22 January 2018 | Metal Bulletin Daily | Number 9544.1

#### Dricos

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NEW YORK FUTURES			
	Price	Change <sup>†</sup>	Assessed
Comex: Copper high grade cents/lb			
Settlement	317.70	-1.14%	▼ 18 Jan 18
Open interest	283,847	-2.29%	▼ 17 Jan 18
Stocks (short ton)	213,072	0.37%	▲ 17 Jan 18
Comex: Gold \$/troy oz			
Settlement	1,326	0.41%	▲ 18 Jan 18
Open interest	596,189	5.07%	▲ 17 Jan 18
Stocks (troy oz)	9,477,089	2.93%	▲ 17 Jan 18
Nymex: Palladium \$/troy oz			
Settlement	1,093.30	1.58%	▲ 18 Jan 18
Stocks (troy oz)	40,690	0%	17 Jan 18
Nymex: Platinum \$/troy oz			
Settlement	1,005	1.83%	▲ 18 Jan 18
Stocks (troy oz)	189,520	-1.14%	▼ 17 Jan 18
Comex: Silver cents/troy oz			
Settlement	1,689.30	-0.01%	▼ 18 Jan 18
Open interest	194,981	-0.85%	▼ 17 Jan 18
SHANGHAI FUTURES			
SHANGHAIFOTORES			_
	Price	Change <sup>†</sup>	Assessed
Aluminium yuan/tonne	14,670		▼ 19 Jan 18
Copper yuan/tonne	53,620		▼ 19 Jan 18
Nickel cathode yuan/tonne	96,280	110170	▼ 19 Jan 18
Tin ingot yuan/tonne	142,620	0.0070	▼ 19 Jan 18
Zinc yuan/tonne	26,095	0.1.70	▼ 19 Jan 18
Steel rebar month 1 yuan/tonne	3,900		▼ 19 Jan 18
Steel rebar month 2 yuan/tonne	3,914	0.0070	▼ 19 Jan 18
Steel rebar month 3 yuan/tonne	3,955	1.33%	▲ 19 Jan 18
Weekly stocks deliverable			
Aluminium (tonnes)	783,759		▲ 19 Jan 18
Copper (tonnes)	176,233	*	▲ 19 Jan 18
Nickel cathode (tonnes)	57,165	0.170	▼ 19 Jan 18
Tin ingot (tonnes)	5,002	******	▼ 19 Jan 18
Zinc (tonnes)	79,342		▲ 19 Jan 18
Steel rebar (tonnes)	18,034	100.2%	▲ 19 Jan 18

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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>†</sup>	Assessed
Aluminium high grade \$			
Cash official	2,255-2,256	1.85%	19 Jan 18
Cash unofficial	2,234-2,236	3.3%	18 Jan 18
3 months official	2,253-2,254	1.38%	19 Jan 18
3 months unofficial	2,230-2,232	2.57%	18 Jan 18
LME Tapo notional average price (NAP)	2,201.38	0.11%	18 Jan 18
LME stocks (tonnes)	1,091,850	0.46%	18 Jan 18
Aluminium alloy (A380.1/DIN/D12S)\$			
LME cash official	1,830-1,840	3.09%	19 Jan 18
LME cash unofficial	1,819.5-1,829.5	1.9%	18 Jan 18
LME 3 months official	1,845-1,855	3.06%	19 Jan 18
LME 3 months unofficial	1,835-1,845	1.94% ▲	18 Jan 18
LME stocks (tonnes)	14,580	0%	18 Jan 18

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	Price	Change	Assessed
N. American special aluminium alloy		3.	
LME cash official	1,910-1,920	2.27%	19 Jan 18
LME cash unofficial	1,879.5-1,889.5	1.54%	18 Jan 18
LME 3 months official	1,930-1,940	2.38%	
LME 3 months unofficial	1,900-1,910	1.87%	
LME stocks (tonnes)	187,340	0.27%	18 Jan 18
	107,340	0.21 /0	10 3411 10
Copper grade A \$ LME cash official	7,078-7,079	0.12%	19 Jan 18
LME cash unofficial	7,076-7,079	-0.61% ▼	
LME 3 months official			19 Jan 18
LME 3 months unofficial	7,119-7,120	0.13% ▲ -0.52% ▼	18 Jan 18
	7,079-7,081	-0.3270 ▼	10 Jaii 10
LME Tapo notional average price (NAP)	7,107.96	-0.3% ▼	18 Jan 18
LME stocks (tonnes)	211,650	3.69% ▲	18 Jan 18
Lead \$			
LME cash official	2,605-2,608	2.8%	19 Jan 18
LME cash unofficial	2,593-2,595	1.31%	18 Jan 18
LME 3 months official	2,605-2,610	3.1%	19 Jan 18
LME 3 months unofficial	2,598-2,600	1.72%	18 Jan 18
LME stocks (tonnes)	139,250	-1.99% <b>▼</b>	18 Jan 18
Nickel\$			
LME cash official	12,590-12,595	-0.57% ▼	19 Jan 18
LME cash unofficial	12,425-12,450	-1% ▼	
LME 3 months official	12,605-12,610	-0.63% ▼	19 Jan 18
LME 3 months unofficial	12,475-12,500	-0.99% ▼	18 Jan 18
LME stocks (tonnes)	361,500	-1.23% ▼	18 Jan 18
Tin\$			
LME cash official	20,665-20,685	2.04%	19 Jan 18
LME cash unofficial	20,465-20,515	1.8%	
LME 3 months official	20,550-20,575	1.44%	19 Jan 18
LME 3 months unofficial	20,425-20,475	1.8%	18 Jan 18
LME stocks (tonnes)	1,980	-6.38% ▼	18 Jan 18
Zinc special high grade \$			
LME cash official	3,462.5-3,463	1.28%	19 Jan 18
LME cash unofficial	3,406.5-3,408.5	0.19%	
LME 3 months official	3,431-3,432	1.33%	19 Jan 18
LME 3 months unofficial	3,381-3,383	0.18%	18 Jan 18
LME stocks (tonnes)	179,975	-0.1% ▼	18 Jan 18
Cobalt min 99.3%	,		
LME cash official	80,000-80,500	6.64%	19 Jan 18
LME 3 months official	80,000-80,500	6.64%	19 Jan 18
LME stocks (tonnes)	554	-3.15% ▼	18 Jan 18
Molybdenum \$			
LME cash official	15,500-16,000	0%	19 Jan 18
LME 3 months official	15,500-16,000	0%	19 Jan 18
LME stocks (tonnes)	0	0%	18 Jan 18

† week-on-week change

22 January 2018   Metal Bulleti	n Daily   Numbe	er 9544.1				Copyright ©	2002-2018 Me	etal Bulle
Cold ¢/troy or	Price	Change		Assessed	MB BASE METAL PREMIUMS			
Gold \$/troy oz	1,335.80	0.22%	•	19 Jan 18	All prices \$/tonne unless otherwise stated			
London morning London afternoon	1,334.95	0.22 %	<del>-</del>	19 Jan 18	*MB Copyright			
Handy/Harman	1.332.20	0.69%	<u> </u>	18 Jan 18		Price	Change <sup>†</sup>	Asses
Silver per troy oz	1,002.20	0.0070	_		Copper			
London spot pence	1,227	-2.31%	▼	19 Jan 18	Annual premium 8mm wire rod, cif		_	_
London spot cents	1,704	-0.47%	▼	19 Jan 18	Nhava Sheva, \$/tonne	160-190*	-12.5% <b>V</b>	03 Ma
Handy/Harman	1,702	0.27%	<b>A</b>	18 Jan 18	Rotterdam, Grade A, cathode, cif, \$/tonne	45.0-50.0*	0%	16 Ja
Palladium \$/troy oz					North European warrants, Grade A			
London morning	1,106	2.22%	<b>A</b>	18 Jan 18	cathode, in-warehouse, \$/tonne	5.0-15.0*	0%	16 Ja
London afternoon	1,107	2.69%	<b>A</b>	18 Jan 18	Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	57.5-62.5*	0%	16 Ja
Platinum \$/troy oz					Leghorn, copper average premium,	37.3-02.3	U /0	100a
London morning	999	2.36%	<b>A</b>	18 Jan 18	Grade A, cathode, cif, \$/tonne	60*	0%	16 Ja
London afternoon	1,003	2.24%	<b>A</b>	18 Jan 18	South Korea, copper low-high			
Kuala Lumpur tin market					premium, Grade A, cathode, cif, \$/tonne	60.0-65.0*	0%	16 Ja
Tin \$/tonne	20,370	1.29%	<b>A</b>	19 Jan 18	South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	62.5*	0%	16 Ja
ICDX					Southeast Asian warrants, Grade A	02.0	0 70	1000
Tin PB300 settlement price \$/tonne	19,750	-0.15%	▼	19 Jan 18	cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%	16 Ja
Tin PB300 volume, tonnes	26	-86.1%	▼	19 Jan 18	Shanghai, copper low-high premium,			
DAND FIVING PRIOSO					Grade A, cathode, in-warehouse, \$/tonne	65.0-78.0*	-3.38% <b>V</b>	19 Ja
RAND FIXING PRICES					Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	72*	-1.37% <b>▼</b>	′ 19 Ja
Rand fixing prices per tonne for London i	Metal Exchange trad	е			Shanghai, copper low-high premium,		1107 70 1	
	Price	Change <sup>†</sup>		Assessed	Grade A, cathode, cif, \$/tonne	60.0-72.0*	-2.22% <b>V</b>	′ 19 Ja
Copper	85,756.42	-2.09%	<u> </u>	19 Jan 18	Shanghai, copper average premium,	00+	1 400/	7 40 1-
Aluminium	27,329.64	-0.4%	<b>V</b>	19 Jan 18	Grade A, cathode, cif, \$/tonne	66*	-1.49% <b>▼</b>	19 Ja
Lead	31,593.83	0.57%	<b>*</b>	19 Jan 18	MB free market US: High-grade cathode premium indicator, \$/tonne	115.7-126.8*	0%	16 Ja
Zinc Nickel	41,951.47 152,578.35	-0.98% -2.79%	<b>*</b>	19 Jan 18 19 Jan 18	Aluminium			
Tin	250,582.23	-0.23%	Ť	19 Jan 18	Aluminium P1020A, in-whs Rotterdam			
	200,002.20	0.2070	•	13001110	duty unpaid, spot low-high, \$/tonne	95.0-102.0*	3.14%	. 19 Ja
EXCHANGE RATES					Aluminium P1020A, in-warehouse			
	Price	Change <sup>†</sup>		Assessed	Rotterdam duty unpaid, spot weighted average, \$/tonne	99*	3.12%	. 19 Ja
LME settlement conversion rates					Aluminium P1020A, cif Korea (Gwangyang			
\$/£	1.3864	1.7%	•	19 Jan 18	or Busan), spot low-high, \$/tonne	90-103*	0%	16 Ja
\$/¥	110.6800	-0.44%	▼	19 Jan 18	Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average,			
\$/€	1.2256	1.01%	<b>A</b>	19 Jan 18	\$/tonne	96*	0%	16 Ja
Closing rates, midpoint					Aluminium P1020A, Southeast Asian			
\$/£	1.3885	2.59%	$\blacktriangle$	18 Jan 18	warrants, in-warehouse, \$/tonne	5.0-15.0*	0%	16 Ja
\$/¥	110.9550	-0.4%	▼	18 Jan 18	Aluminium P1020A, cif Shanghai, spot low-high, \$/tonne	90.0-100.0*	0%	16 Ja
\$/€	1.2239	1.6%	<b>A</b>	18 Jan 18	Aluminium P1020A, cif Shanghai, spot	30.0-100.0	U /0	100a
£/€	1.1344	0.96%	<b>A</b>	18 Jan 18	weighted average, \$/tonne	95*	0%	16 Ja
\$/CNY	6.4254	-1.28%	▼	18 Jan 18	Aluminium P1020A, cif main Japanese			
					ports, spot low-high, \$/tonne	95.0-105.0*	2.56%	. 16 Ja
BASE METALS ARBITRAGE					Aluminium P1020A, cif main Japanese ports, spot weighted average, \$/tonne	98*	0%	16 Ja
	Price	Change <sup>†</sup>		Assessed	Aluminium ingot ADC 12 spot, main	30	0 70	1000
Aluminium	71100	onungo		A3363364	Japanese ports, \$/tonne	1,990*	0%	17 Ja
Import arbitrage, \$/tonne	-515.90*	20.24%	•	19 Jan 18	Aluminium P1020A, cif main Japanese			
Import arbitrage, \$\text{qr}\text{torne}	-3,306.67*	18.76%	$\hat{\blacksquare}$	19 Jan 18	ports, quarterly, \$/tonne	103.0-103.0*	8.99%	. 14 De
Copper	-,	2 3 / 0	_		Aluminium extrusion billet premium 6063 cif Japan, yearly, \$/tonne	140.0-150.0*	-6.45% ▼	12 Ja
Import arbitrage, \$/tonne	-82.48*	-9.19%	•	19 Jan 18	Aluminium P1020A, in-warehouse		J. 1070 V	12 00
mport arbitrage, RMB/tonne	-528.65*	-10.31%	Ť	19 Jan 18	Rotterdam duty-paid, spot \$/tonne	160.0-169.0*	1.86% ▲	. 19 Ja
Nickel	-				Aluminium 6063 extrusion billet,	0.40 0.000	201	
mport arbitrage, \$/tonne	-344.28*	-41.03%	▼	19 Jan 18	in-whs Rotterdam duty-paid, spot, \$/tonne	340.0-360.0*	0%	05 Ja
mport arbitrage, RMB/tonne	-2,206.69*	-41.76%	▼	19 Jan 18	Aluminium P1020A, delivered US midwest, spot, \$/lb	0.103-0.108*	9.09%	. 16 Ja
Zinc	,				Aluminium P1020A, delivered Sao		2.507.0	.000
mport arbitrage, \$/tonne	-146.57*	-21.04%	▼	19 Jan 18	Paulo region, spot, \$/tonne	230.0-240.0*	0%	16 Ja
Import arbitrage, RMB/tonne	-939.47*	-22.01%	▼	19 Jan 18				

	Change         0%         0%         0%         0%         0%         0%         -8.62%         ▼         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         5.26%	16 Jan 18  16 Jan 18	Alumina  MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne Alumina Index fob Australia Alumina Index fob Brazil Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton  Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass  Producer premium  Aurubis European Grade A cathode ex-works \$/tonne Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice monthly on 15th and last day of month)	2,800.0-2,900.0° 385.03* 7.07* 392.10* 38* 38*  86.0  88.0  5,842.3-5,867.8 5,800.0-5,870.0	0.27%	<u>A</u>	18 Jan 1 19 Jan 1 18 Jan 1 19 Jan 1 18 Jan 1 18 Jan 1 20 Oct 1
280.0-300.0*  10.0-15.0*  15.0-20.0*  0.09-0.11*  9-11*  11-13*  290.0-310.0*  300*  250.0-280.0*  265*  120-200*  10-20*  220.0-270.0*  345.0-420.0*  275.0-315.0*	0%  0%  0%  0%  0%  0%  2.13%    0%  0%  -8.62%  ▼  -8.62%  0%  0%  0%  0%  0%  0%  0%	19 Jan 18  16 Jan 18	MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne Alumina Index fob Australia Alumina Index fob Brazil Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton  Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass Producer premium  Aurubis European Grade A cathode ex-works \$/tonne Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes: South Africa: Palabora copper rod 7.90mm, Rand/tonne Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	2,800.0-2,900.0° 385.03* 7.07* 392.10* 38* 38* 86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0.27%		18 Jan 1 19 Jan 1 18 Jan 1 19 Jan 1 18 Jan 1 18 Jan 1
10.0-15.0* 15.0-20.0* 0.09-0.11* 9-11* 11-13* 290.0-310.0* 300* 250.0-280.0* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0% 0% 2.13% ▲ 0% 0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0%	16 Jan 18	MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne Alumina Index fob Australia Alumina Index fob Brazil Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton  Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass Producer premium  Aurubis European Grade A cathode ex-works \$/tonne Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes: South Africa: Palabora copper rod 7.90mm, Rand/tonne Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	385.03* 7.07* 392.10* 38* 38* 86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0.27%		19 Jan 19 Jan 19 Jan 18
10.0-15.0* 15.0-20.0* 0.09-0.11* 9-11* 11-13* 290.0-310.0* 300* 250.0-280.0* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0% 0% 2.13% ▲ 0% 0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0%	16 Jan 18	grade, delivered duty paid, RMB/tonne Alumina Index fob Australia Alumina Index fob Brazil Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton  Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass Producer premium  Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes: South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	385.03* 7.07* 392.10* 38* 38* 86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0.27%		19 Jan 18 Jan 19 Jan 18 Jan 18 Jan 20 Oct
10.0-15.0* 15.0-20.0* 0.09-0.11* 9-11* 11-13* 290.0-310.0* 300* 250.0-280.0* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0% 0% 2.13% ▲ 0% 0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0%	16 Jan 18	Alumina Index fob Australia Alumina Index fob Brazil Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton  Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu Copper & Brass Producer premium Aurubis European Grade A cathode ex-works \$/tonne Codelco: Contract 2016 Grade A cathode (average) Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes: South Africa: Palabora copper rod 7.90mm, Rand/tonne Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	385.03* 7.07* 392.10* 38* 38* 86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0.27%		19 Jan 18 Jan 19 Jan 18 Jan 18 Jan 20 Oct
15.0-20.0*  0.09-0.11*  9-11*  11-13*  290.0-310.0*  300*  250.0-280.0*  10-20*  10-20*  220.0-270.0*  345.0-420.0*  275.0-315.0*	0% 0% 0% 2.13% ▲ 0% 0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0% 0%	16 Jan 18	Alumina Index fob Brazil Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton  Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass Producer premium  Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	7.07* 392.10* 38* 38* 86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0% 0% 0% 7.32%		18 Jan 19 Jan 18 Jan 18 Jan 20 Oct
15.0-20.0*  0.09-0.11*  9-11*  11-13*  290.0-310.0*  300*  250.0-280.0*  10-20*  10-20*  220.0-270.0*  345.0-420.0*  275.0-315.0*	0% 0% 0% 2.13% ▲ 0% 0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0% 0%	16 Jan 18	Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton  Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass Producer premium  Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	392.10*  38*  38*  86.0  88.0  5,842.3-5,867.8  5,800.0-5,870.0	0% 0% 7.32%		19 Jan 18 Jan 18 Jan 20 Oct
15.0-20.0*  0.09-0.11*  9-11*  11-13*  290.0-310.0*  300*  250.0-280.0*  10-20*  10-20*  220.0-270.0*  345.0-420.0*  275.0-315.0*	0% 0% 0% 2.13% ▲ 0% 0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0% 0%	16 Jan 18	Brazil price \$ per dry metric ton  Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass  Producer premium  Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	38* 38* 86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0% 0% 7.32%		18 Jan 18 Jan 20 Oct
0.09-0.11*  9-11*  11-13*  290.0-310.0*  300*  250.0-280.0*  265*  120-200*  10-20*  220.0-270.0*  345.0-420.0*  275.0-315.0*	0%  2.13% ▲  0%  0%  0%  -8.62% ▼  -8.62% ▼  0%  0%  0%  0%  0%  0%  0%	16 Jan 18	Bauxite fob Kamsar, Guinea \$/tonne per dmtu fob Trombetas, Brazil \$/tonne per dmtu Copper & Brass Producer premium Aurubis European Grade A cathode ex-works \$/tonne Codelco: Contract 2016 Grade A cathode (average) Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes: South Africa: Palabora copper rod 7.90mm, Rand/tonne Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	38* 38* 86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0% 0% 7.32%		18 Jan 18 Jan 20 Oct
0.09-0.11*  9-11*  11-13*  290.0-310.0*  300*  250.0-280.0*  265*  120-200*  10-20*  220.0-270.0*  345.0-420.0*  275.0-315.0*	0%  2.13%	16 Jan 18	fob Kamsar, Guinea \$/tonne per dmtu  fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass  Producer premium  Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL):  cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0% 0% 7.32%		18 Jan 20 Oct
9-11*  11-13*  290.0-310.0*  300*  250.0-280.0*  265*  120-200*  10-20*  220.0-270.0*  345.0-420.0*  275.0-315.0*	0%  2.13%	16 Jan 18	fob Trombetas, Brazil \$/tonne per dmtu  Copper & Brass  Producer premium  Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0% 0% 7.32%		18 Jan 20 Oct
290.0-310.0* 300* 250.0-280.0* 265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	2.13% ▲  0%  0%  -8.62% ▼  -8.62% ▼  0%  0%  0%  0%  0%  0%	16 Jan 18	Copper & Brass  Producer premium  Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	86.0 88.0 5,842.3-5,867.8 5,800.0-5,870.0	0% 7.32%		20 Oct
290.0-310.0* 300* 250.0-280.0* 265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	2.13% ▲  0%  0%  -8.62% ▼  -8.62% ▼  0%  0%  0%  0%  0%  0%	16 Jan 18	Producer premium  Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL):  cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	88.0 5,842.3-5,867.8 5,800.0-5,870.0	7.32%		
290.0-310.0* 300* 250.0-280.0* 265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0%  0%  -8.62%  -8.62%   0%  0%  0%  0%  0%  0%  0%	16 Jan 18 16 Jan 18 16 Jan 18 16 Jan 18 16 Jan 18	Aurubis European Grade A cathode ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	88.0 5,842.3-5,867.8 5,800.0-5,870.0	7.32%	<u> </u>	
290.0-310.0* 300* 250.0-280.0* 265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0%  0%  -8.62%  -8.62%   0%  0%  0%  0%  0%  0%  0%	16 Jan 18 16 Jan 18 16 Jan 18 16 Jan 18 16 Jan 18	ex-works \$/tonne  Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	88.0 5,842.3-5,867.8 5,800.0-5,870.0	7.32%	<u>▲</u>	
300* 250.0-280.0* 265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0% 0% 0% 0%	16 Jan 18 16 Jan 18 16 Jan 18 16 Jan 18	Codelco: Contract 2016 Grade A cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	88.0 5,842.3-5,867.8 5,800.0-5,870.0	7.32%	<b>A</b>	
300* 250.0-280.0* 265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0% 0% 0% 0%	16 Jan 18 16 Jan 18 16 Jan 18 16 Jan 18	cathode (average)  Germany: (VDM) Electro, €/tonne wirebar (DEL): cathodes:  South Africa: Palabora copper rod 7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	5,842.3-5,867.8 5,800.0-5,870.0	-3%	<u>▲</u>	27 Oct
250.0-280.0* 265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% -8.62% ▼ -8.62% ▼ 0% 0% 0% 0% 0% 0% 0%	16 Jan 18  16 Jan 18  16 Jan 18	wirebar (DEL): cathodes: South Africa: Palabora copper rod 7.90mm, Rand/tonne Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	5,800.0-5,870.0		<b>V</b>	
250.0-280.0* 265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	-8.62% ▼ -8.62% ▼ 0% 0% 0% 0% 0% 0% 0%	16 Jan 18  16 Jan 18  16 Jan 18	wirebar (DEL): cathodes: South Africa: Palabora copper rod 7.90mm, Rand/tonne Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	5,800.0-5,870.0		▼	
265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	-8.62% ▼  0%  0%  0%  0%  0%  0%  0%	16 Jan 18 16 Jan 18 16 Jan 18	South Africa: Palabora copper rod 7.90mm, Rand/tonne Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice		-2.83%		17 Jan
265* 120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	-8.62% ▼  0%  0%  0%  0%  0%  0%  0%	16 Jan 18 16 Jan 18 16 Jan 18	7.90mm, Rand/tonne  Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	102.109.940		▼	17 Jan
120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0% 0%	16 Jan 18	Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice	102.109.940			
120-200* 10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0% 0%	16 Jan 18	Index RC import, US cents/lb (twice	. ,	-6.89%	▼	02 Jan
10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0%	16 Jan 18					
10-20* 220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0%	16 Jan 18	IIIUIIIIIV UII I JUI AIJU IASI UAV UI IIIUIIIII	8.10-8.10*	1.5%	<b>A</b>	15 Jan
220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0%			0.10-0.10	1.0/0	_	15 Jaii
220.0-270.0* 345.0-420.0* 275.0-315.0*	0% 0% 0%		Copper concentrate Asia-Pacific Index TC import, \$/dmt (twice monthly on				
345.0-420.0* 275.0-315.0*	0% 0%	10001110	15th and last day of month)	81-81*	1.5%	<b>A</b>	15 Jan
275.0-315.0*	0%	16 Jan 18	Shanghai bonded copper stocks, tonnes	468,000-478,000	* 0.64%	<b>A</b>	15 Jan
		16 Jan 18	Nickel				
0.230-0.330	J.20% <b>A</b>	16 Jan 18	Nickel pig iron high grade NPI content				
		10 Jaii 10	10-15% contract price delivered duty paid				
			China RMB per nickel unit price	970-990*	0%		16 Jan
			Nickel pig iron high grade NPI content				
310-340*	3.17%	16 Jan 18	10-15% spot price China RMB per nickel	990-1 010*	2.04%	<u>.</u>	16 Jan
250-300*			· ·	000 1,010	2.0170	_	100011
957-958	1.38%	18 Jan 18					
				34-36*	0%		16 Jan
				0.00	0,0		100411
80.0-90.0*	0%	16 Jan 18	water content: 30-35%, Si:Mg ratio less				
105 0 145 0*	00/	40 1 40	than 2, lot size 50,000 tonnes, \$/tonne	50-52*	2%	<b>A</b>	16 Jan
135.0-145.0	U%	16 Jan 16	Lead				
80.0-85.0*			Germany: (VDM) virgin soft, €/tonne	2,220-2,260	-2.61%	▼	17 Jan
00.0 00.0	0%	16 Jan 18		e market (Eurobat)			
	0%	16 Jan 18	European automotive battery premium fre				
			European automotive battery premium free in-warehouse Rotterdam €/tonne		-1.33%	▼	01 Dec
80.0-85.0*	0%	16 Jan 18		152.98*			
			in-warehouse Rotterdam €/tonne Soft lead (average)		-0.37%	▼	
80.0-85.0*	0%	16 Jan 18	in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average)	438.17*			01 Dec
80.0-85.0*	0%	16 Jan 18	in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average) Connector lead (average)	438.17* 580.46*	0.27%		01 Dec
80.0-85.0* 83* 135.0-145.0*	0% 0% 0%	16 Jan 18 16 Jan 18 16 Jan 18	in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average) Connector lead (average) For an explanation of these premiums, see h	438.17* 580.46*	0.27%		01 Dec
80.0-85.0* 83* 135.0-145.0*	0% 0% 0%	16 Jan 18  16 Jan 18  16 Jan 18	in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average) Connector lead (average) For an explanation of these premiums, see h	438.17* 580.46* http://www.eurobat.c	0.27% z org/statistics		01 Dec 01 Dec
80.0-85.0* 83* 135.0-145.0*	0% 0% 0%	16 Jan 18 16 Jan 18 16 Jan 18	in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average) Connector lead (average) For an explanation of these premiums, see h	438.17* 580.46*	0.27%		01 Dec
957 80.	7-958	7-958 1.38% <b>A</b> 0-90.0* 0%	7-958 1.38% ▲ 18 Jan 18 0-90.0* 0% 16 Jan 18 5.0-145.0* 0% 16 Jan 18	Nickel ore Laterite ore with 1.5% nickel content cif China, \$\frac{1}{2}\$ to the content cif China, \$\frac{1}{2}\$ to the content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$\frac{1}{2}\$ than 2. lot size 50,000 tonnes, \$\frac{1}{2}\$ to the content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$\frac{1}{2}\$ than 2. lot size 50,000 tonnes. \$\frac{1}{2}\$ to the content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$\frac{1}{2}\$ than 2. lot size 50,000 tonnes. \$\frac{1}{2}\$ to the content cif China, \$\frac{1}{2}\$ to the conte	Nickel ore Laterite ore with 1.5% nickel content off China, \$\text{tonne} 34-36*  Nickel ore Laterite ore with 1.5% nickel content off China, \$\text{tonne} 34-36*  Nickel ore 1.8% basis off China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$\text{tonne} 50-52*  Lead  Germany: (VDM) virgin soft, €\text{tonne} 2,220-2,260  European automotive battery premium free market (Eurobat) in-warehouse Rotterdam €\tonne  Soft lead (average) 152.98*	Nickel ore Laterite ore with 1.5% nickel content cif China, \$\frac{1}{5}\text{tonne} \ 34-36* \ 0\%  Nickel ore Laterite ore with 1.5% nickel content cif China, \$\frac{1}{5}\text{tonne} \ 34-36* \ 0\%  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, \$\frac{1}{5}\text{tonne} \ 50-52* \ 2\%  Lead  Germany: (VDM) virgin soft, €/tonne \ 2,220-2,260 \ -2.61\%  European automotive battery premium free market (Eurobat) in-warehouse Rotterdam €/tonne  Soft lead (average) \ 152.98* \ -1.33\%	Nickel ore Laterite ore with 1.5% nickel content cif China, \$\(\)/conne 34-36* 0\(\) 0-90.0* 0\(\) 0-90.0* 0\(\) 16 Jan 18  0-90.0* 0\(\) 16 Jan 18  0-85.0* 0\(\) 16 Jan 18

PRECIOUS METALS	Daily   Number				Copyright © 2	Change		Assesse
PRECIOUS METALS	Duine	Observat	Accessed	Gallium	FIIGE	Gilaliye		HSSUSSU
luidio	Price	Change <sup>†</sup>	Assessed	MB free market \$/kg	175-195*	7.25%	<b>A</b>	19 Jan 1
Iridium  MB free market: min 99.9%, \$/troy oz				MB China domestic, min 99.99%,				
in-warehouse	925-1,025*	0%	19 Jan 18	RMB/kg	1,000-1,150*	2.38%	<b>A</b>	17 Jan 1
Johnson Matthey base price: (unfab)				Germanium				
\$/troy oz (08 hrs)	970	0%	19 Jan 18	Germanium dioxide MB free market \$/kg	850-975*	7.35%	_	19 Jan 1
Englehard base price: \$/troy oz	990	0%	19 Jan 18	Germanium metal \$/kg Rotterdam	1,350-1,450*		_	19 Jan 1
Palladium				Germanium metal MB China domestic,	1,000 1,100	0.0070		1004111
European free market: min 99.9%, \$/troy oz in-warehouse	1,107-1,118*	2.3%	19 Jan 18	min 99.999%, RMB/kg	10,000-10,200*	4.94%	<b>A</b>	17 Jan 1
Englehard base price: \$/troy oz	1,114	1.55%	19 Jan 18	Hafnium				
Johnson Matthey base price: (unfab)				Hafnium 1% Zr max, in-warehouse	050 050*	00/		10 lan 1
\$/troy oz (08 hrs)	1,118	2.19%	19 Jan 18	global locations, \$/kg	850-950*	0%	_	19 Jan 1
Platinum				Indium  MR free market \$//ca	270-300*	0.88%	_	19 Jan 1
European free market: min 99.9%, \$/troy oz in-warehouse	1,003-1,017*	2.07%	19 Jan 18	MB free market \$/kg  MB China domestic, min 99.99% RMB/kg	1,750-1,850*		<u> </u>	17 Jan 1
Englehard base price: \$/troy oz	1,008	1.31%	19 Jan 18	Indium Corp ingots min 99.97% \$/kg	1,730-1,030	4.55 /0	-	17 0411 1
Johnson Matthey base price: (unfab)	1,000		10001110	fob	440	-40.94%	▼	26 Jun 1
\$/troy oz (08 hrs)	1,016	1.7%	19 Jan 18	Magnesium				
Rhodium				European free market \$ per tonne	2,300-2,400*	0%		19 Jan 1
European free market: min 99.9%,	1045 15:5:	0.000	40.1	China free market min 99.8% Mg, fob				
\$/troy oz in-warehouse	1,645-1,745*	-0.29% <b>▼</b>	19 Jan 18	China main ports, \$ per tonne	2,300-2,350*	0.65%	<u> </u>	19 Jan 1
Englehard base price: \$/troy oz	1,700	0%	19 Jan 18	MB Chinese free market min 99% Mg, ex-works RMB/tonne	14,600-14,800*	1.38%	•	19 Jan 1
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,690	0%	19 Jan 18	Manganese flake	14,000 14,000	1.00 /0	-	1000111
Ruthenium	1,000	070	10001110	MB free market \$/tonne	1,900-2,000*	0.13%	•	19 Jan 1
European free market: min 99.9%,					1,900-2,000	0.13 /0	-	13 Jaii I
\$/troy oz in-warehouse	175-215*	0%	19 Jan 18	Mercury	2,000-2,500*	21.62%	_	19 Jan 1
Englehard base price: \$/troy oz	195	0%	19 Jan 18	MB free market \$ per flask		21.0270	<u> </u>	19 Jaii i
Johnson Matthey base price: (unfab)				Rhenium in-warehouse Rotterdam duty	•	E 040/		40 1 4
\$/troy oz (08 hrs)	195	2.63%	19 Jan 18	Metal pellets, min 99.9% \$/lb	700-750* 1,450-1,600*	5.84%	<u> </u>	19 Jan 1
MINODMETALS				APR catalytic grade \$/kg Re	1,450-1,600	U 70		19 Jan 10
MINORMETALS				Selenium  MB from market # // h	10 10 5*	0.740/		10 lan 1
	Price	Change <sup>†</sup>	Assessed	MB free market \$/lb  MB China domestic, min 99.9%, RMB/kg	18-19.5* 270-300*		<u> </u>	19 Jan 1 19 Jan 1
Antimony				Selenium dioxide, MB China domestic,	270-300	2.1 /0	-	19 Jani 1
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi,				min 98%, RMB/kg	180-190*	1.37%	<b>A</b>	19 Jan 1
\$/tonne in-warehouse Rotterdam	8,100-8,400*	0.61%	19 Jan 18	Silicon				
MANATA Chandand C. J. U. A."				Grade 441, min 99% Si in-warehouse				
MMTA Standard Grade II, \$/tonne								19 Jan 18
in-warehouse Rotterdam	8,100-8,400*	0.61%	19 Jan 18	Rotterdam, €/tonne	2,215-2,325*	0%		
in-warehouse Rotterdam  MB Chinese free market MMTA Standard				Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse	<u> </u>			40 1 41
in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne	8,100-8,400* 52,000-52,500*	0.61% 🛕	19 Jan 18	Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	2,150-2,200*	0%		
in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic	52,000-52,500*	0%	17 Jan 18	Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb	<u> </u>	0%	<b>A</b>	
in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb				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%		10 Jan 1
in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb  Bismuth	52,000-52,500* 0.90-1.25*	0%	17 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	2,150-2,200*	0% 2.55%		10 Jan 1
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	52,000-52,500*	0%	17 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*	0% 2.55% 2.35%		10 Jan 1 19 Jan 1
in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne  Arsenic  MB free market \$/lb	52,000-52,500* 0.90-1.25* 5-5.40*	0%	17 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	2,150-2,200* 140-142* 1,940-1,980*	0% 2.55%		10 Jan 1
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	52,000-52,500* 0.90-1.25*	0%	17 Jan 18  19 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 MB free market \$/kg	2,150-2,200* 140-142* 1,940-1,980*	0% 2.55% 2.35%		10 Jan 1 19 Jan 1 19 Jan 1
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	52,000-52,500* 0.90-1.25* 5-5.40* 69,000-71,000*	0% 0% 0% 0.36% •	17 Jan 18  19 Jan 18  19 Jan 18  19 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 MB free market \$/kg MB China domestic, min 99.99%,	2,150-2,200* 140-142* 1,940-1,980* 35-50*	0% 2.55% 2.35%	<u> </u>	10 Jan 1 19 Jan 1 19 Jan 1
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	52,000-52,500* 0.90-1.25* 5-5.40* 69,000-71,000* 97-105*	0% 0% 0% 0.36% •	17 Jan 18  19 Jan 18  19 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460*	0% 2.55% 2.35% 0% -3.26%	<b>▲</b>	10 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1
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	52,000-52,500* 0.90-1.25* 5-5.40* 69,000-71,000*	0% 0% 0% 0.36% •	17 Jan 18  19 Jan 18  19 Jan 18  19 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 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	2,150-2,200* 140-142* 1,940-1,980* 35-50*	0% 2.55% 2.35% 0% -3.26%	<b>▲</b>	10 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1
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	52,000-52,500* 0.90-1.25* 5-5.40* 69,000-71,000* 97-105*	0% 0% 0% 0.36% •	17 Jan 18  19 Jan 18  19 Jan 18  19 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 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	2,150-2,200* 140-142* 1,940-1,980* 35-50* 430-460*	0% 2.55% 2.35% 0% -3.26%	<b>▲</b>	10 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1
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	52,000-52,500* 0.90-1.25* 5-5.40* 69,000-71,000* 97-105*	0% 0% 0% 0.36% •	17 Jan 18  19 Jan 18  19 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460*	0% 2.55% 2.35% 0% -3.26%	<b>▲</b>	10 Jan 1: 19 Jan 1: 19 Jan 1: 19 Jan 1: 17 Jan 1:
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	52,000-52,500* 0.90-1.25* 5-5.40* 69,000-71,000* 97-105* 99-108*	0% 0% 0% 0.36%    0% 0%	17 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460*	0% 2.55% 2.35% 0% -3.26%	<b>▲</b>	10 Jan 1: 19 Jan 1: 19 Jan 1: 19 Jan 1: 17 Jan 1:
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	52,000-52,500* 0.90-1.25* 5-5.40* 69,000-71,000* 97-105* 99-108*	0% 0% 0% 0.36%    0% 0%	17 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460*	0% 2.55% 2.35% 0% -3.26%	<b>▲</b>	10 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1 17 Jan 1
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	52,000-52,500*  0.90-1.25*  5-5.40*  69,000-71,000*  97-105*  99-108*  8,050-8,350*	0% 0% 0% 0.36%	17 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460* 5-5.5* 770-850 710-770	0% 2.55% 2.35% 0% -3.26% 0.96%	<b>▲</b>	10 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1 17 Jan 1 18 Jan 1
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  MB free market low-grade \$/Ib  MB high-grade, weighted average of	52,000-52,500*  0.90-1.25*  5-5.40*  69,000-71,000*  97-105*  99-108*  8,050-8,350*  37-38.05*	0% 0% 0% 0.36%    0% 0% 0% 0.61%    0.4%	17 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460*  770-850	0% 2.55% 2.35% 0% -3.26% 0.96%	<b>▲</b>	10 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1 17 Jan 1 18 Jan 1
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  MB low-grade, weighted average of	52,000-52,500*  0.90-1.25*  5-5.40*  69,000-71,000*  97-105*  99-108*  8,050-8,350*  37-38.05*  36.75-37.40*  37.79*	0%  0%  0.36%  0%  0%  0.4%  1.02%  4	17 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460* 5-5.5* 770-850 710-770	0% 2.55% 2.35% 0% -3.26% 0.96%	<b>▲</b>	10 Jan 1: 19 Jan 1: 19 Jan 1: 19 Jan 1: 17 Jan 1: 18 Jan 1:
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  MB low-grade, weighted average of all confirmed international trades, \$/lb	52,000-52,500*  0.90-1.25*  5-5.40*  69,000-71,000*  97-105*  99-108*  8,050-8,350*  37-38.05*  36.75-37.40*	0%  0%  0.36%  0%  0%  0.4%  1.02%  A	17 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460* 5-5.5* 770-850 710-770	0% 2.55% 2.35% 0% -3.26% 0.96%	<b>▲</b>	19 Jan 13 17 Jan 13 18 Jan 13 18 Jan 13
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  MB low-grade, weighted average of	52,000-52,500*  0.90-1.25*  5-5.40*  69,000-71,000*  97-105*  99-108*  8,050-8,350*  37-38.05*  36.75-37.40*  37.79*	0%  0%  0%  0.36%  0%  0%  0.61%  1.02%  1.11%	17 Jan 18  19 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 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* 1,940-1,980* 35-50* 430-460* 5-5.5* 770-850 710-770	0% 2.55% 2.35% 0% -3.26% 0.96%	<b>▲</b>	10 Jan 13 19 Jan 13 19 Jan 13 19 Jan 13 17 Jan 13 18 Jan 13

22 January 2018   Metal Bulletin	Daily   Number	r 9544.1			Copyright ©	2002-2018	3 Meta	al Bulletin
NOBLE ALLOYS & ORES				Chrome ore \$/tonne	Price	Change		Assessed
	Price	Change <sup>†</sup>	Assessed	Chrome ore cif main Chinese ports				
Molybdenum molybdic oxide				South African UG2 chrome ore concs,				
Europe drummed molybdic oxide \$/lb Mo	11.70-12*	6.04%	▲ 19 Jan 18	index basis 42%	218*	2.35%	•	19 Jan 18
US canned molybdic oxide \$/lb Mo	11.75-12*	6.5%	18 Jan 18	Turkish lumpy 40-42% cfr main Chinese	010 000*	00/		10 1 10
Ferro-molybdenum	11.70 12	0.070	10001110	ports	310-320*	0%		19 Jan 18
Basis 65% min, in-warehouse Rotterdam				Ferro-manganese				
\$/kg Mo	29-29.70*	9.31%	19 Jan 18	basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,070-1,125*	-0.23%	▼	19 Jan 18
US free market 65-70% Mo \$/Ib in-warehouse Pittsburgh	12.70-13*	4.68%	18 Jan 18	US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,500-1,550*	3.39%	<b>A</b>	18 Jan 18
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,590-1,620*	1.9%	17 Jan 18	US free market medium carbon duty				
Tungsten	1,000-1,020	1.370	17 3411 10	paid fob Pittsburgh, 80% min Mn 1.5% max C \$/Ib	1.08-1.10*	0%		18 Jan 18
European free market APT \$/mtu	310-318*	0.48%	12 Jan 18	MB Chinese free market min 65% Mn		070		
Export from mainland China APT Chinese	010 010	0.1070	12001110	max 7.0% C in-warehouse China	7 400 7 000*	7.000/	_	401 40
No1 grade, min 88.5% W03, S/mtu fob	311-315*	-0.79% ▼	7 17 Jan 18	RMB/tonne	7,400-7,600*	-7.98%		19 Jan 18
MB Chinese free market concentrate	111 000 110 0	00* 1.750/	7 17 lan 10	Manganese ore 44% Mn, cif Tianjin \$/dmtu of metal				
65% Wo3 in-warehouse China RMB/tonne	111,000-113,00	00*-1.75% V	17 Jan 18	contained	6.87*	0.15%	•	19 Jan 18
Ferro-tungsten Basis 75% W min \$/kg W in-warehouse				37% Mn, fob Port Elizabeth \$/dmtu of				
Rotterdam duty unpaid	38.90-39.5*	2.22%	19 Jan 18	metal contained	5.91*	-1.99%	▼	19 Jan 18
China export min 75% \$/kg W, fob China	38-39*	0%	17 Jan 18	Inventories at the main ports of Tianjin and Qinzhou, million tonnes	1.65-1.70*	-9.46%	•	10 Jan 18
Vanadium				Ferro-nickel	1.03-1.70	-3.40 /0		10 0411 10
Ferro-vanadium basis 78% min, free				China premium, 26-32% nickel				
delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	58-62*	8.11%	▲ 19 Jan 18	contained, cif China, \$/tonne	170-350*	48.57%	•	25 Dec 17
US free market ferro-vanadium \$/Ib	30-02	0.11/0	19341110	Ferro-silicon				
in-warehouse Pittsburgh	26-27.5*	11%	18 Jan 18	Lumpy basis 75% Si (scale pro rata)				
Vanadium pentoxide min 98%,	10.05.10.51			€/tonne	1,680-1,750*	0%		19 Jan 18
in-warehouse Rotterdam \$ per lb V205	12.25-12.5*	5.77%	19 Jan 18	US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si -				
Zircon				imported	1.08-1.12*	0%		18 Jan 18
Foundry grade bulk \$/tonne fob Australia	950-1,000	0%	18 Jan 18	Export from mainland China, min 75%	1 000 1 750*	1 470/	_	10 lon 10
Premium bulk \$/tonne fob Australia	1,170-1,270	0%	18 Jan 18	Si, 7.5% C, \$/tonne, fob  MB Chinese free market min 75% Si,	1,600-1,750*	-1.47%		19 Jan 18
				in-warehouse China, RMB/tonne	7,500-8,500*	-3.03%	▼	19 Jan 18
BULKALLOYS				Silico-manganese				
	Price	Change <sup>†</sup>	Assessed	Lumpy basis 65-75% Mn basis 15-19%				
Ferro-chrome \$/lb Cr				Si (scale pro rata) €/tonne	1,025-1,075*	0%		19 Jan 18
China import charge chrome 50% Cr	0.94*	0.170/	▲ 19 Jan 18	US free market \$/lb in-warehouse Pittsburgh	0.65-0.67*	2.33%	•	18 Jan 18
index, cif Shanghai, duty unpaid Ferro-Chrome European Benchmark	0.94	2.17%	L 19Jaii 10	MB Chinese free market min 65% Mn				
Indicator, Lumpy Cr charge basis 52%				max 17% Si in-warehouse China	0.000.0.500*	0.700/		40 1 40
(and high carbon), \$ per lb	1.31*	7.38%	19 Jan 18	RMB/tonne 65% min Mn 16% min Si \$/tonne fob	8,200-8,500*	3.73%		19 Jan 18
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne	7,700-8,000*	1.95%	▲ 19 Jan 18	India	1,200-1,250*	0%		19 Jan 18
Contract 6-8% C basis 50% Cr	7,700 0,000	1.0070	10001110					
delivered duty paid China RMB/tonne	7,100-7,300*	0%	19 Jan 18					
Lumpy Cr charge basis 52% Cr (and	4 40*	4E 140/	7 Od land 0					
high carbon) quarterly 6-8% C basis 60% Cr max 1.5% Si	1.18*	-15.11% <b>V</b>						
0.10% C average 60-70% Cr	1.28-1.40* 2.23-2.33*	0%	12 Jan 18					
European low carbon in-warehouse	۷.۷-۲.۵۵	U /0	12 Jail 10					
0.06% C max - 65% Cr	2.30-2.40*	0%	12 Jan 18					
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.35-1.40*	0%	12 Jan 18					
Japan import 8-9% C, basis 60% Cr,								
cif Japan, duty unpaid \$/lb contained chrome	0.95-1.01*	5.38%	▲ 18 Jan 18					
South Korea import 8-9% C, basis 60%								
Cr, cif South Korea, duty unpaid	0.04.1*	2 GE0/	10 lon 10					
\$/lb contained chrome  US free market low carbon duty paid fob Pi	0.94-1*	2.65%	18 Jan 18					
US free market in-warehouse Pittsburgh	เเงิมนาปู่!!							
6-8% C basis 60-65% Cr max 2% Si	1.400-1.480*	0%	18 Jan 18					
0.05%C - 65% min Cr	2.30-2.35*	0%	18 Jan 18					
0.400/ 0.000/ 0	2.25-2.29*	0.44%	18 Jan 18					
0.10% C - 62% min Cr	2.20-2.20	0.7770	10001110					

### 37 Monday

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CARBON STEEL - EUROPE				CARBON STEEL - CIS			
	Price	Change <sup>†</sup>	Assessed		Price	Change <sup>†</sup>	Assessi
Northorn Eurona importa	11166	Onany 6	A336336U	CIS exports (Black Sea)	11166	onanyo-	M33633
Northern Europe imports				,			
Metal Bulletin's appraisal of cfr prices f	for imported, non-EU o	rigin, commerciai	-quality carbon	Metal Bulletin's appraisal of CIS mills		the CIS of comm	nercial-quali
steel, € per tonne cfr main EU port	E00 E0E*	0.470/	47 1 40	carbon steel, \$ per tonne fob stowed	·	4 470/	45 1
Rebar	530-535*		17 Jan 18	Billet index	520*		15 Jan
Wire rod (mesh quality)	535-540*	0%	17 Jan 18	Slab	530-535*		15 Jan
Plate (8-40mm)	540-560*	1.85%		Rebar	560-565*		15 Jan
Hot rolled coil	530-545*	0.47%		Wire rod (mesh)	580-585*	2.19%	
Cold rolled coil	600-610*	2.54%		Heavy plate (10-50mm)	590-640*	5.13%	
Hot-dip galvanized coil	670-675*	-0.37% <b>T</b>	17 Jan 18	Hot rolled coil	570-595*	6.39%	15 Jan
Southern Europe imports				Cold rolled coil	605-640*	2.47%	15 Jan
Metal Bulletin's appraisal of cfr prices f	for imported, non-EU o	rigin, commercial	-quality carbon	CIS domestic			
steel, € per tonne cfr main EU port				Metal Bulletin's appraisal of prices w	ithin Russia for commercia	al-quality carboi	steel of CIS
Rebar	510-520*	1.98%	17 Jan 18	origin, rubles per tonne, carriage paid	d to (cpt) inc VAT		
Wire rod (mesh quality)	520-525*	0%	17 Jan 18	Rebar	35,000-35,500*	8.46%	15 Jan
Plate (8-40mm)	530-550*	1.89%	17 Jan 18	Hot rolled sheet	40,000-40,500*	5.23%	15 Jan <sup>-</sup>
Hot rolled coil	530-540*	0.47%	17 Jan 18	Cold rolled sheet	47,000-47,500*	10.72%	15 Jan 1
Cold rolled coil	610-615*	2.08%	17 Jan 18	Plate	42,000-42,500*	9.03%	15 Jan 1
Hot-dip galvanized coil	660-670*	-0.75%	7 17 Jan 18				
Southern Europe exports				CARBON STEEL - MIDDLE EAST			
• •						0ht	4
Metal Bulletin's appraisal of Southern E of commercial-quality carbon steel, € p		•			Price	Change <sup>†</sup>	Assess
	490-510*			Turkish exports			
Rebar		2.56%		Metal Bulletin's appraisal of Turkish r	mills' prices for export of co	ommercial-qual	ity carbon st
Wire rod (mesh quality)	505-515*	2%	17 Jan 18	\$ per tonne fob main Turkish port			
Northern Europe domestic				Billet	540-545*	-0.91%	7 18 Jan
Metal Bulletin's appraisal of prices with	nin the EU (excluding th	ne UK) for comme	rcial-quality	Rebar	565-570*	-2.16%	18 Jan 1
carbon steel of EU origin, € per tonne d	lelivered basis point			Wire rod (mesh quality)	580-585*	-0.43%	7 18 Jan <sup>-</sup>
Rebar	550-570*	0.9%	17 Jan 18	Merchant bars	590-600*	0%	18 Jan 1
Wire rod (mesh quality)	545-565*	0%	17 Jan 18	Structural pipe	670-680*	4.65%	10 Jan 1
Sections (medium)	640-660*	0%	17 Jan 18	Hot rolled coil	610-625*	2.07%	19 Jan 1
	620-650*	0.700/					
Beams	020-030	0.79%	▲ 17 Jan 18	Turkish domestic			
Southern Europe domestic	020-030	0.19%	17 Jan 18	Turkish domestic	ithin Turkey for commercia	l-quality carbor	n etaal of Turk
Southern Europe domestic				Metal Bulletin's appraisal of prices wi	ithin Turkey for commercia	l-quality carbon	steel of Turk
	nin the EU (excluding th			Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works	•		
Southern Europe domestic  Metal Bulletin's appraisal of prices with	nin the EU (excluding th		rcial-quality	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet	540-545*	-0.91% <b>T</b>	7 18 Jan 1
Southern Europe domestic Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d	nin the EU (excluding the	ne UK) for comme	rcial-quality	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet Rebar	540-545* 570-575*	-0.91% <b>1</b>	18 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d  Rebar  Wire rod (mesh quality)	nin the EU (excluding the lelivered basis point 530-550* 520-550*	2.86% 2.39%	rcial-quality  17 Jan 18  17 Jan 18	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality)	540-545* 570-575* 600-605*	-0.91% 0.26% 0.67%	18 Jan 1 18 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d  Rebar  Wire rod (mesh quality)  Sections (medium)	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645*	2.86% 4 2.39% 4 -0.79%	17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil	540-545* 570-575* 600-605* 620-630*	-0.91%	<ul> <li>18 Jan 1</li> <li>18 Jan 1</li> <li>18 Jan 1</li> <li>19 Jan 1</li> </ul>
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d  Rebar  Wire rod (mesh quality)  Sections (medium)  Beams	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650*	2.86% 2.39%	17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil	540-545* 570-575* 600-605* 620-630* 690-700*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d  Rebar  Wire rod (mesh quality)  Sections (medium)  Beams  Central Europe domestic € per tonn	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* He ex-works	2.86% <b>2</b> .39% <b>3</b> .79% <b>3</b> .79% <b>4</b>	17 Jan 18	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized	540-545* 570-575* 600-605* 620-630* 690-700* 795-800*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar Wire rod (mesh quality) Sections (medium) Beams  Central Europe domestic € per tonn Hot rolled coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 140 - 640 -	2.86% 4 2.39% 4 -0.79%	17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized	540-545* 570-575* 600-605* 620-630* 690-700*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonn Hot rolled coil  Poland domestic zloty per tonne ex	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-645* 520-530* 100-645* 100-65* 100-6	2.86% 2.39% 2.0.79% 3.79	17 Jan 18	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized	540-545* 570-575* 600-605* 620-630* 690-700* 795-800*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar  Wire rod (mesh quality)  Sections (medium)  Beams  Central Europe domestic € per tonn  Hot rolled coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 140 - 640 -	2.86% <b>2</b> .39% <b>3</b> .79% <b>3</b> .79% <b>4</b>	17 Jan 18	Metal Bulletin's appraisal of prices we 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 fo	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*	-0.91% \ 0.26% \ \ \ 0.67% \ \ \ 0.36% \ \ \ \ \ \ 0% \ \ \ 0% \ \ \ \ \ \ \	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar Wire rod (mesh quality) Sections (medium) Beams  Central Europe domestic € per tonn Hot rolled coil  Poland domestic zloty per tonne ex	ain the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 120-530*	2.86% 2.39% 2.0.79% 3.79	17 Jan 18	Metal Bulletin's appraisal of prices we origin, \$ per tonne ex-works Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*	-0.91% \ 0.26% \ \ \ 0.67% \ \ \ 0.36% \ \ \ \ \ \ 0% \ \ \ 0% \ \ \ \ \ \ \	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d Rebar  Wire rod (mesh quality)  Sections (medium)  Beams  Central Europe domestic € per tonn  Hot rolled coil  Poland domestic zloty per tonne ex  Rebar	ain the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 120-530*	2.86% 2.39% 2.0.79% 3.79	17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18	Metal Bulletin's appraisal of prices we 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 fo	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*	-0.91% \\ 0.26% \\ 0.67% \\ 0.36% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0 \tag{ality carbon steeted}	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d  Rebar  Wire rod (mesh quality)  Sections (medium)  Beams  Central Europe domestic € per tonn  Hot rolled coil  Poland domestic zloty per tonne ex  Rebar  Northern Europe € per tonne ex-wo	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-645* 100-65	2.86% 4 2.39% 4 -0.79% 1 0.79% 2	17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18	Metal Bulletin's appraisal of prices we 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	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*	-0.91% \\ 0.26% \\ 0.67% \\ 0.36% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0% \\ 0 \tag{ality carbon steel}	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1
Southern Europe domestic  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 domestic colled coil  Poland domestic zloty per tonne ex Rebar  Northern Europe € per tonne ex-wolled (8-40mm)	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-645* 100-65	2.86% 4 2.39% 4 -0.79% 0.79% 4 0%	17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 19 Jan 18	Metal Bulletin's appraisal of prices we 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	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu	-0.91% \\ 0.26% \\ 0.67% \\ 0.87% \\ 0.36% \\ 0% \\ 0% \\ 0% \\ 0% \\ -0.47% \\ -2.05% \\	7 18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1
Southern Europe domestic  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-word plate (8-40mm)  Hot rolled coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 10 eex-works 520-530* 10 eex-works 2,320-2,350* 10 eex-works 580-590* 540-550*	2.86% 4 2.39% 4 -0.79% 7 0.79% 4 0%	17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 17 Jan 18 19 Jan 18 17 Jan 18	Metal Bulletin's appraisal of prices we 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	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 595-600*	-0.91% \\ 0.26% \\ 0.67% \\ 0.87% \\ 0.36% \\ 0% \\ 0% \\ 0% \\ 0% \\ -0.47% \\ -2.05% \\	7 18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1
Southern Europe domestic  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-wood Plate (8-40mm)  Hot rolled coil  Cold rolled coil  Hot-dip galvanized coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 10 ex-works 2,320-2,350* 10 ex-works 580-590* 540-550* 610-640* 650-680*	2.86% 4 2.39% 4 -0.79% 7 0.79% 4 0% 2.86% 4 0% 0%	17 Jan 18	Metal Bulletin's appraisal of prices we 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	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 595-600* 650-655*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d 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  Southern Europe € per tonne ex-wo	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-645* 100-645* 100-645* 100-645* 100-645* 100-640*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 595-600* 650-655*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d 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  Southern Europe € per tonne ex-wo Plate (8-40mm)	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-645* 100-645* 100-645* 100-645* 100-645* 100-640*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 595-600* 650-655*  r imported commercial-qu	-0.91%	18 Jan 18 Jan 19
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d 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  Southern Europe € per tonne ex-wo Plate (8-40mm)  Hot rolled coil  Hot-dip galvanized coil  Southern Europe € per tonne ex-wo Plate (8-40mm)  Hot rolled coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-645* 100-645* 100-645* 100-645* 100-645* 100-640*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Billet	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 650-655*  r imported commercial-qu	-0.91%	18 Jan 18 Jan 19
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d 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-wolled coil  Cold rolled coil  Hot-dip galvanized coil  Southern Europe € per tonne ex-wolled coil  Southern Europe € per tonne ex-wolled coil  Cold rolled coil  Hot rolled coil  Cold rolled coil  Cold rolled coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-645* 100-640*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Billet Rebar	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 650-655*  r imported commercial-qu 520-522* 565-570*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 16 Jan 1 16 Jan 1
Southern Europe domestic  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-word Plate (8-40mm)  Hot rolled coil  Cold rolled coil  Hot-dip galvanized coil  Southern Europe € per tonne ex-word part of the part of t	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-645* 100-645* 100-645* 100-645* 100-645* 100-640*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Billet Rebar Hot rolled coil	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  520-530* 595-600* 650-655*  r imported commercial-qu  520-522* 565-570* 580-590*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 16 Jan 1 16 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d 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-wolled exil  Cold rolled coil  Hot-dip galvanized coil  Cold rolled coil  Hot rolled coil  Cold rolled coil  Hot rolled coil  Cold rolled coil  Hot-dip galvanized coil  Cold rolled coil  Hot-dip galvanized coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-640* 650-680* 100-640* 610-640* 610-640* 610-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-650* 100-640* 100-640* 100-650* 100-640* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-650* 100-650* 100-650* 100-640* 100-650*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Billet Rebar Hot rolled coil Cold rolled coil	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  520-530* 595-600* 650-655*  r imported commercial-qu  520-522* 565-570* 580-590* 630-640*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 16 Jan 1 16 Jan 1 16 Jan 1
Southern Europe domestic  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-word Plate (8-40mm)  Hot rolled coil  Southern Europe € per tonne ex-word Plate (8-40mm)  Hot rolled coil  Cold rolled coil  Cold rolled coil  Cold rolled coil  Cold rolled coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-640* 650-680* 100-640* 610-640* 610-640* 610-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-650* 100-640* 100-640* 100-650* 100-640* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-650* 100-650* 100-650* 100-640* 100-650*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Hot dip galvanized coil	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  520-530* 595-600* 650-655*  r imported commercial-qu  520-522* 565-570* 580-590*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 16 Jan 1 16 Jan 1 16 Jan 1
Southern Europe domestic  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-word Plate (8-40mm)  Hot rolled coil  Cold rolled coil  Southern Europe € per tonne ex-word Plate (8-40mm)  Hot rolled coil  Cold rolled coil  Cold rolled coil  Cold rolled coil  Hot-dip galvanized coil  Cold rolled coil  Hot-dip galvanized coil	nin the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 100-640* 650-680* 100-640* 610-640* 610-640* 610-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-640* 100-650* 100-640* 100-640* 100-650* 100-640* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-640* 100-650* 100-650* 100-650* 100-650* 100-650* 100-640* 100-650*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Billet Rebar Hot rolled coil Cold rolled coil	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  520-530* 595-600* 650-655*  r imported commercial-qu  520-522* 565-570* 580-590* 630-640*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 16 Jan 1 16 Jan 1 16 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d 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-woi 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 Hot-dip galvanized coil  Cold rolled coil Hot-dip galvanized coil	in the EU (excluding the lelivered basis point 530-550* 520-550* 610-645* 620-650* 520-530* 520-530* 640-550* 610-640* 650-680* 610-640* 610-640*	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Hot dip galvanized coil	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 595-600* 650-655*  r imported commercial-qu 520-522* 565-570* 580-590* 630-640* 740-750*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 16 Jan 1 16 Jan 1 16 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d 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-wor Plate (8-40mm)  Hot rolled coil  Cold rolled coil  Hot-dip galvanized coil  Southern Europe € per tonne ex-wor Plate (8-40mm)  Hot rolled coil  Cold rolled coil  Cold rolled coil  Hot-dip galvanized coil  CARBON STEEL - NORTH AFRICA  Algeria imports	in the EU (excluding the lelivered basis point 530-550* 610-645* 620-650* 100-645* 100-640* 1	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Rolled rolled coil Saudi Arabia imports	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 595-600* 650-655*  r imported commercial-qu 520-522* 565-570* 580-590* 630-640* 740-750*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 16 Jan 1 16 Jan 1 16 Jan 1
Southern Europe domestic  Metal Bulletin's appraisal of prices with carbon steel of EU origin, € per tonne d 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-woi 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 Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil	in the EU (excluding the lelivered basis point 530-550* 610-645* 620-650* 100-645* 100-640* 1	2.86%	17 Jan 18	Metal Bulletin's appraisal of prices we 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 Saudi Arabia imports Metal Bulletin's appraisal of prices for	540-545* 570-575* 600-605* 620-630* 690-700* 795-800* 865-870*  r imported commercial-qu 520-530* 595-600* 650-655*  r imported commercial-qu 520-522* 565-570* 580-590* 630-640* 740-750*	-0.91%	18 Jan 1 18 Jan 1 18 Jan 1 19 Jan 1 16 Jan 1 16 Jan 1 16 Jan 1

†week-on-week change

22 January 2018   Metal Bulleti		9544.1			Copyright ©	2002-2018	Meta	al Bulletir
	Price	Change	Assessed	CARBONSTEEL-NAFTA				
UAE domestic					Price	Change <sup>†</sup>		Assesse
Metal Bulletin's appraisal of prices within	UAE for commercial-	quality carbon st	eel of UAE	US imports		onango		7100000
origin, dirhams per tonne ex-works				·	artad non Nafta aria	rin commore	ial au	ality oarbo
Rebar	2,332-2,340*	4.05%	16 Jan 18	Metal Bulletin's appraisal of prices for imp steel, \$ per short ton cfr port Houston	ortea, non-warta orig	JIII, COIIIIIIerci	ai-qua	anty carbo
ran imports				Rebar	562-576*	-1.9%	•	17 Jan 1
Metal Bulletin's appraisal of prices quoted	d by overseas supplier	s for commercia	l-quality	Merchant bars	600-640*	0%		29 Dec
carbon steel to Iranian buyers, \$ per tonn	ne cfr Iranian northern	ports				-0.76%	▼	10 Jan
Cold rolled coil	595-640*	0%	17 Jan 18	Wire rod (low carbon)	572-600*			
Hot rolled coil	565-600*	0%	17 Jan 18	Medium sections	600-635*	0%		28 Dec
lot dip galvanized coil	640-685*	0%	13 Dec 17	Medium plate	625-630*	0%		10 Jan
gyptian domestic				Hot rolled coil (commodity)	630-670*	10.17%	<u> </u>	10 Jan
Metal Bulletin's appraisal of prices within	Eavpt for commercial	-quality carbon s	steel of	Cold rolled coil	720-760*	5.71%		10 Jan
Egyptian origin, E£ per tonne ex-works	357	,		Hot dipped galvanized 0.012-0.015, G30	900-965*	0%		10 Jan
Rebar	11,950-11,980*	0%	18 Jan 18	ERW linepipe (X42)	810-830*	1.23%	_	26 Dec
Egyptian import				OCTG APISCT - casing J55	815-850*	-1.19%	Ŧ	26 Dec
Metal Bulletin's appraisal of prices for imp	norted commercial-au	ıalitv carhon stee	el \$ nertonne	-	010-000	-1.13/0		20 060
ofr main port	ported commercial qu	anty carbon stoo	n, φ por tornic	US domestic				
Billet	510-530*	-4.15% <b>▼</b>	7 18 Jan 18	AMM's appraisal of prices within the USA		ity carbon ste	el of U	Sor
	0.000			Canadian origin, \$ per short ton, delivery t		0.700/		47.1
				Rebar (fob mill)	620-640*	6.78%		17 Jan
CARBON STEEL - LATIN AMERICA				Wire rod (mesh quality fob mill)	600-600*	0%		10 Jan
	Price	Change <sup>t</sup>	Assessed	Plate (fob mill)	710-710*	2.9%	_	12 Jan
atin American exports				Hot rolled sheet index (fob mill)	706-706*	3.94%		18 Jan
Metal Bulletin's appraisal of Latin America	an mills' prices for exp	ort outside Latin	America of	Cold rolled sheet (fob mill)	880-880*	2.33%	<b>A</b>	18 Jan
commercial-quality carbon steel, \$ per to	onne fob stowed main i	Latin American p	ort	Hot-dip galvanized (base) Midwest	000 000*	4.400/		40 1
Billet	510-520*	0%	19 Jan 18	(fob mill)	860-860*	1.18%	_	18 Jan
Slab, Brazil	530-540*	3.88% ▲	19 Jan 18	OCTG API5CT - casing J55 (fob mill)	925-975*	-2.56%	•	26 Dec
Rebar	560-565*	0%	19 Jan 18	AMM's appraisal of prices within the USA		-	el of U	Sor
Wire rod mesh quality	560-565*			Canadian origin, \$ per hundredweight, del	ivery terms as indica	ted		
			19 Jan 18					
· · ·		0%	19 Jan 18 19 Jan 18	Merchant bar 3 x 3 1/4 angle (fob mill)	30.25-30.25*	0%		29 Dec
Heavy plate over 10mm	570-575*	0%	19 Jan 18	Merchant bar 3 x 3 1/4 angle (fob mill)	30.25-30.25*	0%		29 Dec
Heavy plate over 10mm Hot rolled coil (dry)	570-575* 570-580*	0% 0%	19 Jan 18 19 Jan 18	Merchant bar 3 x 3 1/4 angle (fob mill)	30.25-30.25*	0%		29 Dec
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil	570-575* 570-580* 670-685*	0% 0% 0%	19 Jan 18 19 Jan 18 19 Jan 18	Merchant bar 3 x 3 1/4 angle (fob mill)  CARBONSTEEL - ASIA	30.25-30.25*	0%		29 Dec
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil	570-575* 570-580*	0% 0%	19 Jan 18 19 Jan 18	, , , , , , , , , , , , , , , , , , ,	30.25-30.25*  Price	0% Change <sup>†</sup>		
Heavy plate over 10mm  Hot rolled coil (dry)  Cold rolled coil  Galvanized coil  South America imports	570-575* 570-580* 670-685* 800-810*	0% 0% 0% 0%	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18	CARBONSTEEL - ASIA				
Heavy plate over 10mm  Hot rolled coil (dry)  Cold rolled coil  Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for	570-575* 570-580* 670-685* 800-810*	0% 0% 0% 0%	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18	CARBONSTEEL - ASIA China exports	Price	Change <sup>†</sup>	ualitu.	Assess
Heavy plate over 10mm  Hot rolled coil (dry)  Cold rolled coil  Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for  \$ per tonne cfr main ports	570-575* 570-580* 670-685* 800-810*	0% 0% 0% 0%	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18	CARBONSTEEL - ASIA  China exports  Metal Bulletin's appraisal of Chinese mills	Price	Change <sup>†</sup>	uality (	Assess
Heavy plate over 10mm  Hot rolled coil (dry)  Cold rolled coil  Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for  \$ per tonne cfr main ports  Plate	570-575* 570-580* 670-685* 800-810* imported, commercia 600-610*	0% 0% 0% 0% 	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18	CARBONSTEEL - ASIA  China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port	<b>Price</b> prices for export of a	<b>Change</b> † commercial-qu	uality (	<b>Assess</b> carbon st
Heavy plate over 10mm  Hot rolled coil (dry)  Cold rolled coil  Galvanized coil  South America imports  Metal Bulletin's appraisal of cfr prices for  \$ per tonne cfr main ports  Hot rolled coil	570-575* 570-580* 670-685* 800-810* imported, commercia 600-610* 610-615*	0% 0% 0% 0% l-quality carbon 0% -0.81%	19 Jan 18  steel, 19 Jan 18 19 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index	<b>Price</b> prices for export of a	Change <sup>†</sup> commercial-qu 0.8%	<u> </u>	Assess carbon st
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil 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	570-575* 570-580* 670-685* 800-810*  imported, commercia 600-610* 610-615* 650-660*	0% 0% 0% 0% l-quality carbon 0% -0.81% -0.76%	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18  steel, 19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18	China exports  Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index  Wire rod (mesh quality)	Price prices for export of a 561-561* 550-570*	Change <sup>†</sup> commercial-qu 0.8% -1.32%	<b>▲</b> ▼	Assess carbon st 19 Jan 16 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 8 per tonne cfr main ports Plate Hot rolled coil Galvanized coil	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*	0% 0% 0% 0% l-quality carbon 0% -0.81%	19 Jan 18  steel, 19 Jan 18 19 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	Price  prices for export of a 561-561* 550-570* 555-560*	Change <sup>†</sup> commercial-qu 0.8% -1.32% -1.76%	<b>▲</b> ▼	Assess carbon st 19 Jan 16 Jan 16 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for S per tonne cfr main ports Plate Hot rolled coil Galvanized coil	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*	0% 0% 0% 0% l-quality carbon 0% -0.81% -0.76%	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18  steel, 19 Jan 18 19 Jan 18 19 Jan 18 19 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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569*	Change <sup>†</sup> commercial-qu 0.8% -1.32% -1.76% -0.19%	<b>▲</b> ▼ ▼	Assess carbon st 19 Jan 16 Jan 16 Jan 19 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil 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 Galvanized coil Argentina domestic \$ per tonne ex-wee	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  orks	0% 0% 0% 0% <i>I-quality carbon</i> 0% -0.81% ▼ -0.76% ▼	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18 steel, 19 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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615*	Change <sup>†</sup> commercial-qu  0.8%  -1.32%  -1.76%  -0.19%  -0.81%	<b>▲</b> ▼ ▼ ▼	Assess carbon st 19 Jan 16 Jan 16 Jan 19 Jan 16 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for \$\( \text{per tonne cfr main ports} \) Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$\( \text{per tonne ex-we} \) Metal Bulletin's appraisal of prices within	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  orks	0% 0% 0% 0% <i>I-quality carbon</i> 0% -0.81% ▼ -0.76% ▼	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18 steel, 19 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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569*	Change <sup>†</sup> commercial-qu 0.8% -1.32% -1.76% -0.19%	<b>▲</b> ▼ ▼	Assess carbon st 19 Jan 16 Jan 16 Jan 19 Jan 16 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for \$\textit{g} \text{per tonne cfr main ports} Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-we Metal Bulletin's appraisal of prices within tonne	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  orks	0% 0% 0% 0% <i>I-quality carbon</i> 0% -0.81% ▼ -0.76% ▼	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18  steel, 19 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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615*	Change <sup>†</sup> commercial-qu  0.8%  -1.32%  -1.76%  -0.19%  -0.81%	<b>▲</b> ▼ ▼ ▼	Assess carbon st 19 Jan 16 Jan 16 Jan 19 Jan 16 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for \$\textit{g}\$ per tonne cfr main ports Plate Hot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-we Metal Bulletin's appraisal of prices within tonne Hot rolled coil	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  *Argentina for comme.	0% 0% 0% 0% I-quality carbon 0% -0.81% -0.76%  -0.35%  ▼ rcial-quality carb	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18  steel, 19 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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*	Change <sup>†</sup> commercial-qu 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%	<b>▲</b> ▼ ▼ ▼ ▼	Assess carbon si 19 Jan 16 Jan 16 Jan 19 Jan 16 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil 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 Cold rolled coil	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  *Orks Argentina for comme.	0% 0% 0% 0% I-quality carbon 0% -0.81% -0.76% ▼ -0.35% ▼ 1.75% ▲	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18  steel, 19 Jan 18 00 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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*	Change <sup>†</sup> commercial-qu 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%	<b>▲</b> ▼ ▼ ▼ ▼	Assess carbon si 19 Jan 16 Jan 16 Jan 19 Jan 16 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for \$\frac{8}{2} \text{ per tonne cfr main ports} Plate Hot rolled coil Galvanized coil Argentina domestic \$\frac{8}{2} \text{ per tonne ex-we} Metal Bulletin's appraisal of prices within tonne Hot rolled coil Galvanized coil Gold rolled coil	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  Orks  Argentina for comme. 720-735* 840-845*	0% 0% 0% 0% l-quality carbon 0% -0.81% -0.76% ↓ -0.35% ▼ 1.75% 1.51%	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18  steel, 19 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 1 mm  Eastern China domestic  Metal Bulletin's appraisal of prices in easter	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*	Change <sup>†</sup> commercial-qu 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%	<b>▲</b> ▼ ▼ ▼ ▼	Assess 19 Jan 16 Jan 16 Jan 19 Jan 16 Jan 16 Jan 16 Jan steel of
deavy plate over 10mm dot rolled coil (dry) Cold rolled coil Salvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 8 per tonne cfr main ports Plate dot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-wi Metal Bulletin's appraisal of prices within onne dot rolled coil Gold rolled coil Galvanized coil Gold rolled coil	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  *Orks  *Argentina for comme. 720-735* 840-845* 1,070-1,170*	0% 0% 0% 0% l-quality carbon 0% -0.81% -0.76% ↓ -0.35% ▼ 1.75% 1.51% 2.28%	19 Jan 18 19 Jan 18 19 Jan 18 19 Jan 18  steel, 19 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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  ern China for comme	Change <sup>†</sup> commercial-qu 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%	▲ ▼ ▼ ▼ ▼ arbon	Assess 19 Jan 16 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil 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 Rebar Brazil domestic	570-575* 570-580* 670-685* 800-810*  -imported, commercia 600-610* 610-615* 650-660* 715-720*  orks  Argentina for comme. 720-735* 840-845* 1,070-1,170* 840-850*	0% 0% 0% 0% 0% l-quality carbon 0% -0.81% ▼ -0.76% ▼ -0.35% ▼ trial-quality carb 1.75% Δ 2.28% Δ	19 Jan 18 7 19 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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  ern China for comme use 3,800-3,850*	Change <sup>†</sup> commercial-qu 0.8% -1.32% -1.76% -0.19% -0.81% -0.37% rcial-quality c. 0.53%	▲  ▼  ▼  ▼  arbon	Assess  19 Jan 16 Jan 17 Jan 18 Jan 19 Jan 19 Jan
deavy plate over 10mm dot rolled coil (dry) Sold rolled coil Salvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 8 per tonne cfr main ports Plate dot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-within onne dot rolled coil Gold rolled coil Gold rolled coil Gold rolled coil Gold rolled coil Galvanized coil Graval domestic Metal Bulletin's appraisal of prices within	570-575* 570-580* 670-685* 800-810*  -imported, commercia 600-610* 610-615* 650-660* 715-720*  orks  Argentina for comme. 720-735* 840-845* 1,070-1,170* 840-850*	0% 0% 0% 0% 0% l-quality carbon 0% -0.81% ▼ -0.76% ▼ -0.35% ▼ trial-quality carb 1.75% Δ 2.28% Δ	19 Jan 18 7 19 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)	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  ern China for comme use 3,800-3,850* 3,880-3,920*	Change <sup>†</sup> commercial-qu  0.8%  -1.32%  -1.76%  -0.19%  -0.81%  -0.37%  rcial-quality c.  0.53%  -1.27%	▲  ▼  ▼  ▼  arbon	Assess 19 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 19 Jan 19 Jan 19 Jan 19 Jan 19 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 8 per tonne cfr main ports Plate Hot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-within tonne Hot rolled coil Gold rolled coil Galvanized coil	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*  orks Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*	0% 0% 0% 0% 0%  I-quality carbon 0% -0.81%	19 Jan 18 19 Jan	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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  ern China for comme use 3,800-3,850* 3,880-3,920* 4,080-4,120*	Change <sup>†</sup> commercial-qu  0.8%  -1.32%  -1.76%  -0.19%  -0.81%  -0.37%  rcial-quality c.  0.53%  -1.27%  -0.12%	▲ ▼ ▼ ▼ ▼ ▼ ▼ ▼	Assess  19 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 17 Jan 18 Jan 19 Jan 19 Jan 19 Jan 19 Jan 19 Jan
leavy plate over 10mm flot rolled coil (dry) Sold rolled coil South America imports Metal Bulletin's appraisal of cfr prices for 6 per tonne cfr main ports Plate Hot rolled coil Sold rolled coil	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*  orks Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  Description of the commercial 2,300-2,400*	0% 0% 0% 0% 0% -quality carbon 0% -0.81% -0.76% -0.35%  1.75% 1.51% 2.28% 0% -quality carbon s	19 Jan 18 19 Jan	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	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  ern China for comme use 3,800-3,850* 3,880-3,920* 4,080-4,120* 4,020-4,050*	Change <sup>†</sup> commercial-qu  0.8%  -1.32%  -1.76%  -0.19%  -0.37%  crial-quality c.  0.53%  -1.27%  -0.12%  -1.22%	<b>★</b> ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼	Assess 19 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 17 Jan 18 Jan 19 Jan 19 Jan 19 Jan 19 Jan 19 Jan 19 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Salvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 5 per tonne cfr main ports Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-within onne Hot rolled coil Galvanized coil Grebar Grazil domestic Metal Bulletin's appraisal of prices within onne ex-works Hot rolled coil Cold rolled coil	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*  orks Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  Description of the commercial 2,300-2,400* 2,600-2,700*	0% 0% 0% 0% 0% -quality carbon 0% -0.81% -0.76% -0.35%  1.75%  1.51% 2.28% 0% -quality carbon s -quality carbon s	19 Jan 18 19 Jan	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)	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  ern China for comme use 3,800-3,850* 3,880-3,920* 4,080-4,120* 4,020-4,050* 4,040-4,080*	Change <sup>†</sup> commercial-qu  0.8%  -1.32%  -1.76%  -0.19%  -0.37%  crial-quality c.  0.53%  -1.27%  -0.12%  -1.22%  -2.87%	A V V V V V V V V V V V V V V V V V V V	Assess 2 19 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 19 Jan
deavy plate over 10mm dot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 6 per tonne cfr main ports Plate dot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-work Metal Bulletin's appraisal of prices within onne Hot rolled coil Galvanized coil Galvanized coil Galvanized coil Galvanized coil Galvanized coil Galvanized coil Gold rolled coil	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  *orks 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% 0% 0% 0% 0% l-quality carbon 0% -0.81% ▼ -0.76% ▼ -0.35% ▼ rcial-quality carb 1.75% ▲ 1.51% ▲ 2.28% ▲ 0% -quality carbon s -34.81% ▼ -29.43% ▼	19 Jan 18 10 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 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 (oin 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  en China for comme use 3,800-3,850* 4,080-4,120* 4,020-4,050* 4,040-4,080* 4,700-4,750*	Change <sup>†</sup> 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%  rcial-quality c.  0.53% -1.27% -0.12% -1.22% -2.87% -1.36%	▲ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼	Assess 2 19 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 19 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 5 per tonne cfr main ports Plate Hot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-within conne Hot rolled coil Galvanized coil Hot olled coil Hot olled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within conne ex-works Hot rolled coil Hot dip galvanized coil	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  *orks 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% 0% 0% 0% 0% l-quality carbon 0% -0.81% ▼ -0.76% ▼ -0.35% ▼ rcial-quality carb 1.75% ▲ 1.51% ▲ 2.28% ▲ 0% -quality carbon s -34.81% ▼ -29.43% ▼	19 Jan 18 10 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  Northern China domestic	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  em China for comme use 3,800-3,850* 4,080-4,120* 4,020-4,050* 4,040-4,080* 4,700-4,750* 4,900-4,950*	Change <sup>†</sup> 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%  crial-quality c. 0.53% -1.27% -0.12% -1.22% -2.87% -1.36% -3.34%	A V V V V V V V V V V V V V V V V V V V	Assess 247500 St 19 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 19 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 8 per tonne cfr main ports Plate Hot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-within conne Hot rolled coil Galvanized coil Hot olled coil Hot olled coil Hot olled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within conne ex-works Hot rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within conne delivered	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*  orks Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* brazil for commercial	0% 0% 0% 0% 0% -quality carbon 1.75% 1.51% 2.28% 0% -quality carbon s -34.81% -29.43% -quality carbon s	19 Jan 18 19 Jan	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 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  Northern China domestic  Metal Bulletin's appraisal of prices in north	Price  prices for export of a 561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  ern China for comme use 3,800-3,850* 4,080-4,120* 4,020-4,050* 4,040-4,080* 4,700-4,750* 4,900-4,950*	Change <sup>†</sup> 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%  crial-quality c. 0.53% -1.27% -0.12% -1.22% -2.87% -1.36% -3.34%	A V V V V V V V V V V V V V V V V V V V	Assess 22 carbon si 19 Jan 16 Jan 19 Jan 16 Jan 16 Jan 19 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for \$\frac{\text{\$per tonne cfr main ports}}{\text{Plate}}\$ Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$\frac{\text{\$per tonne ex-within tonne}}{\text{\$cond}}\$ Hot rolled coil Gold rolled coil	570-575* 570-580* 670-685* 800-810*  *imported, commercial 600-610* 610-615* 650-660* 715-720*  *orks 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% 0% 0% 0% 0% l-quality carbon 0% -0.81% ▼ -0.76% ▼ -0.35% ▼ rcial-quality carb 1.75% ▲ 1.51% ▲ 2.28% ▲ 0% -quality carbon s -34.81% ▼ -29.43% ▼	19 Jan 18 10 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 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  Northern China domestic  Metal Bulletin's appraisal of prices in north Chinese origin (Tangshan), yuan per tonne	Price  prices for export of a comme comme construction of the comme comm	Change <sup>†</sup> 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%  rcial-quality c1.27% -0.12% -1.22% -2.87% -1.36% -3.34%  ercial-quality	A V V V V V V V V V V V V V V V V V V V	Assess carbon st 19 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 19 Jan
deavy plate over 10mm dot rolled coil (dry) Cold rolled coil South America imports Metal Bulletin's appraisal of cfr prices for Seper tonne cfr main ports Plate dot rolled coil Galvanized coil Galvanized coil Argentina domestic \$ per tonne ex-within onne dot rolled coil Galvanized coil	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*  orks Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* brazil for commercial	0% 0% 0% 0% 0% -quality carbon 1.75% 1.51% 2.28% 0% -quality carbon s -34.81% -29.43% -quality carbon s	19 Jan 18 19 Jan	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  Northern China domestic  Metal Bulletin's appraisal of prices in north Chinese origin (Tangshan), yuan per tonne Billet	Price  prices for export of a common	Change <sup>†</sup> 0.8%  -1.32% -1.76% -0.19% -0.81% -0.37%  rcial-quality c.  1.22% -1.22% -2.87% -1.36% -3.34%  ercial-quality -0.84%	A V V V V V V V V V V V V V V V V V V V	### Assess ### Carbon si ### 19 Jan ### 16 Jan ### 19 J
deavy plate over 10mm dot rolled coil (dry) Cold rolled coil South America imports Metal Bulletin's appraisal of cfr prices for Seper tonne cfr main ports Plate dot rolled coil Galvanized coil Galvanized coil Argentina domestic \$ per tonne ex-within onne dot rolled coil Galvanized coil	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*  orks Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* brazil for commercial	0% 0% 0% 0% 0% -quality carbon 1.75% 1.51% 2.28% 0% -quality carbon s -34.81% -29.43% -quality carbon s	19 Jan 18 19 Jan	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  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 (Tangshan), yuan per tonne Billet	Price  prices for export of a comme	Change <sup>†</sup> 0.8%  -1.32% -1.76% -0.19% -0.81% -0.37%  rcial-quality c.  1.22% -1.22% -2.87% -1.36% -3.34%  ercial-quality -0.84%	A V V V V V V V V V V V V V V V V V V V	### Assess ### Carbon si ### 19 Jan ### 16 Jan ### 19 J
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 8 per tonne cfr main ports Plate Hot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-within conne Hot rolled coil Galvanized coil Hot olled coil Hot olled coil Hot olled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within conne ex-works Hot rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within conne delivered	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*  orks Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* brazil for commercial	0% 0% 0% 0% 0% -quality carbon 1.75% 1.51% 2.28% 0% -quality carbon s -34.81% -29.43% -quality carbon s	19 Jan 18 19 Jan	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  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-wareho	Price  prices for export of a commoduse  561-561* 550-570* 555-560* 569-569* 610-615* 670-675*  an China for comme use 3,800-3,850* 4,080-4,120* 4,020-4,050* 4,040-4,080* 4,700-4,750* 4,900-4,950*  mern China for comme ex-works 3,560-3,560* mern China for commuse	Change <sup>†</sup> 0.8% -1.32% -1.76% -0.19% -0.81% -0.37%  rcial-quality c1.22% -1.22% -2.87% -1.36% -3.34%  ercial-quality -0.84%	A V V V V V V V Carbo.	### Assess ### Carbon si ### 19 Jan ### 16 Jan ### 19 J
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for 8 per tonne cfr main ports Plate Hot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-within conne Hot rolled coil Galvanized coil Hot olled coil Hot olled coil Hot olled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within conne ex-works Hot rolled coil Hot dip galvanized coil Metal Bulletin's appraisal of prices within conne delivered	570-575* 570-580* 670-685* 800-810*  imported, commercial 600-610* 610-615* 650-660* 715-720*  orks Argentina for comme 720-735* 840-845* 1,070-1,170* 840-850*  brazil for commercial 2,300-2,400* 2,600-2,700* 2,800-3,040* brazil for commercial	0% 0% 0% 0% 0% -quality carbon 1.75% 1.51% 2.28% 0% -quality carbon s -34.81% -29.43% -quality carbon s	19 Jan 18 19 Jan	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  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 (Tangshan), yuan per tonne Billet	Price  prices for export of a comme	Change <sup>†</sup> 0.8%  -1.32% -1.76% -0.19% -0.81% -0.37%  rcial-quality c.  1.22% -1.22% -2.87% -1.36% -3.34%  ercial-quality -0.84%	A V V V V V V V V V V V V V V V V V V V	Assess carbon s 19 Jan 16 Jan 16 Jan 16 Jan 16 Jan 16 Jan 19 Jan

†week-on-week change

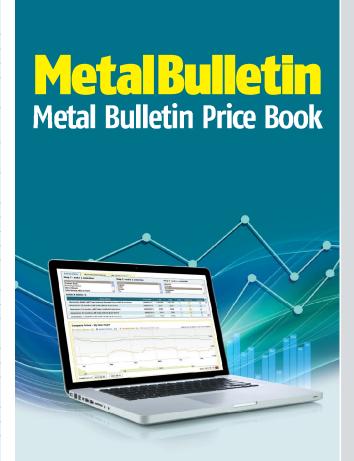
22 January 2018   Metal Bulle	tin Daily   Number	9544.1			Copyright © 2	2002-2018 M	etai Bulletii
Southern China domestic	Price	Change	Assessed	STAINLESS STEEL			
	outharn China far as man	raial avality as	whom atom of		Price	Change <sup>†</sup>	Assesse
Metal Bulletin's appraisal of prices in so Chinese origin, yuan per tonne ex-ware		erciai-quanty ca	ardon steel of	Asia import			
Rebar	4,100-4,160*	-0.48%	▼ 19 Jan 18	\$/tonne cif East Asian port			
Wire rod (mesh)	4,000-4,050*		▼ 19Jan 18	Grade 304 2mm CR coil 2B	2,150-2,210*	1.87%	17 Jan 1
Sections	4,230-4,250*	0.0270	▼ 19Jan 18	Grade 304 HR sheet	2,010-2,100*	-0.96% <b>V</b>	7 17 Jan 1
				China domestic			
Plate	4,130-4,180*		▼ 19 Jan 18	yuan/tonne, in-warehouse			
Hot rolled coil (min 2mm)	4,120-4,150*		▼ 19 Jan 18	Grade 304 2mm CR coil	14,500-15,200*	-1.33% <b>V</b>	7 18 Jan 1
Cold rolled coil (0.5 - 2 mm)	4,640-4,680*		▼ 19 Jan 18	Grade 430 2mm CR coil	9,600-9,700*	0%	18 Jan 1
Hot-dip galvanized coil	5,100-5,150*	-0.1%	▼ 19 Jan 18		3,000 3,700	0 70	100011
Southeast Asia imports				EU export			
Metal Bulletin's appraisal of prices in So	outheast Asia for comme	rcial-quality ca	rbon steel \$ per	€/tonne fob N.European port			
tonne cfr				Min 100 tonne lot	0.000.0.404*	00/	40.1
Billet	530-545*	-0.46%	▼ 15 Jan 18	Grade 304 2mm CR sheet	2,300-2,421*	0%	19 Jan
Slab (Asia/East Asia)	520-535*	1.93%	▲ 15 Jan 18	EU domestic			
Hot rolled coil (Vietnam)	575-585*	0.87%	▲ 15 Jan 18	2mm 304 cold rolled stainless sheet, €/tonn			
Rebar (Singapore)	555-565*	-2.61%	▼ 15 Jan 18	N.Europe Base price	1,060-1,120*	0%	19 Jan
Wire rod (low carbon)	570-580*	-3.36%	▼ 15 Jan 18	Alloy surcharge	1,240-1,301*	0%	19 Jan
Indian exports				2mm 316 cold rolled stainless sheet, €/tonn	ie		
Metal Bulletin's appraisal of Indian mills	s' prices for export of cor	nmercial-quali	ty carbon steel,	Base price	1,345-1,430*	-0.54% <b>T</b>	19 Jan
\$ per tonne fob main India port		•		Alloy surcharge	1,768-1,864*	0%	19 Jan
Billet	505-515*	-0.97%	▼ 19 Jan 18	304 stainless steel bright bar, €/tonne			
Plate (12-40mm)	560-575*	1.79%	▲ 19 Jan 18	Base price	990-1,040*	-0.49% <b>T</b>	19 Jan 1
Hot rolled coil (commodity)	620-625*	0%	19 Jan 18	Alloy surcharge	1,530-1,580*	0%	19 Jan
Hot-dip galvanized coil	785-800*	0%	19 Jan 18	US domestic			
Indian imports				AMM's appraisal of prices within the USA fo	or commercial-quali	tv etainleee eteel	InflIS or
·				Canadian origin, \$ per hundredweight, fob	n commercial quan	ty stanness steel	1010001
Metal Bulletin's appraisal of prices for in steel, \$ per tonne cfr main India port	mportea, non-EU origin,	commerciai-qi	uanty carbon	Grade 304 coiled plate	107-107*	-3.17% <b>V</b>	7 10 Jan
	595-610*	-0.41%	▼ 19 Jan 18	Grade 316 coiled plate	143-143*	-2.73% <b>V</b>	
Plate (20-60mm)				Grade 304 cold rolled sheet	122-122*	-2.8% <b>V</b>	
Hot rolled coil (commodity)	630-635*		▼ 19 Jan 18	Grade 316L cold rolled sheet	156-156*	-2.5% <b>V</b>	
Hot rolled coil (CR grade)	570-585*		▲ 19 Jan 18		130-130	-2.J/0 V	10 Jaii i
Cold rolled	570-575*	0%	19 Jan 18	Raw materials index			
Indian domestic				EU domestic stainless steel \$ per tonne			
Metal Bulletin's appraisal of prices with	in India for commercial-	quality carbon :	steel, rupees per	304 Europe raw materials index	1,438.02*	1.01%	15 Jan 1
tonne ex-works				CHINA IRON ORE			
Billet	32,300-32,500*		▲ 19 Jan 18				
Heavy plate	40,000-40,500*	0%	19 Jan 18	cfr main China port \$ per dry metric tonne			
Hot rolled coil	41,750-42,250*	0%	19 Jan 18		Price	Change <sup>†</sup>	Assesse
Cold rolled coil	46,500-47,000*	0%	19 Jan 18	Iron ore index (62% Fe)	76.75*	-1.67% V	7 19 Jan 1
DRI	21,500-21,700*	1.89%	▲ 19 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe)	120.26*	-0.07% <b>V</b>	19 Jan 1
Hot-dip galvanized coil	51,000-51,500*	0%	19 Jan 18	Iron ore concentrate index cfr			
Rebar	34,300-34,500*	1.18%	▲ 19 Jan 18	Qingdao (66% Fe)	96.82*	-3.98% <b>V</b>	19 Jan 1
				Metal Bulletin Indicator for US\$/%	4.00*	10.00/	00 1 1
				Fe in iron ore fines cfr Quingdao	1.08*	10.2%	02 Jan 1
STEELBENCHMARKER™ PRICES				IDAN IDAN ODE			
	Price	Change <sup>†</sup>	Assessed	IRAN IRON ORE			
Region: USA east of the Mississipp	i			cfr China US \$ per tonne			
Standard plate (\$/metric tonne)	807	2.67%	▲ 08 Jan 18		Price	Change <sup>†</sup>	Assesse
Standard plate (\$/short ton)	732		▲ 08 Jan 18	Iron ore fines index (60% Fe)	66.87-66.87*	3.1%	03 Jan 1
Hot rolled coil (\$/metric tonne)	726		▲ 08 Jan 18				
Hot rolled coil (\$/short ton)	658		▲ 08 Jan 18	COKING COAL			
· , ,	906		▲ 08 Jan 18	\$ per metric tonne			
Cold rolled coil (\$/metric tonne)					Price	Change <sup>†</sup>	Assess
Cold rolled coil (\$/short ton)	822	0.61%	▲ 08 Jan 18	Premium hard coking coal cfr China	212.66-212.66*	0.69% <b>A</b>	
Region: Mainland China				Hard coking coal cfr China	192.59-192.59*		
Rebar	531		▼ 08 Jan 18	-	192.39-192.39	1.20/0	150411
Standard plate	545	-1.09%	▼ 08 Jan 18	Premium hard coking coal fob Australia	232.13-232.13*	-10.3% <b>V</b>	19 Jan
Hot rolled coil	549	-1.61%	▼ 08 Jan 18	Hard coking coal fob Australia	187.29-187.29*	-0.23% <b>V</b>	
Cold rolled coil	644	0.47%	▲ 08 Jan 18	China hard coking coal Shanxi spot		J.2070 V	10 0011
Region: World export market				market domestic delivered yuan/tonne	1,495-1,850*	0%	19 Jan 1
Hot rolled coil (\$/metric tonne)	578	0%	08 Jan 18	65% CSR coke \$/tonne fob Tianjin	350-360*	-2.07% <b>V</b>	
(				The state of the s		,.	
				† week-on-week change			continued

22 January 2018   Metal Bulletin D	Daily   Numbe	r 9544.1				Copyright © 2	2002-2018	3 Met	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 of	f UK prices for pro	ocessed scrap (	delivei	red to	Melting scrap from shipbreaking				
consumers within the month listed. Prices m					(\$/tonne)	365-365*	1.25%		15 Jan 18
should be read in conjunction with editorial of	comment on the F	errous scrap pa	ages.		Auto bundle scrap (Turkish lira/tonne)	1,260-1,400*	2.31%		15 Jan 18
£/tonne					USA export				
Cut grades					AMM ferrous scrap export index \$/tonne Ea	st Coast fob New Yo	rk		
OA plate and structural	210-235*	9.88%	<b>A</b>	16 Jan 18	HMS 1&2 (80:20)	347*	0%		17 Jan 18
1&2 old steel	190-215*	10.96%	<b>A</b>	16 Jan 18	Shredded	352*	0%		17 Jan 18
12A/C new production heavy and					USA domestic				
shovellable steel	215-240*	7.06%	▲	16 Jan 18	AMM Midwest index \$/gross ton delivered in	mill			
12D new production heavy and					No1 heavy melting scrap	308.13*	12.1%	•	10 Jan 18
shovellable steel	220-245*	6.9%	<b>A</b>	16 Jan 18	No1 busheling	370.29*	6.52%	<del>-</del>	10 Jan 18
Bales and cuttings					Shredded	329.55*	10.96%	$\overline{}$	10 Jan 18
4A new steel bales	220-245*	6.9%	<b>A</b>	16 Jan 18	China domestic	023.00	10.30 /0		10 0011 10
4C new steel bales	210-235*	7.23%	<b>A</b>	16 Jan 18					
8A new loose light cuttings	205-235*	7.32%	<b>A</b>	16 Jan 18	yuan/tonne delivered mill			_	
8B new loose light cuttings	190-220*	7.89%	<b>A</b>	16 Jan 18	Heavy scrap	2,300-2,530*	-6.21%		19 Jan 18
Turnings					Taiwan import				
UK inter-merchant 7B heavy steel					\$/tonne cfr main port				
turnings	165-185*	9.38%	<b>A</b>	16 Jan 18	HMS 1&2 (80:20 mix) (USA material)	348-360*	-0.28%	▼	19 Jan 18
Cast iron					Germany domestic				
9A/10 heavy and light cast iron	190-215*	8%	<b>A</b>	16 Jan 18	€/tonne composite sales price ex-yard, sou	rce: BDSV			
9B/C cylinder block scrap	210-235*	7.23%	<b>A</b>	16 Jan 18	No E2/8 (new steel scrap)	262.60	6.53%	•	01 Dec 17
11A cast iron borings	130-150*	12%	<b>A</b>	16 Jan 18	No E1 (old steel scrap)	240	7.33%	$\overline{}$	01 Dec 17
Prices relate to new UK scrap specifications					No E3 (old thick steel scrap)	261.5	6.17%	$\overline{}$	01 Dec 17
Please see MB.com for full explanation of pri	ice changes				No E40 (shredded steel scrap)	262.20	4.63%	$\overline{}$	01 Dec 17
UK intermerchant weekly price	J				No E5 (steel turnings)	214.40	4.89%	$\overline{}$	01 Dec 17
£/tonne						214.40	4.03 /0		UT DEC 17
	110 105*	0.000/	_	10 lon 10	MB assessment €/tonne delivered at mill		0.050/		
5C loose old light	110-135*	-3.92%	<u> </u>	19 Jan 18	Grade E40 (shredded steel scrap)	285-295	2.65%		12 Jan 18
UK ferrous scrap export					No E8 (thin new production steel scrap)	285-290	2.68%	•	12 Jan 18
MB assessment \$ fob main UK port					.,	280-295	3.6%		12 Jan 18
HMS 1&2 (80:20 mix)	336-338*	-4.26%	▼	19 Jan 18	No E3 (old thick scrap)	200-293	3.0 /0		12 3411 10
Shredded	341-343*	-4.2%	▼	19 Jan 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%		12 Jan 18
MB index cfr India shredded	371.63*	-2.32%	▼	19 Jan 18	No E8 (thin new production steel)	315	4.07%	<b>A</b>	12 Jan 18
HMS 1&2 (80:20 mix)	330-345*	-2.17%	▼	19 Jan 18					
Alloy steel scrap domestic					SCRAP SUBSTITUTES				
UK wholesale merchants' stainless (£/tonne)	)				COLUM CODOTTO LE	Defe	01		4
18/8 solids	900-940*	-5.15%	_	19 Jan 18		Price	Change <sup>†</sup>		Assessed
			÷		EU imports \$/tonne				
18/8 turnings	765-800*	-5.15%	▼	19 Jan 18	Pig iron imports cif Italy	400-405*	0%		18 Jan 18
12-13% Cr solids	230-250*	0%		19 Jan 18	Latin American exports \$/tonne, delive	ry terms as stated			
16-17% Cr solids	240-280*	0%		19 Jan 18	Hot briquetted iron Venezuela	225-230*	0%		19 Jan 18
Cif Europe stainless € per tonne					Pig iron fob Vitorio/Rio	370-375*	2.05%	<b>A</b>	19 Jan 18
18/8 solids	1,100-1,120*	-0.89%	▼	19 Jan 18	Pig iron fob Ponta da Maderia	390-395*	1.29%	<b>A</b>	19 Jan 18
18/8 turnings	990-1,010*	-0.74%	•	19 Jan 18	US imports \$/tonne cfr Gulf of Mexico				
Rotterdam export					Pig iron	400-405*	1.26%	•	19 Jan 18
MB assessment \$/tonnne fob Rotterdam					CIS exports \$/tonne fob main port				
MB index fob Rotterdam HMS 1&2					Pig iron Baltic Sea	395-400*	0.63%	•	18 Jan 18
(80:20)	345.17*	-0.79%	▼	19 Jan 18	-				
HMS 1&2 (70:30 mix)	328-330*	-3.52%	▼	19 Jan 18	Pig iron Black Sea	360-380*	-1.33%		18 Jan 18
Shredded	338-340*	-3.42%	▼	19 Jan 18	China domestic yuan/tonne delivered w				
Turkish import					Pig iron	3,000-3,050*	-3.2%		19 Jan 18
	rts								
MB assessment \$/tonne cfr main Turkish pol									
MB assessment \$/tonne cfr main Turkish pool MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	352.89*	-3.84%	•	19 Jan 18					
MB index cfr Turkey HMS 1&2 (80:20)	352.89*	-3.84%	▼	19 Jan 18					
MB index cfr Turkey HMS 1 & 2 (80:20) (North Europe material)	352.89* 363.11*	-3.84%	<b>▼</b>	19 Jan 18					
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material) MB index cfr Turkey HMS 1&2 (80:20)									

#### 41 Monday

NON-FERROUS SCRAP EUROPE					STEELBENCHMARKER™ SCRAP PRIC	CES			
NORTH EMILOSO COMAP EUROPE	Price	Change <sup>†</sup>		Assessed	OFFEEDEROFIIIIANINEN SUNAPPRIC	Price	Change <sup>†</sup>		Assessi
Aluminium	riice	Gilaliye		ASSUSSU	Region: USA, east of the Mississippi	riige	Gilaliye		ASSUSS
Arunnmum European free market MB assessment €/to	nno				Shredded scrap (\$/metric tonne) **	339	4.31%	•	08 Jan
Floated frag	1,300-1,330*	0.38%	_	19 Jan 18	Shredded scrap (\$/gross ton)**	345	4.55%	$\overline{}$	08 Jan
Cast	1,200-1,270*	0.41%	<u> </u>	19 Jan 18	No 1 heavy melting scrap (\$/metric	040	4.55 /0		00 0011
Mixed turnings 6%	1,130-1,175*	0.22%	<u> </u>	19 Jan 18	tonne)	305	7.02%	•	08 Jan
Germany per 1000kg	1,100 1,170	0.22 /0	_	13001110	No 1 heavy melting scrap (\$/gross				
Pure cuttings	1,370-1,470	-1.73%	▼	17 Jan 18	ton)	310	6.9%	<b>A</b>	08 Jan
Commercial cast	1,230-1,350	1.18%	$\dot{\blacktriangle}$	17 Jan 18	No 1 busheling scrap (\$/metric	070	0.040/		00.1
H9 extrusions	1,750-1,800	-1.11%	<del>-</del>	17 Jan 18	tonne)	379	3.84%		08 Jan
Alloy turnings	1,070-1,150	-0.45%	<u>,</u>	17 Jan 18	No 1 busheling scrap (\$/gross ton)	385	3.77%		08 Jan
Source: VDM	1,070 1,100	0.1070			**For shredded scrap the region is for all bu	it the west coast			
France per 1000kg					HIVNON FEDDONE CODAD				
Pure cuttings	1,640-1,650	-0.3%	▼	16 Jan 18	UK NON-FERROUS SCRAP				
Old rolled	800-830	1.24%	<u> </u>	16 Jan 18		Price	Change <sup>†</sup>		Assess
Commercial cast	1,000-1,020	0%	_	16 Jan 18	Aluminium - actual price				
Source: Lettre d'Information Metaux	1,000-1,020	0 70		10 0411 10	£ per tonne				
					Group 1 pure 99% & Litho	1,420-1,470*	0.17%	<b>A</b>	17 Jan
Italy per 1000kg	1.125-1.225	0.420/	_	10 lon 10	Commercial pure cuttings	1,180-1,230*	0%		17 Jan
Pure cuttings	, - , -	0.43%	<u> </u>	12 Jan 18 12 Jan 18	Clean HE9 extrusions	1,410-1,460*	0%		17 Jan
Old mixed scrap	1,495-1,595	0.65%	<u> </u>		Loose old rolled cuttings	880-920*	0%		17 Jan
Commercial cast	1,035-1,085	0.47%		12 Jan 18	Baled old rolled	950-970*	0%		17 Jan
Source: Assomet					Commercial cast	1,030-1,080*	0%		17 Jan
Copper					Cast wheels	1,270-1,300*	0%		17 Jan
Germany per 1000kg					Commercial turnings	700-750*	0%		17 Jan
Copper wire (berry)	5,500-5,590	-3.48%	▼	17 Jan 18	Group 7 turnings	610-650*	0%		17 Jan
Heavy copper	4,920-5,060	-3.85%	▼	17 Jan 18	MB and LME aluminium scrap discount	s			
Heavy brass	3,490-3,550	-2.76%	▼	17 Jan 18	£ per tonne				
Brass turnings (MS 58)	3,940-4,060	-2.2%	▼	17 Jan 18	Group 1 pure 99% & Litho	134-184*	-6.19%	•	17 Jan
Brass sheet (MS 63)	4,120-4,250	-1.88%	▼	17 Jan 18	Commercial pure cuttings	374-424*	-1.97%	<u>,</u>	17 Jan
Source: Verein Deutscher Metallhandler					Clean HE9 extrusions	144-194*	-4.52%	<u>,</u>	17 Jan
France per 1000kg					Loose old rolled cuttings	452-492*	-4.45%	Ť	17 Jan
Electro cuttings	5,200-5,250	-1.79%	▼	16 Jan 18	Baled old rolled	402-422*	-5.07%	Ť	17 Jan
No 1 bright wire	4,800-4,850	-1.83%	▼	16 Jan 18	Commercial cast	292-342*	-6.49%	Ť	17 Jan
Mixed (96%)	4,700-4,760	-2.17%	▼	16 Jan 18	Cast wheels	72-102*	-20.18%	Ť	17 Jan
Brass plate cuttings 70/30	3,950-4,000	-1.24%	▼	16 Jan 18	Commercial turnings	587-672*	-1.72%	<u> </u>	17 Jan
Brass turnings	3,400-3,450	0%		16 Jan 18	Group 7 turnings	722-762*	-2.88%	Ť	17 Jan
Mixed brass	3,350-3,400	0%		16 Jan 18	Titanium	122-102	-2.00 /0		17 0411
Source: Lettre d'Information Metaux									
Italy per 1000kg					\$/Ib cif				
Electrolytic dd EN 12861-S-Cu-2	5,525-5,685	-1.84%	▼	12 Jan 18	Turnings, unprocessed type 90/6/4 (0.5% Sn max)	1-1.05*	0%		17 Jan
Enamelled wire EN 12861-S-Cu-3	5,360-5,522	-1.89%	▼	12 Jan 18	Turnings, unprocessed 90/6/4 (over	1 1.00	0 70		17 0011
New from tubes, strips etc EN	-,,-				0.5% max 2% Sn)	0.90-0.95*	0%		17 Jan
12861-S-Cu-4	5,415-5,643	-1.86%	▼	12 Jan 18	Copper scrap discount				
Old from tubes, strips etc					cents/lb				
12861-S-Cu-7	5,200-5,370	-1.95%	▼	12 Jan 18	No 2 copper (birch/cliff) imported				
	4,477-4,562	-1.55%	▼	12 Jan 18	into China 94-96% cif China	32-33*	0%		25 Dec
EN12861-S-Cu-Zn-1-A-Cu 63.5%									
EN12861-S-Cu-Zn-1-A-Cu 63.5%	3,655-3,985	-1.8%	▼	12 Jan 18					
EN12861-S-Cu-Zn-1-A-Cu 63.5% Mixed from valves/taps EN	0.055.0.005	4.00/		40 1 40					

NON FERROMO FOUNDRY INCOTO	, .		
NON-FERROUS FOUNDRY INGOTS			
	Price	Change <sup>†</sup>	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,615-1,665*	0.31%	▲ 17 Jan 18
LM6/LM25 gravity diecasting ingot	1,805-1,855*	0.14%	▲ 17 Jan 18
NB: prices expressed delivered consumer w	orks, LM series as	specified in BS	1490
Aluminium Europe			
MB free market			
Duty paid delivered works pressure			
diecasting ingot price (DIN226/A380) - €/tonne	1,810-1,860*	0.55%	▲ 19 Jan 18
	1,010-1,000	0.00%	19 Jan 10
Aluminum US \$/lb delivered Midwest	0.07.0.00*	00/	40 1 40
A380.1 alloy	0.97-0.99*	0%	18 Jan 18
AFFIMET €/tonne			
AS12	3,739	0%	01 Jan 18
AS12 UN	2,920		▲ 01 Jan 18
AS9 U3	2,295		▲ 01 Jan 18
AS5 U3	2,645	1.54%	▲ 01 Jan 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,420-2,520	0%	17 Jan 18
DIN 231	2,500-2,600	0%	17 Jan 18
DIN 311	2,480-2,580	0%	17 Jan 18
Aluminium bronze £/tonne UK			
AB1 ex-works	5,100	-1.92%	▼ 16 Jan 18
AB2 ex-works	5,150	-1.9%	▼ 16 Jan 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,150	-1.66%	▼ 16 Jan 18
High tensile HTB1 ex-works	4,450	-1.55%	▼ 16 Jan 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,840	-2.02%	▼ 16 Jan 18
LG4 87/7/3/3 ex-works	5,440	-1.81%	▼ 16 Jan 18
G1 1.15 PB ex-works	6,180	-1.59%	▼ 16 Jan 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,650	-1.48%	▼ 16 Jan 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,300	-1.56%	▼ 16 Jan 18
15% P ex-works	6,350	-1.55%	▼ 16 Jan 18
Source: C.F. Booth Ltd	-,		
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivere	ed IIK)		
Brock Metal ZL3	3,062	4.4%	▲ 01 Jan 18
Brock Metal ZL5	3,002		▲ 01 Jan 18
5. CO. WOLLI LLO	0,001	1. 10 /0	0.001110



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#### 43 Monday

22 January 2018 | Metal Bulletin Daily | Number 9544.1

# Monthly averages: December

BASE METALS			
		Low	High
Aluminium			
	OA, in-warehouse Rotterdam paid, spot \$/tonne	90.63	97.42
Aluminium P1020 duty paid, spot \$/f	OA, in-warehouse Rotterdam tonne	158	165
Alumina			
Index fob Australi	a	411.01	
Copper			
US High-grade ca indicator, \$/tonne	thode premium	115.74	126.77
Nickel			
Free market in wa	rehouse premium		
Europe \$/tonne	Uncut cathodes	200	250
	4x4 cathodes	325	400
	Briquettes	272.5	302.5
US	Melting \$/lb	0.25	0.31
Tin			
European free ma	rket		
Spot Premium 99	.9%, \$/tonne	292.5	342.5
Spot premium 99	.85%, \$/tonne	282.5	303.75
Kuala Lumpur (ex	-smelter), \$/tonne	19,367.89	

Kuala Lumpur (ex-smelter), \$/tonne	19,367.89	
MINORMETALS		
Antimony		
MB free market Regulus 99.65%,		
max Se 50ppm, in warehouse,\$/tonne	8,000	8,322.22
MMTA Standard grade II, \$/tonne	8,000	8,322.22
Bismuth		
MB free market min. 99.99%, tonne lots,		
in warehouse, \$/lb	5.10	5.40
Cadmium		
MB free market		
min 99.95%, in warehouse, cents/lb	98	106
min 99.99%, in warehouse cents/lb	100	109
Cobalt		
MB free market		
High Grade, in warehouse, \$/lb	34.33	36.08
Low Grade, in warehouse, \$/lb	33.52	35.33
Germanium Dioxide		
MB free market min 99.99%, \$/kg	733.89	813.89
Rotterdam, \$/kg	1,161.11	1,311.11
Indium		
MB free market ingots, min 99.97%,		
in warehouse, \$/kg	248.33	271.11
Magnesium		
MB free market min 99.8%, \$/tonne	2,270	2,370
China free market min 99.8%, \$/tonne	2,340	2,384
Mercury		
MB free market min 99.99%,		
in warehouse, \$/flask	1,600	1,700

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	Low	High	
Selenium			
MB free market min 99.5% in warehouse, \$/lb	17.5	18.96	
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,215	2,325	
Titanium			
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.85	5.60	

ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdicoxide \$/lb Mo	9.37	9.51
US canned molybdic oxide \$/lb Mo	9.43	9.64
Ferro-molybdenum		
basis 65% min, in-warehouse Rotterdam, \$/kg Mo	23.27	23.94
Tungsten		
European free market APT, \$/mtu	293.40	300.40
Ferro-tungsten		
basis 75% W min, \$/kg	36.92	37.88
Vanadium		
min 98%, in-warehouse Rotterdam, V205, \$/lb	9.10	9.57
Ferro-vanadium		
basis 78% min, free delivery duty paid consumer plant, 1st grade Western Europe, \$/kg V	42.56	43.67
US Free market 70-80%, \$/Ib	20.24	21

PRECIOUS METALS		
Gold		
London \$/troy oz	Morning	1,265.67
	Afternoon	1,261.26
London £/troy oz	Morning	944.14
	Afternoon	941.20
\$/troy oz	Handy/Harm	an 1,264.45
Palladium		
Morning \$/troy oz	1,020.58	
Afternoon \$/troy oz	1,018.71	
Platinum: per troy oz		
Morning \$/troy oz	907.42	
Afternoon \$/troy oz	904.76	
Rhodium		
European free market min 99.9% in-warehouse, \$/troy oz	1,545.53	1,647.11
Silver		
London		
spot pence/troy oz	1,205.42	
spot cents/troy oz	1,616.08	
Handy/Harman cents/troy oz	1,616.5	

† week-on-week change



22 January 2018   Metal Bulletin Daily   Number 9544.1				
FOUNDRY INGOTS				
	Low	High		
Aluminium				
LM24, £/tonne	1,610	1,660		
LM6/LM25, £/tonne	1,801.25	1,855		
Aluminium Europe ¤/tonne	1,748	1,804		
Phosphor Bronze				
PB1 ex-works, £/tonne	6,650			
Zinc Alloy				
ZL3, £/tonne	2,933			

EXCHANGE RATES (CLOSING RATES	)
\$/£	1.34
\$/yen	112.99
\$/€	1.18

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

LONDON		

High, low and average December (19 days)
LME averages are mean of buyers and sellers except for
settlement and 3 months sellers.

settlement and 3 months sellers.			
	Jan-Dec 20	017	December
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	1,700.5	2,245.5	2,070.38
3 months	1,688.25	2,256.75	2,086.88
Settlement	1,701	2,246	2,070.74
3 months seller	1,688.5	2,257	2,087.34
Copper Grade A (\$)			
Cash	5,465.75	7,215.5	6,800.63
3 months	5,490.5	7,251.25	6,838.08
Settlement	5,466	7,216	6,801.16
3 months seller	5,491	7,251.5	6,839.03
Copper Grade A (£)			
Settlement	4,215.29	5,373.77	5,072.39
3 months seller	4,217.78	5,379.45	5,083.94
Lead (\$)			
Cash	2,006.75	2,586	2,508.20
3 months	2,021	2,592.5	2,506.78
Settlement	2,007	2,586.5	2,508.82
3 months seller	2,022	2,593	2,507.45
Lead (£)			
Settlement	1,575.55	1,954.87	1,871.19
3 months seller	1,575.54	1,955.53	1,864.03
Nickel (\$)			
Cash	8,712.5	12,827.5	11,405.66
3 months	8,775	12,882.5	11,459.47
Settlement	8,715	12,830	11,409.21
3 months seller	8,780	12,885	11,463.95
Tin (\$)			
Cash	18,757.5	21,295	19,432.11
3 months	18,755	21,212.5	19,353.29
Settlement	18,760	21,300	19,440
3 months seller	18,760	21,225	19,364.21

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	Jan-Dec 20	17	December
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	2,434.25	3,369.75	3,192.04
3 months	2,450.25	3,306.5	3,188.09
Settlement	2,434.5	3,370	3,192.47
3 months seller	2,450.5	3,309	3,188.71
Cobalt (\$)			
Cash	32,750	75,250	72,360.53
3 months	32,750	75,250	72,305.26
Settlement	33,000	75,500	72,589.47
3 months seller	33,000	75,500	72,544.74
Molybdenum (\$)			
Cash	15,000	17,250	15,750
3 months	15,000	17,250	15,763.16
Settlement	15,250	17,500	16,000
3 months seller	15,250	17,500	16,026.32
Aluminium Alloy (\$)			
Cash	1,540	1,915	1,802.63
3 months	1,560	1,930	1,817.63
Settlement	1,545	1,920	1,807.63
3 months seller	1,565	1,935	1,822.63
Nasaa (\$)			
Cash	1,695	1,990.25	1,845.67
3 months	1,725	2,007.5	1,860.53
Settlement	1,700	1,990.5	1,847.97
3 months seller	1,730	2,010	1,864.29

LME SETTLEMENT CONVERSION RATES		
\$/£	1.34	
\$/yen	112.91	
\$/€	1.18	