 16 Mar 18
Zinc yuan/tonne	24,890	0.83%	▲ 16 Mar 18
Steel rebar month 1 yuan/tonne	3,842	-1.23%	▼ 16 Mar 18
Steel rebar month 2 yuan/tonne	3,737	-3.44%	▼ 16 Mar 18
Steel rebar month 3 yuan/tonne	3,700	-1.02%	▼ 16 Mar 18
Weekly stocks deliverable			
Aluminium (tonnes)	934,216	10.31%	▲ 16 Mar 18
Copper (tonnes)	296,994	10.78%	▲ 16 Mar 18
Nickel cathode (tonnes)	50,646	-6.25%	▼ 16 Mar 18
Tin ingot (tonnes)	5,048	-3.79%	▼ 16 Mar 18
Zinc (tonnes)	157,548	1.99%	▲ 16 Mar 18
Steel rebar (tonnes)	32,135	22.47%	▲ 16 Mar 18

- 17.A	100	1	LAN	In the same	

London forward LME settlement prices. All prices per tonne, unless otherwise stated, in LME warehouse, EU duty, if any paid for buyers account

	Price	Change [†]	Assessed
Aluminium high grade \$			
Cash official	2,068-2,069	-0.47% ▼	16 Mar 18
Cash unofficial	2,061-2,063	-1.2% ▼	15 Mar 18
3 months official	2,088-2,088.5	-0.5% ▼	16 Mar 18
3 months unofficial	2,081-2,083	-1.19% ▼	15 Mar 18
LME Tapo notional average price (NAP)	2,106.09	-0.91% ▼	15 Mar 18
LME stocks (tonnes)	1,306,150	-0.43% ▼	15 Mar 18
Aluminium alloy (A380.1/DIN/D12S)\$			
LME cash official	1,840-1,850	-0.27% ▼	16 Mar 18
LME cash unofficial	1,821-1,831	-1.32% ▼	15 Mar 18
LME 3 months official	1,850-1,860	-0.27% ▼	16 Mar 18
LME 3 months unofficial	1,830-1,840	-1.34% ▼	15 Mar 18
LME stocks (tonnes)	12,760	0%	15 Mar 18

	Convright @ 2	2002-2018 Me	tal Rulletin
	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,806-1,808	1.15%	16 Mar 18
LME cash unofficial	1,801-1,811	-1.04% ▼	15 Mar 18
LME 3 months official	1,835-1,845	1.38%	16 Mar 18
LME 3 months unofficial	1,830-1,840	-1.08% ▼	15 Mar 18
LME stocks (tonnes)	179,960	-0.7% ▼	15 Mar 18
Copper grade A \$			
LME cash official	6,922.5-6,923	1.7%	16 Mar 18
LME cash unofficial	6,868.5-6,870.5	1.13%	15 Mar 18
LME 3 months official	6,950-6,951	1.64% ▲	16 Mar 18
LME 3 months unofficial	6,902-6,904	1.08%	15 Mar 18
LME Tapo notional average price (NAP)	6,882.27	0.09%	15 Mar 18
LME stocks (tonnes)	321,450	3.32%	15 Mar 18
Lead \$			
LME cash official	2,415-2,416	2.72%	16 Mar 18
LME cash unofficial	2,396-2,398	2.55%	15 Mar 18
LME 3 months official	2,416-2,417	2.87%	16 Mar 18
LME 3 months unofficial	2,391-2,393	2.31%	15 Mar 18
LME stocks (tonnes)	130,650	-0.67% ▼	15 Mar 18
Nickel\$			
LME cash official	13,730-13,740	2.96% ▲	16 Mar 18
LME cash unofficial	13,505-13,525	2.74%	15 Mar 18
LME 3 months official	13,790-13,800	3.04%	
LME 3 months unofficial	13,560-13,580	2.73%	15 Mar 18
LME stocks (tonnes)	324,894	-1.25% ▼	15 Mar 18
Tin \$,		
LME cash official	21,025-21,050	-1.46% ▼	16 Mar 18
LME cash unofficial	21,050-21,100	-1.98% ▼	15 Mar 18
LME 3 months official	20,900-20,910	-1.66% ▼	16 Mar 18
LME 3 months unofficial	20,975-21,025	-1.98% ▼	15 Mar 18
LME stocks (tonnes)	1,660	6.75%	15 Mar 18
Zinc special high grade \$			
LME cash official	3,284-3,285	2.14%	16 Mar 18
LME cash unofficial	3,204.5-3,206.5		15 Mar 18
LME 3 months official	3,270-3,271	1.76%	16 Mar 18
LME 3 months unofficial	3,208-3,210	-0.37% ▼	15 Mar 18
LME stocks (tonnes)	206,125	1.75%	15 Mar 18
Cobalt min 99.3%	200,120	1.70%	10 1010
LME cash official	88,000-88,500	4.75%	16 Mar 18
LME 3 months official	88,500-89,000	5.34%	16 Mar 18
LME stocks (tonnes)	562	3.12%	15 Mar 18
Molybdenum \$			
LME cash official	20,000-22,000	13.51%	16 Mar 18
LME 3 months official	20,000-22,000	13.51%	16 Mar 18
LME stocks (tonnes)	0	0%	15 Mar 18
. ()			

† week-on-week change

continued >

1,320.05 1,318.75 1,318.75	0.05% -0.17% -0.17%	A	16 Mar 18 15 Mar 18	MB BASE METAL PREMIUMS All prices \$/tonne unless otherwise stated *MB Copyright				
1,318.75	-0.17%	▼		,				
1,318.75	-0.17%	▼		*MB Copyright				
			15 Mar 18	,				
1,318.75	-0.17%		45.84 40		Price	Change [†]		Asse
			15 Mar 18	Copper		onungo		71000
				Annual premium 8mm wire rod, cif				
1,179	-1.09%	_	16 Mar 18	Nhava Sheva, \$/tonne	160-190*	-12.5%	▼	03 Ma
1,647.5	-0.06%	<u> </u>	16 Mar 18	Rotterdam, Grade A, cathode, cif,				
1,641.5	-0.44%	•	15 Mar 18	\$/tonne	40.0-47.5*	0%		13 M
				•	E 0 1E 0*	00/		10.14
					5.0-15.0	U%		13 M
987	0.2%		15 Mar 18		60.0-70.0*	4%	A	13 M
957	0.84%	A	15 Mar 18	Grade A, cathode, cif, \$/tonne	66*	5.6%	A	13 M
959	0.52%	A	15 Mar 18	South Korea, copper low-high				
				· · · · · · · · · · · · · · · · · · ·	60.0-65.0*	0%		13 M
21,050	-1.41%	▼	16 Mar 18		62.5*	0%		13 M
					02.3	0 /0		10 101
21,100	-1.63%	▼	16 Mar 18		5.0-10.0*	0%		13 M
45	66.67%	A	16 Mar 18					
				Grade A, cathode, in-warehouse, \$/tonne	72.0-87.0*	2.58%	A	16 M
				Shanghai, copper average premium,				
Aetal Exchange trad	е				81*	1.25%	_	16 M
Price	Change [†]		Assessed		68 0-80 0*	2 07%		16 M
82.334.55	-	•	16 Mar 18		00.0-00.0	2.07 /0	_	10 101
		_	16 Mar 18	Grade A, cathode, cif, \$/tonne	74*	0%		16 M
		<u> </u>	16 Mar 18	MB free market US: High-grade				
				cathode premium indicator, \$/tonne	121.3-132.3*	0%		13 M
				Aluminium				
				Aluminium P1020A, in-whs Rotterdam				
200,010.00	1.0070	_	101010110	duty unpaid, spot low-high, \$/tonne	93.0-103.0*	0%		16 M
				Aluminium P1020A, in-warehouse				
Princ	Channat		Annanad		06*	00/.		16 M
riice	Gilaliye		ASSUSSU		90	U /0		10 101
					100-110*	2.44%	<u> </u>	13 M
				or Busan), spot weighted average, \$/tonne	105*	1.94%	A	13 M
1.2310	0.11%	_	16 Mar 18	Aluminium P1020A, Southeast Asian				
				warrants, in-warehouse, \$/tonne	5.0-15.0*	0%		13 M
1.3947	0.85%	_	15 Mar 18		00.0.100.0*	00/		13 M
106.0650	-0.02%	▼	15 Mar 18		90.0-100.0	U 70		13 101
1.2320	-0.06%	▼	15 Mar 18		94*	0%		13 M
1.1320	0.91%	A	15 Mar 18					
6.3217	-0.16%	▼	15 Mar 18	ports, spot low-high, \$/tonne	120.0-130.0*	8.7%	A	13 M
				Aluminium P1020A, cif main Japanese				
				1 / 1 0 0 / 1	123*	6.03%	<u> </u>	13 M
n :	01 4				0.050*	00/		4.4.8.4
Price	Change [†]		Assessed		2,050^	0%		14 M
					103 0-103 0*	8 99%	A	14 D
-415.27*	-2.82%		16 Mar 18		100.0 100.0	0.0070	_	ן די
-2,631.12*	-3.11%	▼	16 Mar 18	6063 cif Japan, yearly, \$/tonne	140.0-150.0*	-6.45%	▼	12 J
				Aluminium P1020A, in-warehouse				
-104.23*	1.5%	\blacktriangle	16 Mar 18	Rotterdam duty-paid, spot \$/tonne	158.0-168.0*	0%		16 M
-660.40*	1.19%	A	16 Mar 18	Aluminium 6063 extrusion billet,				
				in-whs Rotterdam duty-paid, spot, \$/tonne	340.0-365.0*	0%		02 M
-515.89*	125.55%	•	16 Mar 18	Aluminium P1020A, delivered US	0.105.0.105*	11 760/		10.14
-3,268.65*	124.87%	A	16 Mar 18		0.100-0.195	11./0%	_	13 M
				Paulo region, spot, \$/tonne	300.0-320.0*	6.9%	A	13 M
	01 26%	•	16 Mar 18		520.0	2.270		
-87.08*	31.6070							
-87.08* -551.74*	91.26%	_						
-87.08* -551.74*	90.68%	_	16 Mar 18					
		_						
	959 21,050 21,100 45 Metal Exchange trade Price 82,334.55 24,606.41 28,733.25 39,068.18 163,408.45 250,345.55 Price 1.3958 105.8000 1.2310 1.3947 106.0650 1.2320 1.1320 6.3217 Price -415.27* -2,631.12* -104.23* -660.40*	987 0.2% 957 0.84% 959 0.52% 21,050 -1.41% 21,100 -1.63% 45 66.67% Metal Exchange trade Price Change* 82,334.55 1.54% 24,606.41 -0.6% 28,733.25 2.58% 39,068.18 2% 163,408.45 2.81% 250,345.55 -1.66% Price Change* 1.3958 0.91% 105.8000 -0.98% 1.2310 0.11% 1.3947 0.85% 106.0650 -0.02% 1.2320 -0.06% 1.1320 0.91% 6.3217 -0.16% Price Change* -415.27* -2.82% -2,631.12* -3.11% -104.23* 1.5% -660.40* 1.19%	987 0.2% ▲ 957 0.84% ▲ 959 0.52% ▲ 21,050 -1.41% ▼ 21,100 -1.63% ▼ 45 66.67% ▲ Metal Exchange trade Price Change¹ 82,334.55 1.54% ▲ 24,606.41 -0.6% ▼ 28,733.25 2.58% ▲ 39,068.18 2% ▲ 163,408.45 2.81% ▲ 250,345.55 -1.66% ▼ Price Change¹ 1.3958 0.91% ▲ 105.8000 -0.98% ▼ 1.2310 0.11% ▲ 1.3947 0.85% ▲ 106.0650 -0.02% ▼ 1.2320 -0.06% ▼ 1.1320 0.91% ▲ 6.3217 -0.16% ▼ Price Change¹ -415.27* -2.82% ▼ -2,631.12* -3.11% ▼ -104.23* 1.5% ▲ -660.40* 1.19% ▲	987 0.2% ▲ 15 Mar 18 957 0.84% ▲ 15 Mar 18 959 0.52% ▲ 15 Mar 18 21,050 -1.41% ▼ 16 Mar 18 21,100 -1.63% ▼ 16 Mar 18 45 66.67% ▲ 16 Mar 18 24,606.41 -0.6% ▼ 16 Mar 18 24,606.41 -0.6% ▼ 16 Mar 18 28,733.25 2.58% ▲ 16 Mar 18 29,733.25 2.58% ▲ 16 Mar 18 250,345.55 -1.66% ▼ 16 Mar 18 1.3958 0.91% ▲ 16 Mar 18 1.2310 0.11% ▲ 16 Mar 18 1.2310 0.11% ▲ 16 Mar 18 1.2320 -0.08% ▼ 15 Mar 18 1.2320 -0.06% ▼ 15 Mar 18 1.2320 -0.06% ▼ 15 Mar 18 1.2320 -0.06% ▼ 15 Mar 18 1.3947 0.85% ▲ 15 Mar 18 1.4320 -0.06% ▼ 15 Mar 18	994 2.47%	994	North European warrants, Grade A cathode, in-varehouse, Shonne 5.0-15.0" 0%	994

	ily Number 9	552.1			Copyright © 2	002-2018	Meta	al Bulletii
	Price	Change	Assessed	BASE METALS				
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	185.0-195.0*	0%	13 Mar 18		Price	Change [†]		Assesse
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot	000 0 010 0*	2.450/	10 Mov 10	Alumina MB Chinese free market, metallurgical				
(premium over LME cash), \$/tonne	290.0-310.0*	3.45%	16 Mar 18	grade, delivered duty-paid, yuan/tonne	2,650.0-2,750.0*			15 Mar 1
Lead				Alumina Index fob Australia	375.47*	-0.45%		16 Mar 1
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-15.0*	0%	13 Mar 18	Alumina Index fob Brazil Alumina Index fob Brazil, inferred	11.29*			15 Mar 1
Southeast Asian warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	13 Mar 18	Brazil price \$ per dry metric ton	386.76*			16 Mar 1
USA lead premium 99.97%, delivered	10.0-20.0	0 /0	13 IVIAI 10	Aluminium Shanghai bonded aluminium stocks, tonnes	6 000 9 000*	0%		01 Mar 1
domestic, \$/lb	0.09-0.11*	0%	13 Mar 18	Bauxite	6,000-8,000*	U 70		UTIVIAI
USA lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	13 Mar 18	fob Kamsar, Guinea \$/tonne per dmtu	38*	0%		15 Mar
USA lead premium 99.99%, delivered domestic, cents/lb	11-13*	0%	13 Mar 18	fob Trombetas, Brazil \$/tonne per dmtu	38*	0%		15 Mar 1
Nickel	11 10	070	10 10101	Copper & Brass				
Shanghai, nickel low-high premium,				Producer premium				
99.8% purity in-warehouse, \$/tonne	250.0-280.0*	0%	13 Mar 18	Aurubis European Grade A cathode ex-works \$/tonne	86.0	0%		20 Oct 1
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	265*	0%	13 Mar 18	Codelco: Contract Grade A cathode	88.0	7.32%		27 Oct 1
Shanghai, nickel low-high premium,				(average) Germany: (VDM) Electro, €/tonne	00.0	1.3270	_	27 001 1
99.8% purity, full plate, cif, \$/tonne Shanghai, nickel premium, 99.8%	220.0-250.0*	0%	13 Mar 18	wirebar (DEL):	5,741.8-5,767.0	2.42%	A	14 Mar 1
purity full plate, cif, \$/tonne	235*	0%	13 Mar 18	cathodes: South Africa: Palabora copper rod	5,650.0-5,750.0	1.79%		14 Mar 1
Southeast Asian warrants, min 99.80% full plates, in-warehouse, \$/tonne	120-200*	0%	13 Mar 18	7.90mm, Rand/tonne	94,519.300	-4.18%	▼	01 Mar 1
Southeast Asian warrants, min 99.80%				Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice				
briquettes, in-warehouse, \$/tonne uncut cathodes premium indicator	10-20* 230.0-280.0*	0%	13 Mar 18 13 Mar 18	monthly on 15th and last day of month)	6.86-6.86*	-0.29%	▼	15 Mar
4x4 cathodes premium indicator	360.0-420.0*	0%	13 Mar 18	Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on				
briquettes premium indicator	280.0-310.0*	0%	13 Mar 18	15th and last day of month)	68.60-68.60*	-0.29%	▼	15 Mar
US: melting premium indicator, \$/Ib	0.250-0.380*	0%	06 Mar 18	Shanghai bonded copper stocks, tonnes	490,000-500,000)* 6.45%	A	12 Mar
Tin				Nickel				
MB European free market				Nickel pig iron high grade NPI content				
Spot premium 99.9%, \$/tonne	315-365*	-1.45% ▼	13 Mar 18	10-15% contract price delivered duty-paid	1 000 1 010*	00/		40 M
Spot premium 99.85%, \$/tonne	250-300*	0%	13 Mar 18	China yuan per nickel unit price	1,000-1,010*	0%		13 Mar
United States New York spot, cents/lb	984-985	-2.48% ▼	15 Mar 18	Nickel pig iron high grade NPI content 10-15% spot price China yuan per nickel				
Zinc		<u> </u>		unit price	1,010-1,030*	0%		13 Mar
North European warrants, min 99.995%				Shanghai bonded nickel stocks, tonnes	34,000-39,000*	69.77%		01 Mar
SHG ingots, \$/tonne	80.0-90.0*	0%	13 Mar 18	Nickel ore				
MB EU: Special high grade, fca Rotterdam, \$/tonne	125.0-135.0*	0%	13 Mar 18	Laterite ore with 1.5% nickel content cif China, \$/tonne	35-37*	1.41%	•	13 Mar
				Nickel ore 1.8% basis cif China, 15-20% Fe,				
Malaysia in-warehouse, 99.995% SHG	75.0.00.0*	00/	12 Mor 10					
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	75.0-90.0*	0%	13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne	55-57*	1.82%	A	13 Mar
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium,	75.0-90.0* 75.0-90.0*	0%	13 Mar 18	water content: 30-35%, Si:Mg ratio less	55-57*	1.82%	A	13 Mar
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium,	75.0-90.0*	0%	13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne	55-57* 2,150-2,190	1.82%	A	
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne				water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne			A	14 Mar
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0*	0%	13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC)	2,150-2,190 10-25*	0.93%	A	14 Mar 2
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium,	75.0-90.0* 86*	0%	13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	2,150-2,190 10-25* 10-25*	0.93% 0% 0%	A	14 Mar ² 23 Feb ²
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	2,150-2,190 10-25* 10-25* ng and aggregating	0.93% 0% 0% g premium ii		14 Mar 23 Feb 23 Feb ation. So
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	2,150-2,190 10-25* 10-25* ng and aggregating	0.93% 0% 0% g premium ii		14 Mar 23 Feb 23 Feb ation. So
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne EUROBAT has decided to discontinue collectii it will no longer be able to supply this informa.	2,150-2,190 10-25* 10-25* ng and aggregating	0.93% 0% 0% g premium ii		14 Mar 23 Feb 23 Feb ation. So
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne EUROBAT has decided to discontinue collectivit will no longer be able to supply this information discontinued from the end of 2017.	2,150-2,190 10-25* 10-25* ng and aggregating	0.93% 0% 0% g premium ii		14 Mar 23 Feb 23 Feb ation. So ums will b
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne EUROBAT has decided to discontinue collectii it will no longer be able to supply this informat discontinued from the end of 2017. Zinc Germany: (VDM) virgin, €/tonne UK: Special high grade, delivered	2,150-2,190 10-25* 10-25* 10-25* 10-25 * 10-25 * 10	0.93% 0% 0% g premium is ulletin. The position of the posit	oremit	14 Mar 1 23 Feb 1 23 Feb 1 ation. So ums will b
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne EUROBAT has decided to discontinue collectii it will no longer be able to supply this informat discontinued from the end of 2017. Zinc Germany: (VDM) virgin, €/tonne UK: Special high grade, delivered monthly average price £/tonne	2,150-2,190 10-25* 10-25* ng and aggregating tion to the Metal Bu	0.93% 0% 0% g premium in ulletin. The p	premi	14 Mar 1 23 Feb 1 23 Feb 1 ation. So ums will be
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne EUROBAT has decided to discontinue collective it will no longer be able to supply this informated discontinued from the end of 2017. Zinc Germany: (VDM) virgin, €/tonne UK: Special high grade, delivered monthly average price £/tonne Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	2,150-2,190 10-25* 10-25* 10-25* 10-25 * 10-25 * 10	0.93% 0% 0% g premium is ulletin. The position of the posit	oremit	14 Mar 1 23 Feb 1 23 Feb 1 ation. So ums will bu 14 Mar 1
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne MB US: Special high grade, \$/lb	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne EUROBAT has decided to discontinue collectii it will no longer be able to supply this informat discontinued from the end of 2017. Zinc Germany: (VDM) virgin, €/tonne UK: Special high grade, delivered monthly average price £/tonne Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne Zinc concentrate spot treatment charge (TC) deliverd North China yuan/tonne	2,150-2,190 10-25* 10-25* 10-25* 10-25 and aggregating tion to the Metal But 2,810-2,810 2,710*	0.93% 0% 0% g premium in ulletin. The y 0.36% 2.11%	oremit	14 Mar 1 23 Feb 1 23 Feb 1 ation. So ums will be 14 Mar 1 01 Mar 1 23 Feb 1
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne EUROBAT has decided to discontinue collectii it will no longer be able to supply this informat discontinued from the end of 2017. Zinc Germany: (VDM) virgin, €/tonne UK: Special high grade, delivered monthly average price £/tonne Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne Zinc concentrate spot treatment charge (TC)	2,150-2,190 10-25* 10-25* 10-25* 10 and aggregating tion to the Metal But 2,810-2,810 2,710* 10-30*	0.93% 0% 0% g premium in ulletin. The p 0.36% 2.11%	oremit	
Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 120.0-135.0*	0% 0% 0%	13 Mar 18 13 Mar 18 13 Mar 18	water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne EUROBAT has decided to discontinue collectii it will no longer be able to supply this informatis discontinued from the end of 2017. Zinc Germany: (VDM) virgin, €/tonne UK: Special high grade, delivered monthly average price £/tonne Zinc concentrate spot treatment charge (TC) cleliverd North China yuan/tonne Zinc concentrate spot treatment charge (TC) deliverd North China yuan/tonne	2,150-2,190 10-25* 10-25* 10 and aggregating tion to the Metal But 2,810-2,810 2,710* 10-30* 4,000-4,200*	0.93% 0% 0% g premium in ulletin. The p 0.36% 2.11% 0% 0%	oremit	14 Mar 1 23 Feb 1 23 Feb 1 ation. So ums will be 14 Mar 1 01 Mar 1 23 Feb 1

19 March 2018 Metal Bulletin Da	illy Number 95	52.1			Copyright © 2		Meta	
PRECIOUS METALS				.	Price	Change		Assesse
	Price	Change ^t	Assessed	Gallium	000 050*	0.400/		40 M40
Iridium				MB free market \$/kg	230-250*	2.13%	_	16 Mar 18
MB free market: min 99.9%, \$/troy oz	000 1 000*	40/	1CMov 10	MB China domestic, min 99.99%, yuan/kg	1,500-1,550*	0%		14 Mar 18
in-warehouse Johnson Matthey base price: (unfab)	960-1,060*	1%	16 Mar 18	Germanium				
\$/troy oz (08 hrs)	1,010	1%	16 Mar 18	Germanium dioxide MB free market				
Englehard base price: \$/troy oz	1,010	0%	16 Mar 18	\$/kg	1,000-1,250*	0%		16 Mar 18
Palladium				Germanium metal \$/kg Rotterdam	1,650-1,765*	2.55%	A	16 Mar 18
European free market: min 99.9%,				Germanium metal MB China domestic,	10 700 11 000*	0.450/	_	14 Mov 10
\$/troy oz in-warehouse	987-997*	1.38%	16 Mar 18	min 99.999%, yuan/kg	10,700-11,200*	-0.45%	_	14 Mar 18
Englehard base price: \$/troy oz	997	1.42%	16 Mar 18	Hafnium				
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	996	1.63%	16 Mar 18	Hafnium 1% Zr max, in-warehouse global locations, \$/kg	850-950*	0%		16 Mar 18
	990	1.00 /0	10 Mai 10	Indium				
Platinum European free market: min 00 0%				MB free market \$/kg	320-360*	-0.73%	▼	16 Mar 18
European free market: min 99.9%, \$/troy oz in-warehouse	954-960*	0.37%	16 Mar 18	MB China domestic, min 99.99%				
Englehard base price: \$/troy oz	960	0.42%	16 Mar 18	yuan/kg	2,000-2,100*	0%		14 Mar 18
Johnson Matthey base price: (unfab)				Indium Corp ingots min 99.97% \$/kg			_	
\$/troy oz (08 hrs)	960	0.21%	16 Mar 18	fob	440	-40.94%	_	26 Jun 15
Rhodium				Magnesium			_	
European free market: min 99.9%,		0 =0/		European free market \$ per tonne	2,430-2,550*	-0.4%	<u> </u>	16 Mar 18
\$/troy oz in-warehouse	1,850-1,950*		16 Mar 18	China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,370-2,430*	0.42%	•	16 Mar 18
Englehard base price: \$/troy oz	1,925	3.22%	16 Mar 18	MB Chinese free market min 99% Mg,	2,370-2,430	0.4276	_	10 IVIAI 10
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,900	2.15%	16 Mar 18	ex-works yuan/tonne	14,500-14,800*	1.03%	A	16 Mar 18
Ruthenium	1,500	2.10/0	10 10101	Manganese flake				
European free market: min 99.9%,				MB free market \$/tonne	2,120-2,220*	-1.36%	▼	16 Mar 18
\$/troy oz in-warehouse	185-225*	0%	16 Mar 18	Mercury				
Englehard base price: \$/troy oz	205	2.5%	16 Mar 18	MB free market \$ per flask	2,700-3,000*	-4.2%	▼	16 Mar 18
Johnson Matthey base price: (unfab)				Rhenium in-warehouse Rotterdam dut	v paid			
\$/troy oz (08 hrs)	205	2.5%	16 Mar 18	Metal pellets, min 99.9% \$/lb	621-656*	-0.31%	▼	16 Mar 18
MINODMETALO				APR catalytic grade \$/kg Re	1,450-1,600*	0%		16 Mar 18
MINORMETALS				Selenium				
	Price	Change [†]	Assessed	MB free market \$/lb	22-24.5*	6.9%	A	16 Mar 18
Antimony				MB China domestic, min 99.9%,				
								16 Mar 18
MB free market Regulus, min 99.65%,				yuan/kg	320-335*	3.97%	A	10 IVIAI 10
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam	8,650-8,800*	0%	16 Mar 18	yuan/kg Selenium dioxide, MB China domestic,			A	
max Se 50 ppm, max 100 ppm Bi,	8,650-8,800*			yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg	320-335* 195-200*	3.97%	A	
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,650-8,800* 8,600-8,800*	0%	16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon			_	
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard	8,600-8,800*	0%	16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse	195-200*	0%		16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne				yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne				16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic	8,600-8,800* 53,000-53,500*	0%	16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse	195-200*	0%	V	16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb	8,600-8,800*	0%	16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse	195-200* 2,300-2,350*	-3.12%	V	16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth	8,600-8,800* 53,000-53,500* 1.10-1.30*	0% 0% 37.14%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min	195-200* 2,300-2,350* 2,190-2,225* 143-145*	0% -3.12% 1.49% 0%	▼	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb	8,600-8,800* 53,000-53,500*	0% 0% 37.14%	16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob	195-200* 2,300-2,350* 2,190-2,225*	0% -3.12% 1.49%	V	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%,	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40*	0% 0% 37.14%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min	195-200* 2,300-2,350* 2,190-2,225* 143-145*	0% -3.12% 1.49% 0%	▼	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne	8,600-8,800* 53,000-53,500* 1.10-1.30*	0% 0% 37.14%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob	195-200* 2,300-2,350* 2,190-2,225* 143-145*	0% -3.12% 1.49% 0%	▼	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000*	0% 0% 37.14% 0.95%	16 Mar 18 14 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%,	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74*	0% -3.12% 1.49% 0% -1.23% 4.69%	V	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000*	0% 0% 37.14% 0.95% 0%	16 Mar 18 14 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030*	0% -3.12% 1.49% 0% -1.23%	V	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000*	0% 0% 37.14% 0.95%	16 Mar 18 14 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74*	0% -3.12% 1.49% 0% -1.23% 4.69%	V	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000*	0% 0% 37.14% 0.95% 0%	16 Mar 18 14 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74*	0% -3.12% 1.49% 0% -1.23% 4.69%	V	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000*	0% 0% 37.14% 0.95% 0% 0% 6.45%	16 Mar 18 14 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70%	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47%	V A A	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175*	0% 0% 37.14% 0.95% 0% 0% 6.45%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47%	V A A	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175*	0% 0% 37.14% 0.95% 0% 0% 6.45%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47%	V A A	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175*	0% 0% 37.14% 0.95% 0% 0% 6.45% 1.4% 5.55%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535* 4.80-5.30*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47% -0.98%	V A A	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/lb	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175* 10,500-11,300* 41.70-43*	0% 0% 37.14% 0.95% 0% 0% 6.45% 1.4% 5.55%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535* 4.80-5.30*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47% -0.98%	V A A	16 Mar 18 16 Mar 18 16 Mar 18 12 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/lb MB free market low-grade \$/lb	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175* 10,500-11,300* 41.70-43*	0% 0% 37.14% 0.95% 0% 0% 1.4% 1.4% 4.3%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535* 4.80-5.30*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47% -0.98%	V A A	16 Mar 18 15 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/lb MB free market low-grade \$/lb MB high-grade, weighted average of all confirmed international trades, \$/lb MB low-grade, weighted average of	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175* 10,500-11,300* 41.70-43* 41.20-42.5* 42.92*	0% 0% 37.14% 0.95% 0% 0% 6.45% 1.4% 4.3% 4.3%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535* 4.80-5.30*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47% -0.98%	V A A	16 Mar 18 15 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/lb MB free market low-grade \$/lb MB high-grade, weighted average of all confirmed international trades, \$/lb MB low-grade, weighted average of all confirmed international trades, \$/lb	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175* 10,500-11,300* 41.70-43* 41.20-42.5*	0% 0% 37.14% 0.95% 0% 0% 6.45% 1.4% 4.3% 8%	16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535* 4.80-5.30*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47% -0.98%	V A A	16 Mar 18 15 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/lb MB free market low-grade \$/lb MB high-grade, weighted average of all confirmed international trades, \$/lb MB low-grade, weighted average of all confirmed international trades, \$/lb MB China domestic, min 99.8%	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175* 10,500-11,300* 41.70-43* 41.20-42.5* 42.92* 42.10*	0% 0% 37.14% 0.95% 0% 0% 6.45% 1.4% 4.3% 4.23%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535* 4.80-5.30*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47% -0.98%	V A A	16 Mar 18 15 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/lb MB free market low-grade \$/lb MB high-grade, weighted average of all confirmed international trades, \$/lb MB low-grade, weighted average of all confirmed international trades, \$/lb	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175* 10,500-11,300* 41.70-43* 41.20-42.5* 42.92*	0% 0% 37.14% 0.95% 0% 0% 6.45% 1.4% 4.3% 4.23%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535* 4.80-5.30*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47% -0.98%	V A A	16 Mar 18 15 Mar 18
max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, yuan/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/lb MB high-grade, weighted average of all confirmed international trades, \$/lb MB low-grade, weighted average of all confirmed international trades, \$/lb MB China domestic, min 99.8% yuan/tonne	8,600-8,800* 53,000-53,500* 1.10-1.30* 5.20-5.40* 70,500-71,000* 145-160* 155-175* 10,500-11,300* 41.70-43* 41.20-42.5* 42.92* 42.10*	0% 0% 37.14% 0.95% 0% 0% 6.45% 1.4% 4.3% 4.23% 4.23% 4.67%	16 Mar 18 14 Mar 18 16 Mar 18	yuan/kg Selenium dioxide, MB China domestic, min 98%, yuan/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	195-200* 2,300-2,350* 2,190-2,225* 143-145* 1,980-2,030* 60-74* 510-535* 4.80-5.30*	0% -3.12% 1.49% 0% -1.23% 4.69% 3.47% -0.98%	V A A V	16 Mar 18

Molybdenum molybdic oxide	.54% ▼ .38% ▼ .96% ▼ .7% ▼ .07% ▲ .61% ▲ .39% ▲ .57% ▼	16 Mar 18 15 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	US free market low carbon duty-paid fob Pit US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si 0.05% C - 65% min Cr 0.10% C - 62% min Cr 0.15% C - 60% min Cr Chrome ore \$/tonne Chrome ore \$/tonne Chrome ore cif main Chinese ports South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	Price ttsburgh 1.400-1.480* 2.40-2.45* 2.28-2.35* 2.20-2.25* 244* 340-345*	0.7% 0% 0.65% 0% -0.41%	▲ ▼	15 Mar 1. 15 Mar 1. 15 Mar 1. 15 Mar 1. 16 Mar 1.
Molybdenum molybdic oxide Europe drummed molybdic oxide \$/lb Mo	.54% ▼ .38% ▼ .96% ▼ .7% ▼ .07% ▲ .61% ▲ .39% ▲ .29% ▲	16 Mar 18 15 Mar 18 16 Mar 18 15 Mar 18 14 Mar 18 14 Mar 18	US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si 0.05%C - 65% min Cr 0.10% C - 62% min Cr 0.15% C - 60% min Cr Chrome ore \$/tonne Chrome ore cif main Chinese ports South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	1.400-1.480* 2.40-2.45* 2.28-2.35* 2.20-2.25* 244* 340-345*	0% 0.65% 0%	*	15 Mar 1 15 Mar 1 15 Mar 1
Europe drummed molybdic oxide \$/lb Mo	.38% ▼ .96% ▼ .7% ▼ .07% ▲ .61% ▲ .39% ▲ .87% ▼	15 Mar 18 16 Mar 18 15 Mar 18 14 Mar 18 14 Mar 18	6-8% C basis 60-65% Cr max 2% Si 0.05%C - 65% min Cr 0.10% C - 62% min Cr 0.15% C - 60% min Cr Chrome ore \$/tonne Chrome ore cif main Chinese ports South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	2.40-2.45* 2.28-2.35* 2.20-2.25* 244* 340-345*	0% 0.65% 0%	*	15 Mar 1 15 Mar 1 15 Mar 1
Scanned molybdic oxide \$/lb Mo Ferro-molybdenum Sasis 65% min, in-warehouse Rotterdam (Mg Mo) So free market 65-70% Mo \$/lb warehouse Pittsburgh School of the market 65-70% Mo \$/lb warehouse Pittsburgh School of the market 65-70% Mo \$/lb warehouse Pittsburgh School of the market APT \$/mtu School of th	.38% ▼ .96% ▼ .7% ▼ .07% ▲ .61% ▲ .39% ▲ .87% ▼	15 Mar 18 16 Mar 18 15 Mar 18 14 Mar 18 14 Mar 18	0.10% C - 62% min Cr 0.15% C - 60% min Cr Chrome ore \$/tonne Chrome ore cif main Chinese ports South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	2.28-2.35* 2.20-2.25* 244* 340-345*	0.65%	▼	15 Mar 15 Mar 16 Mar 1
### Company Co		16 Mar 18 15 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	O.15% C - 60% min Cr Chrome ore \$/tonne Chrome ore cif main Chinese ports South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	2.20-2.25* 244* 340-345*	-0.41%	▼	15 Mar 16 Mar
asis 65% min, in-warehouse Rotterdam /kg Mo 30.70-30.90* -0 S free market 65-70% Mo \$/lb - warehouse Pittsburgh 14-14.5* -0 IB Chinese free market concentrate 5% Mo in-warehouse China yuan/mtu 325-334* 0	1.7% ▼ 1.07% ▲ 1.61% ▲ 1.39% ▲ 1.29% ▲	15 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Chrome ore \$/tonne Chrome ore cif main Chinese ports South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	244* 340-345*	-0.41%	<u>`</u>	16 Mar
S free market 65-70% Mo \$/lb	1.7% ▼ 1.07% ▲ 1.61% ▲ 1.39% ▲ 1.29% ▲	15 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Chrome ore cif main Chinese ports South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	340-345*		<u>`</u>	
Stree market 65-70% Mo \$/lb	1.7% ▼ 1.07% ▲ 1.61% ▲ 1.39% ▲ 1.29% ▲	15 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	340-345*		<u>`</u>	
### 14-14.5* -0 ### 14-14.5* -	07% ▲61% ▲39% ▲87% ▼	14 Mar 18 16 Mar 18 14 Mar 18	South African UG2 chrome ore concs, index basis 42% Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	340-345*		<u>`</u>	
### Chinese free market concentrate	07% ▲61% ▲39% ▲87% ▼	14 Mar 18 16 Mar 18 14 Mar 18	Turkish lumpy 40-42% cfr main Chinese ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	340-345*		<u>`</u>	
1,710-1,740 * 2 2,710-1,74		16 Mar 18	ports Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%		4.58%	A	16 Mar
Autopean free market APT \$ mtu	.39% ▲ 0.87% ▼	14 Mar 18	Ferro-manganese basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%		4.58%	_	16 Mar
Stree market ferro-vanadium pentoxide pelivery duty paid consumer plant, st grade, Western Europes % Wish-warehouse Pittsburgh anadium pentoxide min 98%, n-warehouse Rotterdam \$\frac{1}{2}\$ by \$\frac{1}{2}\$ counding yeade bulk \$\frac{1}{2}\$ tonne fob Australia 1,170-1,270 0	.39% ▲ 0.87% ▼	14 Mar 18	basis 78% Mn (scale pro rata) standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	1,070-1,125*			
101 grade, min 88.5% W03, S/mtu fob 18 Chinese free market concentrate 5% W03 in-warehouse China yuan/tonne 114,000-115,000*-0 114,000-11*-0 114,000-115,000*-0 114,000-11*-0 114	D.87% ▼		standard 7.5% C €/tonne US free market 78% Mn standard 7.5%	1,070-1,125*			
101 grade, min 88.5% W03, S/mtu fob 18 Chinese free market concentrate 5% W03 in-warehouse China yuan/tonne 114,000-115,000*-0 11,1000-115,000*-0 11,1000-11,1000-11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,1000-11,1000-11 11,	D.87% ▼		US free market 78% Mn standard 7.5%	1,070-1,123	0%		16 Mar
5% Wo3 in-warehouse China yuan/tonne erro-tungsten asis 75% W min \$/kg W in-warehouse lotterdam duty-unpaid	1.29% 🛕	14 Mar 18			U 70		10 IVIAI
erro-tungsten asis 75% W min \$/kg W in-warehouse totterdam duty-unpaid 42-43* 0 hina export min 75% \$/kg W, fob China 42.5-44.5* -0 anadium erro-vanadium basis 78% min, fob, hina \$/kg V 69-71* 11 erro-vanadium basis 78% min, free elivery duty paid consumer plant, st grade, Western Europe \$/kg V 69-72* 1 Sfree market ferro-vanadium \$/lb n-warehouse Pittsburgh 33-35* 3 anadium pentoxide 98% min, fob, hina \$/lb V205 14.80-16* 7 anadium pentoxide min 98%, n-warehouse Rotterdam \$/lb V205 15-15.5* 4 ircon oundry grade bulk \$/tonne fob ustralia 950-1,000 0 remium bulk \$/tonne fob Australia 1,170-1,270 0 BULK ALLOYS Price Ch erro-Chrome \$/lb Cr hina import charge chrome 50% Cr dex, cif Shanghai, duty-unpaid 1.03* 0 erro-Chrome European Benchmark ndicator, Lumpy Cr charge basis 52% and high carbon), \$ per lb 1.41* -0 pot 6-8% C basis 50% Cr delivered uty paid China yuan/tonne 7,750-8,000* 0 umpy Cr charge basis 52% Cr (and ligh carbon) quarterly 1.18* -15 ligh carbon 6-8.5% C basis 60-70% Cr ax 1.5% Si 1.27-1.42* -2 uropean low carbon in-warehouse	1.29% 🛕	14 Mar 18	- +,g	1,550-1,650*	0%		15 Mar
asis 75% W min \$/kg W in-warehouse otterdam duty-unpaid 42-43* 0 hina export min 75% \$/kg W, fob China 42.5-44.5* -0 anadium erro-vanadium basis 78% min, fob, hina \$/kg V 69-71* 11 erro-vanadium basis 78% min, free elivery duty paid consumer plant, st grade, Western Europe \$/kg V 69-72* 1 S free market ferro-vanadium \$/lb-invarehouse Pittsburgh 33-35* 3 anadium pentoxide 98% min, fob, hina \$/lb V205 14.80-16* 7 anadium pentoxide min 98%, in-warehouse Rotterdam \$/lb V205 15-15.5* 4 ircon oundry grade bulk \$/tonne fob ustralia 950-1,000 0 remium bulk \$/tonne fob Australia 1,170-1,270 0 ULK ALLOYS Price China import charge chrome 50% Cr ddex, cif Shanghai, duty-unpaid 1.03* 0 erro-Chrome \$/lb Cr hina import charge basis 52% and high carbon), \$ per lb 1.41* -0 pot 6-8% C basis 50% Cr delivered utty paid China yuan/tonne 7,750-8,000* 0 umpy Cr charge basis 52% Cr (and ligh carbon) quarterly 1.18* -15 igh carbon 6-8.5% C basis 60-70% Cr 2.30-2.44* 1 uropean low carbon in-warehouse			US free market medium carbon	.,000 .,000	0,0		10 11141
### Additional export min 75% \$/kg W, fob China			duty-paid fob Pittsburgh, 80% min Mn 1.5%				
Initial export min 75% \$/kg W, fob China 42.5-44.5* -0			max C \$/Ib	1.12-1.14*	1.8%	A	15 Mar
Anadium	.57% ▼	16 Mar 18	MB Chinese free market min 65% Mn				
erro-vanadium basis 78% min, fob, hina \$/kg V 69-71* 11 erro-vanadium basis 78% min, free elivery duty paid consumer plant, st grade, Western Europe \$/kg V 69-72* 1 S free market ferro-vanadium \$/lb n-warehouse Pittsburgh 33-35* 3 anadium pentoxide 98% min, fob, hina \$/lb V205 14.80-16* 7 anadium pentoxide min 98%,warehouse Rotterdam \$/lb V205 15-15.5* 4 ircon oundry grade bulk \$/tonne fob ustralia 950-1,000 0 remium bulk \$/tonne fob Australia 1,170-1,270 0 BULK ALLOYS Price Ch erro-chrome \$/lb Cr hina import charge chrome 50% Cr dex, cif Shanghai, duty-unpaid 1.03* 0 erro-Chrome European Benchmark andicator, Lumpy Cr charge basis 52% and high carbon), \$ per lb 1.41* -0 pot 6-8% C basis 50% Cr delivered uty paid China yuan/tonne 7,750-8,000* 0 umpy Cr charge basis 52% Cr (and ligh carbon) quarterly 1.18* -15 ligh carbon 6-8.5% C basis 60-70% Cr 2.30-2.44* 1 uropean low carbon in-warehouse		14 Mar 18	max 7.0% C in-warehouse China	7.300-7.500*	0%		16 Mar
hina \$/kg V 69-71* 11 erro-vanadium basis 78% min, free elivery duty paid consumer plant, st grade, Western Europe \$/kg V 69-72* 1 S free market ferro-vanadium \$/lb-invarehouse Pittsburgh 33-35* 3 anadium pentoxide 98% min, fob, hina \$/lb V205 14.80-16* 7 anadium pentoxide min 98%, invarehouse Rotterdam \$/lb V205 15-15.5* 4 ircon oundry grade bulk \$/tonne fob ustralia 950-1,000 0 remium bulk \$/tonne fob Australia 1,170-1,270 0 ULK ALLOYS Price China import charge chrome 50% Cr idex, cif Shanghai, duty-unpaid 1.03* 0 erro-Chrome European Benchmark indicator, Lumpy Cr charge basis 52% and high carbon), \$ per lb 1.41* -0 pot 6-8% C basis 50% Cr delivered utty paid China yuan/tonne 7,750-8,000* 0 umpy Cr charge basis 52% Cr (and ligh carbon) quarterly 1.18* -15 igh carbon 6-8.5% C basis 60-70% Cr inax 1.5% Si 1.27-1.42* -2 in0% C average 60-70% Cr 2.30-2.44* 1 uropean low carbon in-warehouse			yuan/tonne	7,300-7,300"	U 70		TO IVIAL
erro-vanadium basis 78% min, free elivery duty paid consumer plant, st grade, Western Europe \$/kg V 69-72* 1 IS free market ferro-vanadium \$/Ib 1-warehouse Pittsburgh 33-35* 3 anadium pentoxide 98% min, fob, hina \$/Ib V205 14.80-16* 7 anadium pentoxide min 98%, 15-15.5* 4 ircon oundry grade bulk \$/tonne fob ustralia 950-1,000 0 remium bulk \$/tonne fob Australia 1,170-1,270 0 BULKALLOYS Price Ch erro-chrome \$/Ib Cr hina import charge chrome 50% Cr dex, cif Shanghai, duty-unpaid 1.03* 0 erro-Chrome European Benchmark andicator, Lumpy Cr charge basis 52% and high carbon), \$ per Ib 1.41* -0 pot 6-8% C basis 50% Cr delivered uty paid China yuan/tonne 7,750-8,000* 0 eumpy Cr charge basis 52% Cr (and ligh carbon) quarterly 1.18* -15 ligh carbon 6-8.5% C basis 60-70% Cr 2.30-2.44* 1 uropean low carbon in-warehouse			Manganese ore				
elivery duty paid consumer plant, st grade, Western Europe \$/kg V 69-72* 1 IS free market ferro-vanadium \$/lb n-warehouse Pittsburgh 33-35* 3 anadium pentoxide 98% min, fob, fina \$/lb V205 14.80-16* 7 anadium pentoxide min 98%, 15-15.5* 4 and bulk \$/tonne fob australia 950-1,000 0 aremium bulk \$/tonne fob Australia 1,170-1,270 0 aremium bulk \$.11% 🔺	15 Mar 18	44% Mn, cif Tianjin \$/dmtu of metal contained	8.78*	1.74%	•	16 Mar
st grade, Western Europe \$\(\)respectively \text{69-72*} 1 \text{IS free market ferro-vanadium \$\(\)respectively \text{33-35*} 3 \text{33-35*} \text{33-35*} \text{33-35*} \text{33-35*} \text{33-35*} \text{33-35*} \text{33-35*} \text{34-35*} \text{34-36*} \te				0.70	1.7470	_	10 Widi
Sfree market ferro-vanadium \$/lb anadium pentoxide 98% min, fob, hina \$/lb V205	.44%	16 Mar 18	37% Mn, fob Port Elizabeth \$/dmtu of metal contained	7.52*	-0.66%	▼	16 Mar
warehouse Pittsburgh 33-35* 3 anadium pentoxide 98% min, fob, hina \$/lb V205 14.80-16* 7 anadium pentoxide min 98%,warehouse Rotterdam \$/lb V205 15-15.5* 4 ircon bundry grade bulk \$/tonne fob ustralia 950-1,000 0 remium bulk \$/tonne fob Australia 1,170-1,270 0 ULK ALLOYS Price Ch erro-chrome \$/lb Cr hina import charge chrome 50% Cr ddex, cif Shanghai, duty-unpaid 1.03* 0 erro-Chrome European Benchmark dicator, Lumpy 0, c per lb 1.41* -0 pot 6-8% C basis 50% Cr delivered uty paid China yuan/tonne 7,700-8,200* -1 ontract 6-8% C basis 50% Cr elivered duty paid China yuan/tonne 7,750-8,000* 0 umpy Cr charge basis 52% Cr (and igh carbon) quarterly 1.18* -15 igh carbon 6-8.5% C basis 60-70% Cr iax 1.5% Si 1.27-1.42* -2 uropean low carbon in-warehouse	.4470	TO WIAT TO	Inventories at the main ports of				
anadium pentoxide 98% min, fob, hina \$/lb V205	.82%	15 Mar 18	Tianjin and Qinzhou, million tonnes	2-2.05*	17.39%	•	07 Mar
hina \$/Ib V205			Ferro-nickel				
In-warehouse Rotterdam \$/lb V205	'.69% ▲	15 Mar 18	China premium, 26-32% nickel				
			contained, cif China, \$/tonne	220-350*	9.62%	•	26 Feb
Sult	.1%	16 Mar 18	Ferro-silicon				
SULK ALLOYS Price Ch.			Lumpy basis 75% Si (scale pro rata)				
### Price Ch.			€/tonne	1,650-1,750*	0%		16 Mar
Price Ch. Gerro-chrome \$/lb Cr China import charge chrome 50% Cr ndex, cif Shanghai, duty-unpaid 1.03* 0 Gerro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% and high carbon), \$ per lb 1.41* -0 Goot 6-8% C basis 50% Cr delivered Interval of this yuan/tonne 7,700-8,200* -1 Cellivered duty paid China yuan/tonne 7,750-8,000* 0 Lumpy Cr charge basis 52% Cr (and ligh carbon) quarterly 1.18* -15 Gight carbon 6-8.5% C basis 60-70% Cr Inax 1.5% Si 1.27-1.42* -2 L10% C average 60-70% Cr 2.30-2.44* 1 Guropean low carbon in-warehouse	1%	01 Feb 18	US free market \$/lb in-warehouse				
Ferro-chrome \$/lb Cr Gerro-chrome \$/lb Cr Index, cif Shanghai, duty-unpaid Gerro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% Index Charge basis 50% Index Charge basis 52% Index Charge basis 52% Index Charge basis 52% Index Charge Charge	1%	15 Mar 18	Pittsburgh lumpy basis 75% Si - imported	1.10-1.12*	-0.45%		15 Mar
Ferro-chrome \$/lb Cr Gerro-chrome \$/lb Cr Index, cif Shanghai, duty-unpaid Gerro-Chrome European Benchmark Indicator, Lumpy Cr charge basis 52% Index Charge basis 50% Index Charge basis 52% Index Charge basis 52% Index Charge basis 52% Index Charge Charge			Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,450-1,550*	0%		16 Mar
### Cerro-chrome \$/lb Cr China import charge chrome 50% Cr China import charge basis 52% chard high carbon), \$ per lb 1.41*				1,450-1,550	U 70		10 IVIAI
China import charge chrome 50% Cr ndex, cif Shanghai, duty-unpaid 1.03* 0 Derro-Chrome European Benchmark ndicator, Lumpy Cr charge basis 52% and high carbon), \$ per lb 1.41* -0 Dipot 6-8% C basis 50% Cr delivered luty paid China yuan/tonne 7,700-8,200* -1 Contract 6-8% C basis 50% Cr lelivered duty paid China yuan/tonne 7,750-8,000* 0 Derro-Belivered duty paid China yuan/tonne 7,750-8,000* 0 Derro-Belivered duty paid China yuan/tonne 1.18* -15 Digit carbon 6-8.5% C basis 60-70% Cr 1.27-1.42* -2 Digit carbon 6-8.5% C basis 60-70% Cr 2.30-2.44* 1 Derro-Carbon in-warehouse	ange [†]	Assessed	MB Chinese free market min 75% Si, in-warehouse China, yuan/tonne	6,800-7,300*	0%		16 Mar
ndex, cif Shanghai, duty-unpaid 1.03* 0 erro-Chrome European Benchmark ndicator, Lumpy Cr charge basis 52% and high carbon), \$ per lb 1.41* -0 spot 6-8% C basis 50% Cr delivered luty paid China yuan/tonne 7,700-8,200* -1 contract 6-8% C basis 50% Cr letivered duty paid China yuan/tonne 7,750-8,000* 0 lumpy Cr charge basis 52% Cr (and ligh carbon) quarterly 1.18* -15 ligh carbon 6-8.5% C basis 60-70% Cr nax 1.5% Si 1.27-1.42* -2 l.10% C average 60-70% Cr 2.30-2.44* 1 luropean low carbon in-warehouse				0,000 1,000	0 70		TOWN
erro-Chrome European Benchmark ndicator, Lumpy Cr charge basis 52% and high carbon), \$ per Ib 1.41* -0 spot 6-8% C basis 50% Cr delivered luty paid China yuan/tonne 7,700-8,200* -1 contract 6-8% C basis 50% Cr lelivered duty paid China yuan/tonne 7,750-8,000* 0 .umpy Cr charge basis 52% Cr (and ligh carbon) quarterly 1.18* -15 digh carbon 6-8.5% C basis 60-70% Cr nax 1.5% Si 1.27-1.42* -2 1.10% C average 60-70% Cr 2.30-2.44* 1 suropean low carbon in-warehouse			Silico-manganese				
1.41* -0	1%	16 Mar 18	Lumpy basis 65-75% Mn basis 15-19% Si (scale pro rata) €/tonne	1,025-1,075*	0%		16 Mar
and high carbon), \$ per lb			US free market \$/lb in-warehouse	.,020 1,010	J , J		. o ividi
Spot 6-8% C basis 50% Cr delivered 1,700-8,200 * -1	7%	16 Mar 10	Pittsburgh	0.67-0.69*	-1.45%	▼	15 Mar
ty paid China yuan/tonne 7,700-8,200* -1 contract 6-8% C basis 50% Cr elivered duty paid China yuan/tonne 7,750-8,000* 0 umpy Cr charge basis 52% Cr (and igh carbon) quarterly 1.18* -15 ligh carbon 6-8.5% C basis 60-70% Cr nax 1.5% Si 1.27-1.42* -2 .10% C average 60-70% Cr 2.30-2.44* 1 uropean low carbon in-warehouse	1.7% ▼	16 Mar 18	MB Chinese free market min 65% Mn				
Contract 6-8% C basis 50% Cr	.55% ▼	16 Mar 18	max 17% Si in-warehouse China				
elivered duty paid China yuan/tonne	.00 /0	TO MIGHT TO	yuan/tonne	7,600-8,000*	-3.41%	▼	16 Mar
umpy Cr charge basis 52% Cr (and igh carbon) quarterly 1.18* -15 ligh carbon 6-8.5% C basis 60-70% Cr nax 1.5% Si 1.27-1.42* -2 .10% C average 60-70% Cr 2.30-2.44* 1 uropean low carbon in-warehouse	1%	16 Mar 18	65% min Mn 16% min Si \$/tonne fob	1 000 1 040+	00/		10.84-
igh carbon) quarterly 1.18* -15 ligh carbon 6-8.5% C basis 60-70% Cr 1.27-1.42* -2 .10% C average 60-70% Cr 2.30-2.44* 1 uropean low carbon in-warehouse			India	1,220-1,240*	0%		16 Mar
nax 1.5% Si 1.27-1.42* -2 1.10% C average 60-70% Cr 2.30-2.44* 1 1.00 curopean low carbon in-warehouse	i.11% ▼	01 Jan 18					
.10% C average 60-70% Cr 2.30-2.44* 1 uropean low carbon in-warehouse							
uropean low carbon in-warehouse	1.18% ▼	16 Mar 18					
•	.94% 🔺	09 Mar 18					
.uo /o u max - po /o u 2.33-2.48 1	010/	00.140=40					
	.91% 🔺	09 Mar 18					
ow phosphorous Cr min 65% C max 7% ii max 1% p max 0.015% Ti max 0.05% 1.40-1.45* 0	1%	09 Mar 18					
apan import 8-9% C, basis 60% Cr,	7.0	OJ Mai 10					
apan import 8-9% C, basis 60% Cr, if Japan, duty-unpaid \$/lb contained							
		15 Mar 18					
outh Korea import 8-9% C, basis 60%	1%						
cr, cif South Korea, duty-unpaid	%	45.M 40					
/lb contained chrome 1.01-1.04* 0		15 Mar 18					
	1%						

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Daily Number 9	552.1			Copyright © 2	2002-2018 N	/leta	Bulleti
CARBON STEEL - EUROPE				CARBON STEEL - CIS				
	Price	Change [†]	Assessed		Price	Change [†]		Assesse
Northern Europe imports				CIS exports (Black Sea)				
Metal Bulletin's appraisal of cfr prices fo	or imported, non-EU or	gin, commercial-	quality carbon	Metal Bulletin's appraisal of CIS mills'	prices for export outside	the CIS of com	ımerc	cial-quali
steel, € per tonne cfr main EU port				carbon steel, \$ per tonne fob stowed n	nain Black Sea port			
Rebar	505-520*	0%	14 Mar 18	Billetindex	551*	3.18%	A	12 Mar
Wire rod (mesh quality)	515-540*	0%	14 Mar 18	Slab	580-590*	4.46%	A	12 Mar
Plate (8-40mm)	570-575*	0%	14 Mar 18	Rebar	570-585*	0%		12 Mar
Hot rolled coil	560-570*	0%	14 Mar 18	Wire rod (mesh)	600-630*	0.82%	A	12 Mar
Cold rolled coil	630-650*	0%	14 Mar 18	Heavy plate (10-50mm)	645-660*	0.38%	A	12 Mar
Hot-dip galvanized coil	670-690*	0%	14 Mar 18	Hot rolled coil	610-625*	1.65%	A	12 Mar
Southern Europe imports				Cold rolled coil	650-670*	0.76%	<u> </u>	12 Mar
Metal Bulletin's appraisal of cfr prices fo	or imported, non-EU or	gin, commercial-	quality carbon	CIS domestic				
steel, € per tonne cfr main EU port				Metal Bulletin's appraisal of prices wit		l-quality carbo	on ste	eel of CIS
Rebar	500-510*	0%	14 Mar 18	origin, rubles per tonne, carriage paid	* * *			
Wire rod (mesh quality)	515-540*	0%	14 Mar 18	Rebar	35,000-35,000*	0%		12 Mar
Plate (8-40mm)	560-570*	0%	14 Mar 18	Hot rolled sheet	43,000-45,000*	2.33%		12 Mar
Hot rolled coil	560-570*	0%	14 Mar 18	Cold rolled sheet	47,000-48,950*	1.97%		12 Mar
Cold rolled coil	630-640*	0%	14 Mar 18	Plate	44,000-45,000*	1.37%	A	12 Mar
Hot-dip galvanized coil	680-700*	0%	14 Mar 18	CARBON STEEL - MIDDLE EAST				
Southern Europe exports					Price	Change [†]		Assess
Metal Bulletin's appraisal of Southern E		•		Turkich ovnorte	FIIGE	onanye"		MOSUSS
of commercial-quality carbon steel, € po				Turkish exports		. ,		, ,
Rebar Wire rod (mesh quality)	475-495* 510-520*	0%	14 Mar 18 14 Mar 18	Metal Bulletin's appraisal of Turkish m \$ per tonne fob main Turkish port	ills' prices for export of co	ommercial-qua	ility C	arbon st
	310-320	U /0	14 10101 10	Billet	590-595*	1.28%		15 Mar
Northern Europe domestic		1110.6		Rebar	600-610*	0%		15 Mar
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de		UK) for commer	cial-quality	Wire rod (mesh quality)	615-625*	0%		15 Mar
Rebar	550-570*	0%	14 Mar 18	Merchant bars	620-630*	0%		15 Mar
Wire rod (mesh quality)	550-560*	0.45%		Structural pipe	680-690*	0%		14 Mar
Sections (medium)	645-665*	-0.76% V		Hot rolled coil	660-670*	0%		16 Mar
Beams	610-635*	0%	14 Mar 18	Hot dip galvanized	860-865*	0%		16 Mar
Southern Europe domestic	0.000	070		Turkish domestic				
Metal Bulletin's appraisal of prices with	in the ELL (excluding the	IIK) for commer	nial-quality	Metal Bulletin's appraisal of prices with	hin Turkey for commercia	l-quality carbo	nn ste	el of Turk
carbon steel of EU origin, € per tonne de	, -	ON) for confiner	лаг-чиату	origin, \$ per tonne ex-works	imi rarkoy for commorcia	r quanty our be	11 010	01011411
Rebar	525-545*	0.94%	14 Mar 18	Billet	585-590*	0%		15 Mar
	540-560*		14 Mar 18	Rebar	615-625*	-1.2%	▼	15 Mar
Wire rod (mesh quality)	J -1 0-J00			Wire rod (mesh quality)				
	630-665*	0.39%	14 Mar 18	vvii o i ou (iiiooii quaiity)	635-660*	0%		15 Mar
Wire rod (mesh quality) Sections (medium) Beams			14 Mar 18 14 Mar 18	Hot rolled coil	635-660* 665-670*	0% -1.11%		15 Mar ⁻
Sections (medium)	630-665* 610-635*							16 Mar
Sections (medium) Beams Central Europe domestic € per tonno	630-665* 610-635*			Hot rolled coil	665-670*	-1.11%	▼	16 Mar ⁻ 16 Mar ⁻
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil	630-665* 610-635* e ex-works 560-570*	0.81%	14 Mar 18	Hot rolled coil Cold rolled coil	665-670* 770-780*	-1.11% 0%	V	
Sections (medium) Beams Central Europe domestic € per tonno	630-665* 610-635* e ex-works 560-570*	0.81%	14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized	665-670* 770-780* 850-900*	-1.11% 0% 0.29%	V	16 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350*	0.81%	14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized	665-670* 770-780* 850-900* 915-970*	-1.11% 0% 0.29% 0%	V	16 Mar 16
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350*	0.81% A 0% 0.22% A	14 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports	665-670* 770-780* 850-900* 915-970*	-1.11% 0% 0.29% 0%	V	16 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm)	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570*	-1.11% 0% 0.29% 0%	▼ A reel, \$	16 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port	665-670* 770-780* 850-900* 915-970* imported commercial-qu	-1.11% 0% 0.29% 0% ality carbon st	▼ deel, \$	16 Mar 16 Mar 16 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18 14 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570*	-1.11% 0% 0.29% 0% ality carbon st	▼ A eeel, \$	16 Mar 16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680* 680-700*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640*	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0%	▼ A eeel, \$	16 Mar 16 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wor	630-665* 610-635* e ex-works 560-570*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18 14 Mar 18 14 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690*	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0%	▼ deel, \$	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wor Plate (8-40mm)	630-665* 610-635* e ex-works 560-570* works 2,300-2,350* rks 590-630* 570-590* 650-680* 680-700* rks 580-590*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil UAE imports	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0%	▼ deel, \$	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled (8-40mm) Hot rolled coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680* 680-700* rks 580-590* 560-570*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690*	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0%	▼ A deeel, \$	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Cold rolled coil Cold rolled coil Cold rolled coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680* 680-700* rks 580-590* 560-570* 630-650-8	0.81% 0% 0.22% 0.83% 0% 0% 0% 0% 0% 0% 0%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0% 0%	▲ dieeel, \$	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Cold rolled coil Cold rolled coil Cold rolled coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680* 680-700* rks 580-590* 560-570*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali Billet	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0% 0%	▲ ideal, \$	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar 16 Mar 13 Mar 13 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot rolled coil Hot rolled coil Hot rolled coil Hot-dip galvanized coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680* 680-700* -rks 580-590* 660-570* 630-650* 650-665*	0.81% 0% 0.22% 0.83% 0% 0% 0% 0% 0% 0% 0%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali Billet Rebar	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu 545-550* 615-620*	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0% 0% 0% 9.29%	★ ###################################	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot rolled coil Hot rolled coil Hot rolled coil Hot-dip galvanized coil	630-665* 610-635* e ex-works 560-570*	0.81%	14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali Billet Rebar Hot rolled coil	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu 545-550* 615-620* 620-640*	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0% 0% 0% 9.29% -0.4%	▼	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar 13 Mar 13 Mar 13 Mar
Sections (medium) Beams Central Europe domestic € per tonnoment of the coll Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680* 680-700* -rks 580-590* 660-570* 630-650* 650-665*	0.81% 0% 0.22% 0.83% 0% 0% 0% 0% 0% 0% 0%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu 545-550* 615-620* 620-640* 710-720*	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0% 0% 9.29% -0.4% 0%	▼	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar 16 Mar 13 Mar 13 Mar 13 Mar 13 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil Carbon Steel - North Africa	630-665* 610-635* e ex-works 560-570*	0.81%	14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil Hot dip galvanized coil	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu 545-550* 615-620* 620-640* 710-720* 800-860*	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0% ality carbon st 0% 9.29% -0.4% 0% 3.11%	▼ A ideal, \$ A A	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar 13 Mar 13 Mar 13 Mar 13 Mar 13 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil CARBON STEEL - NORTH AFRICA Algeria imports Metal Bulletin's appraisal of cfr prices for	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680* 680-700* rks 580-590* 650-665*	0.81% 0% 0.22% 0.83% 0% 0% 0% 0% 0% 0% 0% 0% 0% Change [†]	14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil Cold rolled coil Saudi Arabia imports	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu 545-550* 615-620* 620-640* 710-720* 800-860*	-1.11% 0% 0.29% 0% ality carbon st 3.2% 0% 0% ality carbon st 0% 9.29% -0.4% 0% 3.11%	▼ A ideal, \$ A A	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar 13 Mar 13 Mar 13 Mar 13 Mar 13 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil God rolled coil Cold rolled coil Cold rolled coil Algeria imports Metal Bulletin's appraisal of cfr prices for steel, € per tonne cfr main port	630-665* 610-635* e ex-works 560-570*	0.81%	14 Mar 18 14 Mar 18 16 Mar 18 14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil Hot dip galvanized coil Saudi Arabia imports Metal Bulletin's appraisal of prices for	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu 545-550* 615-620* 620-640* 710-720* 800-860*	-1.11%	A A A A A A A A A A A A A	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar 13 Mar 13 Mar 13 Mar 13 Mar 13 Mar
Sections (medium) Beams Central Europe domestic € per tonno Hot rolled coil Poland domestic zloty per tonne ex- Rebar Northern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wor Plate (8-40mm) Hot rolled coil Cold rolled coil Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot rolled coil Hot rolled coil Hot rolled coil Hot-dip galvanized coil	630-665* 610-635* e ex-works 560-570* -works 2,300-2,350* -ks 590-630* 570-590* 650-680* 680-700* rks 580-590* 650-665*	0.81% 0% 0.22% 0.83% 0% 0% 0% 0% 0% 0% 0% 0% 0% Change [†]	14 Mar 18	Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports Metal Bulletin's appraisal of prices for cfr Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil Hot dip galvanized coil Saudi Arabia imports Metal Bulletin's appraisal of prices for cfr	665-670* 770-780* 850-900* 915-970* imported commercial-qu 560-570* 630-640* 685-690* imported commercial-qu 545-550* 615-620* 620-640* 710-720* 800-860* imported commercial-qu	-1.11%	A A A A A A A A A A A A A	16 Mar 16 Mar 16 Mar 16 Mar 15 Mar 16 Mar 16 Mar 16 Mar 13 Mar 13 Mar 13 Mar 13 Mar 13 Mar

	aily Number 9		46		Copyright ©	2002-2010	Wet	al Bulletir
IIAE damaatia	Price	Change	Assessed	CARBON STEEL - NAFTA				
UAE domestic Metal Bulletin's appraisal of prices within a	UAE for commercial-	quality carbon st	eel of UAE	US imports	Price	Change [†]		Assesse
origin, dirhams per tonne ex-works Rebar	2,332-2,340*	0%	13 Mar 18	Metal Bulletin's appraisal of prices for imp	ported, non-Nafta ori	gin, commerc	ial-qu	ality carbo
Iran imports				steel, \$ per short ton cfr port Houston	E76 E00*	00/		07 Mor 1
Metal Bulletin's appraisal of prices quoted	by overseas supplie	rs for commercia	l-quality	Rebar	576-590*	0%		07 Mar 1
carbon steel to Iranian buyers, \$ per tonne	e cfr Iranian northern	ports		Merchant bars Wire rod (low carbon)	640-680* 600-635*	3.12% 0%		02 Mar 1
Cold rolled coil	610-630*	0%	14 Mar 18	Medium sections	700-720*	9.23%	_	01 Mar 1
Hot rolled coil	560-580*	0%	14 Mar 18	Medium plate	760-780*	9.61%	$\overline{}$	07 Mar 1
Iran exports				Hot rolled coil (commodity)	720-745*	6.55%	$\overline{\mathbf{A}}$	07 Mar
Metal Bulletin's appraisal of prices quoted carbon steel to Iranian buyers, \$ per tonne	, ,,	rs for commercia	l-quality	Cold rolled coil	820-830*	4.43%	_	07 Mar
Billet	515-530*	0.67%	14 Mar 18	Hot dipped galvanized 0.012-0.015, G30	980-1,000*	3.12%	•	07 Mar
Slab	545-550*	1.39%	14 Mar 18	ERW linepipe (X42)	880-900*	3.49%	Ŧ	27 Feb 1
Egyptian domestic				OCTG API5CT - casing J55	850-900*	4.17%		27 Feb 1
Metal Bulletin's appraisal of prices within I Egyptian origin, E£ per tonne ex-works				US domestic AMM's appraisal of prices within the USA				
Rebar	12,226-12,900	1.92%	15 Mar 18	Canadian origin, \$ per short ton, delivery	terms as indicated			
Egyptian import				Rebar (fob mill)	640-660*	0%		07 Mar 1
Metal Bulletin's appraisal of prices for imp	orted commercial-q	uality carbon stee	l, \$ per tonne	Wire rod (mesh quality fob mill)	660-660*	4.76%	<u> </u>	14 Mar
<i>cfr main port</i> Billet	550-565*	3.72%	15 Mar 18	Plate (fob mill)	900-900*	2.27%		09 Mar
piller	330-303	3.72%	13 IVIAI 10	Hot rolled sheet index (fob mill)	836-836*	0.53%	<u> </u>	15 Mar
DADDONCTEL LATINAMEDIOA				Cold rolled sheet (fob mill)	980-980*	2.08%		15 Mar
CARBON STEEL - LATIN AMERICA				Hot-dip galvanized (base) Midwest (fob mill)	980-980*	2.08%	•	15 Mar
	Price	Change [†]	Assessed	OCTG API5CT - casing J55 (fob mill)	1,000-1,090*	5.82%	$\bar{}$	27 Feb
Metal Bulletin's appraisal of Latin America commercial-quality carbon steel, \$ per tor Billet Slab, Brazil Rebar			ort 16 Mar 18	Canadian origin, \$ per hundredweight, de Merchant bar 3 x 3 1/4 angle (fob mill)	livery terms as indica 33.25-33.25*	0%		02 Mar
Wire rod mesh quality	560-565*	0%	16 Mar 18	CARBON STEEL - ASIA				
Heavy plate over 10mm	600-610*	0%	16 Mar 18		Price	Change [†]		Assess
Hot rolled coil (dry)	630-635*	0%	16 Mar 18	China exports		onango		1100000
Cold rolled coil	735-745*	1.72%		Metal Bulletin's appraisal of Chinese mills	nriese for avnort of	nommoroial-a	uality	carbon ct
Galvanized coil	800-810*	0%	16 Mar 18	\$ per tonne fob main China port	prices for export of t	Joinnieroiai-y	ианц	υαι υυιί οι
South America imports				Rebar index	567-567*	0.1%	•	16 Mar
Metal Bulletin's appraisal of cfr prices for i	mnorted commercia	al-quality carbon	cteel	Wire rod (mesh quality)	580-605*	-0.84%	▼	13 Mar
\$ per tonne cfr main ports	mportea, commercia	ir quanty carbon	51001,	Heavy plate	595-615*	0.58%	A	13 Mar
Plate	650-660*	-1.5% ▼	7 16 Mar 18	Hot rolled coil index	596-596*	-2.07%	•	16 Mar
Hot rolled coil	640-650*	-3.01% V	16 Mar 18	Cold rolled coil	630-640*	-0.78%	▼	13 Mar
Cold rolled coil	690-700*	-1.77% V	7 16 Mar 18	Galvanized coil 1mm	690-710*	-0.71%	▼	13 Mar
Galvanized coil	750-760*	-1.31% V	7 16 Mar 18	Eastern China domestic				
Argentina domestic \$ per tonne ex-wo		aroial quality oark	on steel \$ ner	Metal Bulletin's appraisal of prices in east Chinese origin, yuan per tonne ex-wareho		ercial-quality c	earbor	steel of 16 Mar
Metal Bulletin's appraisal of prices within a tonne		, ,		Rebar Wire rod (mesh)	3,790-3,850* 3.940-3.980*			
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil	740-745* 850-860*	2.06%	09 Mar 18	Rebar Wire rod (mesh) Sections	3,790-3,850* 3,940-3,980* 4,080-4,150*	-3.77%	Ť	16 Mar
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil Cold rolled coil	740-745* 850-860*	2.06%	09 Mar 18	Wire rod (mesh)	3,940-3,980*	-3.77%		
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil Cold rolled coil Galvanized coil	740-745* 850-860* 1,070-1,170*	2.06% 1 .48% 0 %	09 Mar 18 09 Mar 18 09 Mar 18	Wire rod (mesh) Sections Plate	3,940-3,980* 4,080-4,150*	-3.77% -0.84%	▼	16 Mar
Metal Bulletin's appraisal of prices within onne onne Hot rolled coil Cold rolled coil Galvanized coil Rebar	740-745* 850-860*	2.06% A	09 Mar 18 09 Mar 18	Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm)	3,940-3,980* 4,080-4,150* 4,080-4,200* 3,970-4,010*	-3.77% -0.84% -0.24% 1.14%	▼	16 Mar
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil Gold rolled coil Galvanized coil Rebar Brazil domestic Metal Bulletin's appraisal of prices within	740-745* 850-860* 1,070-1,170* 860-865*	2.06% 1 .48% 0 % 0 %	09 Mar 18 09 Mar 18 09 Mar 18 09 Mar 18	Wire rod (mesh) Sections Plate	3,940-3,980* 4,080-4,150* 4,080-4,200*	-3.77% -0.84% -0.24%	▼ ▼	16 Mar 16 Mar 16 Mar 1
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil Cold rolled coil Galvanized coil Rebar Brazil domestic Metal Bulletin's appraisal of prices within a tonne ex-works	740-745* 850-860* 1,070-1,170* 860-865*	2.06% 1 .48% 0 % 0 %	09 Mar 18 09 Mar 18 09 Mar 18 09 Mar 18	Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Northern China domestic	3,940-3,980* 4,080-4,150* 4,080-4,200* 3,970-4,010* 4,560-4,620* 4,920-5,040*	-3.77% -0.84% -0.24% 1.14% -1.29% -0.3%	* * * * * * *	16 Mar 16 Mar 16 Mar 16 Mar
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil Galvanized coil Rebar Brazil domestic Metal Bulletin's appraisal of prices within a tonne ex-works Hot rolled coil	740-745* 850-860* 1,070-1,170* 860-865* Brazil for commercia 2,500-2,600*	2.06% 1 .48% 0 % 0 % 1 .49% 1 .49% 0 % 1 .40% 	09 Mar 18 09 Mar 18 09 Mar 18 09 Mar 18	Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil	3,940-3,980* 4,080-4,150* 4,080-4,200* 3,970-4,010* 4,560-4,620* 4,920-5,040* where China for comm	-3.77% -0.84% -0.24% 1.14% -1.29% -0.3%	* * * * * * *	16 Mar 16 Mar 16 Mar 16 Mar
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil Cold rolled coil Galvanized coil Rebar Brazil domestic Metal Bulletin's appraisal of prices within a tonne ex-works Hot rolled coil Cold rolled coil	740-745* 850-860* 1,070-1,170* 860-865* Brazil for commercia 2,500-2,600* 2,800-2,900*	2.06%	09 Mar 18 tteel, Reais per 09 Mar 18 09 Mar 18	Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Northern China domestic Metal Bulletin's appraisal of prices in north	3,940-3,980* 4,080-4,150* 4,080-4,200* 3,970-4,010* 4,560-4,620* 4,920-5,040* where China for comm	-3.77% -0.84% -0.24% 1.14% -1.29% -0.3%	* * * * * * *	16 Mar 16 Mar 16 Mar 16 Mar
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil Cold rolled coil Rebar Brazil domestic Metal Bulletin's appraisal of prices within a tonne ex-works Hot rolled coil Cold rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within a tonne ex-works	740-745* 850-860* 1,070-1,170* 860-865* Brazil for commercia 2,500-2,600* 2,800-2,900* 3,000-3,200*	2.06%	09 Mar 18	Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Northern China domestic Metal Bulletin's appraisal of prices in nort Chinese origin (Tangshan), yuan per tonn	3,940-3,980* 4,080-4,150* 4,080-4,200* 3,970-4,010* 4,560-4,620* 4,920-5,040* Them China for comming ex-works 3,590-3,590* Them China for comming the ex-works	-3.77% -0.84% -0.24% 1.14% -1.29% -0.3% ercial-quality -1.1%	▼	16 Mar 16
Metal Bulletin's appraisal of prices within a tonne Hot rolled coil Galvanized coil Rebar Brazil domestic Metal Bulletin's appraisal of prices within a tonne ex-works Hot rolled coil Cold rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within a tonne delivered Rebar	740-745* 850-860* 1,070-1,170* 860-865* Brazil for commercia 2,500-2,600* 2,800-2,900* 3,000-3,200*	2.06%	09 Mar 18	Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Northern China domestic Metal Bulletin's appraisal of prices in nort Chinese origin (Tangshan), yuan per tonn Billet Metal Bulletin's appraisal of prices in nort	3,940-3,980* 4,080-4,150* 4,080-4,200* 3,970-4,010* 4,560-4,620* 4,920-5,040* Them China for comming ex-works 3,590-3,590* Them China for comming the ex-works	-3.77% -0.84% -0.24% 1.14% -1.29% -0.3% ercial-quality -1.1%	▼	16 Mar 1

	Daily Number 95				Copyright © 2	2002-2018 IVI	tai bulletii
Southern China domestic	Price	Change	Assessed	STAINLESS STEEL			
Metal Bulletin's appraisal of prices in so	uthern China for comme	rcial-quality car	hon steel of		Price	Change [†]	Assesse
Chinese origin, yuan per tonne ex-warel		rolar quarity our	3011 31001 01	Asia import			
Rebar	4,000-4,120*	-2.17% ▼	16 Mar 18	\$/tonne cif East Asian port			
Wire rod (mesh)	3,980-4,020*	-1.84% ▼		Grade 304 2mm CR coil 2B	2,170-2,260*	-3.38% ▼	14 Mar 1
Sections	4,200-4,240*	-0.24% ▼		Grade 304 HR sheet	2,130-2,200*	-3.35% ▼	14 Mar 1
Plate	4,300-4,380*	-0.12% ▼		China domestic			
Hot rolled coil (min 2mm)	4,000-4,080*	-0.98% ▼		yuan/tonne, in-warehouse			
Cold rolled coil (0.5 - 2 mm)	4,580-4,700*	-0.43% ▼		Grade 304 2mm CR coil	14,500-15,300*	-0.33% ▼	15 Mar 1
Hot-dip galvanized coil	5.050-5.200*	-0.43 % V		Grade 430 2mm CR coil	9,400-9,500*	0%	15 Mar 1
	3,030-3,200	-0.00 /6 ▼	TO IVIAL TO	EU export			
Southeast Asia imports				€/tonne fob N.European port			
Metal Bulletin's appraisal of prices in So tonne cfr	utheast Asia for comme	rcial-quality carl	oon steel \$ per	Min 100 tonne lot			
	ECE E7E*	0.440/	10 Mov 10	Grade 304 2mm CR sheet	2,353-2,483*	0.62%	. 16 Mar
Billet	565-575*		12 Mar 18	EU domestic	2,000 2,100	0.0270	10111111
Slab (Asia/East Asia)	570-580*	1.77%			•		
Hot rolled coil (Vietnam)	630-640*	-1.17% V		2mm 304 cold rolled stainless sheet, €/tonn		1.4%	. 16 Mar 1
Rebar (Singapore)	565-575*	-2.56% V		N.Europe Base price	1,050-1,130*		
Wire rod (low carbon)	595-605*	0.84%	12 Mar 18	Alloy surcharge	1,303-1,353*	0%	16 Mar
Indian exports				2mm 316 cold rolled stainless sheet, €/tonn		0.000/	40.0
Metal Bulletin's appraisal of Indian mills	' prices for export of con	nmercial-quality	carbon steel,	Base price	1,350-1,430*	0.36%	
\$ per tonne fob main India port				Alloy surcharge	2,011-2,072*	0%	16 Mar
Billet	510-515*	0%	16 Mar 18	304 stainless steel bright bar, €/tonne			
Plate (12-40mm)	590-595*	0%	16 Mar 18	Base price	990-1,040*	1%	
Hot rolled coil (commodity)	670-675*	0%	16 Mar 18	Alloy surcharge	1,590-1,626*	0%	16 Mar
Hot-dip galvanized coil	850-855*	0%	16 Mar 18	US domestic			
Indian imports				AMM's appraisal of prices within the USA fo	r commercial-quali	ty stainless steel	of US or
Metal Bulletin's appraisal of prices for in	nported, non-EU origin,	commercial-qua	lity carbon	Canadian origin, \$ per hundredweight, fob			
steel, \$ per tonne cfr main India port	, ,	•	,	Grade 304 coiled plate	113-113*	3.21%	. 12 Mar
Plate (20-60mm)	650-660*	0%	16 Mar 18	Grade 316 coiled plate	160-160*	5.26% ▲	. 12 Mar 1
Hot rolled coil (commodity)	685-690*	0%	16 Mar 18	Grade 304 cold rolled sheet	130-130*	4.84%	. 12 Mar 1
Hot rolled coil (CR grade)	645-655*	0%	16 Mar 18	Grade 316L cold rolled sheet	174-174*	6.75% ▲	. 12 Mar 1
Cold rolled	660-665*	0%	16 Mar 18	Raw materials index			
Indian domestic				EU domestic stainless steel \$ per tonne			
Metal Bulletin's appraisal of prices within	in India for commercial	auality oarhan at	eel runees ner	304 Europe raw materials index	1,530.73*	-0.05% ▼	12 Mar 1
	ii iiidia ioi commiteiciai-c	juanily Garbon Si					1211101
tonne ex-works				CHINA IRON ORE			12 11101
tonne ex-works Billet	33,000-33,400*	-0.3% ▼	16 Mar 18				12 11101
tonne ex-works Billet Heavy plate	33,000-33,400* 42,500-43,000*	-0.3% ▼ 1.18% ▲	16 Mar 18	CHINA IRON ORE cfr main China port \$ per dry metric tonne	Price	Channe [†]	
tonne ex-works Billet Heavy plate Hot rolled coil	33,000-33,400* 42,500-43,000* 43,750-44,250*	-0.3% ▼ 1.18% ▲ 0%	16 Mar 18 16 Mar 18 16 Mar 18	cfr main China port \$ per dry metric tonne	Price 69.84*	<i>Change</i> [†] -0.36% ▼	Assesse
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000*	-0.3% ▼ 1.18% ▲ 0% 0%	16 Mar 18 16 Mar 18 16 Mar 18	cfr main China port \$ per dry metric tonne Iron ore index (62% Fe)	69.84*	-0.36% ▼	Assesse 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700*	-0.3% ▼ 1.18% ▲ 0% 0% 0%	16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	cfr main China port \$ per dry metric tonne Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe)		_	Assesse 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500*	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0%	16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr	69.84* 117.56*	-0.36% •	Assesse 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700*	-0.3% ▼ 1.18% ▲ 0% 0% 0%	16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe)	69.84*	-0.36% V	Assess i 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500*	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0%	16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr	69.84* 117.56*	-0.36% •	Assessa 16 Mar 1 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500*	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0%	16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/%	69.84* 117.56* 94.64*	-0.36% \ -0.3% \ -3% \	Assessa 16 Mar 1 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000*	-0.3%	16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/%	69.84* 117.56* 94.64*	-0.36% \ -0.3% \ -3% \	Assessa 16 Mar 1 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER*** PRICES	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000*	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0%	16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao	69.84* 117.56* 94.64*	-0.36% \ -0.3% \ -3% \	Assesse 16 Mar 1 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER*** PRICES Region: USA east of the Mississippi	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000*	-0.3%	16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18 16 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao	69.84* 117.56* 94.64* 1.35*	-0.36% \ -0.3% \ \ -3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assessic 16 Mar 1 16 Mar 1 16 Mar 1 28 Feb 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENCHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne)	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000*	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 2.72% ▲ Change [†] 3.97% ▲	16 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne	69.84* 117.56* 94.64* 1.35*	-0.36% \ -0.3% \ \ -0.3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assession 16 Mar 1 16 Mar 1 16 Mar 1 28 Feb 1 Assession
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton)	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 2.72% ▲ Change [†] 3.97% ▲ 3.9% ▲	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao	69.84* 117.56* 94.64* 1.35*	-0.36% \ -0.3% \ \ -3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assession 16 Mar 1 16 Mar 1 16 Mar 1 28 Feb 1 Assession
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne)	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 2.72% ▲ Change [†] 3.97% ▲ 3.9% ▲ 6.68% ▲	16 Mar 18 12 Mar 18 12 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne	69.84* 117.56* 94.64* 1.35*	-0.36% \ -0.3% \ \ -0.3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assession 16 Mar 1 16 Mar 1 16 Mar 1 28 Feb 1 Assession
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/short ton)	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 2.72% ▲ Change [†] 3.97% ▲ 3.9% ▲ 6.68% ▲ 6.71%	16 Mar 18 12 Mar 18 12 Mar 18 12 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe)	69.84* 117.56* 94.64* 1.35*	-0.36% \ -0.3% \ \ -0.3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assession 16 Mar 1 16 Mar 1 16 Mar 1 28 Feb 1 Assession
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne)	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 2.72% ▲ Change* 3.97% ▲ 6.68% ▲ 6.71% ▲ 7.76%	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe)	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87*	-0.36% \ -0.3% \ \ \ -3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assessi 16 Mar 16 Mar 16 Mar 28 Feb
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/short ton)	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 2.72% ▲ Change [†] 3.97% ▲ 3.9% ▲ 6.68% ▲ 6.71%	16 Mar 18 12 Mar 18 12 Mar 18 12 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87*	-0.36% \ -0.3% \ \ -0.3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assessi 16 Mar 16 Mar 16 Mar 28 Feb
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER" PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/metric tonne)	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 2.72% ▲ Change* 3.97% ▲ 6.68% ▲ 6.71% ▲ 7.76%	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87*	-0.36% \ -0.3% \ \ -0.3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assessi 16 Mar 16 Mar 16 Mar 28 Feb Assessi 03 Jan
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER**PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 2.72% ▲ Change* 3.97% ▲ 6.68% ▲ 6.71% ▲ 7.76%	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87*	-0.36% \ -0.3% \ \ -0.3% \ \ \ 3.85% \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Assessi 16 Mar 16 Mar 16 Mar 28 Feb Assessi 03 Jan
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER**PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/metric tonne)	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041 944	-0.3%	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87* Price 220.07-220.07* 205.69-205.69*	-0.36%	### ##################################
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENCHMARKER**PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China Rebar	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041 944 530	-0.3% ▼ 1.18% ▲ 0% 0% 0% 0% 0% 2.72% ▲ Change ^t 3.97% ▲ 3.98 ▲ 6.68% ▲ 6.71% ▲ 7.76% ▲ -3.81% ▼	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87* Price 220.07-220.07* 205.69-205.69* 215.27-215.27*	-0.36%	### ##################################
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENCHMARKER**PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041 944 530 557	-0.3% ▼ 1.18% △ 0% 0% 0% 0% 0% 2.72% △ Change ^t 3.97% △ 3.99% △ 6.68% △ 6.71% △ 7.76% △ -3.81% ▼ -0.36% ▼ -3.24% ▼	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia Hard coking coal fob Australia	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87* Price 220.07-220.07* 205.69-205.69*	-0.36%	Assesse 16 Mar 1 16 Mar 1 16 Mar 1 28 Feb 1 1 Assesse 03 Jan 1 16 Mar 1 1 1 16 Mar 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER**PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate Hot rolled coil Cold rolled coil	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041 944 530 557 538	-0.3% ▼ 1.18% △ 0% 0% 0% 0% 0% 2.72% △ Change ^t 3.97% △ 3.99% △ 6.68% △ 6.71% △ 7.76% △ -3.81% ▼ -0.36% ▼ -3.24%	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia Hard coking coal fob Australia China hard coking coal Shanxi spot	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87* 205.69-205.69* 215.27-215.27* 198.79-198.79*	-0.36%	Assessed 16 Mar 1 16
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER**PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate Hot rolled coil Cold rolled coil Cold rolled coil Cold rolled coil Standard plate Region: World export market	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041 944 530 557 538 630	-0.3%	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia Hard coking coal fob Australia China hard coking coal Shanxi spot market domestic delivered yuan/tonne	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87* 205.69-205.69* 215.27-215.27* 198.79-198.79* 1,500-1,940*	-0.36%	Assesse 16 Mar 1 16 Mar 1 16 Mar 1 28 Feb 1 Assesse 03 Jan 1 16 Mar 1 16 Mar 1 16 Mar 1 16 Mar 1
tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate Hot rolled coil Cold rolled coil	33,000-33,400* 42,500-43,000* 43,750-44,250* 48,500-49,000* 21,300-21,700* 53,000-53,500* 37,600-38,000* Price 969 879 894 811 1,041 944 530 557 538	-0.3% ▼ 1.18% △ 0% 0% 0% 0% 0% 2.72% △ Change ^t 3.97% △ 3.99% △ 6.68% △ 6.71% △ 7.76% △ -3.81% ▼ -0.36% ▼ -3.24% ▼	16 Mar 18 12 Mar 18	Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia Hard coking coal fob Australia China hard coking coal Shanxi spot	69.84* 117.56* 94.64* 1.35* Price 66.87-66.87* 205.69-205.69* 215.27-215.27* 198.79-198.79*	-0.36%	### ##################################

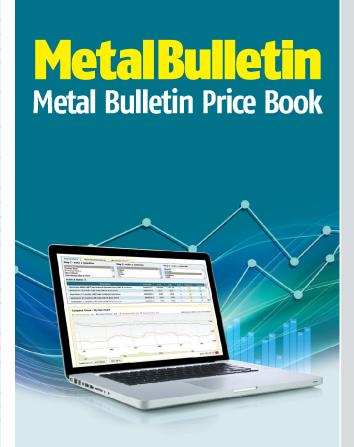
19 March 2018 Metal Bulletin Dai	ily Number 9	552.1			Copyright ©	2002-2018	/letal	Bulletin
FERROUS SCRAP					Price	Change		Assessed
	Price	Change [†]	Assessed	Turkish domestic				
UK ferrous scrap domestic				MB assessment delivered				
The following is Metal Bulletin's evaluation of	of UK prices for pro	ocessed scrap del	ivered to	Melting scrap from shipbreaking			_	
consumers within the month listed. Prices n		•		(\$/tonne)	360-362*			12 Mar 18
should be read in conjunction with editorial	comment on the F	errous scrap page	S.	Auto bundle scrap (Turkish lira/tonne)	1,260-1,420*	0.75%	<u> </u>	12 Mar 18
£/tonne				USA export				
Cut grades				AMM ferrous scrap export index \$/tonne Ea	ast Coast fob New \	'ork		
OA plate and structural	215-240*	15.19%	13 Mar 18	HMS 1&2 (80:20)	327.66*	0%		14 Mar 18
1&2 old steel	195-220*	16.9%	13 Mar 18	Shredded	334.44*	0%		14 Mar 18
12A/C new production heavy and shovellable steel	225-250*	14.46%	. 13 Mar 18	USA domestic AMM Midwest index \$/qross ton delivered a	mill			
12D new production heavy and shovellable steel	230-255*	14.12%	13 Mar 18	No1 heavy melting scrap	330.69*	7.87%	A	12 Mar 18
	230-233	14.12%	13 IVIdi 10	No1 busheling	374.29*	1.27%	A	12 Mar 18
Bales and cuttings	220 255*	14100/ 🛦	12 Mar 10	Shredded	358.53*	8.83%	A	12 Mar 18
4A new steel bales	230-255*	14.12%		China domestic				
4C new steel bales	220-245* 215-245*	14.81% A		yuan/tonne delivered mill				
8A new loose light cuttings				Heavy scrap	2,420-2,590*	-2.34%	▼	16 Mar 18
8B new loose light cuttings	200-230*	16.22%	13 Mar 18	Taiwan import			· ·	
Turnings								
UK inter-merchant 7B heavy steel turnings	175-195*	19.35%	13 Mar 18	\$/tonne cfr main port	205 272*	1 700/		1C Mov 10
Cast iron		10.0070		HMS 1&2 (80:20 mix) (USA material)	365-373*	1.79%	<u> </u>	16 Mar 18
9A/10 heavy and light cast iron	195-220*	16.9%	13 Mar 18	Germany domestic				
9B/C cylinder block scrap	215-240*	15.19%		€/tonne composite sales price ex-yard, sou				
11A cast iron borings	135-155*	20.83%		No E2/8 (new steel scrap)	255.60	-5.54%		01 Feb 18
		20.0070	10 William	No E1 (old steel scrap)	229.90			01 Feb 18
Prices relate to new UK scrap specifications				No E3 (old thick steel scrap)	251.40			01 Feb 18
Please see MB.com for full explanation of pr	rice changes			No E40 (shredded steel scrap)	255.20	-6.49%	▼	01 Feb 18
UK intermerchant weekly price				No E5 (steel turnings)	206.30	-7.32%	▼	01 Feb 18
£/tonne				MB assessment €/tonne delivered at mill				
5C loose old light	105-135*	0%	16 Mar 18	Grade E40 (shredded steel scrap)	285-305	8.26%	A	16 Mar 18
UK ferrous scrap export				No E8 (thin new production steel				
MB assessment \$ fob main UK port				scrap)	280-300	5.45%		16 Mar 18
HMS 1&2 (80:20 mix)	351-353*	0%	16 Mar 18	No E3 (old thick scrap)	280-300	6.42%	<u> </u>	16 Mar 18
Shredded	356-358*	0%	16 Mar 18	Italy domestic				
Indian imports				MB assessment €/tonne delivered at mill				
MB assessment \$/tonnne cfr Nhava Sheva				No E3 (old thick scrap)	260	-10%	▼	21 Feb 18
MB index cfr India shredded	398.95*	0.08%	16 Mar 18	No E8 (thin new production steel)	270	-12.5%	▼	21 Feb 18
HMS 1&2 (80:20 mix)	350-380*	-2.67% ▼						
Alloy steel scrap domestic				SCRAP SUBSTITUTES				
UK wholesale merchants' stainless (£/tonne	1)			COURT CODOTTOTES	Deles	Ohannat		0
18/8 solids	960-1,000*	1.55%	16 Mar 18		Price	Change [†]		Assessed
18/8 turnings	815-850*	1.52%		EU imports \$/tonne				
12-13% Cr solids	230-250*	0%	16 Mar 18	Pig iron imports cif Italy	395-415*		<u> </u>	15 Mar 18
		0%		Latin American exports \$/tonne, delive	ry terms as state	d		
16-17% Cr solids	260-280*	U 70	16 Mar 18	Hot briquetted iron Venezuela	250-260*	0%		16 Mar 18
Cif Europe stainless € per tonne	1 150 1 200*	0.969/	16 Mar 10	Pig iron fob Vitorio/Rio	380-385*	5.52%	A	16 Mar 18
18/8 solids	1,150-1,200*	0.86%		Pig iron fob Ponta da Maderia	390-395*	2.61%	A	16 Mar 18
18/8 turnings	1,035-1,080*	0.95%	16 Mar 18	US imports \$/tonne cfr Gulf of Mexico				
Rotterdam export				Pig iron	400-420*	6.49%	A	16 Mar 18
MB assessment \$/tonnne fob Rotterdam				CIS exports \$/tonne fob main port				
MB index fob Rotterdam HMS 1&2	249 60*	0.000/	16 Mar 10	Pig iron Baltic Sea	405-410*	1.88%	A	15 Mar 18
(80:20)	348.69*	0.08%		Pig iron Black Sea	375-390*	5.52%	A	15 Mar 18
HMS 1&2 (70:30 mix)	344-346*	0%	16 Mar 18	China domestic yuan/tonne delivered v				
Shredded	354-356*	0%	16 Mar 18	Pig iron	3,000-3,050*	0%		16 Feb 18
Turkish import					.,			
MB assessment \$/tonne cfr main Turkish po	orts							
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	367.69*	0%	16 Mar 18					
MB index cfr Turkey HMS 1&2 (80:20)	3003	V , V						
(United States material)	377.71*	0%	16 Mar 18					
HMS 1&2 (75:25 mix)	363-365*	0%	16 Mar 18					
Shredded	383-385*	0%	16 Mar 18					
				† week-on-week change			CO	ntinued >

32 Monday

19 March 2018 Metal Bulletin Dai	ly Number 9	552.1				Copyright ©	2002-2018	l leta	l Bulletin
NON-FERROUS SCRAP EUROPE					STEELBENCHMARKER™ SCRAP PRIC	CES			
	Price	Change [†]		Assessed		Price	Change [†]		Assessed
Aluminium					Region: USA, east of the Mississippi				
European free market MB assessment €/tonr	ne				Shredded scrap (\$/metric tonne) **	359	5.9%	A	12 Mar 18
Floated frag	1,270-1,300*	-0.77%	▼	09 Mar 18	Shredded scrap (\$/gross ton)**	365	5.8%	A	12 Mar 18
Cast	1,180-1,250*	0%		09 Mar 18	No 1 heavy melting scrap (\$/metric				
Mixed turnings 6%	1,100-1,140*	-1.32%	▼	09 Mar 18	tonne)	335	8.06%	A	12 Mar 18
Germany per 1000kg					No 1 heavy melting scrap (\$/gross ton)	340	7.94%		12 Mar 18
Pure cuttings	1,350-1,480	0%		14 Mar 18	No 1 busheling scrap (\$/metric	340	7.9470	_	12 IVIAI 10
Commercial cast	1,240-1,360	0%		14 Mar 18	tonne)	374	-1.32%	▼	12 Mar 18
H9 extrusions	1,680-1,750	-0.87%	▼	14 Mar 18	No 1 busheling scrap (\$/gross ton)	380	-1.3%	▼	12 Mar 18
Alloy turnings	1,020-1,140	0%		14 Mar 18	**For shredded scrap the region is for all bu	it the West Coast			
Source: VDM									
France per 1000kg					UK NON-FERROUS SCRAP				
Pure cuttings	1,530-1,550	-1.6%	▼	13 Mar 18		Price	Change [†]		Assessed
Old rolled	780-820	-1.23%		13 Mar 18	Aluminium - actual price				
Commercial cast	930-980	-5.45%		13 Mar 18	£ per tonne				
Source: Lettre d'Information Metaux					Group 1 pure 99% & Litho	1,410-1,460*	0%		14 Mar 18
Italy per 1000kg					Commercial pure cuttings	1,170-1,220*	0%		14 Mar 18
Pure cuttings	1,090-1,165	0.22%		09 Mar 18	Clean HE9 extrusions	1,410-1,460*	0%		14 Mar 18
Old mixed scrap	1,455-1,515	-0.67%	•	09 Mar 18	Loose old rolled cuttings	880-910*	0%		14 Mar 18
Commercial cast	985-1,030	-0.25%	•	09 Mar 18	Baled old rolled	940-970*	0%		14 Mar 18
Source: Assomet					Commercial cast	1,030-1,080*	0%		14 Mar 18
Copper					Cast wheels	1,270-1,300*	0%		14 Mar 18
Germany per 1000kg					Commercial turnings	700-750*	0%		14 Mar 18
Copper wire (berry)	5,290-5,470	1.13%		14 Mar 18	Group 7 turnings	610-640*	0%		14 Mar 18
Heavy copper	4,820-5,020	2.39%		14 Mar 18	MB and LME aluminium scrap discounts	s			
Heavy brass	3,430-3,490	1.02%		14 Mar 18	£ per tonne				
Brass turnings (MS 58)	3,900-4,000	-1.25%	<u> </u>	14 Mar 18	Group 1 pure 99% & Litho	41-91*	-39.45%	▼	14 Mar 18
Brass sheet (MS 63)	4,100-4,280	0.24%		14 Mar 18	Commercial pure cuttings	281-331*	-12.32%	▼	14 Mar 18
Source: Verein Deutscher Metallhandler					Clean HE9 extrusions	41-91*	-39.45%	▼	14 Mar 18
France per 1000kg					Loose old rolled cuttings	454-484*	-5.25%	▼	14 Mar 18
Electro cuttings	5,200-5,250	3.98%	_	13 Mar 18	Baled old rolled	394-424*	-5.98%	▼	14 Mar 18
No 1 bright wire	4,600-4,650	-1.28%	<u> </u>	13 Mar 18	Commercial cast	284-334*	-7.76%	▼	14 Mar 18
Mixed (96%)	4,550-4,600	-1.08%	<u> </u>	13 Mar 18 13 Mar 18	Cast wheels	64-94*	-24.76%	▼	14 Mar 18
Brass plate cuttings 70/30	3,780-3,800	-1.56%	▼		Commercial turnings	614-664*	-3.91%	▼	14 Mar 18
Brass turnings Mixed brass	3,300-3,350 3,150-3,180	-1.48% -3.36%	*	13 Mar 18 13 Mar 18	Group 7 turnings	724-754*	-3.4%	▼	14 Mar 18
	3,130-3,100	-3.30 /0		13 IVIAI 10	Titanium				
Source: Lettre d'Information Metaux Italy per 1000kg					\$/lb cif				
Electrolytic dd EN 12861-S-Cu-2	5,240-5,400	-0.37%	▼	09 Mar 18	Turnings, unprocessed type 90/6/4	0.05.4*	00/		4454 40
Enamelled wire EN 12861-S-Cu-3	5,118-5,280	-0.38%	Ť	09 Mar 18	(0.5% Sn max)	0.95-1*	0%		14 Mar 18
New from tubes, strips etc EN	3,110 3,200	0.0070		05 WILL 10	Turnings, unprocessed 90/6/4 (over 0.5% max 2% Sn)	0.80-0.90*	0%		14 Mar 18
12861-S-Cu-4	5,142-5,370	-0.38%	▼	09 Mar 18	Copper scrap discount				
Old from tubes, strips etc					cents/lb				
12861-S-Cu-7	4,970-5,140	-0.39%		09 Mar 18	No 2 copper (birch/cliff) imported				
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,260-4,345	-0.92%		09 Mar 18	into China 94-96% cif China	29-31*	0%		26 Feb 18
	3 465-3 795	-1 09%	•	09 Mar 18					
	3,317-3,393	-1.11%		U9 IVIAI 18					
Source: Assomet									
Mixed from valves/taps EN 12861-S-Cu-Zn-6 Several 95% m/m 12861-S-Cu-Zn-7 Source: Assomet	3,465-3,795 3,517-3,595	-1.09% -1.11%	V	09 Mar 18 09 Mar 18		Hillia 34-30 % Cil Cillia	HIIII 34-90% CII GIIIII Z9-51	11111d 34-90% CH CHIIId 29-31 U%	HIIId 34-90% CII CIIIId 29-31 0%
					†week-on-week change			00	ontinued

Copyright © 2002-2018 Metal Bulletin

NON EERDONG FOUNDRY MOOTO	ny [Number 5	· · · · · · · · · · · · · · · · · · ·	
NON-FERROUS FOUNDRY INGOTS			
	Price	Change ^t	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,620-1,670*	0%	14 Mar 18
LM6/LM25 gravity diecasting ingot	1,830-1,870*	0%	14 Mar 18
NB: prices expressed delivered consumer w	orks, LM series as	specified in BS	1490
Aluminium Europe			
MB free market			
Duty paid delivered works pressure			
diecasting ingot price (DIN226/A380) - €/tonne	1 010 1 000*	0.070/	■ 00 Max 10
	1,810-1,860*	-0.27%	▼ 09 Mar 18
Aluminum US \$/Ib delivered Midwest	0.00.4*	00/	4514 40
A380.1 alloy	0.98-1*	0%	15 Mar 18
AFFIMET €/tonne			_
AS12	3,659	-3.43%	▼ 01 Mar 18
AS12 UN	2,935		▼ 01 Mar 18
AS9U3	2,310		▼ 01 Mar 18
AS5 U3	2,660	-1.85%	▼ 01 Mar 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,430-2,530	0%	14 Mar 18
DIN 231	2,510-2,610	0%	14 Mar 18
DIN 311	2,490-2,590	0%	14 Mar 18
Aluminium bronze £/tonne UK			
AB1 ex-works	5,000	0%	13 Mar 18
AB2 ex-works	5,050	0%	13 Mar 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,090	0%	13 Mar 18
High tensile HTB1 ex-works	4,430	0%	13 Mar 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,770	0%	13 Mar 18
LG4 87/7/3/3 ex-works	5,490	0%	13 Mar 18
G1 1.15 PB ex-works	6,080	0%	13 Mar 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,750	0%	13 Mar 18
Source: C.F. Booth Ltd	.,		
Phosphor copper £/tonne			
10% P ex-works	6,300	0%	13 Mar 18
15% P ex-works	6,350	0%	13 Mar 18
Source: C.F. Booth Ltd	2,000	0,0	10 10
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivered)	ed I IK)		
Brock Metal ZL3	2,989	-3.7%	▼ 01 Mar 18
Brock Metal ZL5	3,019		▼ 01 Mar 18
5. CO. MOUNT LLO	0,010	0.0070	· OTIVIALITO



Cutting-edge graphing technology enables you to:

- Track over 950 metals prices with ease
- Quickly analyse and compare prices
- Create sophisticated charts for presentations and reports

Start using your **Price Book** today **www.metalbulletin.com**

34 Monday

19 March 2018 | Metal Bulletin Daily | Number 9552.1

Monthly averages: February

BASE METALS			
		Low	High
Aluminium			
	DA, in-warehouse Rotterdam npaid, spot \$/tonne	99.80	106.80
	DA, in-warehouse Rotterdam		100.00
duty paid, spot \$/		163	172.25
Alumina			
Index fob Australi	a	366.81	
Copper			
US High-grade ca indicator, \$/tonne		121.25	132.28
Nickel			
Free market in wa	rehouse premium		
Europe \$/tonne	Uncut cathodes	220	270
	4x4 cathodes	347.5	420
	Briquettes	270	310
US	Melting \$/lb	0.25	0.38
Tin			
European free ma	rket		
Spot Premium 99	1.9%, \$/tonne	340	382.5
Spot premium 99	.85%, \$/tonne	250	300
Kuala Lumpur (ex	c-smelter), \$/tonne	21,537.78	
una sucre	•		
MINOR METAL	8		
Antimony			
MB free marketRe max Se 50ppm, ir	egulus 99.65%, n warehouse,\$/tonne	8,481.25	8,700

Kuala Lumpur (ex-smelter), \$/tonne	21,537.78	
MINORMETALS		
Antimony		
MB free marketRegulus 99.65%, max Se 50ppm, in warehouse,\$/tonne	8,481.25	8,700
MMTA Standard grade II, \$/tonne	8,400	8,675
Bismuth		
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb	5.02	5.40
Cadmium		
MB free market		
min 99.95%, in warehouse, cents/lb	118.63	130.13
min 99.99%, in warehouse cents/lb	121.38	138.88
Cobalt		
MB free market		
High Grade, in warehouse, \$/Ib	38.09	39.14
Low Grade, in warehouse, \$/lb	37.96	39.05
Germanium Dioxide		
MB free market min 99.99%, \$/kg	968.75	1,218.75
Rotterdam, \$/kg	1,500	1,700
Indium		
MB free market ingots, min 99.97%, in warehouse, \$/kg	305.38	349.75
Magnesium		
MB free market min 99.8%, \$/tonne	2,460	2,560
China free market min 99.8%, \$/tonne	2,450	2,550
Mercury		
MB free market min 99.99%, in warehouse, \$/flask	2,230	3,025

	Copyright © 2002-20	018 Metal Bulletin
	Low	High
Selenium		
MB free market		
min 99.5% in warehouse, \$/lb	19.5	21.44
Silicon		
Grade 441, min 99% Si in-warehouse		
Rotterdam, €/tonne	2,257.5	2,412.5
Titanium		
Ferro-Titanium, 70% (max 4.5% Al),		
d/d Europe, \$/kg	4.80	5.35

ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdic oxide \$/Ib Mo	12.22	12.45
US canned molybdic oxide \$/lb Mo	12.20	12.46
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	30.03	30.41
Tungsten		
European free market APT, \$/mtu	318.5	325.25
Ferro-tungsten		
basis 75% W min, \$/kg	42.19	43.72
Vanadium		
min 98%, in-warehouse Rotterdam, V205, \$/lb	13.28	13.70
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western	50.00	20.00
Europe, \$/kg V	59.60	60.99
US Free market 70-80%, \$/lb	27.63	28.48

PRECIOUS METALS			
Gold			
London \$/troy oz	Morning	1,333.78	
	Afternoon	1,331.53	
London £/troy oz	Morning	953.71	
	Afternoon	953.87	
\$/troy oz	Handy/Harman	1,330.73	
Palladium			
Morning \$/troy oz		1,023.35	
Afternoon \$/troy oz		1,022.45	
Platinum: per troy oz			
Morning \$/troy oz		990.80	
Afternoon \$/troy oz		988.25	
Rhodium			
European free market min 99.9% in-warehouse, \$/troy or	<u>z</u>	1,798.5	1,898.5
Silver			
London			
spot pence/troy oz		1,192.35	
spot cents/troy oz		1,665.93	
Handy/Harman cents/troy oz		1,658.24	

† week-on-week change continued >

35 Monday

19 March 2018 Metal Bulletin Daily Number 9552.1				
FOUNDRY INGOTS				
	Low	High		
Aluminium				
LM24, £/tonne	1,620	1,670		
LM6/LM25, £/tonne	1,822.5	1,862.5		
Aluminium Europe €/tonne	1,833.75	1,875		
Phosphor Bronze				
PB1 ex-works, £/tonne	6,725			
Zinc Alloy				
ZL3, £/tonne	3,104			

EXCHANGE RATES (CLOSING RATES)	
\$/£	1.40
\$/yen	107.87
\$/€	1.23

Copyright © 2002-2018 Metal Bulletin

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

LOND	UNI WI	EIAL	 H = 7∆1	VIGE

High, low and average February (20 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

settlement and 3 months sellers.			
	Jan-Feb 2018	8	February
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	2,123	2,265.5	2,184.59
3 months	2,129.75	2,267.5	2,173.38
Settlement	2,123.5	2,266	2,184.93
3 months seller	2,130	2,268	2,173.83
Copper Grade A (\$)			
Cash	6,754.75	7,202.25	7,001.33
3 months	6,802.5	7,250.5	7,043.75
Settlement	6,755	7,202.5	7,001.80
3 months seller	6,805	7,251	7,044.45
Copper Grade A (£)			
Settlement	4,887.78	5,316.28	5,012.90
3 months seller	4,898.87	5,335.54	5,024.30
Lead (\$)			
Cash	2,510.5	2,682.75	2,580.29
3 months	2,511	2,655.5	2,575.31
Settlement	2,511	2,683	2,580.83
3 months seller	2,512	2,656	2,576.13
Lead (£)			
Settlement	1,810.45	1,928.42	1,847.61
3 months seller	1,798.18	1,915.31	1,837.28
Nickel (\$)			
Cash	12,410	14,145	13,572.75
3 months	12,465	14,190	13,607.88
Settlement	12,415	14,150	13,576.75
3 months seller	12,470	14,200	13,613.25
Tin (\$)			
Cash	19,957.5	22,102.5	21,680.88
3 months	19,912.5	21,907.5	21,537.38
Settlement	19,960	22,105	21,693.5
3 months seller	19,925	21,910	21,548.5

	Copyright © 2002-2018 Metal Bulletin		
	Jan-Feb 2018	Jan-Feb 2018	
	Low	High	average
(4)	\$	\$	\$
Zinc (\$)			
Cash	3,350.25	3,617.5	3,539.35
3 months	3,330.5	3,585.5	3,498.70
Settlement	3,350.5	3,618	3,539.78
3 months seller	3,331	3,586	3,499.40
Cobalt (\$)			
Cash	75,250	81,750	80,875
3 months	75,250	83,250	81,387.5
Settlement	75,500	82,000	81,125
3 months seller	75,500	83,500	81,637.5
Molybdenum (\$)			
Cash	15,750	15,750	15,750
3 months	15,750	15,750	15,750
Settlement	16,000	16,000	16,000
3 months seller	16,000	16,000	16,000
Aluminium Alloy (\$)			
Cash	1,770	1,955	1,825.54
3 months	1,785	1,970	1,838.63
Settlement	1,771	1,960	1,829.88
3 months seller	1,790	1,975	1,843.25
Nasaa (\$)			
Cash	1,767.5	1,915	1,820.25
3 months	1,804.5	1,937.5	1,856.98
Settlement	1,770	1,920	1,821.85
3 months seller	1,807	1,940	1,860.85

1.40
107.93
1.23