5 February 2018 | Metal Bulletin Daily | Number 9546.1

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P	rices

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NEW YORK FUTURES			
	Price	Change <sup>†</sup>	Assessed
Comex: Copper high grade cents/lb			
Settlement	319.70	-0.06%	▼ 01 Feb 18
Openinterest	285,968	2.02%	▲ 31 Jan 18
Stocks (short ton)	222,305	1.16%	▲ 31 Jan 18
Comex: Gold \$/troy oz			
Settlement	1,344.30	-1.33%	▼ 01 Feb 18
Open interest	552,035	-7.68%	▼ 31 Jan 18
Stocks (troy oz)	9,257,855	-0.59%	▼ 31 Jan 18
Nymex: Palladium \$/troy oz			
Settlement	1,024.70	-6.62%	▼ 01 Feb 18
Stocks (troy oz)	40,690	0%	31 Jan 18
Nymex: Platinum \$/troy oz			
Settlement	1,007.80	-2.09%	▼ 01 Feb 18
Stocks (troy oz)	178,810	-0.83%	▼ 31 Jan 18
Comex: Silver cents/troy oz	-,		
Settlement	1,711.80	-2.47%	▼ 01 Feb 18
Open interest	151,708	-26.31%	▼ 31 Jan 18
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SHANGHAI FUTURES			
	Price	Change <sup>†</sup>	Assessed
Aluminium yuan/tonne	14,300	-1.58%	▼ 02 Feb 18
Copper yuan/tonne	53,270	0%	02 Feb 18
Nickel cathode yuan/tonne	101,640	-2.31%	▼ 02 Feb 18
Tin ingot yuan/tonne	142,620	0%	02 Feb 18
Zinc yuan/tonne	26,810	2.41%	▲ 02 Feb 18
Steel rebar month 1 yuan/tonne	3,930	-0.66%	▼ 02 Feb 18
Steel rebar month 2 yuan/tonne	3,941	-0.18%	▼ 02 Feb 18
Steel rebar month 3 yuan/tonne	4,012	0.27%	▲ 02 Feb 18
Weekly stocks deliverable			
Aluminium (tonnes)	795,318	0.55%	▲ 02 Feb 18
Copper (tonnes)	172,595	5.11%	▲ 02 Feb 18
Nickel cathode (tonnes)	56,194	-0.97%	▼ 02 Feb 18
Tin ingot (tonnes)	4,989	8.17%	▲ 02 Feb 18
Zinc (tonnes)	94,769	16.21%	▲ 02 Feb 18
Steel rebar (tonnes)	18,620	3.25%	▲ 02 Feb 18

	LAN	

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 <sup>t</sup>	Assessed
Aluminium high grade \$			
Cash official	2,227-2,228	-0.45%	▼ 02 Feb 18
Cash unofficial	2,223.5-2,225.5	-0.85%	▼ 01 Feb 18
3 months official	2,226-2,227	-0.61%	▼ 02 Feb 18
3 months unofficial	2,224-2,226	-0.98%	▼ 01 Feb 18
LME Tapo notional average price (NAP)	2,218	0.37%	▲ 01 Feb 18
LME stocks (tonnes)	1,077,650	-0.35%	▼ 01 Feb 18
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,870-1,880	3.02%	▲ 02 Feb 18
LME cash unofficial	1,860.5-1,870.5	2.53%	▲ 01 Feb 18
LME 3 months official	1,880-1,890	2.72%	▲ 02 Feb 18
LME 3 months unofficial	1,870-1,880	2.18%	▲ 01 Feb 18
LME stocks (tonnes)	13,480	-3.71%	▼ 01 Feb 18

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	Price	Change	Assessed
N. American special aluminium alloy		3	
LME cash official	1,854-1,855	-1.62% ▼	02 Feb 18
LME cash unofficial	1,858.5-1,868.5	-1.82% ▼	02 Feb 18
LME 3 months official	1,885-1,895	-1.02 % ▼	02 Feb 18
LME 3 months unofficial	1,890-1,900	-1.10 / <b>▼</b>	01 Feb 18
LME stocks (tonnes)	185,720	-0.06% ▼	01 Feb 18
	100,720	-0.00 /0 ▼	0116010
Copper grade A \$ LME cash official	7,065.5-7,066	0.04%	02 Feb 18
LME cash unofficial		-0.66% ▼	02 Feb 18
LME 3 months official	7,055-7,057		
LME 3 months unofficial	7,109-7,110	0.01% ▲ -0.59% ▼	02 Feb 18 01 Feb 18
	7,095-7,097	-0.59% ▼	01 Feb 10
LME Tapo notional average price (NAP)	7,027	-0.79% ▼	01 Feb 18
LME stocks (tonnes)	304,325	-1.55% ▼	01 Feb 18
Lead \$			
LME cash official	2,682.5-2,683	3.04%	02 Feb 18
LME cash unofficial	2,666.5-2,668.5	2.44%	01 Feb 18
LME 3 months official	2,655-2,656	2.02%	02 Feb 18
LME 3 months unofficial	2,652-2,654	1.73%	01 Feb 18
LME stocks (tonnes)	132,325	-4.03% ▼	01 Feb 18
Nickel\$			
LME cash official	13,790-13,795	0.35%	02 Feb 18
LME cash unofficial	13,700-13,710	-0.02% ▼	01 Feb 18
LME 3 months official	13,820-13,830	0.42%	02 Feb 18
LME 3 months unofficial	13,740-13,750	0.05%	01 Feb 18
LME stocks (tonnes)	353,592	-2.26% ▼	01 Feb 18
Tin\$			
LME cash official	21,765-21,770	-1.07% ▼	02 Feb 18
LME cash unofficial	21,725-21,750	1.2%	01 Feb 18
LME 3 months official	21,550-21,560	-0.9% ▼	02 Feb 18
LME 3 months unofficial	21,550-21,575	1.35%	01 Feb 18
LME stocks (tonnes)	1,930	5.75%	01 Feb 18
Zinc special high grade \$			
LME cash official	3,576.5-3,577	1.45%	02 Feb 18
LME cash unofficial	3,579.5-3,581.5	2.65%	01 Feb 18
LME 3 months official	3,525-3,527	1.28%	02 Feb 18
LME 3 months unofficial	3,530-3,532	2.2%	01 Feb 18
LME stocks (tonnes)	168,800	-5.18% ▼	01 Feb 18
Cobalt min 99.3%			
LME cash official	80,250-80,750	0.63%	02 Feb 18
LME 3 months official	80,500-81,000	0.94%	02 Feb 18
LME stocks (tonnes)	544	-0.91% ▼	01 Feb 18
Molybdenum \$			
LME cash official	15,500-16,000	0%	02 Feb 18
LME 3 months official	15,500-16,000	0%	02 Feb 18
LME stocks (tonnes)	0	0%	01 Feb 18

†week-on-week change

continued >

Gold \$/troy oz	Dul							_
	Price	Change		Assessed	MB BASE METAL PREMIUMS			
London morning	1,345	-0.69%	•	02 Feb 18	All prices \$/tonne unless otherwise stated			
London afternoon	1,331.15	-1.63%	Ť	02 Feb 18	*MB Copyright			
Handy/Harman	1,341.35	-1%	Ť	01 Feb 18		Price	Change <sup>†</sup>	
Silver per troy oz	1,011.00	170		0110010	Copper			
London spot pence	1,205	-1.31%	•	02 Feb 18	Annual premium 8mm wire rod, cif			
London spot cents	1,713.5	-1.52%	Ť	02 Feb 18	Nhava Sheva, \$/tonne	160-190*	-12.5%	•
Handy/Harman	1,712.5	-2.5%	<b>T</b>	01 Feb 18	Rotterdam, Grade A, cathode, cif, \$/tonne	45.0-50.0*	0%	
Palladium \$/troy oz					North European warrants, Grade A	40.0-00.0	0 70	
ondon morning	1,031	-6.78%	•	01 Feb 18	cathode, in-warehouse, \$/tonne	5.0-15.0*	0%	
London afternoon	1,039	-5.55%	▼	01 Feb 18	Leghorn, copper low-high premium,			
Platinum \$/troy oz					Grade A, cathode, cif, \$/tonne	57.5-62.5*	0%	
ondon morning	997	-2.25%	$\blacksquare$	01 Feb 18	Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne	60*	0%	
ondon afternoon	996	-2.35%	▼	01 Feb 18	South Korea, copper low-high			
Kuala Lumpur tin market					premium, Grade A, cathode, cif, \$/tonne	60.0-65.0*	0%	
Tin \$/tonne	21,450	1.04%	$\blacktriangle$	02 Feb 18	South Korea, copper average premium,		00/	
CDX					Grade A, cathode, cif, \$/tonne	62.5*	0%	_
Tin PB300 settlement price \$/tonne	21,500	0.82%	•	02 Feb 18	Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	
Tin PB300 volume, tonnes	18	50%	$\blacktriangle$	02 Feb 18	Shanghai, copper low-high premium,			
					Grade A, cathode, in-warehouse, \$/tonne	68.0-78.0*	2.1%	<b>A</b>
RAND FIXING PRICES					Shanghai, copper average premium,	70*	0.000/	
Rand fixing prices per tonne for London M	letal Exchange trad	е			Grade A, cathode, in-warehouse, \$/tonne	72*	2.86%	_
	Price	Change <sup>t</sup>		Assessed	Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne	62.0-75.0*	1.48%	
Copper	84,138.40	0.09%	$\blacktriangle$	02 Feb 18	Shanghai, copper average premium,			
Aluminium	26,529.91	-0.39%	▼	02 Feb 18	Grade A, cathode, cif, \$/tonne	67*	1.52%	<b>A</b>
_ead	31,947.82	3.09%	<b>A</b>	02 Feb 18	MB free market US: High-grade	101 0 100 0*	A FE0/	
Zinc	42,593.13	1.5%	<u> </u>	02 Feb 18	cathode premium indicator, \$/tonne	121.3-132.3*	4.55%	_
Vickel	164,263.96	0.38%	<b>A</b>	02 Feb 18	Aluminium			
- Tin	259,226.28	-1.01%	•	02 Feb 18	Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne	98.0-105.0*	0%	
EXCHANGE RATES					Aluminium P1020A, in-warehouse			
EXCHANGE RATES					Rotterdam duty unpaid, spot weighted	100#	1 000/	
	Price	Change <sup>†</sup>		Assessed	average, \$/tonne	103*	1.98%	
.ME settlement conversion rates			_	005.1.0	Aluminium P1020A, cif Korea (Gwangyang or Busan), spot low-high, \$/tonne	90-105*	0%	
5/£	1.4218	-0.18%	<u> </u>	02 Feb 18	Aluminium P1020A, cif Korea (Gwangyang			
5/¥ 5/€	1.2490	0.55%	<u> </u>	02 Feb 18 02 Feb 18	or Busan), spot weighted average, \$/tonne	97*	0%	
	1.2490	0.3970	_	02 FED 10	Aluminium P1020A, Southeast Asian	F 0 00 0*	00/	
Closing rates, midpoint	1 4000	0.400/	_	01 Fab 10	warrants, in-warehouse, \$/tonne	5.0-20.0*	0%	
S/E S/¥	1.4236	-0.46% 0.63%	<u>*</u>	01 Feb 18 01 Feb 18	Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	90.0-100.0*	0%	
5/€	1.2471	-0.26%	•	01 Feb 18	Aluminium P1020A, cif Shanghai, spot			
5/€ 	1.1416	-0.2%	ઁ	01 Feb 18	weighted average, \$/tonne	95*	0%	
S/CNY	6.2958	-0.62%	Ť	01 Feb 18	Aluminium P1020A, cif main Japanese	05.0-110.0*	00/	
	1.2000	3.0270		2.70010	ports, spot low-high, \$/tonne Aluminium P1020A, cif main Japanese	95.0-110.0*	0%	
					ports, spot weighted average, \$/tonne	102*	2%	_
BASE METALS ARBITRAGE					Aluminium ingot ADC 12 spot, main			
	Price	Change <sup>†</sup>		Assessed	Japanese ports, \$/tonne	2,040*	1.99%	<u> </u>
Aluminium					Aluminium P1020A, cif main Japanese ports, quarterly, \$/tonne	103.0-103.0*	8.99%	_
mport arbitrage, \$/tonne	-497.53*	4.6%	<b>A</b>	02 Feb 18	Aluminium extrusion billet premium	103.0-103.0	0.55%	_
mport arbitrage, RMB/tonne	-3,131.84*	3.81%	<b>A</b>	02 Feb 18	6063 cif Japan, yearly, \$/tonne	140.0-150.0*	-6.45%	▼
Copper					Aluminium P1020A, in-warehouse			
mport arbitrage, \$/tonne	-56.75*	-13.9%	▼	02 Feb 18	Rotterdam duty-paid, spot \$/tonne	163.0-170.0*	0.91%	<u> </u>
mport arbitrage, RMB/tonne	-357.23*	-14.55%	•	02 Feb 18	Aluminium 6063 extrusion billet,	340 0-265 0*	0%	
lickel					in-whs Rotterdam duty-paid, spot, \$/tonne Aluminium P1020A, delivered US	340.0-365.0*	0%	
mport arbitrage, \$/tonne	-839.61*	61.99%	<b>A</b>	02 Feb 18	midwest, spot, \$/lb	0.110-0.118*	3.41%	_
mport arbitrage, RMB/tonne	-5,285.15*	60.76%	_	02 Feb 18	Aluminium P1020A, delivered Sao			
Zinc					Paulo region, spot, \$/tonne	250.0-260.0*	8.51%	<u> </u>
	-150.61*	-0.86%	▼	02 Feb 18				
mport arbitrage, \$/tonne								
	-948.06*	-1.61%	▼	02 Feb 18				

Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne  Lead North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	<b>Price</b> 170.0-180.0*	Change	Assessed	BASE METALS				
oorts duty-unpaid, spot, \$/tonne Aluminium 6063 + 6060 extrusion oillet, cif Brazilian main ports, spot premium over LME cash), \$/tonne  .ead North European warrants, min 99.97% ngots, in-warehouse, \$/tonne	170.0-180.0*							
Aluminium 6063 + 6060 extrusion billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne Lead North European warrants, min 99.97% ngots, in-warehouse, \$/tonne	170.0 100.0	6.06% ▲	30 Jan 18		Price	Change <sup>†</sup>		Assess
oillet, cif Brazilian main ports, spot premium over LME cash), \$/tonne Lead North European warrants, min 99.97% ngots, in-warehouse, \$/tonne		0.0070		Alumina				
<b>Lead</b> North European warrants, min 99.97% ngots, in-warehouse, \$/tonne				MB Chinese free market, metallurgical				
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	280.0-300.0*	0%	19 Jan 18	grade, delivered duty paid, RMB/tonne	2,800.0-2,900.0*	* 0%		01 Feb
ngots, in-warehouse, \$/tonne				Alumina Index fob Australia	384.16*	0.49%	<b>A</b>	01 Feb
-				Alumina Index fob Brazil	9.55*			01 Feb
	10.0-15.0*	0%	30 Jan 18	Alumina Index fob Brazil, inferred				
Southeast Asian warrants, min 99.97%	45.0.00.0*	00/	00 1 10	Brazil price \$ per dry metric ton	393.71*			01 Feb
ingots, in-warehouse, \$/tonne	15.0-20.0*	0%	30 Jan 18	Bauxite				
USA lead premium 99.97%, delivered domestic, \$/lb	0.09-0.11*	0%	30 Jan 18	fob Kamsar, Guinea \$/tonne per dmtu	38*	0%		01 Feb
USA lead premium 99.97%, delivered				fob Trombetas, Brazil \$/tonne per dmtu	38*	0%		01 Feb
domestic, cents/lb	9-11*	0%	30 Jan 18	Copper & Brass				
USA lead premium 99.99%, delivered				Producer premium				
domestic, cents/lb	11-13*	0%	30 Jan 18	Aurubis European Grade A cathode				
Nickel				ex-works \$/tonne	86.0	0%		20 Oct
Shanghai, nickel low-high premium,				Codelco: Contract 2016 Grade A	00.0	7.000/		07.0
99.8% purity in-warehouse, \$/tonne	270.0-290.0*	0%	30 Jan 18	cathode (average)	88.0	7.32%	_	27 Oct
Shanghai, nickel average premium, 99.8% purity in-warehouse, \$/tonne	280*	0%	30 Jan 18	Germany: (VDM) Electro, €/tonne wirebar (DEL):	5,769.1-5,794.2	1.27%	•	31 Jan
Shanghai, nickel low-high premium,	200	U /0	JUJAII 10	cathodes:	5,760.0-5,800.0	0.78%	_	31 Jan
99.8% purity, full plate, cif, \$/tonne	240.0-270.0*	0%	30 Jan 18	South Africa: Palabora copper rod	5,700.0-3,000.0	0.7070	_	o i Jall
Shanghai, nickel premium, 99.8%				7.90mm, Rand/tonne	98,647.640	-3.39%	▼	01 Feb
purity full plate, cif, \$/tonne	255*	0%	30 Jan 18	Copper concentrate Asia-Pacific				
Southeast Asian warrants, min 99.80%				Index RC import, US cents/lb (twice			_	
full plates, in-warehouse, \$/tonne	120-200*	0%	30 Jan 18	monthly on 15th and last day of month)	7.16-7.16*	-11.6%	<b>Y</b>	31 Jan
Southeast Asian warrants, min 99.80%	40.00#	00/	001 40	Copper concentrate Asia-Pacific				
briquettes, in-warehouse, \$/tonne	10-20*	0%	30 Jan 18	Index TC import, \$/dmt (twice monthly on 15th and last day of month)	71.60-71.60*	-11.6%	▼	31 Jan
uncut cathodes premium indicator	220.0-270.0*	0%	30 Jan 18	Shanghai bonded copper stocks, tonnes	450,000-460,000		<u> </u>	29 Jan
4x4 cathodes premium indicator	345.0-420.0*	0%	30 Jan 18	Nickel	100,000 100,000	0.0170	•	20 0411
briquettes premium indicator	270.0-310.0*	-1.69% <b>▼</b>	30 Jan 18					
	0.250-0.370*	0%	30 Jan 18	Nickel pig iron high grade NPI content 10-15% contract price delivered duty paid				
US: melting premium indicator, \$/Ib								30 Jan
Tin				China RMB per nickel unit price	970-990*	0%		
				Nickel pig iron high grade NPI content	970-990*	0%		
Tin	310-340*	0%	30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel				
Tin MB European free market Spot premium 99.9%, \$/tonne	310-340* 250-300*	0%	30 Jan 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price	990-1,010*	0%		
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne				Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price Nickel ore				
Tin MB European free market	250-300*	0%	30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel	990-1,010*	0%		30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%	250-300* 1,009-1,010	0% 0.5% <b>^</b>	30 Jan 18 01 Feb 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne				30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne	250-300*	0%	30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel	990-1,010*	0%		30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca	250-300* 1,009-1,010 80.0-90.0*	0% 0.5% <b>A</b> 0%	30 Jan 18 01 Feb 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe,	990-1,010*	0%		30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca  Rotterdam, \$/tonne	250-300* 1,009-1,010	0% 0.5% <b>^</b>	30 Jan 18 01 Feb 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore  Laterite ore with 1.5% nickel content cif China, \$/tonne  Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less	990-1,010* 34-36*	0%		30 Jan 30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  Malaysia in-warehouse, 99.995% SHG	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0*	0% 0.5% <b>^</b> 0%	30 Jan 18 01 Feb 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore  Laterite ore with 1.5% nickel content cif China, \$/tonne  Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne	990-1,010* 34-36*	0%		30 Jan 30 Jan 30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne	250-300* 1,009-1,010 80.0-90.0*	0% 0.5% <b>A</b> 0%	30 Jan 18 01 Feb 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore  Laterite ore with 1.5% nickel content cif China, \$/tonne  Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne	990-1,010*  34-36*  50-52*  2,240-2,280	0%		30 Jan 30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne  Singapore, zinc low-high premium,	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0*	0% 0.5% <b>^</b> 0%	30 Jan 18 01 Feb 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore  Laterite ore with 1.5% nickel content cif China, \$/tonne  Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne	990-1,010*  34-36*  50-52*  2,240-2,280	0%		30 Jan 30 Jan 30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium,	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0* 75.0-85.0*	0% 0.5% <b>^</b> 0% 0%	30 Jan 18 01 Feb 18 30 Jan 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore  Laterite ore with 1.5% nickel content cif China, \$/tonne  Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  European automotive battery premium free	990-1,010*  34-36*  50-52*  2,240-2,280	0% 0% 0%		30 Jan 30 Jan 30 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  Malaysia in-warehouse, 99.995% SHG ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium,	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0* 75.0-85.0*	0% 0.5% <b>^</b> 0% 0%	30 Jan 18 01 Feb 18 30 Jan 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore  Laterite ore with 1.5% nickel content cif China, \$/tonne  Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  European automotive battery premium free in-warehouse Rotterdam €/tonne	990-1,010*  34-36*  50-52*  2,240-2,280  market (Eurobat)	0% 0% 0%		30 Jan 30 Jan 30 Jan 31 Jan
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca  Rotterdam, \$/tonne  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,	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0* 75.0-85.0* 75.0-85.0*	0% 0.5% ▲ 0% 0% 0% 0%	30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore  Laterite ore with 1.5% nickel content cif China, \$/tonne  Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  European automotive battery premium free in-warehouse Rotterdam €/tonne  Soft lead (average)	990-1,010*  34-36*  50-52*  2,240-2,280  market (Eurobat)	0% 0% 0% 0%		30 Jan 30 Jan 30 Jan 31 Jan 01 Dec
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  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	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0* 75.0-85.0*	0% 0.5%	30 Jan 18 01 Feb 18 30 Jan 18 30 Jan 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore  Laterite ore with 1.5% nickel content cif China, \$/tonne  Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne  Lead Germany: (VDM) virgin soft, €/tonne  European automotive battery premium free in-warehouse Rotterdam €/tonne  Soft lead (average)  Ca/Ca grid grid lead (average)	990-1,010*  34-36*  50-52*  2,240-2,280  market (Eurobat)  152.98*  438.17*  580.46*	0% 0% 0% -1.33% -0.37% 0.27%	▼	30 Jan 30 Jan 30 Jan 31 Jan 01 Dec 01 Dec
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  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 low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium,	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0* 75.0-85.0* 80* 135.0-145.0*	0% 0.5% ▲ 0% 0% 0% 0% -2.44% ▼	30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne  Lead Germany: (VDM) virgin soft, €/tonne  European automotive battery premium free in-warehouse Rotterdam €/tonne  Soft lead (average)  Ca/Ca grid grid lead (average)  Connector lead (average)  For an explanation of these premiums, see ht	990-1,010*  34-36*  50-52*  2,240-2,280  market (Eurobat)  152.98*  438.17*  580.46*	0% 0% 0% -1.33% -0.37% 0.27%	▼	30 Jan 30 Jan 30 Jan 31 Jan 01 Dec 01 Dec
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  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 low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0* 75.0-85.0* 80* 135.0-145.0* 138.0-145.0*	0% 0.5% ▲  0% 0% 0% 0% -2.44% ▼ 0% -1.43% ▼	30 Jan 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne  Lead Germany: (VDM) virgin soft, €/tonne  European automotive battery premium free in-warehouse Rotterdam €/tonne  Soft lead (average)  Ca/Ca grid grid lead (average)  Connector lead (average)  For an explanation of these premiums, see ht Zinc	990-1,010*  34-36*  50-52*  2,240-2,280  market (Eurobat)  152.98* 438.17* 580.46*  ttp://www.eurobat.com/	0%  0%  0%  -1.33%  -0.37%  0.27%  org/statistics	<b>*</b>	30 Jan 30 Jan 30 Jan 31 Jan 01 Dec 01 Dec
Tin  MB European free market  Spot premium 99.9%, \$/tonne  Spot premium 99.85%, \$/tonne  United States New York spot, cents/lb  Zinc  North European warrants, min 99.995%  SHG ingots, \$/tonne  MB EU: Special high grade, fca Rotterdam, \$/tonne  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,	250-300* 1,009-1,010 80.0-90.0* 135.0-145.0* 75.0-85.0* 80* 135.0-145.0*	0% 0.5% ▲ 0% 0% 0% 0% -2.44% ▼	30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18 30 Jan 18	Nickel pig iron high grade NPI content 10-15% spot price China RMB per nickel unit price  Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne  Lead Germany: (VDM) virgin soft, €/tonne  European automotive battery premium free in-warehouse Rotterdam €/tonne  Soft lead (average)  Ca/Ca grid grid lead (average)  Connector lead (average)  For an explanation of these premiums, see ht	990-1,010*  34-36*  50-52*  2,240-2,280  market (Eurobat)  152.98*  438.17*  580.46*	0%  0%  0%  -1.33%  -0.37%  0.27%  org/statistics	▼	30 Jan 30 Jan 30 Jan 31 Jan 01 Dec 01 Dec

5 February 2018   Metal Bulletin I PRECIOUS METALS					Copyright © 2	Change		Assesse
PREGIOUS ME TALS		01 4		Gallium	riice	Guanye		ASSUSSU
	Price	Change <sup>†</sup>	Assessed	MB free market \$/kg	185-220*	8%	•	02 Feb 18
Iridium				MB China domestic, min 99.99%,			_	
MB free market: min 99.9%, \$/troy oz in-warehouse	925-1.025*	0%	02 Feb 18	RMB/kg	1,200-1,300*	8.7%	<b>A</b>	31 Jan 18
Johnson Matthey base price: (unfab)				Germanium				
\$/troy oz (08 hrs)	970	0%	02 Feb 18	Germanium dioxide MB free market				
Englehard base price: \$/troy oz	990	0%	02 Feb 18	\$/kg	950-1,200*	4.88%	<u> </u>	02 Feb 18
Palladium				Germanium metal \$/kg Rotterdam	1,450-1,650*	1.64%		02 Feb 18
European free market: min 99.9%,				Germanium metal MB China domestic, min 99.999%, RMB/kg	10,500-11,000*	4.88%	•	31 Jan 18
\$/troy oz in-warehouse	1,031-1,047*	-5.59% <b>▼</b>	02 Feb 18	Hafnium	10,000 11,000	4.00 /0	_	01041110
Englehard base price: \$/troy oz	1,046	-5.25% ▼	02 Feb 18	Hafnium 1% Zr max, in-warehouse				
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,047	-5.33% ▼	02 Feb 18	global locations, \$/kg	850-950*	0%		02 Feb 18
Platinum	1,047	0.0070 ¥	0210010	Indium				
European free market: min 99.9%,				MB free market \$/kg	295-336*	4.99%	•	02 Feb 18
\$/troy oz in-warehouse	996-1,009*	-1.76% ▼	02 Feb 18	MB China domestic, min 99.99% RMB/kg	1,800-1,850*	-1.35%	▼	31 Jan 18
Englehard base price: \$/troy oz	1,009	-0.79% ▼	02 Feb 18	Indium Corp ingots min 99.97% \$/kg				
Johnson Matthey base price: (unfab)				fob	440	-40.94%	▼	26 Jun 15
\$/troy oz (08 hrs)	1,006	-1.85% ▼	02 Feb 18	Magnesium				
Rhodium				European free market \$ per tonne	2,460-2,560*	6.81%	<b>A</b>	02 Feb 18
European free market: min 99.9%,				China free market min 99.8% Mg, fob				
\$/troy oz in-warehouse	1,800-1,900*	9.14%	02 Feb 18	China main ports, \$ per tonne	2,450-2,550*	2.04%		02 Feb 18
Englehard base price: \$/troy oz	1,850	7.87%	02 Feb 18	MB Chinese free market min 99% Mg, ex-works RMB/tonne	15,000-15,300*	0%		02 Feb 18
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,860	8.77%	02 Feb 18	Manganese flake	13,000-13,000	0 70		0216010
Ruthenium	1,000	0.7770	0210010	MB free market \$/tonne	2,000-2,090*	1.24%		02 Feb 18
European free market: min 99.9%,					2,000-2,090	1.24 70	_	02 Feb 10
\$/troy oz in-warehouse	180-220*	2.56%	02 Feb 18	Mercury	0.000.0.000*	11 700/		00 Fab 10
Englehard base price: \$/troy oz	195	0%	02 Feb 18	MB free market \$ per flask	2,230-2,800*	11.78%	_	02 Feb 18
Johnson Matthey base price: (unfab)				Rhenium in-warehouse Rotterdam duty		00/		00 5-5-40
\$/troy oz (08 hrs)	195	0%	02 Feb 18	Metal pellets, min 99.9% \$/lb	700-750*	0%		02 Feb 18
MINORMETALO				APR catalytic grade \$/kg Re	1,450-1,600*	0%		02 Feb 18
MINORMETALS				Selenium	10.00.5*	0.00/		00 5-5-40
	Price	Change <sup>†</sup>	Assessed	MB free market \$/Ib	19-20.5*	2.6%		02 Feb 18
Antimony				MB China domestic, min 99.9%, RMB/kg	270-300*	0%		02 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi,				Selenium dioxide, MB China domestic, min 98%, RMB/kg	180-190*	0%		02 Feb 18
IIIAX SE SU DDIII, IIIAX TUU DDIII DI.			02 Feb 18	Silicon				
\$/tonne in-warehouse Rotterdam	8,300-8,500*	0.6%	0216010	00				
\$/tonne in-warehouse Rotterdam	8,300-8,500*	0.6%	0216010	Grade 441 min 99% Si in-warehouse				
	8,300-8,500* 8,300-8,500*	0.6% ▲ 0.6% ▲	02 Feb 18	Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,215-2,325*	0%		02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard	8,300-8,500*	0.6%	02 Feb 18	Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse				
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne				Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	2,150-2,200*	0%		02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic	8,300-8,500* 52,000-52,500*	0.6%	02 Feb 18 31 Jan 18	Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb			<b>A</b>	
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb	8,300-8,500*	0.6%	02 Feb 18	Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min	2,150-2,200* 140-142*	0% 2.55%		02 Feb 18 10 Jan 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth	8,300-8,500* 52,000-52,500* 0.90-1.25*	0.6% <b>^</b> 0%	02 Feb 18 31 Jan 18 02 Feb 18	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	2,150-2,200*	0%	<b>A</b>	02 Feb 18 10 Jan 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb	8,300-8,500* 52,000-52,500*	0.6%	02 Feb 18 31 Jan 18	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	2,150-2,200* 140-142* 1,980-2,020*	0% 2.55% 1.52%		02 Feb 18 10 Jan 18 02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%,	8,300-8,500* 52,000-52,500* 0.90-1.25* 5-5.40*	0.6% <b>^</b> 0% 0%	02 Feb 18 31 Jan 18 02 Feb 18	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	2,150-2,200* 140-142*	0% 2.55%		02 Feb 18 10 Jan 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/tonne	8,300-8,500* 52,000-52,500* 0.90-1.25*	0.6% <b>^</b> 0%	02 Feb 18 31 Jan 18 02 Feb 18	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	2,150-2,200* 140-142* 1,980-2,020*	0% 2.55% 1.52%		02 Feb 18 10 Jan 18 02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/tonne  Cadmium	8,300-8,500* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000*	0.6%	02 Feb 18  31 Jan 18  02 Feb 18  02 Feb 18  02 Feb 18	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%,	2,150-2,200* 140-142* 1,980-2,020* 35-50*	0% 2.55% 1.52%		02 Feb 18 10 Jan 18 02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/tonne  Cadmium  MB free market min 99.95% cents/lb	8,300-8,500* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000*	0.6%	02 Feb 18  31 Jan 18  02 Feb 18  02 Feb 18  02 Feb 18	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%, RMB/kg	2,150-2,200* 140-142* 1,980-2,020* 35-50*	0% 2.55% 1.52%		02 Feb 18 10 Jan 18 02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb	8,300-8,500* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000*	0.6%	02 Feb 18  31 Jan 18  02 Feb 18  02 Feb 18  02 Feb 18	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%, RMB/kg Titanium	2,150-2,200* 140-142* 1,980-2,020* 35-50*	0% 2.55% 1.52%		02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium	8,300-8,500* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000*	0.6%	02 Feb 18  31 Jan 18  02 Feb 18  02 Feb 18  02 Feb 18	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%, RMB/kg  Titanium MB free market ferro-titanium 70%	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*	0% 2.55% 1.52% 0% 6.74%		02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb	8,300-8,500* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 97-105* 99-110*	0.6%	02 Feb 18  31 Jan 18  02 Feb 18  02 Feb 18  02 Feb 18	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%, RMB/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,	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*	0% 2.55% 1.52% 0% 6.74%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/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	8,300-8,500* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000*	0.6%	02 Feb 18	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%, RMB/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	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*	0% 2.55% 1.52% 0% 6.74%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/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	8,300-8,500*  52,000-52,500*  0.90-1.25*  5-5.40*  71,000-72,000*  97-105*  99-110*	0.6%	02 Feb 18	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%, RMB/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	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*  770-850	0% 2.55% 1.52% 0% 6.74%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/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	8,300-8,500*  52,000-52,500*  0.90-1.25*  5-5.40*  71,000-72,000*  97-105*  99-110*  9,000-9,700*  37.5-38.5*	0.6%	02 Feb 18	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%, RMB/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	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*	0% 2.55% 1.52% 0% 6.74%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/Ib  Bismuth  MB free market \$/Ib  MB China domestic, min 99.99%, RMB/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 \$/Ib  MB free market low-grade \$/Ib	8,300-8,500*  52,000-52,500*  0.90-1.25*  5-5.40*  71,000-72,000*  97-105*  99-110*	0.6%	02 Feb 18	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%, RMB/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	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*  770-850	0% 2.55% 1.52% 0% 6.74%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18 01 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/Ib  Bismuth  MB free market \$/Ib  MB China domestic, min 99.99%, RMB/tonne  Cadmium  MB free market min 99.95% cents/Ib  MB free market min 99.99% cents/Ib  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt  MB free market high-grade \$/Ib	8,300-8,500*  52,000-52,500*  0.90-1.25*  5-5.40*  71,000-72,000*  97-105*  99-110*  9,000-9,700*  37.5-38.5*	0.6%	02 Feb 18	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%, RMB/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 bulk conc min 54% Tio2 fob/	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*  5-5.5*  770-850 710-770	0% 2.55% 1.52% 0% 6.74% 0%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18 01 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/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	8,300-8,500*  52,000-52,500*  0.90-1.25*  5-5.40*  71,000-72,000*  97-105*  99-110*  9,000-9,700*  37.5-38.5*  37.25-38.5*	0.6%	02 Feb 18	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%, RMB/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 bulk conc min 54% Tio2 fob/	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*  770-850 710-770	0% 2.55% 1.52% 0% 6.74% 0%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18 01 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/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	8,300-8,500*  52,000-52,500*  0.90-1.25*  5-5.40*  71,000-72,000*  97-105*  99-110*  9,000-9,700*  37.5-38.5*  37.25-38.5*	0.6%	02 Feb 18	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%, RMB/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 bulk conc min 54% Tio2 fob/	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*  770-850 710-770	0% 2.55% 1.52% 0% 6.74% 0%		02 Feb 18 10 Jan 18 02 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/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%  MB China domestic, min 99.8%	8,300-8,500*  52,000-52,500*  0.90-1.25*  5-5.40*  71,000-72,000*  97-105*  99-110*  9,000-9,700*  37.5-38.5*  37.97*  38.41*	0.6%	02 Feb 18	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%, RMB/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 bulk conc min 54% Tio2 fob/	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*  770-850 710-770	0% 2.55% 1.52% 0% 6.74% 0%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18 01 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/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% RMB/tonne	8,300-8,500* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 97-105* 99-110* 9,000-9,700* 37.5-38.5* 37.25-38.5* 37.97*	0.6%	02 Feb 18	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%, RMB/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 bulk conc min 54% Tio2 fob/	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*  770-850 710-770	0% 2.55% 1.52% 0% 6.74% 0%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18 01 Feb 18
\$/tonne in-warehouse Rotterdam  MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, RMB/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%  MB China domestic, min 99.8%	8,300-8,500*  52,000-52,500*  0.90-1.25*  5-5.40*  71,000-72,000*  97-105*  99-110*  9,000-9,700*  37.5-38.5*  37.97*  38.41*	0.6%	02 Feb 18	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%, RMB/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 bulk conc min 54% Tio2 fob/	2,150-2,200* 140-142* 1,980-2,020* 35-50* 450-500*  770-850 710-770	0% 2.55% 1.52% 0% 6.74% 0%		02 Feb 18 10 Jan 18 02 Feb 18 02 Feb 18 02 Feb 18 31 Jan 18 01 Feb 18

5 February 2018   Metal Bulletin D	eary reciline				.,,	2002-2018 Me	
NOBLE ALLOYS & ORES				Chrome ore \$/tonne	Price	Change	Assessed
	Price	Change <sup>t</sup>	Assessed	Chrome ore cif main Chinese ports			
Molybdenum molybdic oxide				South African UG2 chrome ore concs,			
Europe drummed molybdic oxide \$/lb Mo	11.60-12*	-2.48%	7 02 Feb 18	index basis 42%	225*	3.21%	26 Jan 18
US canned molybdic oxide \$/lb Mo	11.90-12.20*	-1.43%		Turkish lumpy 40-42% cfr main Chinese	205 225*	1 F40/ A	00 Fab 10
Ferro-molybdenum				ports	325-335*	1.54%	02 Feb 18
Basis 65% min. in-warehouse Rotterdam				Ferro-manganese basis 78% Mn (scale pro rata)			
\$/kg Mo	29.70-30*	-1.73% <b>T</b>	7 02 Feb 18	standard 7.5% C €/tonne	1,070-1,125*	0%	02 Feb 18
US free market 65-70% Mo \$/lb in-warehouse Pittsburgh	13-13.65*	-0.37%	01 Feb 18	US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,500-1,600*	0%	01 Feb 18
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,610-1,650*	0%	31 Jan 18	US free market medium carbon duty			
Tungsten	1,010-1,030	0 70	31341110	paid fob Pittsburgh, 80% min Mn 1.5% max C \$/Ib	1.08-1.10*	0%	01 Feb 18
European free market APT \$/mtu	317-325*	1.1%	02 Feb 18	MB Chinese free market min 65% Mn	1.00 1.10	0 /0	0110010
Export from mainland China APT Chinese	317-323	1.170	0216010	max 7.0% C in-warehouse China			
No1 grade, min 88.5% W03, S/mtu fob	316-318*	1.12%	31 Jan 18	RMB/tonne	7,300-7,500*	-0.67% ▼	02 Feb 18
MB Chinese free market concentrate				Manganese ore			
65% Wo3 in-warehouse China RMB/tonne	110,000-111,00	00* 0.45%	31 Jan 18	44% Mn, cif Tianjin \$/dmtu of metal contained	6.95*	1.16%	26 Jan 18
Ferro-tungsten				37% Mn, fob Port Elizabeth \$/dmtu of	0.55	1.1070	20001110
Basis 75% W min \$/kg W in-warehouse Rotterdam duty unpaid	41-43.75*	3.48%	02 Feb 18	metal contained	6.09*	3.05%	26 Jan 18
China export min 75% \$/kg W, fob China	41.5-44.5*	7.9%		Inventories at the main ports of			
Vanadium	11.0 11.0	1.070	01001110	Tianjin and Qinzhou, million tonnes	1.60-1.70*	-1.49% <b>▼</b>	24 Jan 18
Ferro-vanadium basis 78% min, free				Ferro-nickel			
delivery duty paid consumer plant,				China premium, 26-32% nickel contained, cif China, \$/tonne	170-350*	0%	29 Jan 18
1st grade, Western Europe \$/kg V	57.5-59*	-1.44%	02 Feb 18		170-350	U 70	29 Jan 10
US free market ferro-vanadium \$/lb	26 70 27 5*	00/	01 Feb 18	Ferro-silicon			
in-warehouse Pittsburgh	26.70-27.5*	0%	0176010	Lumpy basis 75% Si (scale pro rata) €/tonne	1,670-1,750*	-1.16% ▼	02 Feb 18
Vanadium pentoxide min 98%, in-warehouse Rotterdam \$ per lb V205	13-13.5*	0%	02 Feb 18	US free market \$/lb in-warehouse			
Zircon				Pittsburgh lumpy basis 75% Si -	1 10 1 10*	0.450/	0.4 5 1 .40
Foundry grade bulk \$/tonne fob				imported	1.10-1.13*	0.45%	01 Feb 18
Australia	950-1,000	0%	01 Feb 18	Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,600-1,650*	0%	02 Feb 18
Premium bulk \$/tonne fob Australia	1,170-1,270	0%	01 Feb 18	MB Chinese free market min 75% Si,	1,000 1,000		
				in-warehouse China, RMB/tonne	7,400-8,400*	-1.25% <b>▼</b>	02 Feb 18
BULK ALLOYS				Silico-manganese			
	Price	Change <sup>†</sup>	Assessed	Lumpy basis 65-75% Mn basis 15-19%	1 005 1 075*	00/	00 Fab 10
Ferro-chrome \$/lb Cr				Si (scale pro rata) €/tonne  US free market \$/lb in-warehouse	1,025-1,075*	0%	02 Feb 18
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	0.98*	4.26%	26 Jan 18	Pittsburgh	0.68-0.69*	3.01%	01 Feb 18
Ferro-Chrome European Benchmark	0.00	1.2070	20001110	MB Chinese free market min 65% Mn			
Indicator, Lumpy Cr charge basis 52%				max 17% Si in-warehouse China	0 100 0 E00*	00/	00 Eab 10
(and high carbon), \$ per Ib	4 00 *	1.53%	00 100 10	RMB/tonne	8,100-8,500*	0%	02 Feb 18
	1.33*	1.53%	26 Jan 18	GEO/ min Mn 160/ min Ci C/tonno foh			
Spot 6-8% C basis 50% Cr delivered				65% min Mn 16% min Si \$/tonne fob India	1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne	7,900-8,200*	1.26%			1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne					1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Lumpy Cr charge basis 52% Cr (and	7,900-8,200* 7,650-7,900*	1.26%	02 Feb 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	7,900-8,200* 7,650-7,900* 1.18*	1.26% <b>4</b> 0% -15.11% <b>1</b>	02 Feb 18 02 Feb 18 7 01 Jan 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Lumpy Cr charge basis 52% Cr (and high carbon) quarterly 6-8% C basis 60% Cr max 1.5% Si	7,900-8,200* 7,650-7,900* 1.18* 1.25-1.35*	1.26% <b>2</b> 0% -15.11% <b>3</b> -2.26%	02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Lumpy Cr charge basis 52% Cr (and high carbon) quarterly 6-8% C basis 60% Cr max 1.5% Si 0.10% C average 60-70% Cr	7,900-8,200* 7,650-7,900* 1.18*	1.26% <b>4</b> 0% -15.11% <b>1</b>	02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	7,900-8,200* 7,650-7,900* 1.18* 1.25-1.35*	1.26% <b>2</b> 0% -15.11% <b>3</b> -2.26%	02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Lumpy Cr charge basis 52% Cr (and high carbon) quarterly  6-8% C basis 60% Cr max 1.5% Si  0.10% C average 60-70% Cr  European low carbon in-warehouse  0.06% C max - 65% Cr  Low phosphorous Cr min 65% C max 7%	7,900-8,200* 7,650-7,900* 1.18* 1.25-1.35* 2.25-2.35* 2.30-2.40*	1.26% <b>4</b> 0% -15.11% <b>1</b> -2.26% <b>1</b> 0.88% <b>4</b>	02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18 26 Jan 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Lumpy Cr charge basis 52% Cr (and high carbon) quarterly  6-8% C basis 60% Cr max 1.5% Si  0.10% C average 60-70% Cr  European low carbon in-warehouse  0.06% C max - 65% Cr  Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.05%	7,900-8,200* 7,650-7,900* 1.18* 1.25-1.35* 2.25-2.35*	1.26%	02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18 26 Jan 18 26 Jan 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Lumpy Cr charge basis 52% Cr (and high carbon) quarterly  6-8% C basis 60% Cr max 1.5% Si  0.10% C average 60-70% Cr  European low carbon in-warehouse  0.06% C max - 65% Cr	7,900-8,200* 7,650-7,900* 1.18* 1.25-1.35* 2.25-2.35* 2.30-2.40*	1.26% <b>4</b> 0% -15.11% <b>1</b> -2.26% <b>1</b> 0.88% <b>4</b>	02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18 A 26 Jan 18 A 26 Jan 18 A 26 Jan 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Lumpy Cr charge basis 52% Cr (and high carbon) quarterly 6-8% C basis 60% Cr max 1.5% Si 0.10% C average 60-70% Cr European low carbon in-warehouse 0.06% C max - 65% Cr Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05% Japan import 8-9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty unpaid	7,900-8,200* 7,650-7,900* 1.18* 1.25-1.35* 2.25-2.35* 2.30-2.40* 1.36-1.40*	1.26%	02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18 26 Jan 18 26 Jan 18 01 Feb 18		1,200-1,250*	0%	02 Feb 1
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne Lumpy Cr charge basis 52% Cr (and high carbon) quarterly 6-8% C basis 60% Cr max 1.5% Si 0.10% C average 60-70% Cr European low carbon in-warehouse 0.06% C max - 65% Cr Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05% Japan import 8-9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome	7,900-8,200* 7,650-7,900* 1.18* 1.25-1.35* 2.25-2.35* 2.30-2.40* 1.36-1.40* 0.96-1.01*	1.26%	02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18 26 Jan 18 26 Jan 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Lumpy Cr charge basis 52% Cr (and high carbon) quarterly  6-8% C basis 60% Cr max 1.5% Si  0.10% C average 60-70% Cr  European low carbon in-warehouse  0.06% C max - 65% Cr  Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%  Japan import 8-9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome  South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome  US free market low carbon duty paid fob Pi  US free market low carbon duty paid fob Pi	7,900-8,200*  7,650-7,900*  1.18* 1.25-1.35* 2.25-2.35* 2.30-2.40*  1.36-1.40*  0.96-1.01*  0.96-1.*  ttsburgh	1.26%	02 Feb 18 02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18 26 Jan 18 26 Jan 18 01 Feb 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Lumpy Cr charge basis 52% Cr (and high carbon) quarterly  6-8% C basis 60% Cr max 1.5% Si  0.10% C average 60-70% Cr  European low carbon in-warehouse  0.06% C max - 65% Cr  Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%  Japan import 8-9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome  South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome  US free market low carbon duty paid fob Pi  US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si	7,900-8,200*  7,650-7,900*  1.18* 1.25-1.35* 2.25-2.35*  2.30-2.40*  1.36-1.40*  0.96-1.01*  1.380-1.490*	1.26%	02 Feb 18 02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18 26 Jan 18 26 Jan 18 01 Feb 18 01 Feb 18		1,200-1,250*	0%	02 Feb 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Contract 6-8% C basis 50% Cr delivered duty paid China RMB/tonne  Lumpy Cr charge basis 52% Cr (and high carbon) quarterly  6-8% C basis 60% Cr max 1.5% Si  0.10% C average 60-70% Cr  European low carbon in-warehouse  0.06% C max - 65% Cr  Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%  Japan import 8-9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome  South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome  US free market low carbon duty paid fob Pi  US free market low carbon duty paid fob Pi	7,900-8,200*  7,650-7,900*  1.18* 1.25-1.35* 2.25-2.35* 2.30-2.40*  1.36-1.40*  0.96-1.01*  0.96-1.*  ttsburgh	1.26%	02 Feb 18 02 Feb 18 02 Feb 18 7 01 Jan 18 7 02 Feb 18 26 Jan 18 26 Jan 18 01 Feb 18 01 Feb 18 01 Feb 18		1,200-1,250*	0%	02 Feb 18

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CARBON STEEL - EUROPE				CARBON STEEL - CIS			
	Price	Change <sup>†</sup>	Assessed		Price	Change <sup>†</sup>	Assessi
Northern Europe imports		ogo	11000000	CIS exports (Black Sea)	71100	ogo	7100000
	forimported non Ella	riain commorcia	l quality carbon	Metal Bulletin's appraisal of CIS mills	' priese for export outside	the CIC of com	maraial auali
Metal Bulletin's appraisal of cfr prices f steel, € per tonne cfr main EU port	or imported, non-EU o	rigiri, commercia	i-quainy carbon	carbon steel, \$ per tonne fob stowed		uie GIS OI COIIII	nerciai-quan
Rebar	530-535*	0%	31 Jan 18	Billet index	492*	-3.72%	▼ 29 Jan
	530-540*	0%	31 Jan 18	Slab	530-540*		▼ 29 Jan
Wire rod (mesh quality)		0%					
Plate (8-40mm)  Hot rolled coil	540-560* 540-550*		31 Jan 18	Rebar	550-555*		
			▲ 31 Jan 18	Wire rod (mesh)	575-580*		▼ 29 Jan
Cold rolled coil	630-635*		▲ 31 Jan 18	Heavy plate (10-50mm)	605-665*		▲ 29 Jan
Hot-dip galvanized coil	650-670*	0%	31 Jan 18	Hot rolled coil	575-595*		▲ 29 Jan
Southern Europe imports				Cold rolled coil	610-635*	0.4%	▲ 29 Jan
Metal Bulletin's appraisal of cfr prices f	for imported, non-EU o	rigin, commercia	l-quality carbon	CIS domestic			
steel, € per tonne cfr main EU port				Metal Bulletin's appraisal of prices wi		al-quality carbo	n steel of CIS
Rebar	510-520*	0%	31 Jan 18	origin, rubles per tonne, carriage paid	d to (cpt) inc VAT		
Wire rod (mesh quality)	505-525*	0%	31 Jan 18	Rebar	35,000-35,500*	0%	29 Jan
Plate (8-40mm)	530-550*	0%	31 Jan 18	Hot rolled sheet	41,700-42,500*	-0.36%	▼ 29 Jan 1
Hot rolled coil	540-560*	3.77%	▲ 31 Jan 18	Cold rolled sheet	47,200-49,000*	-2.34%	▼ 29 Jan 1
Cold rolled coil	610-630*	1.22%	▲ 31 Jan 18	Plate	42,500-44,000*	-2.26%	▼ 29 Jan 1
Hot-dip galvanized coil	660-670*	0%	31 Jan 18				
Southern Europe exports				CARBON STEEL - MIDDLE EAST			
Metal Bulletin's appraisal of Southern E	Europe mills' prices for	export outside S	outhern Europe		Price	Change <sup>†</sup>	Assess
of commercial-quality carbon steel, € p		•		Turkish exports			
Rebar	490-505*	0%	31 Jan 18	Metal Bulletin's appraisal of Turkish n	nille' nricae for avnort of co	nmmercial-aua	lity carbon et
Wire rod (mesh quality)	525-530*	0.96%	▲ 31 Jan 18	\$ per tonne fob main Turkish port	iiiis prices for export of co	Jiiiiioi Giai-quai	nty carbon sit
Northern Europe domestic				Billet	530-535*	-0.93%	▼ 01 Feb 1
Metal Bulletin's appraisal of prices with	nin the FII (excluding th	ne LIK) for commi	ercial-quality	Rebar	540-550*		▼ 01 Feb 1
carbon steel of EU origin, € per tonne d	, -	c ony for commi	Total quality	Wire rod (mesh quality)	560-570*		▼ 01 Feb 1
Rebar	560-580*	1.79%	▲ 31 Jan 18	Merchant bars	580-590*	0%	01 Feb 1
Wire rod (mesh quality)	550-570*		▲ 31 Jan 18		670-680*		
Sections (medium)	650-660*		▲ 31 Jan 18	Structural pipe			
Beams	630-650*		▲ 31 Jan 18	Hot rolled coil	620-630*	1.63%	▲ 02 Feb 1
Southern Europe domestic		0070	- 0.000	Turkish domestic			
				Metal Bulletin's appraisal of prices wi	thin Turkov for commornia	I-quality carbor	n ctaal of Turk
·	- i 4h EU /	- 1117)			unin turkey ioi commieicia	' '	1 Steel Of Turn
Metal Bulletin's appraisal of prices with	, -	e UK) for comm	ercial-quality	origin, \$ per tonne ex-works	·		
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d	lelivered basis point	,		origin, \$ per tonne ex-works Billet	525-535*	-1.4%	▼ 01 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar	delivered basis point 530-550*	0%	31 Jan 18	origin, \$ per tonne ex-works Billet Rebar	525-535* 550-565*	-1.4% · · · · · · · · · · · · · · · · · · ·	▼ 01 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar Wire rod (mesh quality)	530-550* 535-570*	0% 1.38%	31 Jan 18 <b>3</b> 1 Jan 18	origin, \$ per tonne ex-works Billet	525-535*	-1.4% ·	▼ 01 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar Wire rod (mesh quality) Sections (medium)	530-550* 535-570* 620-645*	0% 1.38%	31 Jan 18 ▲ 31 Jan 18 ▲ 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar	525-535* 550-565*	-1.4% \\ -3.04% \\ -2.07% \\	▼ 01 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar Wire rod (mesh quality)	530-550* 535-570*	0% 1.38%	31 Jan 18 <b>3</b> 1 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality)	525-535* 550-565* 580-600*	-1.4% -3.04% -2.07% -0.39%	▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar Wire rod (mesh quality) Sections (medium)	530-550* 535-570* 535-570* 620-645* 625-650*	0% 1.38%	31 Jan 18 ▲ 31 Jan 18 ▲ 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil	525-535* 550-565* 580-600* 630-635*	-1.4% \\ -3.04% \\ -2.07% \\ -0.39% \\ -0.71% \\	<ul> <li>01 Feb 1</li> <li>01 Feb 1</li> <li>01 Feb 1</li> <li>02 Feb 1</li> </ul>
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams	530-550* 535-570* 535-570* 620-645* 625-650*	0% 1.38% 0.8%	31 Jan 18 ▲ 31 Jan 18 ▲ 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil	525-535* 550-565* 580-600* 630-635* 690-710*	-1.4% \\ -3.04% \\ -2.07% \\ -0.39% \\ -0.71% \\	▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 02 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne	625-650* 625-650* 625-650* 625-650* 625-650*	0% 1.38% 0.8%	31 Jan 18 ▲ 31 Jan 18 ▲ 31 Jan 18 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized	525-535* 550-565* 580-600* 630-635* 690-710* 785-790*	-1.4% \\ -3.04% \\ -2.07% \\ -0.39% \\ -0.71% \\ -1.25% \\	<ul> <li>✓ 01 Feb 1</li> <li>✓ 01 Feb 1</li> <li>✓ 02 Feb 1</li> <li>✓ 02 Feb 1</li> </ul>
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne do Rebar to rolled coil	625-650* 625-650* 625-650* 625-650* 625-650*	0% 1.38% 0.8% 0% 1.89%	31 Jan 18 ▲ 31 Jan 18 ▲ 31 Jan 18 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% -0%	▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne Hot rolled coil Poland domestic zloty per tonne ex	### delivered basis point   530-550*     535-570*     620-645*     625-650*     1e ex-works     530-550*     5-works     2,320-2,370*	0% 1.38% 0.8% 0% 1.89%	31 Jan 18  ▲ 31 Jan 18  ▲ 31 Jan 18  31 Jan 18  31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% -0%	▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne Hot rolled coil Poland domestic zloty per tonne ex Rebar	### delivered basis point   530-550*     535-570*     620-645*     625-650*     1e ex-works     530-550*     5-works     2,320-2,370*	0% 1.38% 0.8% 0% 1.89%	31 Jan 18  ▲ 02 Feb 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% -0%	▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm)	### Selivered basis point   530-550*     535-570*     620-645*     625-650*     10 ex-works     530-550*     1-works     2,320-2,370*     15 ex-works     590-600*	0% 1.38% 0.8% 0% 1.89% 0.64%	31 Jan 18  ▲ 31 Jan 18  ▲ 31 Jan 18  ▲ 31 Jan 18  ▲ 02 Feb 18  ▲ 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for cfr main Turkish port	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% -0%	▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil	### Selivered basis point   530-550*     535-570*     620-645*     625-650*     10 ex-works     530-550*     1-works     2,320-2,370*     1 fts     590-600*     540-570*	0% 1.38% 0.8% 0% 1.89% 0.64% 0.85% 1.83%	31 Jan 18  02 Feb 18  31 Jan 18  31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) 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	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  rimported commercial-qu 505-520* 590-600*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% -0% -1.44% -1.44% -0%	▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 02 Feb 1 02 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne that rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil	### Selivered basis point   530-550*     535-570*     620-645*     625-650*     10	0% 1.38% 0.8% 0% 1.89% 0.64% 0.85% 1.83% 3.17%	31 Jan 18  4 02 Feb 18  31 Jan 18  31 Jan 18  31 Jan 18  31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) 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	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% -0%	▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1 ▼ 02 Feb 1 ▼ 01 Feb 1 ▼ 01 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil	### delivered basis point   530-550*     535-570*     620-645*     625-650*     te ex-works     530-550*     -works     2,320-2,370*     540-570*     640-660*     660-690*	0% 1.38% 0.8% 0% 1.89% 0.64% 0.85% 1.83% 3.17%	31 Jan 18  02 Feb 18  31 Jan 18  31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for fr main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  r imported commercial-qu  505-520* 590-600* 650-655*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ster -1.44% 0% 0%	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo	### delivered basis point   530-550*     535-570*     620-645*     625-650*     10 ex-works     530-550*     530-550*     540-570*     540-660*     660-690*     540-570*     540-690*     540-570*     540-660*     540-690*     540-690*     540-690*     540-690*     540-690*     540-690*     540-690*     540-660*	0% 1.38% 0.8% 0% 1.89% 0.64% 0.85% 1.83% 3.17% 0.75%	31 Jan 18  ▲ 02 Feb 18  ▲ 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) 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 Metal Bulletin's appraisal of prices for cold rolled coil	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  r imported commercial-qu  505-520* 590-600* 650-655*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ster -1.44% 0% 0%	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo Plate (8-40mm)	### delivered basis point   530-550*     535-570*     620-645*     625-650*     10	0% 1.38% 0.8% 0%  1.89%  0.64%  1.83% 3.17% 0.75%	31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) 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 Metal Bulletin's appraisal of prices for cfr Jebel Ali	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  r imported commercial-qu 505-520* 590-600* 650-655*  r imported commercial-qu	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% ality carbon ste	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Hot-dip del (8-40mm) Hot rolled coil	### Selivered basis point   530-550*     535-570*     620-645*     625-650*     10	0% 1.38% 0.8% 0% 1.89% 0.64% 0.85% 1.83% 0.75% 0.75%	31 Jan 18  ▲ 02 Feb 18  ▲ 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for fr main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for fr Jebel Ali Billet	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  r imported commercial-qu 505-520* 590-600* 650-655*  r imported commercial-qu	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% 1.06%	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil	### delivered basis point   530-550*     535-570*     620-645*     625-650*     10 ex-works     530-550*     530-550*     540-570*     640-660*     660-690*     540-560*     540-560*     610-640*	0% 1.38% 0.8% 0% 1.89%  0.64%  0.85% 1.83% 0.75%  0% 2.33% 0.81%	31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for fr main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for fr Jebel Ali Billet Rebar	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  r imported commercial-qu  505-520* 590-600* 650-655*  r imported commercial-qu  520-530* 560-565*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% -1.06% -1.06% -0.88%	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Hot-dip del (8-40mm) Hot rolled coil	### Selivered basis point   530-550*     535-570*     620-645*     625-650*     10	0% 1.38% 0.8% 0% 1.89% 0.64% 0.85% 1.83% 3.17% 0.75% 0% 2.33% 0.81%	31 Jan 18  ▲ 02 Feb 18  ▲ 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for fr main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for fr Jebel Ali Billet Rebar Hot rolled coil	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  r imported commercial-qu  505-520* 590-600* 650-655*  r imported commercial-qu  520-530* 560-565*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% -1.06% -0.88% 1.26%	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil Hot-dip galvanized coil	### delivered basis point   530-550*     535-570*     620-645*     625-650*     10 ex-works     530-550*     530-550*     540-570*     640-660*     660-690*     540-560*     610-640*     630-660*     630-660*	0% 1.38% 0.8% 0% 1.89%  0.64%  0.85% 1.83% 0.75%  0% 2.33% 0.81%	31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for fr main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for fr Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  rimported commercial-qu  505-520* 590-600* 650-655*  rimported commercial-qu  520-530* 560-565* 595-610* 640-650*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% -1.06% -0.88% 1.26% 0%	V 01 Feb 1 V 01 Feb 1 V 01 Feb 1 V 02 Feb 1 V 03 Feb 1 V 04 Feb 1 V 05 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil	### delivered basis point   530-550*     535-570*     620-645*     625-650*     10 ex-works     530-550*     530-550*     540-570*     640-660*     660-690*     540-560*     610-640*     630-660*     630-660*	0% 1.38% 0.8% 0% 1.89%  0.64%  0.85% 1.83% 0.75%  0% 2.33% 0.81%	31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) 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 Hot dip galvanized coil	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  r imported commercial-qu  505-520* 590-600* 650-655*  r imported commercial-qu  520-530* 560-565*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% -1.06% -0.88% 1.26% 0%	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil Hot-dip galvanized coil	### delivered basis point   530-550*     535-570*     620-645*     625-650*     10 ex-works     530-550*     530-550*     540-570*     640-660*     660-690*     540-560*     610-640*     630-660*     630-660*	0% 1.38% 0.8% 0% 1.89%  0.64%  0.85% 1.83% 0.75%  0% 2.33% 0.81%	31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports Metal Bulletin's appraisal of prices for fr main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for fr Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  rimported commercial-qu  505-520* 590-600* 650-655*  rimported commercial-qu  520-530* 560-565* 595-610* 640-650*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% -1.06% -0.88% 1.26% 0%	V 01 Feb 1 V 01 Feb 1 V 01 Feb 1 V 02 Feb 1 V 03 Feb 1 V 04 Feb 1 V 05 Feb 1
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne to rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil God rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil	### Selivered basis point   530-550*     535-570*     620-645*     625-650*     10 ex-works     2,320-2,370*     540-570*     640-660*     660-690*     540-560*     610-640*     630-660*     630-660*     630-660*     640-660*     630-660*     630-660*     640-660*     630-660*     640-660*     630-660*     640-660*	0% 1.38% 0.8% 0% 1.89%  0.64%  0.85% 1.83% 3.17% 0.75%  0% 2.33% 0.81% 1.57%	31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) 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 Hot dip galvanized coil	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  rimported commercial-qu  505-520* 590-600* 650-655*  rimported commercial-qu  520-530* 560-565* 595-610* 640-650* 740-745*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% -1.06% -1.06% -1.26%	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne de Rebar Northern Europe € per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Gold rolled coil Cold rolled coil Hot-dip galvanized coil CARBONSTEEL - NORTH AFRICA	### delivered basis point   530-550*     535-570*     620-645*     625-650*     10	0% 1.38% 0.8% 0% 1.89% 0.64% 0.85% 1.83% 0.75% 0% 2.33% 0.81% 1.57% Change <sup>‡</sup>	31 Jan 18  A 31 Jan 18  A 31 Jan 18  A 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) 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 Metal Bulletin's appraisal of prices for cfr	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  rimported commercial-qu  505-520* 590-600* 650-655*  rimported commercial-qu  520-530* 560-565* 595-610* 640-650* 740-745*  rimported commercial-qu	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste  1.44% 0% 0%  1.06% -0.88% 1.26% 0% 0.68%  ality carbon ste	
Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne de Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonne to rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil God rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil	### delivered basis point   530-550*     535-570*     620-645*     625-650*     10	0% 1.38% 0.8% 0% 1.89% 0.64% 0.85% 1.83% 0.75% 0% 2.33% 0.81% 1.57% Change <sup>‡</sup>	31 Jan 18  A 31 Jan 18  A 31 Jan 18  A 31 Jan 18	origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) 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 Metal Bulletin's appraisal of prices for coil	525-535* 550-565* 580-600* 630-635* 690-710* 785-790* 865-870*  rimported commercial-qu  505-520* 590-600* 650-655*  rimported commercial-qu  520-530* 560-565* 595-610* 640-650* 740-745*	-1.4% -3.04% -2.07% -0.39% -0.71% -1.25% 0%  ality carbon ste -1.44% 0% 0% -1.06% -1.06% -1.26%	

†week-on-week change

continued >

<u> </u>	n Daily   Number				Copyright ©	2002-2018	Weta	ai Dulletii
UAT damastic	Price	Change	Assessed	CARBON STEEL - NAFTA				
UAE domestic					Price	Change <sup>†</sup>		Assesse
Metal Bulletin's appraisal of prices withir	n UAE for commercial-	quality carbon stee	el of UAE	US imports				
origin, dirhams per tonne ex-works	0 220 0 240*	00/	30 Jan 18	Metal Bulletin's appraisal of prices for imp	orted. non-Nafta orio	ain. commerc	ial-au	alitv carbo
Rebar	2,332-2,340*	0%	30 Jan 18	steel, \$ per short ton cfr port Houston		,, · · · · · · ·	,	,
ran imports				Rebar	562-576*	-1.9%	▼	17 Jan
Metal Bulletin's appraisal of prices quote			quality	Merchant bars	620-660*	3.23%	<b>A</b>	26 Jan
<i>carbon steel to Iranian buyers, \$ per toni</i> Cold rolled coil	610-630*	0%	31 Jan 18	Wire rod (low carbon)	572-600*	0%		24 Jan
Hot rolled coil	560-580*	0%	31 Jan 18	Medium sections	640-660*	5.26%	<b>A</b>	25 Jan
Hot dip galvanized coil	640-685*	0%	13 Dec 17	Medium plate	640-680*	5.18%	<b>A</b>	24 Jan
	040-003	0 /0	13 Dec 17	Hot rolled coil (commodity)	640-670*	0.77%	<b>A</b>	24 Jan
Egyptian domestic				Cold rolled coil	760-800*	5.41%	<b>A</b>	24 Jan
Metal Bulletin's appraisal of prices withir	n Egypt for commercial	-quality carbon ste	eel of	Hot dipped galvanized 0.012-0.015,				
Egyptian origin, E£ per tonne ex-works	11 050 11 000*	00/	01 Eab 10	G30	920-965*	1.07%		24 Jan
Rebar	11,950-11,980*	0%	01 Feb 18	ERW linepipe (X42)	850-870*	4.88%		30 Jan
Egyptian import				OCTG API5CT - casing J55	830-850*	0.9%		30 Jan
Metal Bulletin's appraisal of prices for im	nported commercial-qu	iality carbon steel,	\$ per tonne	US domestic				
cfr main port	EOE EOO*	0.070/	01 Fab 10	AMM's appraisal of prices within the USA	for commercial-qual	lity carbon ste	el of U	IS or
Billet	505-520*	-0.97% ▼	01 Feb 18	Canadian origin, \$ per short ton, delivery t	erms as indicated			
				Rebar (fob mill)	620-640*	6.78%		17 Jan
CARBON STEEL - LATIN AMERICA				Wire rod (mesh quality fob mill)	630-630*	5%		24 Jan
	Price	Change <sup>†</sup>	Assessed	Plate (fob mill)	750-750*	2.04%		26 Jan
Latin American exports				Hot rolled sheet index (fob mill)	727-727*	1.56%		01 Feb
Metal Bulletin's appraisal of Latin Americ	can mills' prices for exp	oort outside Latin A	America of	Cold rolled sheet (fob mill)	890-890*	1.14%	<b>A</b>	01 Feb
commercial-quality carbon steel, \$ per to	onne fob stowed main i	Latin American poi	rt	Hot-dip galvanized (base) Midwest	070 070*	1 100/		01 Fab
Billet	510-520*	0%	02 Feb 18	(fob mill)	870-870*	1.16%	<u> </u>	01 Feb
Slab, Brazil	530-540*	0%	02 Feb 18	OCTG APISCT - casing J55 (fob mill)	975-1,000*	3.95%		30 Jan
Rebar	560-565*	0%	02 Feb 18	AMM's appraisal of prices within the USA		-	el of U	IS or
Wire rod mesh quality	560-565*	0%	02 Feb 18	Canadian origin, \$ per hundredweight, del	-			00.1
Heavy plate over 10mm	600-610*	0%	02 Feb 18	Merchant bar 3 x 3 1/4 angle (fob mill)	33.25-33.25*	9.92%		26 Jan
Hot rolled coil (dry)	570-580*	0%	02 Feb 18					
Cold rolled coil	680-695*	0%	02 Feb 18					
	680-695* 800-810*	0%	02 Feb 18 02 Feb 18	CARBONSTEEL - ASIA				
Galvanized coil				CARBONSTEEL - ASIA	Price	Change <sup>†</sup>		Assess
Cold rolled coil  Galvanized coil  South America imports  Matal Bullatin's appraisal of eff prices for	800-810*	0%	02 Feb 18	CARBONSTEEL - ASIA China exports	Price	Change <sup>†</sup>		Assess
Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for	800-810*	0%	02 Feb 18	China exports			uality (	
Galvanized coil <b>South America imports</b> Metal Bulletin's appraisal of cfr prices for \$ per tonne cfr main ports	800-810* r imported, commercia	0% I-quality carbon st	02 Feb 18				uality	
Galvanized coil <b>South America imports</b> <i>Metal Bulletin's appraisal of cfr prices foi</i> \$ per tonne cfr main ports Plate	800-810* r imported, commercia 600-610*	0% I-quality carbon st 0%	02 Feb 18	China exports  Metal Bulletin's appraisal of Chinese mills			uality (	Assessicarbon sto
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for \$ per tonne cfr main ports  Plate  Hot rolled coil	800-810* r imported, commercia 600-610* 610-615*	0% I-quality carbon st 0% 0%	02 Feb 18 eeel, 02 Feb 18 02 Feb 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port	prices for export of c	commercial-q		carbon st
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for  \$ per tonne cfr main ports  Plate  Hot rolled coil  Cold rolled coil	800-810*  r imported, commercia 600-610* 610-615* 650-660*	0% I-quality carbon st 0% 0% 0%	02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)	prices for export of a 553-553* 560-580*	0.24% 0.88%	<u> </u>	carbon st 02 Feb 30 Jan
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate  Hot rolled coil  Galvanized coil	800-810*  r imported, commercia  600-610* 610-615* 650-660* 715-720*	0% I-quality carbon st 0% 0%	02 Feb 18 eeel, 02 Feb 18 02 Feb 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)  Heavy plate	prices for export of a 553-553* 560-580* 560-568*	0.24% 0.88% -0.44%	<b>A</b>	02 Feb 30 Jan 30 Jan
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate  Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w	800-810*  r imported, commercia 600-610* 610-615* 650-660* 715-720*	0%  I-quality carbon st  0%  0%  0%  0%	02 Feb 18 eeel, 02 Feb 18 02 Feb 18 02 Feb 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)	prices for export of a 553-553* 560-580*	0.24% 0.88%	<b>▲</b> ▼	02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate  Hot rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-wall  Metal Bulletin's appraisal of prices within	800-810*  r imported, commercia 600-610* 610-615* 650-660* 715-720*	0%  I-quality carbon st  0%  0%  0%  0%	02 Feb 18 eeel, 02 Feb 18 02 Feb 18 02 Feb 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port  Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil	553-553* 560-580* 560-568* 581-581* 610-615*	0.24% 0.88% -0.44% 0.62% 0%	<b>▲</b> ▼	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne	800-810*  r imported, commercia 600-610* 610-615* 650-660* 715-720*  rorks  n Argentina for comme	0% I-quality carbon st 0% 0% 0% 0% constraints of the constraints of t	02 Feb 18 eel, 02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port  Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil  Galvanized coil 1mm	553-553* 560-580* 560-568* 581-581*	0.24% 0.88% -0.44% 0.62%	<b>▲</b> ▼	carbon st
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne  Hot rolled coil	800-810*  r imported, commercia 600-610* 610-615* 650-660* 715-720*  rorks an Argentina for comme.	0%  I-quality carbon st  0% 0% 0% 0% crial-quality carbon	02 Feb 18 eel, 02 Feb 18 05 Feb 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index  Cold rolled coil Galvanized coil 1mm  Eastern China domestic	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*	0.24% 0.88% -0.44% 0.62% 0% 0.75%	<b>A V A</b>	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices within tonne Hot rolled coil Cold rolled coil	800-810*  r imported, commercia 600-610* 610-615* 650-660* 715-720*  rorks n Argentina for comme. 720-735* 840-845*	0%  I-quality carbon st  0%  0%  0%  0%  rcial-quality carbon	02 Feb 18 eel, 02 Feb 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port  Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil  Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easter	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*	0.24% 0.88% -0.44% 0.62% 0% 0.75%	<b>A V A</b>	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices within tonne Hot rolled coil Cold rolled coil Galvanized coil Galvanized coil Galvanized coil	800-810*  r imported, commercia  600-610* 610-615* 650-660* 715-720*  rorks  720-735* 840-845* 1,070-1,170*	0%  I-quality carbon st  0%  0%  0%  0%  rcial-quality carbon  1.75%  1.51%  2.28%	02 Feb 18 eel, 02 Feb 18 05 Jan 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port  Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil  Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehoo	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*	0.24% 0.88% -0.44% 0.62% 0% 0.75%	<b>A V A</b>	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne Hot rolled coil  Galvanized coil  Galvanized coil  Rebar	800-810*  r imported, commercia 600-610* 610-615* 650-660* 715-720*  rorks n Argentina for comme. 720-735* 840-845*	0%  I-quality carbon st  0%  0%  0%  0%  rcial-quality carbon	02 Feb 18 eel, 02 Feb 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehon Rebar	553-553* 560-580* 560-568* 581-581* 610-615* 670-680* ern China for comme use 3,840-3,900*	0.24% 0.88% -0.44% 0.62% 0% 0.75%	▲ ▼	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan steel of
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for special ports  Plate  Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne  Hot rolled coil  Cold rolled coil  Galvanized coil  Rebar  Brazil domestic	800-810*  r imported, commercia  600-610* 610-615* 650-660* 715-720*  rorks  n Argentina for comme  720-735* 840-845* 1,070-1,170* 840-850*	0%  l-quality carbon st  0%  0%  0%  0%  1.75%  1.51%  2.28%  0%	02 Feb 18 eel, 02 Feb 18 05 Jan 18 05 Jan 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehouse Rebar Wire rod (mesh)	553-553* 560-580* 560-568* 581-581* 610-615* 670-680* ern China for comme use 3,840-3,900* 3,940-3,980*	0.24% 0.88% -0.44% 0.62% 0% 0.75% ercial-quality of the control of the cont	A  V  A  earbon  V	02 Feb 30 Jan 5teel of 02 Feb 02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for pertonne cfr main ports  Plate Hot rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne Hot rolled coil Galvanized coil Rebar  Brazil domestic  Metal Bulletin's appraisal of prices within tonne	800-810*  r imported, commercia  600-610* 610-615* 650-660* 715-720*  rorks  n Argentina for comme  720-735* 840-845* 1,070-1,170* 840-850*	0%  l-quality carbon st  0%  0%  0%  0%  1.75%  1.51%  2.28%  0%	02 Feb 18 eel, 02 Feb 18 05 Jan 18 05 Jan 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehout Rebar  Wire rod (mesh) Sections	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  sem China for comme use 3,840-3,900* 3,940-3,980* 4,080-4,120*	0.24% 0.88% -0.44% 0.62% 0% 0.75% ercial-quality of the control of the cont	A V	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan 50 Jan 02 Feb 02 Feb 02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices withintonne Hot rolled coil Galvanized coil Rebar  Brazil domestic  Metal Bulletin's appraisal of prices withintonne  Brazil domestic  Metal Bulletin's appraisal of prices withintonne ex-works	800-810*  r imported, commercial  600-610* 610-615* 650-660* 715-720*  rorks n Argentina for comme  720-735* 840-845* 1,070-1,170* 840-850*	0%  1-quality carbon st  0%  0%  0%  0%  rcial-quality carbon  1.75%    1.51%    2.28%    0%  -quality carbon ste	02 Feb 18  05 Jan 18  05 Jan 18  05 Jan 18  05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehout Rebar  Wire rod (mesh) Sections Plate	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  em China for comme use 3,840-3,900* 3,940-3,980* 4,080-4,120* 4,000-4,060*	0.24% 0.88% -0.44% 0.62% 0% 0.75% ercial-quality of the control of the cont	A V A A A A V A V V V V V V V V V V V V	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan 5 teel of 02 Feb 02 Feb 02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices withintonne Hot rolled coil  Galvanized coil  Rebar  Brazil domestic  Metal Bulletin's appraisal of prices withintonne  Brazil domestic  Metal Bulletin's appraisal of prices withintonne ex-works  Hot rolled coil	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400*	0%  I-quality carbon st  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon ste  -34.81%	02 Feb 18  05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehout Rebar  Wire rod (mesh)  Sections  Plate  Hot rolled coil (min 2mm)	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  enr China for comme use 3,840-3,900* 3,940-3,980* 4,080-4,120* 4,000-4,060* 4,100-4,130*	0.24% 0.88% -0.44% 0.62% 0% 0.75% ercial-quality of -1.13% -1.8% -0.49% 0.37%	A V A A A V V V V A A	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan 02 Feb 02 Feb 02 Feb 02 Feb 02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for per tonne cfr main ports  Plate Hot rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne Hot rolled coil Galvanized coil Galvanized coil Brazil domestic  Brazil domestic  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Cold rolled coil Cold rolled coil Cold rolled coil	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700*	0%  I-quality carbon st  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon ste  -34.81% ▼  -29.43% ▼	02 Feb 18 eel, 02 Feb 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehood Rebar  Wire rod (mesh)  Sections  Plate  Hot rolled coil (min 2mm)  Cold rolled coil (0.5 - 2 mm)	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  ern China for comme use 3,840-3,900* 3,940-3,980* 4,080-4,120* 4,000-4,060* 4,100-4,130* 4,640-4,730*	0.24% 0.88% -0.44% 0.62% 0% 0.75% ercial-quality of -1.18% -0.49% 0.37% -1.16%	A A A A A A A A A A A A A A A A A A A	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan 02 Feb 02 Feb 02 Feb 02 Feb 02 Feb 02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate  Hot rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices within tonne  Hot rolled coil  Galvanized coil  Galvanized coil  Rebar  Brazil domestic  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil  Cold rolled coil  Cold rolled coil  Hot dip galvanized coil	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks n Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040*	0%  l-quality carbon st.  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon ste  -34.81% ▼  -29.43% ▼	02 Feb 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-wareho Rebar  Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  enr China for comme use 3,840-3,900* 3,940-3,980* 4,080-4,120* 4,000-4,060* 4,100-4,130*	0.24% 0.88% -0.44% 0.62% 0% 0.75% ercial-quality of -1.13% -1.8% -0.49% 0.37%	A V A A A V V V V A A	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan 30 Jan 02 Feb 02 Feb 02 Feb 02 Feb 02 Feb 02 Feb 02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices within tonne Hot rolled coil Galvanized coil Rebar  Brazil domestic Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Cold rolled coil Galvanized coil Hot olled coil Cold rolled coil Cold rolled coil Hot olled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Hot dip galvanized coil	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks n Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040*	0%  l-quality carbon st.  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon ste  -34.81% ▼  -29.43% ▼	02 Feb 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in easter Chinese origin, yuan per tonne ex-warehor Rebar Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Northern China domestic	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  em China for comme use 3,840-3,900* 3,940-3,980* 4,080-4,120* 4,000-4,060* 4,100-4,130* 4,640-4,730* 4,890-4,980*	0.24% 0.88% -0.44% 0.62% 0% 0.75%  orcial-quality of -1.8% -0.49% 0.37% -1.16% -0.4%	A A V A A A V V V V A A V V V	22 Feb 30 Jan 30
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices within tonne Hot rolled coil Galvanized coil Rebar  Brazil domestic Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Cold rolled coil Galvanized coil Hot olled coil Cold rolled coil Cold rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within tonne delivered	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* In Brazil for commercial	0%  1-quality carbon sta  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon sta  -34.81% ▼  -29.43% ▼  -quality carbon sta	02 Feb 18  05 Jan 18  06 Jan 18  06 Jan 18  07 Jan 18  08 Jan 18  09 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehood Rebar  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	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  em China for comme use 3,840-3,900* 4,080-4,120* 4,000-4,060* 4,100-4,130* 4,640-4,730* 4,890-4,980*	0.24% 0.88% -0.44% 0.62% 0% 0.75%  orcial-quality of -1.8% -0.49% 0.37% -1.16% -0.4%	A A V A A A V V V V A A V V V	22 Feb 30 Jan 30
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices within tonne Hot rolled coil Galvanized coil Rebar  Brazil domestic Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Cold rolled coil Galvanized coil Hot olled coil Cold rolled coil Cold rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within tonne delivered	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks n Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040*	0%  l-quality carbon st.  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon ste  -34.81% ▼  -29.43% ▼	02 Feb 18 05 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easter Chinese origin, yuan per tonne ex-warehord Rebar  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 Chinese origin (Tangshan), yuan per tonne	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  ern China for comme use 3,840-3,900* 3,940-3,980* 4,080-4,120* 4,100-4,130* 4,640-4,730* 4,890-4,980*	0.24% 0.88% -0.44% 0.62% 0% 0.75%  -0.13% -1.8% -0.49% 0.37% -1.16% -0.4%	A A V A A A V V V V A A V V V	22 Feb 30 Jan 30
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne Hot rolled coil  Galvanized coil  Rebar  Brazil domestic  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil  Cold rolled coil  Gold rolled coil  Hot olled coil  Cold rolled coil  Hot dip galvanized coil  Metal Bulletin's appraisal of prices within tonne ex-works  Hot rolled coil  Metal Bulletin's appraisal of prices within tonne delivered	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* In Brazil for commercial	0%  1-quality carbon sta  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon sta  -34.81% ▼  -29.43% ▼  -quality carbon sta	02 Feb 18  05 Jan 18  06 Jan 18  06 Jan 18  07 Jan 18  08 Jan 18  09 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in easter Chinese origin, yuan per tonne ex-warehor Rebar 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 Chinese origin (Tangshan), yuan per tonne Billet	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  em China for comme use 3,840-3,900* 4,080-4,120* 4,000-4,060* 4,100-4,130* 4,640-4,730* 4,890-4,980*  mem China for comme ex-works 3,620-3,620*	0.24% 0.88% -0.44% 0.62% 0% 0.75%  orcial-quality of -1.8% -0.49% 0.37% -1.16% -0.4%  dercial-quality 0.56%	A A V A A A V A A Carbon	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan 30 Jan 30 Jan 02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne Hot rolled coil  Galvanized coil  Rebar  Brazil domestic  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil  Gold rolled coil  Hot olled coil  Cold rolled coil  Hot dip galvanized coil  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil  Hot dip galvanized coil  Metal Bulletin's appraisal of prices within tonne delivered	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* In Brazil for commercial	0%  1-quality carbon sta  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon sta  -34.81% ▼  -29.43% ▼  -quality carbon sta	02 Feb 18  05 Jan 18  06 Jan 18  06 Jan 18  07 Jan 18  08 Jan 18  09 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehot Rebar  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 Chinese origin (Tangshan), yuan per tonne Billet  Metal Bulletin's appraisal of prices in north	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  em China for comme use 3,840-3,900* 4,080-4,120* 4,000-4,060* 4,100-4,130* 4,640-4,730* 4,890-4,980*  mem China for comme ex-works 3,620-3,620* mem China for comm	0.24% 0.88% -0.44% 0.62% 0% 0.75%  orcial-quality of -1.8% -0.49% 0.37% -1.16% -0.4%  dercial-quality 0.56%	A A V A A A V A A Carbon	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 02 Feb
Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for sper tonne cfr main ports  Plate Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-w  Metal Bulletin's appraisal of prices within tonne Hot rolled coil  Galvanized coil  Rebar  Brazil domestic  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil  Cold rolled coil  Gold rolled coil  Hot olled coil  Cold rolled coil  Hot dip galvanized coil  Metal Bulletin's appraisal of prices within tonne ex-works  Hot rolled coil  Metal Bulletin's appraisal of prices within tonne delivered	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* In Brazil for commercial	0%  1-quality carbon sta  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon sta  -34.81% ▼  -29.43% ▼  -quality carbon sta	02 Feb 18  05 Jan 18  06 Jan 18  06 Jan 18  07 Jan 18  08 Jan 18  09 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in easter Chinese origin, yuan per tonne ex-warehord Rebar 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 Chinese origin (Tangshan), yuan per tonne Billet Metal Bulletin's appraisal of prices in north Chinese origin, yuan per tonne ex-warehood	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  em China for comme use 3,840-3,900* 4,080-4,120* 4,000-4,060* 4,100-4,130* 4,640-4,730* 4,890-4,980*  mem China for comme ex-works 3,620-3,620* mem China for commuse	0.24% 0.88% -0.44% 0.62% 0% 0.75%  0.75%  0.13% -1.8% -0.49% -1.16% -0.4%  Dercial-quality 0.56%  Dercial-quality 0.56%	A A A A A A A A A A A A A A A A A A A	carbon st  02 Feb  30 Jan  30 Jan  02 Feb  30 Jan  30 Jan  30 Jan  30 Jan  30 Jan  02 Feb  03 Feb  04 Feb  05 Feb  06 Feb  07 Feb  08 Feb  09 Feb  09 Feb
Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for	800-810*  r imported, commercial 600-610* 610-615* 650-660* 715-720*  rorks 720-735* 840-845* 1,070-1,170* 840-850*  In Brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* In Brazil for commercial	0%  1-quality carbon sta  0%  0%  0%  0%  rcial-quality carbon  1.75% ▲  1.51% ▲  2.28% ▲  0%  -quality carbon sta  -34.81% ▼  -29.43% ▼  -quality carbon sta	02 Feb 18  05 Jan 18  06 Jan 18  06 Jan 18  07 Jan 18  08 Jan 18  09 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)  Heavy plate  Hot rolled coil index  Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-warehot Rebar  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 Chinese origin (Tangshan), yuan per tonne Billet  Metal Bulletin's appraisal of prices in north	553-553* 560-580* 560-568* 581-581* 610-615* 670-680*  em China for comme use 3,840-3,900* 4,080-4,120* 4,000-4,060* 4,100-4,130* 4,640-4,730* 4,890-4,980*  mem China for comme ex-works 3,620-3,620* mem China for comm	0.24% 0.88% -0.44% 0.62% 0% 0.75%  orcial-quality of -1.8% -0.49% 0.37% -1.16% -0.4%  dercial-quality 0.56%	A A V A A A V A A Carbon	02 Feb 30 Jan 30 Jan 02 Feb 30 Jan 30 Jan 30 Jan 30 Jan 30 Jan 02 Feb

†week-on-week change

continued >

#### 35 Monday

	in Daily   Number 9	9546.1			Copyright © 2	2002-2018	3 Meta	al Bulletir
	Price	Change	Assessed	STAINLESS STEEL				
Southern China domestic					Price	Change <sup>†</sup>		Assessi
Metal Bulletin's appraisal of prices in so		ercial-quality car	on steel of	Asia import				
Chinese origin, yuan per tonne ex-ware. Pabar		2 400/	00 Eab 10	\$/tonne cif East Asian port				
Rebar	4,100-4,200*	-3.49% ▼ -2.46% ▼	02 Feb 18 02 Feb 18	Grade 304 2mm CR coil 2B	2,250-2,300*	5.81%	<b>A</b>	31 Jan
Wire rod (mesh) Sections	4,120-4,200* 4,200-4,250*	-2.40% ▼ -1.17% ▼	02 Feb 18	Grade 304 HR sheet	2,180-2,230*	8.89%	<b>A</b>	31 Jan 1
Plate	4,120-4,170*	-0.72% ▼	02 Feb 18	China domestic				
Hot rolled coil (min 2mm)	4,140-4,180*	0.12%		yuan/tonne, in-warehouse				
Cold rolled coil (0.5 - 2 mm)	4,630-4,730*	-1.47% <b>▼</b>		Grade 304 2mm CR coil	14,500-15,500*	1.01%	<b>A</b>	01 Feb 1
Hot-dip galvanized coil	5,100-5,180*	-0.19% <b>V</b>		Grade 430 2mm CR coil	9,600-9,700*	0%		01 Feb
Southeast Asia imports	0,100 0,100	0.1070	0210010	EU export				
Metal Bulletin's appraisal of prices in Sc	outhoast Asia for commo	roial-quality oar	on ctaal ¢ nar	€/tonne fob N.European port				
vietai bulletiii s appraisai oi prices iii 30 tonne cfr	Juliteast Asia ioi comme	iciai-quaiity cari	ин ѕівеі ф реі	Min 100 tonne lot				
Billet	535-545*	0.47%	29 Jan 18	Grade 304 2mm CR sheet	2,355-2,435*	1.46%	_	02 Feb
Slab (Asia/East Asia)	520-535*	0%	29 Jan 18	EU domestic				
Hot rolled coil (Vietnam)	585-593*	0.68%	29 Jan 18	2mm 304 cold rolled stainless sheet, €/tonne				
Rebar (Singapore)	550-560*	-0.89% ▼	29 Jan 18	N.Europe Base price	1,060-1,120*	0%		02 Feb
Wire rod (low carbon)	575-585*	0.87%	29 Jan 18	Alloy surcharge	1,295-1,315*	2.72%	<b>A</b>	02 Feb
ndian exports				2mm 316 cold rolled stainless sheet, €/tonne				
Metal Bulletin's appraisal of Indian mills	s' prices for export of cou	nmercial-quality	carbon steel.	Base price	1,345-1,430*	0%		02 Feb
\$ per tonne fob main India port	priced for expert of eer	mnoroiai quanty	ourborr older,	Alloy surcharge	1,923-1,963*	6.99%	<b>A</b>	02 Feb
Billet	520-525*	1.46%	02 Feb 18	304 stainless steel bright bar, €/tonne				
Plate (12-40mm)	575-580*	1.76%	02 Feb 18	Base price	990-1,040*	0%		02 Feb
Hot rolled coil (commodity)	620-625*	0%	02 Feb 18	Alloy surcharge	1,560-1,642*	2.96%	<b>A</b>	02 Feb
Hot-dip galvanized coil	820-825*	0%	02 Feb 18	US domestic				
ndian imports				AMM's appraisal of prices within the USA for	commercial-qualit	y stainless s	steel of	US or
Metal Bulletin's appraisal of prices for in	mnorted non-FII origin	commercial-qua	lity carbon	Canadian origin, \$ per hundredweight, fob	•			
steel, \$ per tonne cfr main India port	nportou, non 20 origin,	oommoroiai que	nty ourbon	Grade 304 coiled plate	107-107*	-3.17%	$\blacksquare$	10 Jan
	EOE 610*	00/	005140	Crade 01C soiled plate	140 140*	-2.73%	▼	10 Jan
Plate (20-60mm)	595-610*	0%	02 Feb 18	Grade 316 coiled plate	143-143*			
Plate (20-60mm)  Hot rolled coil (commodity)	630-635*	0%	02 Feb 18	Grade 304 cold rolled sheet	122-122*	0%		25 Jan
Hot rolled coil (commodity)	630-635*	0%	02 Feb 18	Grade 304 cold rolled sheet	122-122*	0%		
Hot rolled coil (commodity) Hot rolled coil (CR grade)	630-635* 570-585*	0% 0%	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet	122-122*	0%		
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic	630-635* 570-585* 570-575*	0% 0% 0%	02 Feb 18 02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index	122-122*	0%		25 Jan
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled	630-635* 570-585* 570-575*	0% 0% 0%	02 Feb 18 02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index	122-122* 156-156*	0%	<b>A</b>	25 Jan
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with	630-635* 570-585* 570-575*	0% 0% 0% quality carbon st	02 Feb 18 02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne	122-122* 156-156*	0%	<b>A</b>	25 Jan
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with	630-635* 570-585* 570-575* in India for commercial-	0% 0% 0% quality carbon st	02 Feb 18 02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index	122-122* 156-156*	0%	<b>A</b>	25 Jan
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with tonne ex-works Billet	630-635* 570-585* 570-575* in India for commercial-( 31,800-32,000*	0% 0% 0% quality carbon st	02 Feb 18 02 Feb 18 02 Feb 18 eel, rupees per 02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index CHINA IRON ORE	122-122* 156-156*	0%	<b>A</b>	25 Jan 29 Jan 2
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with, tonne ex-works Billet Heavy plate	630-635* 570-585* 570-575* in India for commercial-( 31,800-32,000* 41,000-41,500*	0% 0% 0% quality carbon st -0.62% ▼ 2.48% ▲	02 Feb 18 02 Feb 18 02 Feb 18 eel, rupees per 02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index CHINA IRON ORE	122-122* 156-156* 1,498.14*	0% 0% 3.39%	<b>A</b>	25 Jan 29 Jan 29 Jan 29 Jan 20 Assess
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with tonne ex-works Billet Heavy plate Hot rolled coil	630-635* 570-585* 570-575*  in India for commercial-( 31,800-32,000* 41,000-41,500* 42,750-43,250*	0% 0% 0% quality carbon st -0.62% ▼ 2.48% ▲ 2.38% ▲ 2.14%	02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne	122-122* 156-156* 1,498.14*	0% 0% 3.39%		29 Jan  29 Jan  Assess 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil	630-635* 570-585* 570-575* in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000*	0% 0% 0% quality carbon st -0.62% ▼ 2.48% ▲ 2.38% ▲ 2.14%	02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18 eel, rupees per 02 Feb 18 02 Feb 18 02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr	122-122* 156-156* 1,498.14* <i>Price</i> 74.39* 119.33*	0% 0% 3.39% Change <sup>‡</sup> -0.01% -0.64%	•	29 Jan 20
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Indian dome	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900*	0% 0% 0%  -0.62% 2.48% △ 2.38% △ 2.14% △ 1.42%  1.95%  Δ	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe)	122-122* 156-156* 1,498.14* <i>Price</i> 74.39*	0% 0% 3.39% Change <sup>†</sup> -0.01%	•	25 Jan 25 Jan 29 Jan 29 Jan 29 Jan 20 Feb 02 Feb 02 Feb 02 Feb 02 Feb 20
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with tonne ex-works Billet Heavy plate Hot rolled coil DRI Hot-dip galvanized coil	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500*	0% 0% 0%  -0.62% 2.48% △ 2.38% △ 2.14% △ 1.42%  1.95%  Δ	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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\$/%	1,498.14*  Price 74.39* 119.33*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% -3.35%	▼ ▼	29 Jan 29 Jan 29 Jan 29 Jan 20 Feb 20
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500*	0% 0% 0%  -0.62% 2.48% △ 2.38% △ 2.14% △ 1.42%  1.95%  Δ	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% Fe) Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe)	122-122* 156-156* 1,498.14* <i>Price</i> 74.39* 119.33*	0% 0% 3.39% Change <sup>‡</sup> -0.01% -0.64%	<b>▼</b>	25 Jan 29 Jan  Assess 02 Feb 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with tonne ex-works Billet Heavy plate Hot rolled coil DRI Hot-dip galvanized coil	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500*	0% 0% 0%  -0.62% 2.48% △ 2.38% △ 2.14% △ 1.42%  1.95%  Δ	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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	1,498.14*  Price 74.39* 119.33*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% -3.35%	▼ ▼	29 Jan  29 Jan  Assess 02 Feb 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500*	0% 0% 0%  -0.62% 2.48% △ 2.38% △ 2.14% △ 1.42%  1.95%  Δ	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% Fe) Iron ore concentrate index cfr Qingdao (65% Fe)  Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao	1,498.14*  Price 74.39* 119.33*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% -3.35%	▼ ▼	25 Jan 29 Jan  Assess 02 Feb 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*	0% 0% 0%  -0.62% 2.48% △ 2.38% △ 2.14% △ -1.42% ↓ 0.59% ✓	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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	122-122* 156-156* 1,498.14* Price 74.39* 119.33* 92.58* 1.30*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% -3.35% 20.37%	▼ ▼	29 Jan  29 Jan  Assess 02 Feb 02 Feb 01 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with 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	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*	0% 0% 0%  -0.62% 2.48% △ 2.38% △ 2.14% △ -1.42% ↓ 0.59% ✓	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% 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	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% -3.35% 20.37%	▼ ▼	25 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Indian domestic Metal Bulletin's appraisal of prices with 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)	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*	0% 0% 0% -0.62%  2.48%  2.38%  1.14%  -1.42%  -0.59%  Change <sup>4</sup>	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% Fe) Iron ore concentrate index cfr Qingdao (65% Fe)  Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao	122-122* 156-156* 1,498.14* Price 74.39* 119.33* 92.58* 1.30*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% -3.35% 20.37%	▼ ▼	25 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with fronce ex-works Billet Heavy plate Hot rolled coil Cold rolled coil Cold rolled coil Rebar  STEELBENCHMARKER'** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton)	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  840	0% 0% 0% -0.62%  2.48%  2.38%  1.14%  -1.42%  -0.59%  Change <sup>4</sup> 4.09%  A	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% Fe) Iron ore concentrate index cfr Qingdao (65% 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)	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% -3.35% 20.37%	▼ ▼	25 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Indian dome	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  840 762	0% 0% 0% 0% -0.62%  2.48%  2.38%  1.42%  -1.42%  -0.59%  Change <sup>†</sup> 4.09%  4.1%	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% 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)	122-122* 156-156* 1,498.14* Price 74.39* 119.33* 92.58* 1.30*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% -3.35% 20.37%	▼ ▼	25 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with fronce ex-works Sillet Heavy plate Hot rolled coil Cold rolled rol	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  840 762 736	0% 0% 0% 0% -0.62%  2.48%  2.38%  1.42% -1.42%  -0.59%  Change <sup>†</sup> 4.09%  4.1%  1.38%  A	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet  Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% Fe) Iron ore concentrate index cfr Qingdao (65% 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)	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*	0% 0% 3.39%  Change* -0.01% -0.64% -3.35%  20.37%  Change* 3.1%	▼ ▼	29 Jan  29 Jan  29 Jan  29 Jan  02 Feb  02 Feb  01 Feb  Assess  03 Jan
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Indian dome	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  i 840 762 736 668	0% 0% 0% 0% -0.62%  2.48%  2.38%  1.42%  -1.42%  -0.59%  Change <sup>†</sup> 4.09%  4.1%  1.38%  1.52%  A	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% 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	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*	0% 0% 3.39%  Change* -0.01% -0.64% 20.37%  Change* 3.1%	▼ ▼	29 Jan 29 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb Assess 03 Jan
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Indian dome	630-635* 570-585* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  i 840 762 736 668 911	0% 0% 0% 0% -0.62%  2.48%  2.38%  1.42%  -1.42%  -0.59%  Change*  4.09%  4.1%  1.38%  1.52%  0.55%   0.55%	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*	0% 0% 3.39%  Change <sup>t</sup> -0.01% -0.64% 20.37%  Change <sup>t</sup> 3.1%  Change <sup>t</sup> 1.15%	▼ ▼	25 Jan 29 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb  Assess 03 Jan Assess 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with, tonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil DRI Hot-dip galvanized coil Rebar  STEELBENCHMARKER™ PRICES	630-635* 570-585* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  i 840 762 736 668 911	0% 0% 0% 0% -0.62%  2.48%  2.38%  1.42%  -1.42%  -0.59%  Change*  4.09%  4.1%  1.38%  1.52%  0.55%   0.55%	02 Feb 18 02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*	0% 0% 3.39%  Change* -0.01% -0.64% 20.37%  Change* 3.1%	▼ ▼	25 Jan 29 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb  Assess 03 Jan Assess 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with fonne ex-works Billet Heavy plate Hot rolled coil Cold rolled coil (\$/metric tonne) Cold rolled coil (\$/metric tonne) Hot rolled coil (\$/short ton) Cold rolled coil (\$/short ton) Cold rolled coil (\$/short ton) Region: Mainland China Rebar	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  i 840 762 736 668 911 826	0% 0% 0% 0%  -0.62%  2.48%  2.38%  -1.42%  -1.42%  -0.59%   Change*  4.09%  4.1%  1.38%  1.52%  0.55%  △	02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*  Price 211.31-211.31* 192.45-192.45*	0% 0% 3.39%  Change <sup>t</sup> -0.01% -0.64% 20.37%  Change <sup>t</sup> 3.1%  Change <sup>t</sup> 1.15% 1.28%	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	25 Jan 29 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb  Assess 03 Jan Assess 02 Feb 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Indian dome	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  i 840 762 736 668 911 826 530	0% 0% 0% 0%  -0.62%  2.48%  2.38%  -1.42%  -1.42%  -0.59%   Change <sup>†</sup> 4.09%  4.1%  1.38%  1.52%  0.55%  0.49%   -0.19%	02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*  Price 211.31-211.31* 192.45-192.45* 216.94-216.94*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% 20.37%  Change <sup>†</sup> 3.1%  Change <sup>†</sup> 1.15% 1.28% 3.48%	▼ ▼	25 Jan 29 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb  Assess 03 Jan Assess 02 Feb 02 Feb 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with 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) Hot rolled coil (\$/short ton) Cold rolled coil (\$/short ton) Region: Mainland China Rebar  Standard plate Hot rolled coil	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  i 840 762 736 668 911 826 530 538	0% 0% 0% 0%  -0.62% 2.48% 2.38% 2.14% -1.42% 1.95% -0.59%  Change*  4.09% 4.1% 1.38% A 1.52% A 0.55% A 0.49%  -0.19%  -0.19%  -1.28%  ▼	02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*  Price 211.31-211.31* 192.45-192.45*	0% 0% 3.39%  Change <sup>t</sup> -0.01% -0.64% 20.37%  Change <sup>t</sup> 3.1%  Change <sup>t</sup> 1.15% 1.28%	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	25 Jan 29 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb  Assess 03 Jan Assess 02 Feb 02 Feb 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with 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) Cold rolled coil (\$/short ton) Region: Mainland China Rebar  Standard plate Hot rolled coil Cold rolled coil	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  i 840 762 736 668 911 826 530 538 540	0% 0% 0% 0%  -0.62%	02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  Iron ore index (62% 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)  GOKING GOAL \$ 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	1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*  Price 211.31-211.31* 192.45-192.45* 216.94-216.94* 181.55-181.55*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% 20.37%  Change <sup>†</sup> 3.1%  Change <sup>†</sup> 1.15% 1.28% 3.48% 0%	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	25 Jan 29 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb  Assess 03 Jan Assess 02 Feb 02 Feb 02 Feb 02 Feb
Hot rolled coil (commodity) Hot rolled coil (CR grade) Cold rolled Indian domestic Metal Bulletin's appraisal of prices with frome ex-works Billet Heavy plate Hot rolled coil Cold rolled coil Cold rolled coil Rebar  STEELBENCHMARKER** 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) Cold rolled coil (\$/short ton) Region: Mainland China Rebar  Standard plate Hot rolled coil (\$/short ton)	630-635* 570-585* 570-575*  in India for commercial- 31,800-32,000* 41,000-41,500* 42,750-43,250* 47,500-48,000* 20,700-20,900* 52,000-52,500* 33,800-34,000*   Price  i 840 762 736 668 911 826 530 538 540	0% 0% 0% 0%  -0.62%	02 Feb 18	Grade 304 cold rolled sheet Grade 316L cold rolled sheet Raw materials index EU domestic stainless steel \$ per tonne 304 Europe raw materials index  CHINA IRON ORE  cfr main China port \$ per dry metric tonne  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	122-122* 156-156*  1,498.14*  Price 74.39* 119.33* 92.58*  1.30*  Price 66.87-66.87*  Price 211.31-211.31* 192.45-192.45* 216.94-216.94*	0% 0% 3.39%  Change <sup>†</sup> -0.01% -0.64% 20.37%  Change <sup>†</sup> 3.1%  Change <sup>†</sup> 1.15% 1.28% 3.48%	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	25 Jan 29 Jan 29 Jan 29 Jan 02 Feb 02 Feb 01 Feb  Assess 03 Jan Assess 02 Feb 02 Feb 02 Feb

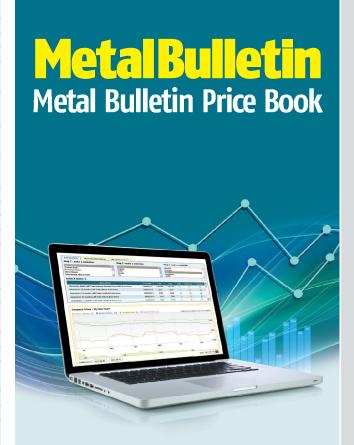
5 February 2018   Metal Bulletin D	aily   Number	9546.1				Copyright © 2	2002-2018	Meta	al Bulletin
FERROUS SCRAP						Price	Change		Assessed
	Price	Change <sup>†</sup>		Assessed	Turkish domestic				
UK ferrous scrap domestic					MB assessment delivered				
The following is Metal Bulletin's evaluation o	f UK prices for pro	ocessed scrap de	elivere	ed to	Melting scrap from shipbreaking			_	
consumers within the month listed. Prices m		•			(\$/tonne)	350-358*	-3.41%	<u> </u>	29 Jan 18
should be read in conjunction with editorial of	comment on the F	errous scrap pag	ges.		Auto bundle scrap (Turkish lira/tonne)	1,210-1,400*	-4.74%		29 Jan 18
£/tonne					USA export				
Cut grades					AMM ferrous scrap export index \$/tonne Ea	st Coast fob New Yo			
OA plate and structural	210-235*	9.88%	<b>A</b>	16 Jan 18	HMS 1&2 (80:20)	325*	-5.03%	▼	31 Jan 18
1&2 old steel	190-215*	10.96%	<b>A</b>	16 Jan 18	Shredded	347.27*	0%		31 Jan 18
12A/C new production heavy and shovellable steel	215-240*	7.06%	<u> </u>	16 Jan 18	USA domestic  AMM Midwest index \$/gross ton delivered i	nill			
12D new production heavy and shovellable steel	220-245*	6.9%	<u> </u>	16 Jan 18	No1 heavy melting scrap	308.13*	12.1%	<b>A</b>	10 Jan 18
Bales and cuttings	220 2 10	0.070		10001110	No1 busheling	370.29*	6.52%	<b>A</b>	10 Jan 18
4A new steel bales	220-245*	6.9%	<u> </u>	16 Jan 18	Shredded	329.55*	10.96%	<b>A</b>	10 Jan 18
4C new steel bales	210-235*			16 Jan 18	China domestic				
8A new loose light cuttings	205-235*			16 Jan 18	yuan/tonne delivered mill				
	190-220*			16 Jan 18	Heavy scrap	2,300-2,530*	0%		02 Feb 18
8B new loose light cuttings	190-220	1.03/0		10041110	Taiwan import	, , , , , ,			
Turnings  UK inter-merchant 7B heavy steel					\$/tonne cfr main port				
turnings	165-185*	9.38%	<b>A</b>	16 Jan 18	· ·	330-335*	-2.92%	•	02 Feb 18
Cast iron					HMS 1&2 (80:20 mix) (USA material)	33U-333	-2.92%	<b>*</b>	UZ PED 18
9A/10 heavy and light cast iron	190-215*	8%	<u> </u>	16 Jan 18	Germany domestic				
9B/C cylinder block scrap	210-235*			16 Jan 18	€/tonne composite sales price ex-yard, sour				
11A cast iron borings	130-150*			16 Jan 18	No E2/8 (new steel scrap)	270.60	3.05%	<b>A</b>	01 Jan 18
	100 100	12/0	_	10001110	No E1 (old steel scrap)	244.5	1.88%	<b>A</b>	01 Jan 18
Prices relate to new UK scrap specifications	. ,				No E3 (old thick steel scrap)	266.30	1.84%		01 Jan 18
Please see MB.com for full explanation of pr	ice changes				No E40 (shredded steel scrap)	272.90	4.08%	<b>A</b>	01 Jan 18
UK intermerchant weekly price					No E5 (steel turnings)	222.60	3.82%	<b>A</b>	01 Jan 18
£/tonne					MB assessment €/tonne delivered at mill				
5C loose old light	90-115*	-8.89%	▼	02 Feb 18	Grade E40 (shredded steel scrap)	285-295	2.65%	$\blacktriangle$	12 Jan 18
UK ferrous scrap export					No E8 (thin new production steel				
MB assessment \$ fob main UK port					scrap)	285-290	2.68%		12 Jan 18
HMS 1&2 (80:20 mix)	321-323*	-2.72%	▼	02 Feb 18	No E3 (old thick scrap)	280-295	3.6%	<b>A</b>	12 Jan 18
Shredded	326-328*	-2.68%	▼	02 Feb 18	Italy domestic				
Indian imports					MB assessment €/tonne delivered at mill				
MB assessment \$/tonnne cfr Nhava Sheva					No E3 (old thick scrap)	290	5.26%	$\blacktriangle$	12 Jan 18
MB index cfr India shredded	366.16*	-0.48%	•	02 Feb 18	No E8 (thin new production steel)	315	4.07%	<b>A</b>	12 Jan 18
HMS 1&2 (80:20 mix)	330-345*		<u> </u>	02 Feb 18					
	330-343	-0.74 /0	•	0216010					
Alloy steel scrap domestic					SCRAP SUBSTITUTES				
UK wholesale merchants' stainless (£/tonne						Price	Change <sup>†</sup>		Assessed
18/8 solids	950-980*			02 Feb 18	EU imports \$/tonne				
18/8 turnings	810-835*			02 Feb 18	Pig iron imports cif Italy	370-375*	-4.49%	▼	01 Feb 18
12-13% Cr solids	230-250*	0%		02 Feb 18	Latin American exports \$/tonne, delive	ry terms as stated			
16-17% Cr solids	240-280*	0%		02 Feb 18	Hot briquetted iron Venezuela	225-230*	0%		02 Feb 18
Cif Europe stainless € per tonne					Pig iron fob Vitorio/Rio	375-380*	0%		02 Feb 18
18/8 solids	1,140-1,170*	0.43%	<u> </u>	02 Feb 18	Pig iron fob Ponta da Maderia	390-395*	0%		02 Feb 18
18/8 turnings	1,025-1,055*	0.48%	<u> </u>	02 Feb 18	US imports \$/tonne cfr Gulf of Mexico				
Rotterdam export					Pig iron	390-400*	-1.86%	▼	02 Feb 18
MB assessment \$/tonnne fob Rotterdam					CIS exports \$/tonne fob main port	000 100	1.0070	•	0210010
MB index fob Rotterdam HMS 1&2					Pig iron Baltic Sea	395-400*	0%		01 Fab 19
(80:20)	322.06*	-2.55%	▼	02 Feb 18	•			▼	01 Feb 18
HMS 1&2 (70:30 mix)	311-314*	-2.34%	▼	02 Feb 18	Pig iron Black Sea	350-375*	-2.03%	•	01 Feb 18
Shredded	321-324*	-2.27%	▼	02 Feb 18	China domestic yuan/tonne delivered w		00/		00.5
Turkish import					Pig iron	3,000-3,050*	0%		02 Feb 18
MB assessment \$/tonne cfr main Turkish po	rts								
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	336.80*	-2.8%	•	02 Feb 18					
MB index cfr Turkey HMS 1&2 (80:20)	0.45.00*								
(United States material)	345.30*			02 Feb 18					
HMS 1&2 (75:25 mix)	330-333*			02 Feb 18					
Shredded	349-351*	-2.51%	▼	02 Feb 18					

NON-FERROUS SCRAP EUROPE				STEELBENCHMARKER™ SCRAP PRIC	ES		
	Price	Change <sup>†</sup>	Assessed		Price	Change <sup>†</sup>	Assess
Aluminium				Region: USA, east of the Mississippi			
European free market MB assessment €/to	nne			Shredded scrap (\$/metric tonne) **	339	0%	22 Jan
Floated frag	1,300-1,330*	0%	26 Jan 18	Shredded scrap (\$/gross ton)**	345	0%	22 Jan
Cast	1,200-1,270*	0%	26 Jan 18	No 1 heavy melting scrap (\$/metric	040	0 70	22 0011
Mixed turnings 6%	1,130-1,175*	0%	26 Jan 18	tonne)	305	0%	22 Jan
	1,130-1,175	U 70	20 Jaii 10	No 1 heavy melting scrap (\$/gross			
Germany per 1000kg	1 000 1 470	0.250/	01 lon 10	ton)	310	0%	22 Jan
Pure cuttings	1,380-1,470		31 Jan 18	No 1 busheling scrap (\$/metric			
Commercial cast	1,230-1,350	0%	31 Jan 18	tonne)	379	0%	22 Jan
H9 extrusions	1,750-1,810		31 Jan 18	No 1 busheling scrap (\$/gross ton)	385	0%	22 Jan
Alloy turnings	1,070-1,150	0%	31 Jan 18	**For shredded scrap the region is for all but	the West Coast		
Source: VDM							
France per 1000kg				UK NON-FERROUS SCRAP			
Pure cuttings	1,630-1,650	-1.5%	7 30 Jan 18		Price	Change <sup>†</sup>	Assess
Old rolled	800-830	0%	30 Jan 18	Aluminium - actual price			
Commercial cast	1,000-1,020	0%	30 Jan 18	£ per tonne			
Source: Lettre d'Information Metaux					1 420-1 470*	0.9/	31 Jan
Italy per 1000kg				Group 1 pure 99% & Litho	1,420-1,470*	0%	
Pure cuttings	1,130-1,230	0.43%	26 Jan 18	Commercial pure cuttings	1,180-1,230*	0%	31 Jan
Old mixed scrap	1,520-1,590	-1.27%		Clean HE9 extrusions	1,410-1,460*	0%	31 Jan
Commercial cast	1,040-1,090		26 Jan 18	Loose old rolled cuttings	880-920*	0%	31 Jan
Source: Assomet	.,	,,,		Baled old rolled	950-980*	0%	31 Jan
				Commercial cast	1,030-1,080*	0%	31 Jan
Copper				Cast wheels	1,270-1,300*	0%	31 Jan
Germany per 1000kg				Commercial turnings	700-750*	0%	31 Jan
Copper wire (berry)	5,420-5,600		31 Jan 18	Group 7 turnings	615-650*	0%	31 Jan
Heavy copper	4,870-5,010		31 Jan 18	MB and LME aluminium scrap discounts			
Heavy brass	3,450-3,510		31 Jan 18	£ per tonne			
Brass turnings (MS 58)	3,900-4,020	1.28%	31 Jan 18	Group 1 pure 99% & Litho	108-158*	-13.64%	▼ 31 Jan
Brass sheet (MS 63)	4,080-4,210	1.22%	31 Jan 18	Commercial pure cuttings	348-398*		▼ 31 Jan
Source: Verein Deutscher Metallhandler				Clean HE9 extrusions	118-168*		▼ 31 Jan
France per 1000kg				Loose old rolled cuttings	461-501*		▲ 31 Jan
Electro cuttings	5,000-5,050	-2.9%	30 Jan 18	Baled old rolled	401-301		▲ 31 Jan
No 1 bright wire	4,650-4,700	-1.06%	7 30 Jan 18				
Mixed (96%)	4,600-4,650	-1.07%	7 30 Jan 18	Control cast	301-351*		▲ 31 Jan ▲ 31 Jan
Brass plate cuttings 70/30	3,800-3,850	-1.29%		Cast wheels	81-111*		
Brass turnings	3,330-3,350	-1.04%		Commercial turnings	631-681*		▲ 31 Jan
Mixed brass	3,200-3,280	-0.31%		Group 7 turnings	731-766*	1.91%	▲ 31 Jan
	0,200 0,200	0.0170	00001110	Titanium			
Source: Lettre d'Information Metaux				\$/lb cif			
Italy per 1000kg				Turnings, unprocessed type 90/6/4			
Electrolytic dd EN 12861-S-Cu-2	5,367-5,527	-0.78%		(0.5% Sn max)	1.05-1.10*	4.88%	▲ 31 Jan
Enamelled wire EN 12861-S-Cu-3	5,245-5,407	0%	26 Jan 18	Turnings, unprocessed 90/6/4 (over			
New from tubes, strips etc EN	5 260 E 407	_0 E70/	7 06 lon 10	0.5% max 2% Sn)	0.90-0.95*	0%	31 Jan
12861-S-Cu-4	5,269-5,497	-0.57%	7 26 Jan 18	Copper scrap discount			
Old from tubes, strips etc 12861-S-Cu-7	5,097-5,267	0.23%	26 Jan 18	cents/lb			
EN12861-S-Cu-Zn-1-A-Cu 63.5%	4,410-4,495		26 Jan 18	No 2 copper (birch/cliff) imported			
	1,110 4,400	U.LU /U	20001110	into China 94-96% cif China	29-31*	-7.69%	<b>7</b> 29 Jan
Mixed from valves/taps EN 12861-S-Cu-Zn-6	3,610-3,940	0.67%	26 Jan 18				

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Price   Price   Change*   Alsessed   Aluminium UK £/none   MB free market	NON-FERROUS FOUNDRY INGOTS			
MB free market		Price	Change <sup>†</sup>	Assessed
MB free market	Aluminium UK £/tonne			
LM6/LM25 gravity diecasting ingot         1,820-1,860*         0.27%         ▲         31 Jan 18           NB: prices expressed delivered consumer works, LM series as specified in BS1490           Aluminium Europe         MB free market           Duty paid delivered works pressure diecasting ingot price (DIN226/A380) -€/none         1,820-1,870*         0.54%         ▲         26 Jan 18           Aluminium US \$/ib delivered Midwest         4.380.1 alloy         0.98-0.99*         0%         01 Feb 18           AFFIMET €/none         4.512         3,739         0%         01 Jan 18           AS12 UN         2,920         22.95%         ▲         01 Jan 18           AS9 U3         2,645         1.54%         ▲         01 Jan 18           AS5 UN         2,920         22.95%         ▲         01 Jan 18           AS 50 U3         2,645         1.54%         ▲         01 Jan 18           AS 50 U3         2,645         1.54%         ▲         01 Jan 18           AS 50 U3         2,645         1.54%         ▲         31 Jan 18           DIN 226         2,440-2,540         0.81%         ▲         31 Jan 18           DIN 226         2,500-2,600         0.79%         ▲         31 Jan 18           B1 ex-works<				
MB/LM25 gravity diecasting ingot   1,820-1,860*   0,27%	LM24 pressure diecasting ingot	1,620-1,670*	0.3%	▲ 31 Jan 18
NB: prices expressed delivered consumer works, LM series as specified in BS1490	LM6/LM25 gravity diecasting ingot		0.27%	▲ 31 Jan 18
MB free market				
MB free market	Aluminium Europe			
Din 21	·			
Aluminum US \$/lb delivered Midwest   A380.1 alloy   0.98-0.99*   0%   01 Feb 18	Duty paid delivered works pressure			
Aluminum US \$/Ib delivered Midwest  A380.1 alloy  0.98-0.99*  0%  01 Feb 18  AFFIMET €/tonne  AS12  3,739  0%  01 Jan 18  AS12 UN  2,920  22.95%  A 01 Jan 18  AS9 U3  2,295  1.77%  A 01 Jan 18  AS5 U3  2,645  1.54%  A 01 Jan 18  Reflects generally larger traded lots  VDM €/1000 kg delivered  DIN 226  2,440-2,540  0.81%  A 31 Jan 18  DIN 231  2,520-2,620  0.78%  A 31 Jan 18  AIUminium bronze £/tonne UK  AB1 ex-works  5,000  -0.4%  A 30 Jan 18  AB2 ex-works  5,050  -0.39%  30 Jan 18  Source: C.F. Booth Ltd  Brass UK £/tonne  G2 85/5/5/5 ex-works  4,770  -0.42%  A 30 Jan 18  Source: C.F. Booth Ltd  Cunmetal UK £/tonne  LG2 85/5/5/5 ex-works  5,370  -0.37%  30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  B1 ex-works  6,080  -0.33%  30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works  6,200  0%  30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works  6,250  0%  30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Fock Metal CO contract alloy price (delivered UK)  Brock Metal ZL3  3,062  4.4%  A 01 Jan 18	diecasting ingot price (DIN226/A380)			
A380.1 alloy 0.98-0.99* 0% 01 Feb 18  AFFIMET €/tonne  AS12 3,739 0% 01 Jan 18  AS12 UN 2,920 22.95% ▲ 01 Jan 18  AS9 U3 2,295 1.77% ▲ 01 Jan 18  AS5 U3 2,645 1.54% ▲ 01 Jan 18  Reflects generally larger traded lots  VDM €/1000 kg delivered  DIN 226 2,440-2,540 0.81% ▲ 31 Jan 18  DIN 231 2,520-2,620 0.78% ▲ 31 Jan 18  DIN 311 2,500-2,600 0.79% ▲ 31 Jan 18  Aluminium bronze £/tonne UK  AB1 ex-works 5,000 -0.4% ▼ 30 Jan 18  AB2 ex-works 5,050 -0.39% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Brass UK £/tonne  SCB3 ex-works 4,090 -0.24% ▼ 30 Jan 18  High tensile HTB1 ex-works 4,390 -0.23% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Gunmetal UK £/tonne  LG2 85/5/5/5 ex-works 4,770 -0.42% ▼ 30 Jan 18  Gal 1.1.15 PB ex-works 5,370 -0.37% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  PB1 ex-works 6,080 -0.33% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  PB1 ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18		1,820-1,870*	0.54%	▲ 26 Jan 18
AFFIMET €/tonne  AS12	Aluminum US \$/lb delivered Midwest			
AS12	A380.1 alloy	0.98-0.99*	0%	01 Feb 18
AS12 UN 2,920 22.95%	AFFIMET €/tonne			
AS9 U3 2,295 1.77%	AS12	3,739	0%	
AS5 U3 2,645 1.54% ▲ 01 Jan 18  Reflects generally larger traded lots  VDM €/1000 kg delivered  DIN 226 2,440-2,540 0.81% ▲ 31 Jan 18  DIN 231 2,520-2,620 0.78% ▲ 31 Jan 18  DIN 311 2,500-2,600 0.79% ▲ 31 Jan 18  Aluminium bronze £/tonne UK  AB1 ex-works 5,000 -0.4% ▼ 30 Jan 18  Ba2 ex-works 5,050 -0.39% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Brass UK £/tonne  SCB3 ex-works 4,090 -0.24% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Gunmetal UK £/tonne  LG2 85/5/5/5 ex-works 4,770 -0.42% ▼ 30 Jan 18  G11.15 PB ex-works 5,370 -0.37% ▼ 30 Jan 18  G11.15 PB ex-works 6,080 -0.33% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Phosphor C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	AS12 UN	2,920	22.95%	▲ 01 Jan 18
Reflects generally larger traded lots  VDM €/1000 kg delivered  DIN 226	AS9 U3	2,295	1.77%	▲ 01 Jan 18
VDM €/1000 kg delivered           DIN 226         2,440-2,540         0.81%         ▲ 31 Jan 18           DIN 231         2,520-2,620         0.78%         ▲ 31 Jan 18           DIN 311         2,500-2,600         0.79%         ▲ 31 Jan 18           Aluminium bronze £/tonne UK           AB1 ex-works         5,000         -0.4%         ▼ 30 Jan 18           AB2 ex-works         5,050         -0.39%         ▼ 30 Jan 18           Source: C.F. Booth Ltd           Brass UK £/tonne           Source: C.F. Booth Ltd           Gunmetal UK £/tonne           LG2 85/5/5/5 ex-works         4,770         -0.42%         ▼ 30 Jan 18           Gurce: C.F. Booth Ltd           Phosphor bronze UK £/tonne           PB1 ex-works         6,080         -0.33%         ▼ 30 Jan 18           Source: C.F. Booth Ltd           Phosphor bronze UK £/tonne           PB1 ex-works         6,550         -0.3%         ▼ 30 Jan 18           Source: C.F. Booth Ltd           Phosphor copper £/tonne           10% Pex-works         6,250         0%         30 Jan 18	AS5 U3	2,645	1.54%	▲ 01 Jan 18
DIN 226	Reflects generally larger traded lots			
DIN 231	VDM €/1000 kg delivered			
DIN 311 2,500-2,600 0.79% ▲ 31 Jan 18  Aluminium bronze £/tonne UK  AB1 ex-works 5,000 -0.4% ▼ 30 Jan 18  AB2 ex-works 5,050 -0.39% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Brass UK £/tonne  SCB3 ex-works 4,090 -0.24% ▼ 30 Jan 18  Bource: C.F. Booth Ltd  Gunmetal UK £/tonne  LG2 85/5/5/5 ex-works 4,770 -0.42% ▼ 30 Jan 18  LG4 87/7/3/3 ex-works 5,370 -0.37% ▼ 30 Jan 18  LG4 87/7/3/3 ex-works 6,080 -0.33% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	DIN 226	2,440-2,540	0.81%	▲ 31 Jan 18
Aluminium bronze £/tonne UK  AB1 ex-works 5,000 -0.4% ▼ 30 Jan 18  AB2 ex-works 5,050 -0.39% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Brass UK £/tonne  SCB3 ex-works 4,090 -0.24% ▼ 30 Jan 18  High tensile HTB1 ex-works 4,390 -0.23% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Gunmetal UK £/tonne  LG2 85/5/5/5 ex-works 4,770 -0.42% ▼ 30 Jan 18  LG4 87/7/3/3 ex-works 5,370 -0.37% ▼ 30 Jan 18  LG4 87/7/3/3 ex-works 6,080 -0.33% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	DIN 231	2,520-2,620	0.78%	▲ 31 Jan 18
AB1 ex-works 5,000 -0.4% ▼ 30 Jan 18  AB2 ex-works 5,050 -0.39% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Brass UK £/tonne  SCB3 ex-works 4,090 -0.24% ▼ 30 Jan 18  High tensile HTB1 ex-works 4,390 -0.23% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Gunmetal UK £/tonne  LG2 85/5/5/5 ex-works 4,770 -0.42% ▼ 30 Jan 18  LG4 87/7/3/3 ex-works 5,370 -0.37% ▼ 30 Jan 18  G11.15 PB ex-works 6,080 -0.33% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	DIN 311	2,500-2,600	0.79%	▲ 31 Jan 18
AB2 ex-works 5,050 -0.39% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Brass UK £/tonne  SCB3 ex-works 4,090 -0.24% ▼ 30 Jan 18  High tensile HTB1 ex-works 4,390 -0.23% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Gunmetal UK £/tonne  LG2 85/5/5/5 ex-works 4,770 -0.42% ▼ 30 Jan 18  LG4 87/7/3/3 ex-works 5,370 -0.37% ▼ 30 Jan 18  G1 1.15 PB ex-works 6,080 -0.33% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	Aluminium bronze £/tonne UK			
Source: C.F. Booth Ltd	AB1 ex-works	5,000	-0.4%	▼ 30 Jan 18
Brass UK £/tonne         SCB3 ex-works       4,090       -0.24%       ▼ 30 Jan 18         High tensile HTB1 ex-works       4,390       -0.23%       ▼ 30 Jan 18         Source: C.F. Booth Ltd       Gunmetal UK £/tonne         LG2 85/5/5/5 ex-works       4,770       -0.42%       ▼ 30 Jan 18         LG4 87/7/3/3 ex-works       5,370       -0.37%       ▼ 30 Jan 18         G11.15 PB ex-works       6,080       -0.33%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         PB1 ex-works       6,550       -0.3%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor copper £/tonne         10% P ex-works       6,200       0%       30 Jan 18         15% P ex-works       6,250       0%       30 Jan 18         Source: C.F. Booth Ltd       Source: C.F. Booth Ltd       Expenditure of the color	AB2 ex-works	5,050	-0.39%	▼ 30 Jan 18
SCB3 ex-works       4,090       -0.24%       ▼ 30 Jan 18         High tensile HTB1 ex-works       4,390       -0.23%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Gunmetal UK £/tonne         LG2 85/5/5/5 ex-works       4,770       -0.42%       ▼ 30 Jan 18         LG4 87/7/3/3 ex-works       5,370       -0.37%       ▼ 30 Jan 18         G11.15 PB ex-works       6,080       -0.33%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor bronze UK £/tonne         PB1 ex-works       6,550       -0.3%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor copper £/tonne         10% P ex-works       6,200       0%       30 Jan 18         15% P ex-works       6,250       0%       30 Jan 18         Source: C.F. Booth Ltd         Zinc alloys UK £/tonne         Brock Metal Co contract alloy price (delivered UK)         Brock Metal ZL3       3,062       4.4%       01 Jan 18	Source: C.F. Booth Ltd			
High tensile HTB1 ex-works 4,390 -0.23% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Gunmetal UK £/tonne  LG2 85/5/5/5 ex-works 4,770 -0.42% ▼ 30 Jan 18  LG4 87/7/3/3 ex-works 5,370 -0.37% ▼ 30 Jan 18  G1 1.15 PB ex-works 6,080 -0.33% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,200 0% 30 Jan 18  15% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	Brass UK £/tonne			
Source: C.F. Booth Ltd         Gunmetal UK £/tonne         LG2 85/5/5/5 ex-works       4,770       -0.42%       ▼ 30 Jan 18         LG4 87/7/3/3 ex-works       5,370       -0.37%       ▼ 30 Jan 18         G1 1.15 PB ex-works       6,080       -0.33%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor bronze UK £/tonne         PB1 ex-works       6,550       -0.3%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor copper £/tonne         10% P ex-works       6,200       0%       30 Jan 18         Source: C.F. Booth Ltd         Zinc alloys UK £/tonne         Brock Metal Co contract alloy price (delivered UK)         Brock Metal ZL3       3,062       4.4%       △ 01 Jan 18	SCB3 ex-works	4,090	-0.24%	▼ 30 Jan 18
Gunmetal UK £/tonne         LG2 85/5/5/5 ex-works       4,770       -0.42%       ▼ 30 Jan 18         LG4 87/7/3/3 ex-works       5,370       -0.37%       ▼ 30 Jan 18         G1 1.15 PB ex-works       6,080       -0.33%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor bronze UK £/tonne         PB1 ex-works       6,550       -0.3%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor copper £/tonne         10% P ex-works       6,200       0%       30 Jan 18         Source: C.F. Booth Ltd         Zinc alloys UK £/tonne         Brock Metal Co contract alloy price (delivered UK)         Brock Metal ZL3       3,062       4.4%       ▲ 01 Jan 18	High tensile HTB1 ex-works	4,390	-0.23%	▼ 30 Jan 18
LG2 85/5/5/5 ex-works       4,770       -0.42%       ▼ 30 Jan 18         LG4 87/7/3/3 ex-works       5,370       -0.37%       ▼ 30 Jan 18         G1 1.15 PB ex-works       6,080       -0.33%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor bronze UK £/tonne         PB1 ex-works       6,550       -0.3%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor copper £/tonne         10% P ex-works       6,200       0%       30 Jan 18         Source: C.F. Booth Ltd         Zinc alloys UK £/tonne         Brock Metal Co contract alloy price (delivered UK)         Brock Metal ZL3       3,062       4.4%       ▲ 01 Jan 18	Source: C.F. Booth Ltd			
LG4 87/7/3/3 ex-works       5,370       -0.37%       ▼ 30 Jan 18         G11.15 PB ex-works       6,080       -0.33%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor bronze UK £/tonne         PB1 ex-works       6,550       -0.3%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor copper £/tonne         10% P ex-works       6,200       0%       30 Jan 18         15% P ex-works       6,250       0%       30 Jan 18         Source: C.F. Booth Ltd         Zinc alloys UK £/tonne         Brock Metal Co contract alloy price (delivered UK)         Brock Metal ZL3       3,062       4.4%       ▲ 01 Jan 18	Gunmetal UK £/tonne			
G11.15 PB ex-works 6,080 -0.33% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor bronze UK £/tonne  PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,200 0% 30 Jan 18  15% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	LG2 85/5/5/5 ex-works	4,770	-0.42%	▼ 30 Jan 18
Source: C.F. Booth Ltd         PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor copper £/tonne         10% P ex-works 6,200 0% 30 Jan 18         15% P ex-works 6,250 0% 30 Jan 18         Source: C.F. Booth Ltd         Zinc alloys UK £/tonne         Brock Metal Co contract alloy price (delivered UK)         Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	LG4 87/7/3/3 ex-works	5,370	-0.37%	▼ 30 Jan 18
Phosphor bronze UK £/tonne         PB1 ex-works       6,550       -0.3%       ▼ 30 Jan 18         Source: C.F. Booth Ltd         Phosphor copper £/tonne         10% P ex-works       6,200       0%       30 Jan 18         15% P ex-works       6,250       0%       30 Jan 18         Source: C.F. Booth Ltd         Zinc alloys UK £/tonne         Brock Metal Co contract alloy price (delivered UK)         Brock Metal ZL3       3,062       4.4%       ▲ 01 Jan 18	G1 1.15 PB ex-works	6,080	-0.33%	▼ 30 Jan 18
PB1 ex-works 6,550 -0.3% ▼ 30 Jan 18  Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,200 0% 30 Jan 18  15% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	Source: C.F. Booth Ltd			
Source: C.F. Booth Ltd  Phosphor copper £/tonne  10% P ex-works 6,200 0% 30 Jan 18  15% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	Phosphor bronze UK £/tonne			
Phosphor copper £/tonne           10% P ex-works         6,200         0%         30 Jan 18           15% P ex-works         6,250         0%         30 Jan 18           Source: C.F. Booth Ltd           Zinc alloys UK £/tonne           Brock Metal Co contract alloy price (delivered UK)           Brock Metal ZL3         3,062         4.4%         ▲ 01 Jan 18	PB1 ex-works	6,550	-0.3%	▼ 30 Jan 18
10% P ex-works         6,200         0%         30 Jan 18           15% P ex-works         6,250         0%         30 Jan 18           Source: C.F. Booth Ltd           Zinc alloys UK £/tonne           Brock Metal Co contract alloy price (delivered UK)           Brock Metal ZL3         3,062         4.4%         ▲ 01 Jan 18	Source: C.F. Booth Ltd			
10% P ex-works         6,200         0%         30 Jan 18           15% P ex-works         6,250         0%         30 Jan 18           Source: C.F. Booth Ltd           Zinc alloys UK £/tonne           Brock Metal Co contract alloy price (delivered UK)           Brock Metal ZL3         3,062         4.4%         ▲ 01 Jan 18	Phosphor copper £/tonne			
15% P ex-works 6,250 0% 30 Jan 18  Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	10% P ex-works	6,200	0%	30 Jan 18
Source: C.F. Booth Ltd  Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% • 01 Jan 18				
Zinc alloys UK £/tonne  Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18				
Brock Metal Co contract alloy price (delivered UK)  Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18				
Brock Metal ZL3 3,062 4.4% ▲ 01 Jan 18	•	ed UK)		
			4.4%	▲ 01 Jan 18
		3,091		



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# Monthly averages: January

<b>BASE METALS</b>			
		Low	High
Aluminium			
Aluminium P1020 premium, duty un	A, in-warehouse Rotterdam paid, spot \$/tonne	94.73	101.73
Aluminium P1020 duty paid, spot \$/t	A, in-warehouse Rotterdam onne	159.11	167.56
Alumina			
Index fob Australia	a	386.42	
Copper			
US High-grade cat indicator, \$/tonne	thode premium	116.84	127.87
Nickel			
Free market in war	rehouse premium		
Europe \$/tonne	Uncut cathodes	216	266
	4x4 cathodes	341	416
	Briquettes	274	312
US	Melting \$/lb	0.25	0.35
Tin			
European free mai	rket		
Spot Premium 99.	9%, \$/tonne	304	336
Spot premium 99.	85%, \$/tonne	250	300
Kuala Lumpur (ex	-smelter), \$/tonne	20,410	

Kuala Lumpur (ex-smelter), \$/tonne	20,410	
MINORMETALS		
Antimony		
MB free market Regulus 99.65%,		
max Se 50ppm, in warehouse,\$/tonne	8,100	8,411.11
MMTA Standard grade II, \$/tonne	8,100	8,411.11
Bismuth		
MB free market min. 99.99%, tonne lots,	5.00	5.40
in warehouse, \$/lb	5.02	5.40
Cadmium		
MB free market		
min 99.95%, in warehouse, cents/lb	97	105
min 99.99%, in warehouse cents/lb	99	108.67
Cobalt		
MB free market		
High Grade, in warehouse, \$/lb	36.89	37.94
Low Grade, in warehouse, \$/lb	36.26	37.55
Germanium Dioxide		
MB free market min 99.99%, \$/kg	838.33	967.78
Rotterdam, \$/kg	1,302.22	1,474.44
Indium		
MB free market ingots, min 99.97%,		
in warehouse, \$/kg	268.11	299.78
Magnesium		
MB free market min 99.8%, \$/tonne	2,300	2,400
China free market min 99.8%, \$/tonne	2,297.5	2,362.5
Mercury		
MB free marketmin 99.99%,		
in warehouse, \$/flask	1,850	2,250

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Selenium	Low	High	
MB free market min 99.5% in warehouse, \$/lb	18	19.5	
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,215	2,325	
Titanium			
Ferro-Titanium, 70% (max 4.5% AI), d/d Europe, \$/kg	4.92	5.54	

ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouseEurope drummed molybdic oxide \$/lb Mo	11.43	11.67
US canned molybdic oxide \$/lb Mo	11.45	11.69
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	27.97	28.68
Tungsten		
European free market APT, \$/mtu	311.25	319
Ferro-tungsten		
basis 75% W min, \$/kg	38.53	39.96
Vanadium		
min 98%, in-warehouse Rotterdam, V205, \$/lb	11.64	12.05
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	54.24	57.57
US Free market 70-80%, \$/lb	24.65	25.73

PRECIOUS METALS			
Gold			
London \$/troy oz	Morning	1,332.81	
	Afternoon	1,331.67	
London £/troy oz	Morning	965.16	
	Afternoon	963.65	
\$/troy oz	Handy/Harman	1,331.30	
Palladium			
Morning \$/troy oz		1,095.27	
Afternoon \$/troy oz		1,094.45	
Platinum: per troy oz			
Morning \$/troy oz		987.77	
Afternoon \$/troy oz		990.66	
Rhodium			
European free market			
min 99.9% in-warehouse, \$/troy	0Z	1,659.32	1,759.32
Silver			
London			
spot pence/troy oz		1,243.45	
spot cents/troy oz		1,716.84	
Handy/Harman cents/troy oz		1.712.71	

† week-on-week change continued >

5 February 2018   Metal Bulletin Daily   Number 9546.1						
FOUNDRY INGOTS						
	Low	High				
Aluminium						
LM24, £/tonne	1,614	1,664				
LM6/LM25, £/tonne	1,807	1,857				
Aluminium Europe €/tonne	1,800	1,850				
Phosphor Bronze						
PB1 ex-works, £/tonne	6,654					
Zinc Alloy						
ZL3, £/tonne	3,062					
•	3,062					

EXCHANGE RATES (CLOSING RATES)					
\$/£	1.38				
\$/yen	110.82				
\$/€	1.22				

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

LONDONI	METALEX	CHANGE

High, low and average January (22 days)

LME averages are mean of buyers and sellers except for

settlement and 3 months sellers.			
	Jan 2018		January
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	2,143.25	2,255.75	2,214.09
3 months	2,161.75	2,267.5	2,221.28
Settlement	2,143.5	2,256	2,214.5
3 months seller	2,162	2,268	2,221.68
Copper Grade A (\$)			
Cash	6,904.75	7,202.25	7,079.88
3 months	6,948.5	7,250.5	7,122.13
Settlement	6,905	7,202.5	7,080.30
3 months seller	6,949	7,251	7,122.77
Copper Grade A (£)			
Settlement	4,906.37	5,316.28	5,128.39
3 months seller	4,920.77	5,335.54	5,142.33
Lead (\$)			
Cash	2,535.5	2,642	2,589.08
3 months	2,529	2,642	2,586.51
Settlement	2,536	2,643	2,589.77
3 months seller	2,530	2,643	2,587.34
Lead (£)			
Settlement	1,828.14	1,928.42	1,875.42
3 months seller	1,821.87	1,915.31	1,867.49
Nickel (\$)			
Cash	12,410	13,885	12,876.02
3 months	12,465	13,885	12,912.39
Settlement	12,415	13,890	12,880.23
3 months seller	12,470	13,890	12,917.5
Tin (\$)			
Cash	19,957.5	22,102.5	20,703.30
3 months	19,912.5	21,907.5	20,593.07
Settlement	19,960	22,105	20,710.68

Copyright © 2002-2018 Metal Bulletin           January           Low         High         average           \$         \$           Zinc (\$)         3,350.25         3,609.25         3,446.75           3 months         3,330.5         3,550.25         3,412.28           Settlement         3,350.5         3,609.5         3,447.20           3 months seller         3,331         3,550.5         3,412.80           Cobalt (\$)           Cash         75,250         80,250         77,590.91           3 months         75,250         80,250         77,590.91
Low         High         average           \$         \$         \$           Zinc (\$)         \$         \$           Cash         3,350.25         3,609.25         3,446.75           3 months         3,330.5         3,550.25         3,412.28           Settlement         3,350.5         3,609.5         3,447.20           3 months seller         3,331         3,550.5         3,412.80           Cobalt (\$)           Cash         75,250         80,250         77,500
Zinc (\$)         \$         \$           Cash         3,350.25         3,609.25         3,446.75           3 months         3,330.5         3,550.25         3,412.28           Settlement         3,350.5         3,609.5         3,447.20           3 months seller         3,331         3,550.5         3,412.80           Cobalt (\$)           Cash         75,250         80,250         77,500
Zinc (\$)           Cash         3,350.25         3,609.25         3,446.75           3 months         3,330.5         3,550.25         3,412.28           Settlement         3,350.5         3,609.5         3,447.20           3 months seller         3,331         3,550.5         3,412.80           Cobalt (\$)           Cash         75,250         80,250         77,500
Cash         3,350.25         3,609.25         3,446.75           3 months         3,330.5         3,550.25         3,412.28           Settlement         3,350.5         3,609.5         3,447.20           3 months seller         3,331         3,550.5         3,412.80           Cobalt (\$)           Cash         75,250         80,250         77,500
Settlement         3,350.5         3,609.5         3,447.20           3 months seller         3,331         3,550.5         3,412.80           Cobalt (\$)           Cash         75,250         80,250         77,500
3 months seller 3,331 3,550.5 3,412.80  Cobalt (\$)  Cash 75,250 80,250 77,500
Cobalt (\$) Cash 75,250 80,250 77,500
Cash 75,250 80,250 77,500
7, 11
3 months 75 250 80 250 77 500 01
75,250 00,250 77,530.51
Settlement 75,500 80,500 77,750
3 months seller 75,500 80,500 77,840.91
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 1,818.41
3 months 1,785 1,970 1,832.05
Settlement 1,775 1,960 1,823.41
3 months seller 1,790 1,975 1,837.05
Nasaa (\$)
Cash 1,850.25 1,915 1,877.28
3 months 1,870 1,937.5 1,902.20
Settlement 1,850.5 1,920 1,879.20
3 months seller 1,875 1,940 1,905.59

LME SETTLEMENT CONVERSION RATES	
\$/£	1.38
\$/yen	110.90
\$/€	1.22