12 February 2018 | Metal Bulletin Daily | Number 9547.1

Drices	
Prices	

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NEW YORK FUTURES			
	Price	Change [†]	Assessed
Comex: Copper high grade cents/lb			
Settlement	307.20	-3.91%	▼ 08 Feb 18
Open interest	287,474	0.53%	▲ 07 Feb 18
Stocks (short ton)	223,623	0.59%	▲ 07 Feb 18
Comex: Gold \$/troy oz			
Settlement	1,316.90	-2.04%	▼ 08 Feb 18
Open interest	525,207	-4.86%	▼ 07 Feb 18
Stocks (troy oz)	9,292,170	0.37%	▲ 07 Feb 18
Nymex: Palladium \$/troy oz			
Settlement	962.20	-6.1%	▼ 08 Feb 18
Stocks (troy oz)	40,690	0%	07 Feb 18
Nymex: Platinum \$/troy oz			
Settlement	978.40	-2.92%	▼ 08 Feb 18
Stocks (troy oz)	187,031	4.6%	▲ 07 Feb 18
Comex: Silver cents/troy oz			
Settlement	1,631.40	-4.7%	▼ 08 Feb 18
Open interest	202,506	33.48%	▲ 07 Feb 18
SHANGHAI FUTURES			
	Price	Change [†]	Assesse
Aluminium yuan/tonne	14,160	-0.98%	▼ 09 Feb 18
Copper yuan/tonne	51,060	-4.15%	▼ 09 Feb 18
Nickel cathode yuan/tonne	101,640	0%	09 Feb 18
Tin ingot yuan/tonne	142,620	0%	09 Feb 18
Zinc yuan/tonne	26,000	-3.02%	▼ 09 Feb 18
Steel rebar month 1 yuan/tonne	3,970	1.02%	▲ 09 Feb 18
Steel rebar month 2 yuan/tonne	3,918	-0.58%	▼ 09 Feb 18
Steel rebar month 3 yuan/tonne	3,965	-1.17%	▼ 09 Feb 18
Weekly stocks deliverable			
Aluminium (tonnes)	803,742	1.06%	▲ 09 Feb 18
Copper (tonnes)	186,132	7.84%	▲ 09 Feb 1
Nickel cathode (tonnes)	56,111	-0.15%	▼ 09 Feb 18
Tin ingot (tonnes)	5,081	1.84%	▲ 09 Feb 18
Zinc (tonnes)	98,334	******	▲ 09 Feb 18
Steel rebar (tonnes)	21,258	14.17%	▲ 09 Feb 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 ^t	Assessed
Aluminium high grade \$			
Cash official	2,141.5-2,142	-3.85% ▼	09 Feb 18
Cash unofficial	2,163.5-2,165.5	-2.7% ▼	08 Feb 18
3 months official	2,143-2,144	-3.73% ▼	09 Feb 18
3 months unofficial	2,159-2,161	-2.92% ▼	08 Feb 18
LME Tapo notional average price (NAP)	2,198.92	-0.86% ▼	08 Feb 18
LME stocks (tonnes)	1,097,100	1.8%	08 Feb 18
Aluminium alloy (A380.1/DIN/D12S)\$			
LME cash official	1,785-1,795	-4.53% ▼	09 Feb 18
LME cash unofficial	1,825.5-1,835.5	-1.88% ▼	08 Feb 18
LME 3 months official	1,820-1,830	-3.18% ▼	09 Feb 18
LME 3 months unofficial	1,835-1,845	-1.87% ▼	08 Feb 18
LME stocks (tonnes)	13,360	-0.89% ▼	08 Feb 18

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	Price	Change	Assessed
N. American special aluminium alloy			
LME cash official	1,800-1,800.5	-2.93% ▼	09 Feb 18
LME cash unofficial	1,820.5-1,830.5	-2.04% ▼	08 Feb 18
LME 3 months official	1,835-1,840	-2.78% ▼	09 Feb 18
LME 3 months unofficial	1,855-1,865	-1.85% ▼	08 Feb 18
LME stocks (tonnes)	184,760	-0.52% ▼	08 Feb 18
Copper grade A \$	101,700	0.0270 +	0010010
LME cash official	6,754.5-6,755	-4.4% ▼	09 Feb 18
LME cash unofficial	6,803-6,805	-3.57% ▼	08 Feb 18
LME 3 months official	6,800-6,805	-4.32% ▼	09 Feb 18
LME 3 months unofficial	6,846-6,848	-4.52 % ▼	08 Feb 18
LME Tapo notional average price	0,040-0,040	-3.31 /0 ▼	0016010
(NAP)	7,007.83	-0.27% ▼	08 Feb 18
LME stocks (tonnes)	336,225	10.48%	08 Feb 18
Lead \$			
LME cash official	2,529-2,530	-5.71% ▼	09 Feb 18
LME cash unofficial	2,495.5-2,497.5	-6.41% ▼	08 Feb 18
LME 3 months official	2,513-2,515	-5.33% ▼	09 Feb 18
LME 3 months unofficial	2,485-2,487	-6.29% ▼	08 Feb 18
LME stocks (tonnes)	125,275	-5.33% ▼	08 Feb 18
Nickel\$			
LME cash official	12,950-12,970	-6.04% ▼	09 Feb 18
LME cash unofficial	13,060-13,085	-4.62% ▼	08 Feb 18
LME 3 months official	12,995-13,000	-5.99% ▼	09 Feb 18
LME 3 months unofficial	13,100-13,125	-4.6% ▼	08 Feb 18
LME stocks (tonnes)	342,204	-3.22% ▼	08 Feb 18
Tin \$			
LME cash official	21,175-21,180	-2.71% ▼	09 Feb 18
LME cash unofficial	21,345-21,370	-1.75% ▼	08 Feb 18
LME 3 months official	21,125-21,150	-1.94% ▼	09 Feb 18
LME 3 months unofficial	21,250-21,275	-1.39% ▼	08 Feb 18
LME stocks (tonnes)	1,855	-3.89% ▼	08 Feb 18
Zinc special high grade \$			
LME cash official	3,434.5-3,435.5	-3.96% ▼	09 Feb 18
LME cash unofficial	3,444.5-3,446.5		08 Feb 18
LME 3 months official	3,394.5-3,395.5	-3.72% ▼	09 Feb 18
LME 3 months unofficial	3,398-3,400	-3.74% ▼	08 Feb 18
LME stocks (tonnes)	159,650	-5.42% ▼	08 Feb 18
Cobalt min 99.3%			
LME cash official	81,000-81,500	0.93%	09 Feb 18
LME 3 months official	81,000-81,500	0.62%	09 Feb 18
LME stocks (tonnes)	535	-1.65% ▼	08 Feb 18
Molybdenum \$			
LME cash official	15,500-16,000	0%	09 Feb 18
LME 3 months official	15,500-16,000	0%	09 Feb 18
LME stocks (tonnes)	0	0%	08 Feb 18

† week-on-week change

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Gold \$/troy.oz	Price	Change		Assessed	MB BASE METAL PREMIUMS				
Gold \$/troy oz London morning	1,316.05	-2.15%	•	09 Feb 18	All prices \$/tonne unless otherwise stated				
London afternoon	1,314.10	-1.28%	Ť	09 Feb 18	*MB Copyright				
Handy/Harman	1,315.45	-1.93%	Ť	08 Feb 18		Price	Change [†]		Ass
Silver per troy oz	1,010110	110070	•		Copper				
London spot pence	1,183	-1.83%	•	09 Feb 18	Annual premium 8mm wire rod, cif				
London spot cents	1,635.5	-4.55%	<u> </u>	09 Feb 18	Nhava Sheva, \$/tonne	160-190*	-12.5%	_	03 N
Handy/Harman	1,635.5	-4.5%	▼	08 Feb 18	Rotterdam, Grade A, cathode, cif, \$/tonne	40.0-47.5*	-7.89%	▼	06
Palladium \$/troy oz					North European warrants, Grade A	10.0 11.0	7.0070		
London morning	990	-5.44%	\blacksquare	09 Feb 18	cathode, in-warehouse, \$/tonne	5.0-15.0*	0%		06
London afternoon	985	-5.92%	▼	09 Feb 18	Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne	57.5-62.5*	0%		06
Platinum \$/troy oz					Leghorn, copper average premium,	37.3-02.3	U 70		00
London morning	974	-2.89%	▼	09 Feb 18	Grade A, cathode, cif, \$/tonne	60*	0%		06
London afternoon	975	-2.21%	▼	09 Feb 18	South Korea, copper low-high				
Kuala Lumpur tin market					premium, Grade A, cathode, cif, \$/tonne	60.0-65.0*	0%		06
Tin \$/tonne	21,500	0.23%	A	09 Feb 18	South Korea, copper average premium, Grade A, cathode, cif, \$/tonne	62.5*	0%		06
ICDX					Southeast Asian warrants, Grade A	02.0	070		001
Tin PB300 settlement price \$/tonne	21,500	0%		09 Feb 18	cathode, in-warehouse, \$ per tonne	5.0-10.0*	0%		06
Tin PB300 volume, tonnes	30	66.67%	A	09 Feb 18	Shanghai, copper low-high premium,	C0 0 70 0*	00/		00
RAND FIXING PRICES					Grade A, cathode, in-warehouse, \$/tonne	68.0-78.0*	0%		09
					Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne	73*	1.39%	•	09
Rand fixing prices per tonne for London I	ŭ				Shanghai, copper low-high premium,				
0	Price	Change [†]	_	Assessed	Grade A, cathode, cif, \$/tonne	62.0-75.0*	0%		09
Copper Aluminium	81,917.89 25,976.03	-2.64% -2.09%	▼	09 Feb 18 09 Feb 18	Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne	68*	1.49%	•	09
Lead	30,681.31	-3.96%	₹	09 Feb 18	MB free market US: High-grade		1.43/0	_	03
Zinc	41,662.31	-2.19%	Ť	09 Feb 18	cathode premium indicator, \$/tonne	121.3-132.3*	0%		06
Nickel	157,287.19	-4.25%	Ť	09 Feb 18	Aluminium				
Tin	256,849.86	-0.92%	<u>,</u>	09 Feb 18	Aluminium P1020A, in-whs Rotterdam				
	, , , , , , , , , , , , , , , , , , ,				duty unpaid, spot low-high, \$/tonne	100.0-107.0*	1.97%	A	09
EXCHANGE RATES					Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted				
	Price	Change [†]		Assessed	average, \$/tonne	104*	0.97%	•	09
LME settlement conversion rates					Aluminium P1020A, cif Korea (Gwangyang				
\$/£	1.3815	-2.83%	\blacksquare	09 Feb 18	or Busan), spot low-high, \$/tonne	95-105*	2.56%		06
\$/¥	108.8100	-0.97%	▼	09 Feb 18	Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	100*	3.09%	•	06
\$/€	1.2249	-1.93%	▼	09 Feb 18	Aluminium P1020A, Southeast Asian			_	
Closing rates, midpoint					warrants, in-warehouse, \$/tonne	5.0-20.0*	0%		06
\$/£	1.3998	-1.67%	▼	08 Feb 18	Aluminium P1020A, cif Shanghai, spot	00.0.400.0*	00/		00
\$/¥	109.2400	-0.13%	▼	08 Feb 18	low-high, \$/tonne	90.0-100.0*	0%		06
\$/€	1.2257	-1.72%	▼	08 Feb 18	Aluminium P1020A, cif Shanghai, spot weighted average, \$/tonne	94*	-1.05%	▼	06
£/€	1.1420	0.04%	_	08 Feb 18	Aluminium P1020A, cif main Japanese				
\$/CNY	6.3260	0.48%		08 Feb 18	ports, spot low-high, \$/tonne	95.0-110.0*	0%		06
					Aluminium P1020A, cif main Japanese	100*	00/		00
BASE METALS ARBITRAGE					ports, spot weighted average, \$/tonne Aluminium ingot ADC 12 spot, main	102*	0%		06
	Price	Change [†]		Assessed	Japanese ports, \$/tonne	2,040*	0%		07
Aluminium					Aluminium P1020A, cif main Japanese				
Import arbitrage, \$/tonne	-448.81*	-9.79%	\blacksquare	09 Feb 18	ports, quarterly, \$/tonne	103.0-103.0*	8.99%	A	14[
Import arbitrage, RMB/tonne	-2,842.01*	-9.25%	▼	09 Feb 18	Aluminium extrusion billet premium 6063 cif Japan, yearly, \$/tonne	140.0-150.0*	-6.45%	•	12.
Copper					Aluminium P1020A, in-warehouse	140.07130.0	-U. 4 J /0	•	121
Import arbitrage, \$/tonne	-82.66*	45.66%	•	09 Feb 18	Rotterdam duty-paid, spot \$/tonne	163.0-173.0*	0.9%	•	09
Import arbitrage, RMB/tonne	-523.43*	46.52%	A	09 Feb 18	Aluminium 6063 extrusion billet,				
Nickel					in-whs Rotterdam duty-paid, spot, \$/tonne	340.0-365.0*	0%		02
Import arbitrage, \$/tonne	-333.52*	-60.28%	\blacksquare	09 Feb 18	Aluminium P1020A, delivered US midwest, spot, \$/lb	0.128-0.133*	14.29%	•	06
Import arbitrage, RMB/tonne	-2,111.96*	-60.04%	▼	09 Feb 18	Aluminium P1020A, delivered Sao	0.120-0.133	17.2370	_	00
Zinc					Paulo region, spot, \$/tonne	260.0-270.0*	3.92%	•	06
Import arbitrage, \$/tonne	-113.43*	-24.69%	▼	09 Feb 18					
Import arbitrage, RMB/tonne	-718.30*	-24.23%	▼	09 Feb 18					
					† week-on-week change			С	ontini

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	Price	Change	Assessed	BASE METALS			
Numinium P1020A, cif Brazilian main orts duty-unpaid, spot, \$/tonne	170.0-180.0*	0%	06 Feb 18		Price	Change [†]	Assesse
luminium 6063 + 6060 extrusion				Alumina			
illet, cif Brazilian main ports, spot premium over LME cash), \$/tonne	280.0-300.0*	0%	19 Jan 18	MB Chinese free market, metallurgical grade, delivered duty paid, RMB/tonne	2,750.0-2,850.0	* -1 75%	7 08 Feb
ead				Alumina Index fob Australia	376.31*		7 08 Feb
lorth European warrants, min 99.97%				Alumina Index fob Brazil	9.55*	2.0170	01 Feb
ngots, in-warehouse, \$/tonne	10.0-15.0*	0%	06 Feb 18	Alumina Index fob Brazil, inferred	0.00		01100
Southeast Asian warrants, min 99.97%				Brazil price \$ per dry metric ton	385.86*		08 Feb
ngots, in-warehouse, \$/tonne	10.0-20.0*	-14.29% ▼	06 Feb 18	Bauxite			
JSA lead premium 99.97%, delivered	0.00.0.44*	00/	00 5-1-40	fob Kamsar, Guinea \$/tonne per dmtu	38*	0%	01 Feb
domestic, \$/lb	0.09-0.11*	0%	06 Feb 18	fob Trombetas, Brazil \$/tonne per dmtu	38*	0%	01 Feb
JSA lead premium 99.97%, delivered lomestic, cents/lb	9-11*	0%	06 Feb 18	Copper & Brass			
JSA lead premium 99.99%, delivered				Producer premium			
Iomestic, cents/lb	11-13*	0%	06 Feb 18	Aurubis European Grade A cathode			
lickel				ex-works \$/tonne	86.0	0%	20 Oct
Shanghai, nickel low-high premium,				Codelco: Contract 2016 Grade A			
9.8% purity in-warehouse, \$/tonne	250.0-280.0*	-5.36% ▼	06 Feb 18	cathode (average)	88.0	7.32%	27 Oct
Shanghai, nickel average premium,				Germany: (VDM) Electro, €/tonne		_	_
9.8% purity in-warehouse, \$/tonne	265*	-5.36% ▼	06 Feb 18	wirebar (DEL):	5,746.6-5,771.8		
shanghai, nickel low-high premium,	000 0 050 0*	7.040/	00 5-1-40	cathodes:	5,730.0-5,770.0	-0.52%	07 Feb
19.8% purity, full plate, cif, \$/tonne	220.0-250.0*	-7.84% ▼	06 Feb 18	South Africa: Palabora copper rod	00.047.040	0.000/	7 Od 5-1-
Shanghai, nickel premium, 99.8% purity full plate, cif, \$/tonne	235*	-7.84% ▼	06 Feb 18	7.90mm, Rand/tonne	98,647.640	-3.39%	01 Feb
Southeast Asian warrants, min 99.80%	200	7.0470 ¥	0010010	Copper concentrate Asia-Pacific Index RC import, US cents/lb (twice			
ull plates, in-warehouse, \$/tonne	120-200*	0%	06 Feb 18	monthly on 15th and last day of month)	7.16-7.16*	-11.6%	3 1 Jan
Southeast Asian warrants, min 99.80%				Copper concentrate Asia-Pacific			
riquettes, in-warehouse, \$/tonne	10-20*	0%	06 Feb 18	Index TC import, \$/dmt (twice monthly on		_	_
ncut cathodes premium indicator	220.0-270.0*	0%	06 Feb 18	15th and last day of month)	71.60-71.60*	-11.6%	31 Jan
x4 cathodes premium indicator	345.0-420.0*	0%	06 Feb 18	Shanghai bonded copper stocks, tonnes	450,000-460,00	0*-3.81%	29 Jan
riquettes premium indicator	270.0-310.0*	0%	06 Feb 18	Nickel			
JS: melting premium indicator, \$/Ib	0.250-0.370*	0%	06 Feb 18	Nickel pig iron high grade NPI content			
- Tin				10-15% contract price delivered duty paid China RMB per nickel unit price	990-1,000*	1.53%	06 Feb
				Nickel pig iron high grade NPI content 1	990-1,000	1.33 /0	00160
VIR Furonean free market							
•	320-360*	4 62% A	06 Feb 18				
Spot premium 99.9%, \$/tonne	320-360* 250-300*	4.62%		0-15% spot price China RMB per nickel unit price	990-1,010*	0%	06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne	250-300*	0%	06 Feb 18	0-15% spot price China RMB per nickel	990-1,010*	0%	06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb			06 Feb 18	0-15% spot price China RMB per nickel unit price	990-1,010*	0%	06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb	250-300*	0%	06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore	990-1,010* 34-36*	0%	
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc Jorth European warrants, min 99.995%	250-300* 999-1,000	0% -0.99% ▼	06 Feb 18 08 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe,			
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc Jorth European warrants, min 99.995% SHG ingots, \$/tonne	250-300*	0%	06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less	34-36*	0%	06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc North European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca	250-300* 999-1,000 80.0-90.0*	0% -0.99% ▼ 0%	06 Feb 18 08 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne			06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc Borth European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Rotterdam, \$/tonne	250-300* 999-1,000	0% -0.99% ▼	06 Feb 18 08 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead	34-36* 50-52*	0%	06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Linc Jorth European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Rotterdam, \$/tonne Malaysia in-warehouse, 99.995% SHG	250-300* 999-1,000 80.0-90.0*	0% -0.99% ▼ 0%	06 Feb 18 08 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne	34-36* 50-52* 2,240-2,280	0%	06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Linc Jorth European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Rotterdam, \$/tonne Malaysia in-warehouse, 99.995% SHG ngots, \$/tonne	250-300* 999-1,000 80.0-90.0* 135.0-140.0*	0% -0.99% ▼ 0% -1.79% ▼	06 Feb 18 08 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead	34-36* 50-52* 2,240-2,280	0%	06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc Jorth European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Aotterdam, \$/tonne Malaysia in-warehouse, 99.995% SHG Ingots, \$/tonne Singapore, zinc low-high premium,	250-300* 999-1,000 80.0-90.0* 135.0-140.0*	0% -0.99% ▼ 0% -1.79% ▼	06 Feb 18 08 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne	34-36* 50-52* 2,240-2,280	0%	06 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Vinc Lorth European warrants, min 99.995% BiG ingots, \$/tonne JB EU: Special high grade, fca Rotterdam, \$/tonne Jalaysia in-warehouse, 99.995% SHG Ingots, \$/tonne Singapore, zinc low-high premium, 19.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium,	250-300* 999-1,000 80.0-90.0* 135.0-140.0* 75.0-85.0*	0% -0.99% ▼ 0% -1.79% ▼ 0%	06 Feb 18 08 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne European automotive battery premium free	34-36* 50-52* 2,240-2,280	0%	06 Feb 06 Feb 07 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc Jorth European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Rotterdam, \$/tonne Malaysia in-warehouse, 99.995% SHG Ingots, \$/tonne Singapore, zinc low-high premium, 19.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 19.995% purity, in-warehouse, \$/tonne	250-300* 999-1,000 80.0-90.0* 135.0-140.0* 75.0-85.0*	0% -0.99% ▼ 0% -1.79% ▼	06 Feb 18 08 Feb 18 06 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne European automotive battery premium free in-warehouse Rotterdam €/tonne	34-36* 50-52* 2,240-2,280 market (Eurobat)	0%	06 Feb 06 Feb 07 Feb
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc North European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Rotterdam, \$/tonne Malaysia in-warehouse, 99.995% SHG ngots, \$/tonne Singapore, zinc low-high premium, 199.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 199.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium,	250-300* 999-1,000 80.0-90.0* 135.0-140.0* 75.0-85.0* 80*	0% -0.99% 0% -1.79% 0% 0% 0%	06 Feb 18 08 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne European automotive battery premium free in-warehouse Rotterdam €/tonne Soft lead (average)	34-36* 50-52* 2,240-2,280 market (Eurobat)	0% 0% 0% -1.33% \ -0.37% \	06 Feb 06 Feb 07 Feb 7 01 Dec
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc North European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Rotterdam, \$/tonne Malaysia in-warehouse, 99.995% SHG Ingots, \$/tonne Singapore, zinc low-high premium, 199.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 199.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 199.995% purity, in-warehouse, \$/tonne	250-300* 999-1,000 80.0-90.0* 135.0-140.0* 75.0-85.0*	0% -0.99% ▼ 0% -1.79% ▼ 0%	06 Feb 18 08 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne European automotive battery premium free in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average)	34-36* 50-52* 2,240-2,280 market (Eurobat) 152.98* 438.17* 580.46*	0% 0% 0% -1.33% -0.37% 0.27%	06 Feb 06 Feb 07 Feb 7 01 Dec 7 01 Dec
MB European free market Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Zinc North European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Rotterdam, \$/tonne Malaysia in-warehouse, 99.995% SHG Ingots, \$/tonne Singapore, zinc low-high premium, 199.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 199.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 199.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 199.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 199.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 199.995% purity, in-warehouse, \$/tonne	250-300* 999-1,000 80.0-90.0* 135.0-140.0* 75.0-85.0* 80*	0% -0.99% 0% -1.79% 0% 0% 0%	06 Feb 18 08 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18	0-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne European automotive battery premium free in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average)	34-36* 50-52* 2,240-2,280 market (Eurobat) 152.98* 438.17* 580.46*	0% 0% 0% -1.33% -0.37% 0.27%	06 Feb 06 Feb 07 Feb 7 01 Dec 7 01 Dec
Spot premium 99.9%, \$/tonne Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Linc Spot premium 99.85%, \$/tonne United States New York spot, cents/lb Linc Unorth European warrants, min 99.995% SHG ingots, \$/tonne MB EU: Special high grade, fca Rotterdam, \$/tonne Malaysia in-warehouse, 99.995% SHG Ingots, \$/tonne Singapore, zinc low-high premium, 19.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 19.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 19.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 19.995% purity, in-warehouse, \$/tonne	250-300* 999-1,000 80.0-90.0* 135.0-140.0* 75.0-85.0* 80* 130.0-145.0*	0% -0.99% 0% -1.79% 0% 0% 0% -1.79% ✓ -1.79% ✓ -1.79% ✓ -2.17% ✓	06 Feb 18 08 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18	O-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne European automotive battery premium free in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average) Connector lead (average) For an explanation of these premiums, see hit Zinc	34-36* 50-52* 2,240-2,280 market (Eurobat) 152.98* 438.17* 580.46* ttp://www.eurobat.	0% 0% -1.33% -0.37% 0.27% org/statistics	06 Feb 06 Feb 07 Feb 7 01 Dec 7 01 Dec 01 Dec
pot premium 99.9%, \$/tonne pot premium 99.85%, \$/tonne inited States New York spot, cents/lb inc lorth European warrants, min 99.995% HG ingots, \$/tonne IB EU: Special high grade, fca lotterdam, \$/tonne Idalaysia in-warehouse, 99.995% SHG ingots, \$/tonne lingapore, zinc low-high premium, 9.995% purity, in-warehouse, \$/tonne lingapore, zinc average premium, 9.995% purity, in-warehouse, \$/tonne hanghai, zinc low-high premium, 9.995% purity, in-warehouse, \$/tonne hanghai, zinc low-high premium, 9.995% purity, in-warehouse, \$/tonne hanghai, zinc average premium,	250-300* 999-1,000 80.0-90.0* 135.0-140.0* 75.0-85.0* 80* 130.0-145.0*	0% -0.99% 0% -1.79% 0% 0% -1.79% ✓	06 Feb 18 08 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18 06 Feb 18	O-15% spot price China RMB per nickel unit price Nickel ore Laterite ore with 1.5% nickel content cif China, \$/tonne Nickel ore 1.8% basis cif China, 15-20% Fe, water content: 30-35%, Si:Mg ratio less than 2, lot size 50,000 tonnes, \$/tonne Lead Germany: (VDM) virgin soft, €/tonne European automotive battery premium free in-warehouse Rotterdam €/tonne Soft lead (average) Ca/Ca grid grid lead (average) Connector lead (average) For an explanation of these premiums, see hit	34-36* 50-52* 2,240-2,280 market (Eurobat) 152.98* 438.17* 580.46*	0% 0% -1.33% -0.37% 0.27% org/statistics	06 Feb 06 Feb 07 Feb 7 01 Dec 7 01 Dec 01 Dec

12 February 2018 Metal Bulletin	Dally Number	9547.1			Copyright © 2		
PRECIOUS METALS					Price	Change	Assessed
	Price	Change [†]	Assessed	Gallium			
Iridium				MB free market \$/kg	185-220*	0%	09 Feb 18
MB free market: min 99.9%, \$/troy oz	005 4 005*	00/	005140	MB China domestic, min 99.99%, RMB/kg	1,200-1,300*	0%	07 Feb 18
in-warehouse	925-1,025*	0%	09 Feb 18	Germanium	, ,		
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	970	0%	09 Feb 18	Germanium dioxide MB free market			
Englehard base price: \$/troy oz	990	0%	09 Feb 18	\$/kg	950-1,200*	0%	09 Feb 18
Palladium				Germanium metal \$/kg Rotterdam	1,500-1,700*	3.23%	▲ 09 Feb 18
European free market: min 99.9%, \$/troy oz in-warehouse	961-985*	-6.35% V	7 09 Feb 18	Germanium metal MB China domestic, min 99.999%, RMB/kg	10,500-11,000*	0%	07 Feb 18
Englehard base price: \$/troy oz	970	-7.27% ▼		Hafnium			
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	971	-7.26% V		Hafnium 1% Zr max, in-warehouse global locations, \$/kg	850-950*	0%	02 Feb 18
Platinum	371	-1.20/0	0316010	Indium			
European free market: min 99.9%,				MB free market \$/kg	295-336*	0%	09 Feb 18
\$/troy oz in-warehouse	969-978*	-2.89% ▼	09 Feb 18	MB China domestic, min 99.99% RMB/kg	1,800-1,850*	0%	07 Feb 18
Englehard base price: \$/troy oz	978	-3.07% V	09 Feb 18	Indium Corp ingots min 99.97% \$/kg			
Johnson Matthey base price: (unfab)				fob	440	-40.94%	▼ 26 Jun 15
\$/troy oz (08 hrs)	978	-2.78% ▼	09 Feb 18	Magnesium			
Rhodium				European free market \$ per tonne	2,460-2,560*	0%	09 Feb 18
European free market: min 99.9%, \$/troy oz in-warehouse	1,765-1,865*	-1.89% ▼	09 Feb 18	China free market min 99.8% Mg, fob China main ports, \$ per tonne	2,450-2,550*	0%	09 Feb 18
Englehard base price: \$/troy oz	1,860	0.54%	09 Feb 18	MB Chinese free market min 99% Mg,	_,,		
Johnson Matthey base price: (unfab)				ex-works RMB/tonne	15,000-15,300*	0%	09 Feb 18
\$/troy oz (08 hrs)	1,840	-1.08% ▼	09 Feb 18	Manganese flake			
Ruthenium				MB free market \$/tonne	2,000-2,220*	3.18%	▲ 09 Feb 18
European free market: min 99.9%,	100 000*	00/	00 Feb 10	Mercury			
\$/troy oz in-warehouse Englehard base price: \$/troy oz	180-220*	0% 2.56%	09 Feb 18 09 Feb 18	MB free market \$ per flask	2,230-2,800*	11.78%	▲ 02 Feb 18
Johnson Matthey base price: (unfab)	200	2.30 /0	0316010	Rhenium in-warehouse Rotterdam duty	paid		
\$/troy oz (08 hrs)	195	0%	09 Feb 18	Metal pellets, min 99.9% \$/Ib	700-750*	0%	02 Feb 18
				APR catalytic grade \$/kg Re	1,450-1,600*	0%	02 Feb 18
MINORMETALS				Selenium			
	Price	Channet	A	MB free market \$/Ib	19-21.5*	2.53%	▲ 09 Feb 18
	riice	Change [†]	Assessed				
Antimony	rnce	Gnange	Assessea	MB China domestic, min 99.9%, RMB/kg	270-300*	0%	09 Feb 18
MB free market Regulus, min 99.65%,	riice	Gnange	ASSESSEG	Selenium dioxide, MB China domestic,			
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi,				Selenium dioxide, MB China domestic, min 98%, RMB/kg	270-300* 180-190*	0%	09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam	8,500-8,700*	2.38% _		Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon			
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi,			. 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg			
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard	8,500-8,700* 8,400-8,600*	2.38%	. 09 Feb 18 . 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse	180-190* 2,215-2,325*	0%	09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne	8,500-8,700*	2.38%	. 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	180-190* 2,215-2,325* 2,150-2,200*	0%	09 Feb 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic	8,500-8,700* 8,400-8,600* 52,000-52,500*	2.38% 1 .19% 0 %	. 09 Feb 18 . 09 Feb 18 . 07 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb	180-190* 2,215-2,325*	0%	09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/lb	8,500-8,700* 8,400-8,600*	2.38%	. 09 Feb 18 . 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne	180-190* 2,215-2,325* 2,150-2,200*	0% 0% 0% 2.55%	09 Feb 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/lb Bismuth	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25*	2.38% 1 .19% 0 %	09 Feb 18 09 Feb 18 07 Feb 18 02 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min	2,215-2,325* 2,150-2,200* 140-142*	0% 0% 0% 2.55%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb	8,500-8,700* 8,400-8,600* 52,000-52,500*	2.38% 1 .19% 0 %	. 09 Feb 18 . 09 Feb 18 . 07 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob	2,215-2,325* 2,150-2,200* 140-142*	0% 0% 0% 2.55%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/lb Bismuth	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25*	2.38% 1 .19% 0 %	09 Feb 18 09 Feb 18 07 Feb 18 02 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%,	2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050*	0% 0% 0% 2.55% 1.25%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%,	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40*	2.38% 1 .19% 0 % 0 %	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, RMB/kg	2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050*	0% 0% 0% 2.55% 1.25%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, RMB/tonne	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40*	2.38% 1 .19% 0 % 0 %	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, RMB/kg Titanium	2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050*	0% 0% 0% 2.55% 1.25%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, RMB/tonne Cadmium	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000*	2.38% 1 .19% 0 % 0 % 0 %	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, RMB/kg Titanium MB free market ferro-titanium 70%	2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050*	0% 0% 0% 2.55% 1.25% 0%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/lb Bismuth MB free market \$/lb MB China domestic, min 99.99%, RMB/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, RMB/kg Titanium	2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 35-50*	0% 0% 0% 2.55% 1.25% 0%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid 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	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, RMB/kg Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe	2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 35-50*	0% 0% 0% 2.55% 1.25% 0%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/Ib Bismuth MB free market \$/Ib MB China domestic, min 99.99%, RMB/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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	2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 35-50*	0% 0% 0% 2.55% 1.25% 0% 0%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/Ib Bismuth MB free market \$/Ib MB China domestic, min 99.99%, RMB/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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	180-190* 2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 35-50* 450-500* 4.80-5.30*	0% 0% 0% 2.55% 1.25% 0% 0% 32.72%	09 Feb 18 09 Feb 18 10 Jan 18 ■ 09 Feb 18 09 Feb 18 09 Feb 18 ▼ 07 Feb 18 ■ 08 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/Ib Bismuth MB free market \$/Ib MB China domestic, min 99.99%, RMB/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/Ib	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135* 9,000-9,700*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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	180-190* 2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 450-500* 4.80-5.30*	0% 0% 0% 2.55% 1.25% 0% -3.81%	09 Feb 18 09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18 09 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid 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	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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	180-190* 2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 35-50* 450-500* 4.80-5.30*	0% 0% 0% 2.55% 1.25% 0% 0% -3.81% 32.72% 14.53%	09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 ▼ 07 Feb 18 08 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid RMB/tonne Arsenic MB free market \$/Ib Bismuth MB free market \$/Ib MB China domestic, min 99.99%, RMB/tonne Cadmium MB free market min 99.95% cents/lb MB free market min 99.99% cents/lb Chromium MB free market alumino-thermic min 99% \$/tonne Cobalt MB free market high-grade \$/Ib MB free market low-grade \$/Ib MB high-grade, weighted average of all confirmed international trades, \$/Ib	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135* 9,000-9,700*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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/	180-190* 2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 450-500* 4.80-5.30* 950-1,200 800-895	0% 0% 0% 2.55% 1.25% 0% 0% 32.72%	09 Feb 18 09 Feb 18 10 Jan 18 ■ 09 Feb 18 09 Feb 18 09 Feb 18 ▼ 07 Feb 18 ■ 08 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid 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	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135* 9,000-9,700* 37.75-39* 37.75-38.90* 38.08*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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/	180-190* 2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 450-500* 4.80-5.30* 950-1,200 800-895	0% 0% 0% 2.55% 1.25% 0% 0% -3.81% 32.72% 14.53%	09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 ▼ 07 Feb 18 08 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid 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	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135* 9,000-9,700* 37.75-39* 37.75-38.90*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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/	180-190* 2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 450-500* 4.80-5.30* 950-1,200 800-895	0% 0% 0% 2.55% 1.25% 0% 0% -3.81% 32.72% 14.53%	09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 ▼ 07 Feb 18 08 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid 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	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135* 9,000-9,700* 37.75-39* 37.75-38.90* 38.08*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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/	180-190* 2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 450-500* 4.80-5.30* 950-1,200 800-895	0% 0% 0% 2.55% 1.25% 0% 0% -3.81% 32.72% 14.53%	09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 ▼ 07 Feb 18 08 Feb 18
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi, \$/tonne in-warehouse Rotterdam MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty paid 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 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 China domestic, min 99.8% MB low-grade, weighted average of all confirmed international trades, \$/lb MB China domestic, min 99.8%	8,500-8,700* 8,400-8,600* 52,000-52,500* 0.90-1.25* 5-5.40* 71,000-72,000* 117-130* 120-135* 9,000-9,700* 37.75-39* 37.75-38.90* 38.08* 38.14*	2.38%	09 Feb 18 07 Feb 18 02 Feb 18 09 Feb 18	Selenium dioxide, MB China domestic, min 98%, RMB/kg Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, 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/	180-190* 2,215-2,325* 2,150-2,200* 140-142* 2,000-2,050* 450-500* 4.80-5.30* 950-1,200 800-895	0% 0% 0% 2.55% 1.25% 0% 0% -3.81% 32.72% 14.53%	09 Feb 18 09 Feb 18 10 Jan 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 ▼ 07 Feb 18 08 Feb 18

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NOBLE ALLOYS & ORES					0.	Price	Change		Assessed
	Price	Change [†]		Assessed	Chrome ore \$/tonne				
Molybdenum molybdic oxide					Chrome ore cif main Chinese ports South African UG2 chrome ore concs,				
Europe drummed molybdic oxide \$/lb	10.00.10.5*	4.000/		005140	index basis 42%	229*	-1.29%	▼	09 Feb 18
Mo US canned molybdic oxide \$/lb Mo	12.20-12.5* 12.10-12.30*	4.66% 1.24%	<u> </u>	09 Feb 18 08 Feb 18	Turkish lumpy 40-42% cfr main Chinese				
Ferro-molybdenum	12.10-12.30	1.24 /0	_	0016010	ports	325-330*	-0.76%	•	09 Feb 18
Basis 65% min, in-warehouse Rotterdam					Ferro-manganese				
\$/kg Mo	30-30.80*	1.84%	A	09 Feb 18	basis 78% Mn (scale pro rata) standard 7.5% C €/tonne	1,070-1,125*	0%		09 Feb 18
US free market 65-70% Mo \$/Ib in-warehouse Pittsburgh	13.20-13.75*	1.13%	A	08 Feb 18	US free market 78% Mn standard 7.5% C \$/long ton in-warehouse Pittsburgh	1,500-1,600*	0%		08 Feb 18
MB Chinese free market concentrate 45% Mo in-warehouse China RMB/mtu	1,600-1,650*	-0.31%	•	07 Feb 18	US free market medium carbon duty				
Tungsten	1,000-1,000	-0.5170		0716010	paid fob Pittsburgh, 80% min Mn 1.5% max C \$/Ib	1.08-1.10*	0%		08 Feb 18
European free market APT \$/mtu	319-325*	0.31%	•	09 Feb 18	MB Chinese free market min 65% Mn		0,0		0010010
Export from mainland China APT Chinese	010 020	0.0170		0010010	max 7.0% C in-warehouse China	7 000 7 500*	00/		00 5-1-40
No1 grade, min 88.5% W03, S/mtu fob	316-318*	0%		07 Feb 18	RMB/tonne	7,300-7,500*	0%		09 Feb 18
MB Chinese free market concentrate	110 000 111 0	00* 00/		07 Fab 10	Manganese ore				
65% Wo3 in-warehouse China RMB/tonne	110,000-111,00	JU" U%		07 Feb 18	44% Mn, cif Tianjin \$/dmtu of metal contained	7.53*	3.43%	A	09 Feb 18
Ferro-tungsten Basis 75% W min \$/kg W in-warehouse					37% Mn, fob Port Elizabeth \$/dmtu of				
Rotterdam duty unpaid	42-43.75*	1.18%	A	09 Feb 18	metal contained	6.55*	5.65%	<u> </u>	09 Feb 18
China export min 75% \$/kg W, fob China	41.5-44.5*	0%		07 Feb 18	Inventories at the main ports of Tianjin and Qinzhou, million tonnes	1.70-1.75*	4.55%	•	07 Feb 18
Vanadium					Ferro-nickel	1.70 1.75	4.00 /0	_	0710010
Ferro-vanadium basis 78% min, free					China premium, 26-32% nickel				
delivery duty paid consumer plant, 1st grade, Western Europe \$/kg V	58.10-61*	2.23%	•	09 Feb 18	contained, cif China, \$/tonne	170-350*	0%		29 Jan 18
US free market ferro-vanadium \$/lb	30.10 01	2.20 /0	_	0310310	Ferro-silicon				
in-warehouse Pittsburgh	27.10-27.90*	1.48%	A	08 Feb 18	Lumpy basis 75% Si (scale pro rata)	1 050 1 700+	0.050/	_	005140
Vanadium pentoxide min 98%,	10 10 10 5*	0.000/		005140	€/tonne	1,650-1,700*	-2.05%	_	09 Feb 18
in-warehouse Rotterdam \$ per lb V205	13.10-13.5*	0.38%	_	09 Feb 18	US free market \$/lb in-warehouse Pittsburgh lumpy basis 75% Si -				
Zircon Foundry grade bulk © tenne feb					imported	1.10-1.13*	0%		08 Feb 18
Foundry grade bulk \$/tonne fob Australia	950-1,000	0%		01 Feb 18	Export from mainland China, min 75% Si, 7.5% C, \$/tonne, fob	1,600-1,650*	0%		09 Feb 18
Premium bulk \$/tonne fob Australia	1,170-1,270	0%		08 Feb 18	MB Chinese free market min 75% Si,	1,000-1,000	U 70		09 FED 10
					in-warehouse China, RMB/tonne	7,400-8,400*	0%		09 Feb 18
BULK ALLOYS					Silico-manganese				
	Price	Change [†]		Assessed	Lumpy basis 65-75% Mn basis 15-19%	1 005 1 075*	00/		005140
Ferro-chrome \$/lb Cr					Si (scale pro rata) €/tonne US free market \$/Ib in-warehouse	1,025-1,075*	0%		09 Feb 18
China import charge chrome 50% Cr index, cif Shanghai, duty unpaid	1.01*	0%		09 Feb 18	Pittsburgh	0.68-0.69*	0%		08 Feb 18
Ferro-Chrome European Benchmark	1.01	0 /0		0316010	MB Chinese free market min 65% Mn				
Indicator, Lumpy Cr charge basis 52%					max 17% Si in-warehouse China RMB/tonne	8,100-8,400*	-0.6%	•	09 Feb 18
(and high carbon), \$ per lb	1.40*	6.87%	_	09 Feb 18	65% min Mn 16% min Si \$/tonne fob	0,100 0,400	0.070		0310010
Spot 6-8% C basis 50% Cr delivered duty paid China RMB/tonne	7,900-8,200*	0%		09 Feb 18	India	1,175-1,200*	-3.06%	▼	09 Feb 18
Contract 6-8% C basis 50% Cr									
delivered duty paid China RMB/tonne	7,650-7,900*	0%		09 Feb 18					
Lumpy Cr charge basis 52% Cr (and high carbon) quarterly	1.18*	-15.11%	•	01 Jan 18					
6-8% C basis 60% Cr max 1.5% Si	1.30-1.40*	3.85%	$\stackrel{v}{\blacksquare}$	09 Feb 18					
0.10% C average 60-70% Cr	2.29-2.38*	1.52%	_	09 Feb 18					
European low carbon in-warehouse 0.06% C max - 65% Cr	2.34-2.43*	1.49%	_	09 Feb 18					
Low phosphorous Cr min 65% C max 7% Si max 1% p max 0.015% Ti max 0.05%	1.40-1.45*	3.26%	A	09 Feb 18					
Japan import 8-9% C, basis 60% Cr, cif Japan, duty unpaid \$/lb contained chrome	0.99-1.03*	2.54%	A	08 Feb 18					
South Korea import 8-9% C, basis 60% Cr, cif South Korea, duty unpaid \$/lb contained chrome	1-1.02*	3.06%	A	08 Feb 18					
US free market low carbon duty paid fob Pi	ittsburgh								
US free market in-warehouse Pittsburgh 6-8% C basis 60-65% Cr max 2% Si	1.400-1.490*	0.7%	•	08 Feb 18					
0.05%C - 65% min Cr	2.35-2.40*	0%		08 Feb 18					
0.10% C - 62% min Cr	2.25-2.30*	0%		08 Feb 18					
0.15% C - 60% min Cr	2.20-2.22*	0%		08 Feb 18	† week-on-week change			CC	ontinued >

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CARBON STEEL - EUROPE				CARBON STEEL - CIS				
	Price	Change [†]	Assessed		Price	Change [†]		Assesse
Northern Europe imports	11100	onany c	мээсээси	CIS exports (Black Sea)	11166	onanyc.		A336336
· ·	for imported non Filor	iain aananassial	avality aarban	. , , , , ,	la' nuissa fau synaut sytaida t	the CIC of sou		nial avalit
Metal Bulletin's appraisal of cfr prices i steel, € per tonne cfr main EU port	ior importea, non-Eu or	igiri, commerciai	quanty carbon	Metal Bulletin's appraisal of CIS mill carbon steel, \$ per tonne fob stowed		116 019 01 001	IIIIIei	ciai-quaiii
Rebar	530-535*	0%	07 Feb 18	Billet index	492*	0%		05 Feb 1
Wire rod (mesh quality)	530-540*	0%	07 Feb 18	Slab	535-540*	0.47%	<u> </u>	05 Feb 1
Plate (8-40mm)	540-560*	0%	07 Feb 18	Rebar	555-560*	0.9%	$\overline{\blacksquare}$	05 Feb 1
Hot rolled coil	550-560*	1.83%		Wire rod (mesh)	580-595*	1.73%	<u>-</u>	05 Feb 1
Cold rolled coil	620-650*	0.4%		Heavy plate (10-50mm)	605-610*	-4.33%	-	05 Feb ⁻
Hot-dip galvanized coil	660-670*	0.76%		Hot rolled coil	560-570*	-3.42%	Ť	05 Feb 1
Southern Europe imports			• • • • • • • • • • • • • • • • • • • •	Cold rolled coil	630-635*	1.61%	$\frac{}{\blacktriangle}$	05 Feb 1
Metal Bulletin's appraisal of cfr prices i	for imported non-Ell or	iain commorcial	auality oarbon	CIS domestic			_	
steel, € per tonne cfr main EU port	ioi iiriporteu, noir-Lo oi	iyiri, committicidi	quanty carbon	Metal Bulletin's appraisal of prices v	uithin Duccia for commarcia	l-quality carb	on ct	and of CIS
Rebar	510-520*	0%	07 Feb 18	origin, rubles per tonne, carriage pa		r-quality carb	011 51	eei 01 613
Wire rod (mesh quality)	505-525*	0%	07 Feb 18	Rebar	35,000-35,500*	0%		05 Feb
Plate (8-40mm)	530-550*	0%	07 Feb 18	Hot rolled sheet	42,500-43,000*	1.54%	$\overline{\blacktriangle}$	05 Feb 1
Hot rolled coil	550-565*	1.36%		Cold rolled sheet	47,000-48,000*	-1.25%	▼	05 Feb 1
Cold rolled coil	620-630*	0.81%		Plate	43,000-44,000*	0.58%	<u></u>	05 Feb 1
Hot-dip galvanized coil	670-675*	1.13%			-,			
Southern Europe exports				CARBON STEEL - MIDDLE EAS	Т			
Metal Bulletin's appraisal of Southern I	Furana mille' nricae for i	evnort outeide Sc	utharn Eurona		Price	Change [†]		Assessi
of commercial-quality carbon steel, € µ	' '	•	•	Turkish exports	11100	onungo		A336336
Rebar	480-500*	-1.51% \		•			-14	
Wire rod (mesh quality)	520-530*	-0.47% T	7 07 Feb 18	Metal Bulletin's appraisal of Turkish \$ per tonne fob main Turkish port	milis prices for export of co	mmerciai-qu	anty (cardon ste
Northern Europe domestic				Billet	530-535*	0%		08 Feb
Metal Bulletin's appraisal of prices with	hin the ELL (eycluding the	e LIK) for comme	rcial-quality	Rebar	550-560*	1.83%	_	08 Feb
carbon steel of EU origin, € per tonne a	, -	S ON TO COMME	ciai-quaiity		570-580*	1.77%	-	08 Feb
Rebar	560-570*	-0.88%	7 07 Feb 18	Wire rod (mesh quality) Merchant bars	590-600*	1.71%	-	08 Feb
Wire rod (mesh quality)	550-560*	-0.89% T		Structural pipe	670-680*	4.65%	<u> </u>	10 Jan 1
Sections (medium)	645-660*	-0.38% T		Hot rolled coil	620-630*	0%	_	09 Feb 1
Beams	620-640*	-1.56% T			020-030	0 /0		031601
Southern Europe domestic				Turkish domestic				
Metal Bulletin's appraisal of prices with	hin the ELL (evaluding the	n IIV) for commo	oial-quality	Metal Bulletin's appraisal of prices v origin, \$ per tonne ex-works	vithin Turkey for commercial	l-quality carb	on st	eel of Turk
., .	iiii tiie LU (excludilig tii	ok) iui cuiiiilei		Ullulli, a del lullie ex-wulks				
CALDON SIRELOI EU ONUM. E DEL LONNE U	delivered basis point			- · ·	525-525*	Ω0/.		No Eab
- · · ·	,	-1 39%	, ,	Billet	525-535*	0%		
carbon steel of EU origin, € per tonne of Rebar Wire rod (mesh quality)	525-540*	-1.39% -1.36%	7 07 Feb 18	Billet Rebar	570-575*	2.69%	A	08 Feb 1
Rebar Wire rod (mesh quality)	525-540* 530-560*	-1.36% T	7 07 Feb 18 7 07 Feb 18	Billet Rebar Wire rod (mesh quality)	570-575* 590-610*	2.69% 1.69%	_	08 Feb 1 08 Feb 1
Rebar Wire rod (mesh quality) Sections (medium)	525-540* 530-560* 620-645*	-1.36% \	7 07 Feb 18 7 07 Feb 18 07 Feb 18	Billet Rebar Wire rod (mesh quality) Hot rolled coil	570-575* 590-610* 630-640*	2.69% 1.69% 0.4%	<u>_</u>	08 Feb 1 08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams	525-540* 530-560* 620-645* 625-640*	-1.36% T	7 07 Feb 18 7 07 Feb 18 07 Feb 18	Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil	570-575* 590-610* 630-640* 700-710*	2.69% 1.69% 0.4% 0.71%	_	08 Feb 1 08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr	525-540* 530-560* 620-645* 625-640* ne ex-works	-1.36% 0% -0.78% \	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18	Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized	570-575* 590-610* 630-640* 700-710* 785-790*	2.69% 1.69% 0.4% 0.71% 0%	A	08 Feb 1 08 Feb 1 09 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil	525-540* 530-560* 620-645* 625-640* 1e ex-works 540-560*	-1.36% \	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18	Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized	570-575* 590-610* 630-640* 700-710*	2.69% 1.69% 0.4% 0.71%	<u>_</u>	08 Feb 1 08 Feb 1 09 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex	525-540* 530-560* 620-645* 625-640* 11	-1.36% 0% -0.78%	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18 07 Feb 18	Billet Rebar Wire rod (mesh quality) Hot rolled coil Cold rolled coil Hot dip galvanized Prepainted galvanized Turkish imports	570-575* 590-610* 630-640* 700-710* 785-790* 865-880*	2.69% 1.69% 0.4% 0.71% 0% 0.58%	A A A	08 Feb 1 08 Feb 1 09 Feb 1 09 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar	525-540* 530-560* 620-645* 625-640* ne ex-works 540-560* (-works 2,310-2,360*	-1.36% 0% -0.78% \	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18	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	570-575* 590-610* 630-640* 700-710* 785-790* 865-880*	2.69% 1.69% 0.4% 0.71% 0% 0.58%	A A A	08 Feb 1 08 Feb 1 09 Feb 1 09 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo	525-540* 530-560* 620-645* 625-640* ne ex-works 540-560* 2,310-2,360* irks	-1.36% 0% -0.78% 1.85% -0.43%	7 07 Feb 18 7 07 Feb 18 07 Feb 18 07 Feb 18 7 07 Feb 18 07 Feb 18	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 main Turkish port	570-575* 590-610* 630-640* 700-710* 785-790* 865-880*	2.69% 1.69% 0.4% 0.71% 0% 0.58%	▲ ▲ teel, \$	08 Feb 1 08 Feb 1 09 Feb 1 09 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm)	525-540* 530-560* 620-645* 625-640* ne ex-works 540-560* 2,310-2,360* irks 590-605*	-1.36% 0% -0.78% 1.85% -0.43% 0.42%	7 07 Feb 18 7 07 Feb 18 07 Feb 18 07 Feb 18 07 Feb 18 09 Feb 18	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 main Turkish port Billet	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* or imported commercial-qual	2.69% 1.69% 0.4% 0.71% 0% 0.58%	▲	08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil	525-540* 530-560* 620-645* 625-640* ne ex-works 540-560* 2,310-2,360* trks 590-605* 560-580*	-1.36% 0% -0.78% 1.85% 1.85% 0.42% 2.7%	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18 7 07 Feb 18 9 7 Feb 18 07 Feb 18 07 Feb 18	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 main Turkish port Billet Hot rolled coil	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* or imported commercial-qual 500-505* 600-610*	2.69% 1.69% 0.4% 0.71% 0% 0.58% -1.95% 1.68%	teel, \$	08 Feb 1 08 Feb 1 09 Feb 1 09 Feb 1 09 Feb 1 09 Feb 1 6 per tonn 08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr 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	525-540* 530-560* 620-645* 625-640* ne ex-works 540-560* 2,310-2,360* 1rks 590-605* 560-580* 660-680*	-1.36% 0% 0% -0.78% 1.85% 1.85% 0.42% 2.7% 3.08%	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18 7 07 Feb 18 8 07 Feb 18 9 07 Feb 18 9 07 Feb 18 9 07 Feb 18	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 main Turkish port Billet Hot rolled coil Cold rolled coil	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* or imported commercial-qual	2.69% 1.69% 0.4% 0.71% 0% 0.58%	▲	08 Feb 1 08 Feb 1 09 Feb 1 09 Feb 1 09 Feb 1 09 Feb 1 6 per tonn 08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr 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	525-540* 530-560* 620-645* 625-640* 1e ex-works 540-560* (-works 2,310-2,360* 1rks 590-605* 560-580* 660-680* 670-690*	-1.36% 0% -0.78% 1.85% 1.85% 0.42% 2.7%	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18 7 07 Feb 18 9 7 Feb 18 07 Feb 18 07 Feb 18 07 Feb 18	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 main Turkish port Billet Hot rolled coil Cold rolled coil UAE imports	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* for imported commercial-qua 500-505* 600-610* 650-660*	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38%	▲	08 Feb 1 08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr 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	525-540* 530-560* 620-645* 625-640* 1e ex-works 540-560* (-works 2,310-2,360* 1rks 590-605* 560-580* 660-680* 670-690*	-1.36% 0% 0% -0.78% 1.85% 1.85% 0.42% 2.7% 3.08%	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18 7 07 Feb 18 9 7 Feb 18 07 Feb 18 07 Feb 18 07 Feb 18 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for main Turkish port	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* for imported commercial-qua 500-505* 600-610* 650-660*	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38%	▲	08 Feb 1 08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr 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	525-540* 530-560* 620-645* 625-640* 1e ex-works 540-560* (-works 2,310-2,360* 1rks 590-605* 560-580* 660-680* 670-690*	-1.36% 0% 0% -0.78% 1.85% 1.85% 0.42% 2.7% 3.08%	7 07 Feb 18 7 07 Feb 18 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* or imported commercial-qual 500-505* 600-610* 650-660* or imported commercial-qual	2.69% 1.69% 0.4% 0.71% 0% 0.58% 1.68% 0.38%	▲	08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil	525-540* 530-560* 620-645* 625-640* 1e ex-works 540-560* (-works 2,310-2,360* orks 660-680* 670-690* orks 550-565* 550-570*	-1.36% 0% -0.78% 1.85% -0.43% 0.42% 2.7% 3.08% 0.74% 0.45% 1.82%	7 07 Feb 18 7 07 Feb 18 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* for imported commercial-qual 500-505* 600-610* 650-660* or imported commercial-qual 510-515*	2.69% 1.69% 0.4% 0.71% 0% 0.58% 1.68% 0.38% 1.68% 1.68%	▲	08 Feb 1 09 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil	525-540* 530-560* 620-645* 625-640* 1e ex-works 540-560* c-works 2,310-2,360* orks 590-605* 660-680* 670-690* orks 550-565* 550-570* 625-650*	-1.36%	7 07 Feb 18 7 07 Feb 18 9 07 Feb 18 1 07 Feb 18 1 07 Feb 18 1 09 Feb 18 1 07 Feb 18 2 07 Feb 18 3 07 Feb 18 4 07 Feb 18 5 07 Feb 18 6 07 Feb 18 7 09 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet Rebar	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* for imported commercial-qual 500-505* 600-610* 650-660* or imported commercial-qual 510-515* 545-550*	2.69% 1.69% 0.4% 0.71% 0% 0.58% 1.68% 0.38% -2.38% -2.67%	▲	08 Feb 1 09 Feb 1 06 Feb 1 06 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil	525-540* 530-560* 620-645* 625-640* 1e ex-works 540-560* (-works 2,310-2,360* orks 660-680* 670-690* orks 550-565* 550-570*	-1.36% 0% -0.78% 1.85% -0.43% 0.42% 2.7% 3.08% 0.74% 0.45% 1.82%	7 07 Feb 18 7 07 Feb 18 9 07 Feb 18 1 07 Feb 18 1 07 Feb 18 1 09 Feb 18 1 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet Rebar Hot rolled coil	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* for imported commercial-quality 500-505* 600-610* 650-660* or imported commercial-quality 510-515* 545-550* 620-640*	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38% -2.38% -2.67% 4.56%	▲	08 Feb 1 09 Feb 1 00 Feb 1 06 Feb 1 06 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Gold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip dela coil Hot-dip dela coil Hot-dip galvanized coil	525-540* 530-560* 620-645* 625-640* 1e ex-works 2,310-2,360* 1rks 590-605* 560-580* 660-680* 670-690* 1rks 550-565* 550-570* 625-650* 640-670*	-1.36%	7 07 Feb 18 7 07 Feb 18 9 07 Feb 18 1 07 Feb 18 1 07 Feb 18 1 09 Feb 18 1 07 Feb 18 2 07 Feb 18 3 07 Feb 18 4 07 Feb 18 5 07 Feb 18 6 07 Feb 18 7 09 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* for imported commercial-quality 650-610* 650-660* for imported commercial-quality 6510-515* 545-550* 620-640* 670-680*	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38% -2.38% -2.67% 4.56% 4.65%	▲	08 Feb 1 09 Feb 1 00 Feb 1 06 Feb 1 06 Feb 1 06 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Gold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip dela coil Hot-dip galvanized coil	525-540* 530-560* 620-645* 625-640* 1e ex-works 2,310-2,360* 1rks 590-605* 560-580* 660-680* 670-690* 1rks 550-565* 550-570* 625-650* 640-670*	-1.36% 0% 0% -0.78% 1.85% 4 -0.43% 0.42% 2.7% 3.08% 0.74% 4 0.45% 4 1.82% 2%	7 07 Feb 18 7 07 Feb 18 9 07 Feb 18 1 07 Feb 18 1 07 Feb 18 1 09 Feb 18 1 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil Hot dip galvanized coil	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* for imported commercial-quality 500-505* 600-610* 650-660* or imported commercial-quality 510-515* 545-550* 620-640*	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38% -2.38% -2.67% 4.56%	▲	08 Feb 1 09 Feb 1 00 Feb 1 06 Feb 1 06 Feb 1 06 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Gold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip dela coil Hot-dip galvanized coil	525-540* 530-560* 620-645* 625-640* 1e ex-works 2,310-2,360* 1rks 590-605* 560-580* 660-680* 670-690* 1rks 550-565* 550-570* 625-650* 640-670*	-1.36% 0% 0% -0.78% 1.85% 4 -0.43% 0.42% 2.7% 3.08% 0.74% 4 0.45% 4 1.82% 2%	7 07 Feb 18 7 07 Feb 18 9 07 Feb 18 1 07 Feb 18 1 07 Feb 18 1 09 Feb 18 1 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* for imported commercial-quality 650-610* 650-660* for imported commercial-quality 6510-515* 545-550* 620-640* 670-680*	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38% -2.38% -2.67% 4.56% 4.65%	▲	08 Feb 1 09 Feb 1 00 Feb 1 06 Feb 1 06 Feb 1 06 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr Hot rolled coil Poland domestic zloty per tonne ex Rebar Northern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Cold rolled coil Hot-dip galvanized coil Southern Europe € per tonne ex-wo Plate (8-40mm) Hot rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil Cold rolled coil Hot-dip galvanized coil	525-540* 530-560* 620-645* 625-640* ne ex-works 2,310-2,360* rks 590-605* 560-580* 660-680* 670-690* 0rks 550-565* 550-570* 625-650* 640-670*	-1.36% 0% -0.78% 1.85% -0.43% 0.42% 2.7% 3.08% 0.74% 0.45% 1.82% 2% 1.55%	7 07 Feb 18 7 07 Feb 18 07 Feb 18 07 Feb 18 7 07 Feb 18 7 09 Feb 18 1 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil Hot dip galvanized coil Saudi Arabia imports Metal Bulletin's appraisal of prices for Jebel Ali	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* or imported commercial-qua 500-505* 600-610* 650-660* or imported commercial-qua 510-515* 545-550* 620-640* 670-680* 790-840*	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38% -2.38% -2.67% 4.56% 4.65% 9.76%	A A A A A A A A A A A A A	08 Feb 1 09 Feb 1 06 Feb 1 06 Feb 1 06 Feb 1
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 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 Gold rolled coil Gold rolled coil Cold rolled coil Cold rolled coil Cold rolled coil Gold rolled coil Gold rolled coil Hot-dip galvanized coil	525-540* 530-560* 620-645* 625-640* ne ex-works 540-560* 2,310-2,360* rks 590-605* 560-580* 660-680* 670-690* orks 550-570* 625-650* 640-670* A Price	-1.36% 0% -0.78% 1.85% -0.43% 0.42% 2.7% 3.08% 0.74% 0.45% 1.82% 2.% 1.55% Change [†]	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18 7 09 Feb 18 8 07 Feb 18 9 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil Hot dip galvanized coil Saudi Arabia imports Metal Bulletin's appraisal of prices for saudi Arabia imports	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* or imported commercial-qual 500-505* 600-610* 650-660* or imported commercial-qual 510-515* 545-550* 620-640* 670-680* 790-840* or imported commercial-qual	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38% -2.67% 4.56% 4.65% 9.76%	A A A A A A A A A A A A A	08 Feb 1 09 Feb 1 06 Feb 1 06 Feb 1 06 Feb 1
Rebar Wire rod (mesh quality) Sections (medium) Beams Central Europe domestic € per tonr 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	525-540* 530-560* 620-645* 625-640* ne ex-works 540-560* 2,310-2,360* rks 590-605* 560-580* 660-680* 670-690* orks 550-570* 625-650* 640-670* A Price	-1.36% 0% -0.78% 1.85% -0.43% 0.42% 2.7% 3.08% 0.74% 0.45% 1.82% 2.% 1.55% Change [†]	7 07 Feb 18 7 07 Feb 18 07 Feb 18 7 07 Feb 18 7 09 Feb 18 8 07 Feb 18 9 07 Feb 18	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 main Turkish port Billet Hot rolled coil UAE imports Metal Bulletin's appraisal of prices for Jebel Ali Billet Rebar Hot rolled coil Cold rolled coil Hot dip galvanized coil Saudi Arabia imports Metal Bulletin's appraisal of prices for Jebel Ali	570-575* 590-610* 630-640* 700-710* 785-790* 865-880* or imported commercial-qua 500-505* 600-610* 650-660* or imported commercial-qua 510-515* 545-550* 620-640* 670-680* 790-840*	2.69% 1.69% 0.4% 0.71% 0% 0.58% ality carbon s -1.95% 1.68% 0.38% -2.38% -2.67% 4.56% 4.65% 9.76%	A A A A A A A A A A A A A	08 Feb 1 09 Feb 1 06 Feb 1 06 Feb 1 06 Feb 1

†week-on-week change

2 February 2018 Metal Bulleti	in Daily Number	9547.1			Copyright ©	2002-2018	Meta	al Bulletii
	Price	Change	Assessed	CARBONSTEEL-NAFTA				
JAE domestic					Price	Change [†]		Assesse
Metal Bulletin's appraisal of prices within	n UAE for commercial-	quality carbon ste	el of UAE	US imports	11100	onango		нозиза
origin, dirhams per tonne ex-works				·				- 154 15
Rebar	2,332-2,340*	0%	06 Feb 18	Metal Bulletin's appraisal of prices for imp steel, \$ per short ton cfr port Houston	ortea, non-Natta orig	jin, commerci	iai-qua	ality carbo
ran imports				Rebar	572-576*	0.88%	•	07 Feb 1
Metal Bulletin's appraisal of prices quote	d by overseas supplier	s for commercial-	-quality					
carbon steel to Iranian buyers, \$ per tonn	ne cfr Iranian northern	ports		Merchant bars	620-660*	3.23%		26 Jan
Cold rolled coil	610-630*	0%	07 Feb 18	Wire rod (low carbon)	572-600*	0%		24 Jan
Hot rolled coil	560-580*	0%	07 Feb 18	Medium sections	640-660*	5.26%	<u> </u>	25 Jan
Hot dip galvanized coil	640-685*	0%	13 Dec 17	Medium plate	680-725*	6.44%	<u> </u>	07 Feb
Egyptian domestic				Hot rolled coil (commodity)	660-715*	4.96%		07 Feb
Metal Bulletin's appraisal of prices within	Favnt for commercial	-auality carbon st	teel of	Cold rolled coil	750-800*	-0.64%	_	07 Feb
Egyptian origin, E£ per tonne ex-works	Legypt for commorcial	quanty carbon of		Hot dipped galvanized 0.012-0.015,	000 005*	00/		07 Fab
Rebar	11,950-11,980*	0%	08 Feb 18	G30	920-965*	0%	_	07 Feb
Egyptian import	,			ERW linepipe (X42)	850-870*	4.88%	<u> </u>	30 Jan
•	an autad a a mama araial au	alita aarban ataal	Castona	OCTG API5CT - casing J55	830-850*	0.9%		30 Jan
Metal Bulletin's appraisal of prices for im cfr main port	ропеи сопштегстат-ці	ianty carbon steer,	, \$ per tonne	US domestic				
Billet	510-517*	0.2%	08 Feb 18	AMM's appraisal of prices within the USA		ity carbon stee	el of U	Sor
piller	310-317	0.2%	00 Len 10	Canadian origin, \$ per short ton, delivery t	erms as indicated			
				Rebar (fob mill)	620-640*	0%		07 Feb
CARBON STEEL - LATIN AMERICA				Wire rod (mesh quality fob mill)	630-630*	5%	A	24 Jan
	Price	Change [†]	Assessed	Plate (fob mill)	780-780*	4%	A	02 Feb
Latin American exports				Hot rolled sheet index (fob mill)	739-739*	1.65%	A	08 Feb
Metal Bulletin's appraisal of Latin Americ	ean mille' nrices for evi	oort outside I atin	America of	Cold rolled sheet (fob mill)	900-900*	1.12%	A	08 Feb
commercial-quality carbon steel, \$ per to				Hot-dip galvanized (base) Midwest				
Billet	500-510*	-1.94% ▼	09 Feb 18	(fob mill)	880-880*	1.15%	_	08 Feb
Slab, Brazil	530-540*	0%	09 Feb 18	OCTG API5CT - casing J55 (fob mill)	975-1,000*	3.95%	A	30 Jan
Rebar	560-565*	0%	09 Feb 18	AMM's appraisal of prices within the USA	for commercial-qual	ity carbon stee	el of U	Sor
	560-565*	0%		Canadian origin, \$ per hundredweight, del	ivery terms as indica	ted		
Wire rod mesh quality								
			09 Feb 18	Merchant bar 3 x 3 1/4 angle (fob mill)	33.25-33.25*	9.92%	A	26 Jan
Heavy plate over 10mm	600-610*	0%	09 Feb 18	Merchant bar 3 x 3 1/4 angle (fob mill)	33.25-33.25*	9.92%	_	26 Jan
Heavy plate over 10mm Hot rolled coil (dry)	600-610* 570-580*	0% 0%	09 Feb 18 09 Feb 18	Merchant bar 3 x 3 1/4 angle (fob mill)	33.25-33.25*	9.92%		26 Jan
Heavy plate over 10mm Hot rolled coil (dry)	600-610* 570-580* 700-725*	0% 0% 3.64% ^	09 Feb 18 09 Feb 18 09 Feb 18	, , , , , , , , , , , , , , , , , , ,	33.25-33.25*	9.92%	<u> </u>	26 Jan
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil	600-610* 570-580*	0% 0%	09 Feb 18 09 Feb 18	Merchant bar 3 x 3 1/4 angle (fob mill) CARBON STEEL - ASIA			<u> </u>	
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil	600-610* 570-580* 700-725*	0% 0% 3.64% ^	09 Feb 18 09 Feb 18 09 Feb 18	, , , , , , , , , , , , , , , , , , ,	33.25-33.25* Price	9.92% Change [†]	<u> </u>	
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for	600-610* 570-580* 700-725* 800-810*	0% 0% 3.64% ^	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	, , , , , , , , , , , , , , , , , , ,			<u> </u>	
Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for	600-610* 570-580* 700-725* 800-810*	0% 0% 3.64% ^	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	CARBONSTEEL - ASIA	Price	Change [†]		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	600-610* 570-580* 700-725* 800-810*	0% 0% 3.64% ^	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	CARBONSTEEL - ASIA China exports	Price	Change [†]		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	600-610* 570-580* 700-725* 800-810*	0% 0% 3.64% ▲ 0%	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	CARBONSTEEL - ASIA China exports Metal Bulletin's appraisal of Chinese mills	Price	Change [†]		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 Hot rolled coil	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600*	0% 0% 3.64% ▲ 0% -1.65% ▼	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	CARBONSTEEL - ASIA China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port	Price prices for export of c	Change † ommercial-qu		Assess carbon st 09 Feb
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	600-610* 570-580* 700-725* 800-810* rimported, commercia 590-600* 600-610* 640-650*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 teel, 09 Feb 18 09 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index	Price prices for export of c 553-553*	Change [†] ommercial-qu 0.06%		Assess carbon st 09 Feb 06 Feb
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	600-610* 570-580* 700-725* 800-810* rimported, commercia 590-600* 600-610* 640-650* 700-710*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 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 c 553-553* 560-580*	Change [†] commercial-qu 0.06% 0%	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 Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-w	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 teel, 09 Feb 18 09 Feb 18 09 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index	Price prices for export of c 553-553* 560-580* 565-570*	Change [†] commercial-qu 0.06% 0% 0.62%	uality (Assess carbon st 09 Feb 06 Feb 06 Feb
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-w Metal Bulletin's appraisal of prices within	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 teel, 09 Feb 18 09 Feb 18 09 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate	Price prices for export of c 553-553* 560-580* 565-570* 592-592* 610-615*	Change [†] commercial-qu 0.06% 0% 0.62% 1.88% 0%	uality (Assess carbon st 09 Feb 06 Feb 06 Feb 09 Feb
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 Galvanized coil Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices withintonne	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710* rangentina for comme	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18 109 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm	Price prices for export of c 553-553* 560-580* 565-570* 592-592*	Change [†] commercial-qu 0.06% 0% 0.62% 1.88%	uality (Assess 09 Feb 06 Feb 09 Feb 09 Feb 09 Feb
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-w}}{\text{\$metal Bulletin's appraisal of prices withintonne}}\$	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710* rorks a Argentina for comme	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18 109 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm Eastern China domestic	Price prices for export of of 553-553* 560-580* 565-570* 592-592* 610-615* 670-680*	Change [†] Ommercial-qu 0.06% 0% 0.62% 1.88% 0% 0%	A A	Assess 09 Feb 06 Feb 09 Feb 06 Feb 06 Feb 06 Feb
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-w Metal Bulletin's appraisal of prices withintonne Hot rolled coil Cold rolled coil	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710* rorks n Argentina for comme 720-735* 840-845*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo 0% 0%	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm Eastern China domestic Metal Bulletin's appraisal of prices in easter	Price prices for export of a 553-553* 560-580* 565-570* 592-592* 610-615* 670-680*	Change [†] Ommercial-qu 0.06% 0% 0.62% 1.88% 0% 0%	A A	Assess carbon s 09 Feb 06 Feb 09 Feb 06 Feb 06 Feb
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 Galvanized coil Argentina domestic \$\frac{\text{\$per tonne ex-w}}{\text{\$metal Bulletin's appraisal of prices withintonne}}\$ Hot rolled coil Galvanized coil Galvanized coil Gold rolled coil	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710* rorks n Argentina for comme 720-735* 840-845* 1,070-1,170*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo 0% 0%	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm Eastern China domestic Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-wareho	Price prices for export of a 553-553* 560-580* 565-570* 592-592* 610-615* 670-680*	Change [†] Ommercial-qu 0.06% 0% 0.62% 1.88% 0% 0%	A A A A A A A A A A A A A A A A A A A	Assess carbon si 09 Feb 06 Feb 09 Feb 06 Feb 06 Feb steel of
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 Gold rolled coil Gold rolled coil Gold rolled coil Galvanized coil Galvanized coil Galvanized coil Galvanized coil	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710* rorks n Argentina for comme 720-735* 840-845*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo 0% 0%	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1 mm Eastern China domestic Metal Bulletin's appraisal of prices in easte Chinese origin, yuan per tonne ex-wareho Rebar	Price prices for export of c 553-553* 560-580* 565-570* 592-592* 610-615* 670-680* ern China for comme use 3,860-3,920*	Change [†] O.06% 0% 0.62% 1.88% 0% 0% crial-quality can	▲ A A A A A	Assess carbon s 09 Feb 06 Feb 09 Feb 06 Feb steel of
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 Gold rolled coil Gold rolled coil Gold rolled coil Galvanized coil Galvanized coil Galvanized coil Galvanized coil	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710* rorks n Argentina for comme 720-735* 840-845* 1,070-1,170*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo 0% 0%	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1 mm 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 c 553-553* 560-580* 565-570* 592-592* 610-615* 670-680* ern China for comme use 3,860-3,920* 4,000-4,060*	Change [†] Ommercial-qu 0.06% 0% 0.62% 1.88% 0% 0% rcial-quality ca 0.52% 1.77%	A A A A A A A A A A A A A A A A A A A	Assess 09 Feb 06 Feb 06 Feb 06 Feb 06 Feb 07 Feb 08 Feb 09 Feb 09 Feb 09 Feb
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-w	600-610* 570-580* 700-725* 800-810* *rimported, commercial 590-600* 600-610* 640-650* 700-710* *rinks *n Argentina for comme 720-735* 840-845* 1,070-1,170* 860-865*	0% 0% 3.64% ▲ 0% -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo 0% 0% 0% 0% 2.07% ▲	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1 mm 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 c 553-553* 560-580* 565-570* 592-592* 610-615* 670-680* ern China for comme use 3,860-3,920* 4,000-4,060* 4,100-4,150*	Change [†] Ommercial-qu 0.06% 0% 0.62% 1.88% 0% ow rcial-quality ca 0.52% 1.77% 0.61%	A A A A A A A A A A A A A A A A A A A	### Assess ### Carbon si ### 09 Feb ### 06 Feb ### 06 Feb ### 09 Feb
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-w Metal Bulletin's appraisal of prices within tonne Hot rolled coil Galvanized coil	600-610* 570-580* 700-725* 800-810* *rimported, commercial 590-600* 600-610* 640-650* 700-710* *rinks *n Argentina for comme 720-735* 840-845* 1,070-1,170* 860-865*	0% 0% 3.64% ▲ 0% -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo 0% 0% 0% 0% 2.07% ▲	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm Eastern China domestic 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 c 553-553* 560-580* 565-570* 592-592* 610-615* 670-680* ern China for comme use 3,860-3,920* 4,000-4,060* 4,100-4,150* 4,030-4,100*	Change [†] 0.06% 0% 0.62% 1.88% 0% 0% crial-quality ca 1.77% 0.61% 0.87%	A A A A A A A A A A A A A A A A A A A	### Assess ### Carbon si ### 09 Feb #### 09 Feb #### 09 Feb
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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-w Metal Bulletin's appraisal of prices within tonne Gold rolled coil Galvanized coil	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710* rorks 1 Argentina for comme 720-735* 840-845* 1,070-1,170* 860-865*	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo 0% 0% 0% -2.07% ▲ -quality carbon st	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm Eastern China domestic 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 c 553-553* 560-580* 565-570* 592-592* 610-615* 670-680* ern China for comme use 3,860-3,920* 4,000-4,060* 4,100-4,150* 4,030-4,100*	Change [†] 0.06% 0% 0.62% 1.88% 0% 0% crial-quality ca 1.77% 0.61% 0.87%	A A A A A A A A A A A A A A A A A A A	### Assess ### Carbon si ### 09 Feb ### 06 Feb ### 06 Feb ### 09 Feb
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Heavy plate over 10mm Hot rolled coil (dry) Cold rolled coil Galvanized coil South America imports Metal Bulletin's appraisal of cfr prices for Sper tonne cfr main ports Plate Hot rolled coil Galvanized coil Argentina domestic \$ per tonne ex-w Metal Bulletin's appraisal of prices within tonne Hot rolled coil Galvanized coil Grebar	600-610* 570-580* 700-725* 800-810* rimported, commercial 590-600* 600-610* 640-650* 700-710* rorks 1 Argentina for comme 720-735* 840-845* 1,070-1,170* 860-865* a Brazil for commercial 2,500-2,600* 2,800-2,900* 3,000-3,200* a Brazil for commercial	0% 0% 3.64% ▲ 0% I-quality carbon s -1.65% ▼ -1.22% ▼ -1.53% ▼ -1.74% ▼ rcial-quality carbo 0% 0% 0% -quality carbon st 8.51% ▲ 7.55% ▲ 6.16% ▲ -quality carbon st	09 Feb 18 09 Feb 18 09 Feb 18 09 Feb 18 109 Feb 18	China exports Metal Bulletin's appraisal of Chinese mills \$ per tonne fob main China port Rebar index Wire rod (mesh quality) Heavy plate Hot rolled coil index Cold rolled coil Galvanized coil 1mm Eastern China domestic 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 comment of the commen	Change [†] 0.06% 0% 0.62% 1.88% 0% 0% 1.88% 0% 0.52% 1.77% 0.61% 0.87% 0.12% -0.11% 0% ercial-quality of the control of the co	arbon carbon	### Assess ### Carbon s ### 09 Feb ### 00 Fe
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†week-on-week change

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Southern China domestic	Price	Change	Assessed	STAINLESS STEEL				
Metal Bulletin's appraisal of prices in sout	thern China for comme	rcial-quality carbo	on steel of		Price	Change [†]		Assesse
Chinese origin, yuan per tonne ex-wareho		roiar quarity carbi)	Asia import				
Rebar	4,160-4,230*	1.08%	09 Feb 18	\$/tonne cif East Asian port				
Wire rod (mesh)	4,150-4,200*	0.36%	09 Feb 18	Grade 304 2mm CR coil 2B	2,250-2,320*	0.44%	A	07 Feb 1
Sections	4,200-4,250*	0%	09 Feb 18	Grade 304 HR sheet	2,180-2,240*	0.23%	A	07 Feb 1
Plate	4,190-4,220*	1.45%	09 Feb 18	China domestic				
Hot rolled coil (min 2mm)	4,170-4,220*	0.84%	09 Feb 18	yuan/tonne, in-warehouse				
Cold rolled coil (0.5 - 2 mm)	4,640-4,750*	0.32%	09 Feb 18	Grade 304 2mm CR coil	14,500-15,500*	0%		08 Feb 1
Hot-dip galvanized coil	5,100-5,180*	0.32 /	09 Feb 18	Grade 430 2mm CR coil	9,600-9,700*	0%		08 Feb 1
	3,100-3,100	0 70	0316010	EU export				
Southeast Asia imports				€/tonne fob N.European port				
Metal Bulletin's appraisal of prices in Sout tonne cfr	theast Asia for comme	rcial-quality carbo	on steel \$ per	Min 100 tonne lot				
	E0E EE0*	0.400/	0F Fab 10	Grade 304 2mm CR sheet	2,355-2,435*	0%		09 Feb 1
Billet	535-550*	0.46%	05 Feb 18	EU domestic	2,000 2,100	0 70		00.00.
Slab (Asia/East Asia)	530-540*	1.42%	05 Feb 18	2mm 304 cold rolled stainless sheet, €/tonne				
Hot rolled coil (Vietnam)	585-595*	0.17%	05 Feb 18	· · · · · · · · · · · · · · · · · · ·	1.000.1.100*	00/	_	09 Feb 1
Rebar (Singapore)	550-560*	0%	05 Feb 18	N.Europe Base price	1,060-1,120*	0%		
Wire rod (low carbon)	575-588*	0.26%	05 Feb 18	Alloy surcharge	1,295-1,315*	0%		09 Feb 1
Indian exports				2mm 316 cold rolled stainless sheet, €/tonne	1 045 1 4001	00/		00.5.1
Metal Bulletin's appraisal of Indian mills' ,	prices for export of con	nmercial-quality o	arbon steel,	Base price	1,345-1,430*	0%		09 Feb 1
\$ per tonne fob main India port				Alloy surcharge	1,923-1,963*	0%		09 Feb 1
Billet	520-525*	0%	09 Feb 18	304 stainless steel bright bar, €/tonne				
Plate (12-40mm)	585-590*	1.73%	09 Feb 18	Base price	990-1,040*	0%		09 Feb 1
Hot rolled coil (commodity)	640-645*	3.21%	09 Feb 18	Alloy surcharge	1,560-1,642*	0%		09 Feb 1
Hot-dip galvanized coil	820-825*	0%	09 Feb 18	US domestic				
Indian imports				AMM's appraisal of prices within the USA for	commercial-qualit	ty stainless ste	eel of	US or
Metal Bulletin's appraisal of prices for imp	ported, non-EU origin,	commercial-quali	ty carbon	Canadian origin, \$ per hundredweight, fob				
steel, \$ per tonne cfr main India port	,	,	,	Grade 304 coiled plate	107-107*	-3.17%	\blacksquare	10 Jan 1
Plate (20-60mm)	595-610*	0%	09 Feb 18	Grade 316 coiled plate	143-143*	-2.73%	▼	10 Jan 1
Hot rolled coil (commodity)	630-635*	0%	09 Feb 18	Grade 304 cold rolled sheet	122-122*	0%		25 Jan 1
Hot rolled coil (CR grade)	570-585*	0%	09 Feb 18	Grade 316L cold rolled sheet	156-156*	0%		25 Jan 1
Cold rolled	630-640*	10.92%	09 Feb 18	Raw materials index				
Indian domestic				EU domestic stainless steel \$ per tonne				
Metal Bulletin's appraisal of prices within	India for commercial-	uuality carhon eta	al rungae nar	304 Europe raw materials index	1,520.24*	1.48%	A	05 Feb 1
tonne ex-works	maia ioi commerciai-q	juanty carbon ste	ы, тирево ры	·				
Billet	31,500-31,800*	-0.78% ▼	09 Feb 18	CHINA IRON ORE				
Heavy plate	41,000-41,500*	0%	09 Feb 18	cfr main China port \$ per dry metric tonne				
Hot rolled coil	42,750-43,250*	0%	09 Feb 18		Price	Change [†]		
Cold rolled coil	47,500-48,000*	0%	09 Feb 18	Iron are index (COO/ Fa)	FIIGE			Accasea
	47,300-40,000				76.46*	-	•	
	00 100 00 400*			Iron ore index (62% Fe)	76.46*	2.78%	<u> </u>	09 Feb 1
	20,100-20,400*	-2.64% ▼	09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe)	76.46* 119.24*	-	▼	09 Feb 1
DRI Hot-dip galvanized coil	52,000-52,500*	-2.64% ▼ 0%	09 Feb 18 09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr	119.24*	2.78%		09 Feb 1
		-2.64% ▼	09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe)		2.78%		09 Feb 1
Hot-dip galvanized coil	52,000-52,500*	-2.64% ▼ 0%	09 Feb 18 09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr	119.24*	2.78%		09 Feb 1 09 Feb 1
Hot-dip galvanized coil Rebar	52,000-52,500*	-2.64% ▼ 0%	09 Feb 18 09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/%	119.24* 98.05*	2.78% -0.08% 5.91%	*	09 Feb 1 09 Feb 1
Hot-dip galvanized coil Rebar	52,000-52,500* 33,500-33,800*	-2.64% ▼ 0% -0.74% ▼	09 Feb 18 09 Feb 18 09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/%	119.24* 98.05*	2.78% -0.08% 5.91%	*	09 Feb 1 09 Feb 1
Hot-dip galvanized coil Rebar STEELBENGHMARKER*** PRICES	52,000-52,500*	-2.64% ▼ 0%	09 Feb 18 09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao	119.24* 98.05*	2.78% -0.08% 5.91%	*	09 Feb 1 09 Feb 1
Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi	52,000-52,500 * 33,500-33,800 * <i>Price</i>	-2.64% ▼ 0% -0.74% ▼ Change [†]	09 Feb 18 09 Feb 18 09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao	119.24* 98.05* 1.30*	2.78% -0.08% 5.91% 20.37%	*	09 Feb 1 09 Feb 1 09 Feb 1 01 Feb 1
Hot-dip galvanized coil Rebar STEELBENGHMARKER*** PRICES	52,000-52,500* 33,500-33,800*	-2.64% ▼ 0% -0.74% ▼	09 Feb 18 09 Feb 18 09 Feb 18 4ssessed	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne	119.24* 98.05* 1.30*	2.78% -0.08% 5.91% 20.37%	*	09 Feb 1 09 Feb 1 09 Feb 1 01 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne)	52,000-52,500 * 33,500-33,800 * <i>Price</i>	-2.64% ▼ 0% -0.74% ▼ Change [†]	09 Feb 18 09 Feb 18 09 Feb 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao	119.24* 98.05* 1.30*	2.78% -0.08% 5.91% 20.37%	*	09 Feb 1 09 Feb 1 09 Feb 1 01 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER™ PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton)	52,000-52,500* 33,500-33,800* <i>Price</i> 840	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲	09 Feb 18 09 Feb 18 09 Feb 18 4ssessed	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe)	119.24* 98.05* 1.30*	2.78% -0.08% 5.91% 20.37%	*	09 Feb 1 09 Feb 1 09 Feb 1 01 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER*** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne)	52,000-52,500* 33,500-33,800* Price 840 762	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲ 4.1% ▲	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe)	119.24* 98.05* 1.30*	2.78% -0.08% 5.91% 20.37%	*	09 Feb 1 09 Feb 1 09 Feb 1 01 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER*** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne)	52,000-52,500* 33,500-33,800* Price 840 762 736	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲ 4.1% ▲ 1.38% ▲	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe)	119.24* 98.05* 1.30* Price 66.87-66.87*	2.78% -0.08% 5.91% 20.37% Change [†] 3.1%	*	09 Feb 1 09 Feb 1 09 Feb 1 01 Feb 1 Assesse 03 Jan 1
Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/metric tonne)	52,000-52,500* 33,500-33,800* Price 840 762 736 668	-2.64% ▼ 0% -0.74% ▼ Change ^t 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe)	119.24* 98.05* 1.30*	2.78% -0.08% 5.91% 20.37%	*	09 Feb 1 09 Feb 1 09 Feb 1 01 Feb 1 Assesse 03 Jan 1
Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Hot olled coil (\$/metric tonne) Cold rolled coil (\$/metric tonne)	52,000-52,500* 33,500-33,800* Price 840 762 736 668 911	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲ 0.55% ▲	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe)	119.24* 98.05* 1.30* Price 66.87-66.87*	2.78% -0.08% 5.91% 20.37% Change [†] 3.1%	*	09 Feb 1 09 Feb 1 09 Feb 1 01 Feb 1 Assesse 03 Jan 1
Hot-dip galvanized coil Rebar STEELBENGHMARKER** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/short ton) Cold rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China	52,000-52,500* 33,500-33,800* Price 840 762 736 668 911 826	-2.64% ▼ 0% -0.74% ▼ Change ^t 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲ 0.55% ▲ 0.49% ▲	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne	119.24* 98.05* 1.30* Price 66.87-66.87*	2.78% -0.08% 5.91% 20.37% Change [†] 3.1%	*	09 Feb 1 09 Feb 1 01 Feb 1 01 Feb 1 Assesse 03 Jan 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER*** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/short ton) Cold rolled coil (\$/short ton) Cold rolled coil (\$/short ton) Region: Mainland China Rebar	52,000-52,500* 33,500-33,800* Price 840 762 736 668 911 826	-2.64% ▼ 0% -0.74% ▼ Change ^t 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲ 0.55% ▲ 0.49% ▲	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob	119.24* 98.05* 1.30* Price 66.87-66.87* Price 227.23-227.23* 199.42-199.42*	2.78% -0.08% 5.91% 20.37% Change [†] 3.1% Change [‡] 7.53% 3.62%	A A A A	09 Feb 1 09 Feb 1 01 Feb 1 03 Jan 1 Assesse 09 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER*** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/short ton) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate	52,000-52,500* 33,500-33,800* Price 840 762 736 668 911 826 530 538	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲ 0.55% ▲ 0.49% ▲ -0.19% ▼ -1.28% ▼	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia	119.24* 98.05* 1.30* Price 66.87-66.87* Price 227.23-227.23* 199.42-199.42* 226.21-226.21*	2.78% -0.08% 5.91% 20.37% Change† 7.53% 3.62% 4.27%	*	09 Feb 1 09 Feb 1 01 Feb 1 03 Jan 1 Assesse 09 Feb 1 09 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER*** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/short ton) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate Hot rolled coil	52,000-52,500* 33,500-33,800* Price 840 762 736 668 911 826 530 538 540	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲ 0.55% ▲ 0.49% ▲ -0.19% ▼ -1.28% ▼ -1.64% ▼	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob	119.24* 98.05* 1.30* Price 66.87-66.87* Price 227.23-227.23* 199.42-199.42*	2.78% -0.08% 5.91% 20.37% Change [†] 3.1% Change [‡] 7.53% 3.62%	A A A A	09 Feb 1 09 Feb 1 01 Feb 1 03 Jan 1 Assesse 09 Feb 1 09 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER*** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate Hot rolled coil Cold rolled coil Cold rolled coil	52,000-52,500* 33,500-33,800* Price 840 762 736 668 911 826 530 538	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲ 0.55% ▲ 0.49% ▲ -0.19% ▼ -1.28% ▼	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia Hard coking coal fob Australia China hard coking coal Shanxi spot	119.24* 98.05* 1.30* Price 66.87-66.87* Price 227.23-227.23* 199.42-199.42* 226.21-226.21* 187.51-187.51*	2.78% -0.08% 5.91% 20.37% Change† 3.1% Change 4.27% 3.28%	A A A A	09 Feb 1 09 Feb 1 01 Feb 1 Assesse 03 Jan 1 Assesse 09 Feb 1 09 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER***PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/short ton) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate Hot rolled coil Cold rolled coil Cold rolled coil Region: World export market	52,000-52,500* 33,500-33,800* Price 840 762 736 668 911 826 530 538 540 630	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲ 0.55% ▲ 0.49% ▲ -0.19% ▼ -1.28% ▼ -1.64% ▼	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia Hard coking coal fob Australia China hard coking coal Shanxi spot market domestic delivered yuan/tonne	119.24* 98.05* 1.30* Price 66.87-66.87* Price 227.23-227.23* 199.42-199.42* 226.21-226.21* 187.51-187.51* 1,570-1,950*	2.78% -0.08% 5.91% 20.37% Change† 7.53% 3.62% 4.27% 3.28% 2.03%	A A A A A	Assessee 09 Feb 1 09 Feb 1 01 Feb 1 Assessee 03 Jan 1 Assessee 09 Feb 1 09 Feb 1 09 Feb 1
Hot-dip galvanized coil Rebar STEELBENCHMARKER*** PRICES Region: USA east of the Mississippi Standard plate (\$/metric tonne) Standard plate (\$/short ton) Hot rolled coil (\$/metric tonne) Hot rolled coil (\$/metric tonne) Cold rolled coil (\$/short ton) Region: Mainland China Rebar Standard plate Hot rolled coil Cold rolled coil Cold rolled coil	52,000-52,500* 33,500-33,800* Price 840 762 736 668 911 826 530 538 540	-2.64% ▼ 0% -0.74% ▼ Change [†] 4.09% ▲ 4.1% ▲ 1.38% ▲ 1.52% ▲ 0.55% ▲ 0.49% ▲ -0.19% ▼ -1.28% ▼ -1.64% ▼	09 Feb 18 09 Feb 18 09 Feb 18 22 Jan 18	Iron ore pellet index cfr Qingdao (65% Fe) Iron ore concentrate index cfr Qingdao (66% Fe) Metal Bulletin Indicator for US\$/% Fe in iron ore fines cfr Quingdao IRAN IRON ORE cfr China US \$ per tonne Iron ore fines index (60% Fe) COKING COAL \$ per metric tonne Premium hard coking coal cfr China Hard coking coal cfr China Premium hard coking coal fob Australia Hard coking coal fob Australia China hard coking coal Shanxi spot	119.24* 98.05* 1.30* Price 66.87-66.87* Price 227.23-227.23* 199.42-199.42* 226.21-226.21* 187.51-187.51*	2.78% -0.08% 5.91% 20.37% Change† 3.1% Change 4.27% 3.28%	A A A A	09 Feb 1 09 Feb 1 01 Feb 1 03 Jan 1 Assesse 09 Feb 1 09 Feb 1

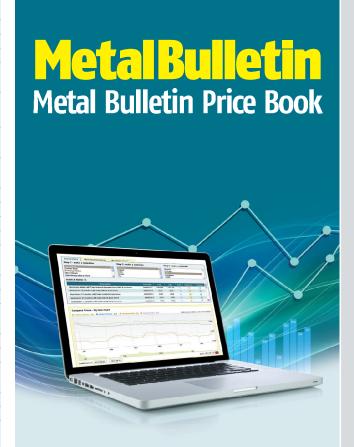
12 February 2018 Metal Bulletin I	Jany Italino	7 00-71.1			Copyright © 2		IVICE	
FERROUS SCRAP				Turkish damastic	Price	Change		Assessed
	Price	Change [†]	Assessed	Turkish domestic				
UK ferrous scrap domestic				MB assessment delivered				
The following is Metal Bulletin's evaluation o				Melting scrap from shipbreaking (\$/tonne)	350-358*	0%		05 Feb 18
consumers within the month listed. Prices m should be read in conjunction with editorial of				Auto bundle scrap (Turkish lira/tonne)	1,190-1,400*	-0.77%	▼	05 Feb 18
•	onninent on the r	чной эстар рау	es.	USA export	, ,			
£/tonne				AMM ferrous scrap export index \$/tonne Ea	st Coast fob New Yo	nrk		
Cut grades	010 005*	0.000/	1C lon 10	HMS 1 &2 (80:20)	321.68*	-1.02%	•	07 Feb 18
OA plate and structural	210-235*		16 Jan 18	Shredded	327.65*	-5.65%	Ť	07 Feb 18
1&2 old steel	190-215*	10.96%	16 Jan 18	USA domestic	027.00	0.0070		07 105 10
12A/C new production heavy and shovellable steel	215-240*	7.06%	16 Jan 18	AMM Midwest index \$/gross ton delivered i	mill			
12D new production heavy and	000 045*	0.00/		No1 heavy melting scrap	308.13*	12.1%	•	10 Jan 18
shovellable steel	220-245*	6.9%	16 Jan 18	No1 busheling	370.29*	6.52%	A	10 Jan 18
Bales and cuttings	000 045*	C 00/	1C lon 10	Shredded	329.55*	10.96%	A	10 Jan 18
4A new steel bales	220-245*		16 Jan 18	China domestic				
4C new steel bales	210-235*		16 Jan 18	yuan/tonne delivered mill				
8A new loose light cuttings	205-235*		16 Jan 18	Heavy scrap	2.300-2.530*	0%		09 Feb 18
8B new loose light cuttings	190-220*	7.89%	16 Jan 18	Taiwan import	, ,			
Turnings				\$/tonne cfr main port				
UK inter-merchant 7B heavy steel turnings	165-185*	9.38%	16 Jan 18	· ·	320,225*	-3 010/	•	00 Eab 10
Cast iron				HMS 1 & 2 (80:20 mix) (USA material)	320-325*	-3.01%	•	09 Feb 18
9A/10 heavy and light cast iron	190-215*	8%	16 Jan 18	Germany domestic	DD 317			
9B/C cylinder block scrap	210-235*		16 Jan 18	€/tonne composite sales price ex-yard, sou		0.0=6:		04 :
11A cast iron borings	130-150*		16 Jan 18	No E2/8 (new steel scrap)	270.60	3.05%	<u> </u>	01 Jan 18
Prices relate to new UK scrap specifications				No E1 (old steel scrap)	244.5	1.88%		01 Jan 18
, , ,	ion changes			No E3 (old thick steel scrap)	266.30	1.84%	<u> </u>	01 Jan 18
Please see MB.com for full explanation of pri	ice changes			No E40 (shredded steel scrap)	272.90	4.08%	<u> </u>	01 Jan 18
UK intermerchant weekly price				No E5 (steel turnings)	222.60	3.82%		01 Jan 18
£/tonne	00.445*	00/	005.1.65	MB assessment €/tonne delivered at mill				
5C loose old light	90-115*	0%	09 Feb 18	Grade E40 (shredded steel scrap)	285-295	2.65%		12 Jan 18
UK ferrous scrap export				No E8 (thin new production steel	295,200	2 600/	•	10 10 10
MB assessment \$ fob main UK port				Scrap)	285-290 280-295	3.6%	_	12 Jan 18 12 Jan 18
HMS 1&2 (80:20 mix)	324-326*		▲ 09 Feb 18	No E3 (old thick scrap)	200-230	3.070	_	12 Jan 10
Shredded	334-336*	2.45%	▲ 09 Feb 18	Italy domestic				
Indian imports				MB assessment €/tonne delivered at mill	000	E 0001		40.1
MB assessment \$/tonnne cfr Nhava Sheva				No E3 (old thick scrap)	290	5.26%	<u> </u>	12 Jan 18
MB index cfr India shredded	368.52*	0.64%	09 Feb 18	No E8 (thin new production steel)	315	4.07%	A	12 Jan 18
HMS 1&2 (80:20 mix)	330-352*	1.04%	09 Feb 18					
Alloy steel scrap domestic				SCRAP SUBSTITUTES				
UK wholesale merchants' stainless (£/tonne,)				Price	Change [†]		Assessed
18/8 solids	950-970*	-0.52%	7 09 Feb 18	EU imports \$/tonne				223004
18/8 turnings	810-835*	0%	09 Feb 18	Pig iron imports cif Italy	370-375*	0%		08 Feb 18
12-13% Cr solids	230-250*	0%	09 Feb 18					0016010
16-17% Cr solids	240-280*	0%	09 Feb 18	Latin American exports \$/tonne, delive Hot briquetted iron Venezuela	230-240*	3.3%	•	09 Feb 18
Cif Europe stainless € per tonne					375-380*	0%	_	
18/8 solids	1,120-1,150*	-1.73%	7 09 Feb 18	Pig iron fob Vitorio/Rio				09 Feb 18
18/8 turnings	1,010-1,035*		7 09 Feb 18	Pig iron fob Ponta da Maderia	390-395*	0%		09 Feb 18
Rotterdam export				US imports \$/tonne cfr Gulf of Mexico	200 400*	00/		00.5-1.40
MB assessment \$/tonnne fob Rotterdam				Pig iron	390-400*	0%		09 Feb 18
MB index fob Rotterdam HMS 1&2				CIS exports \$/tonne fob main port				
(80:20)	318.35*	-1.15%	7 09 Feb 18	Pig iron Baltic Sea	385-390*	-2.52%	_	08 Feb 18
HMS 1&2 (70:30 mix)	317-319*	1.76%	09 Feb 18	Pig iron Black Sea	350-375*	0%		08 Feb 18
Shredded	327-329*	1.71%	▲ 09 Feb 18	China domestic yuan/tonne delivered w				
Turkish import				Pig iron	3,000-3,050*	0%		09 Feb 18
MB assessment \$/tonne cfr main Turkish po.	rts							
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	340.40*	1.07%	▲ 09 Feb 18					
MB index cfr Turkey HMS 1&2 (80:20)								
(United States material)	348.70*		09 Feb 18					
HMS 1&2 (75:25 mix)	336-338*	1.66%	▲ 09 Feb 18					
Shredded	347-355*	0.29%	▲ 09 Feb 18					

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NON-FERROUS SCRAP EUROPE				STEELBENCHMARKER™ SCRAP PRI				
	Price	Change [†]	Assessed		Price	Change [†]		Assess
Aluminium				Region: USA, east of the Mississippi				
European free market MB assessment €/to	onne			Shredded scrap (\$/metric tonne) **	339	0%		22 Jan
Floated frag	1,300-1,330*	0%	02 Feb 18	Shredded scrap (\$/gross ton)**	345	0%		22 Jan
Cast	1,200-1,270*	0%	02 Feb 18	- tonno)	305	0%		22 Jan
Mixed turnings 6%	1,130-1,175*	0%	02 Feb 18		305	0%		ZZ Jäll
Germany per 1000kg				No 1 heavy melting scrap (\$/gross ton)	310	0%		22 Jan
Pure cuttings	1,380-1,460		▼ 07 Feb 18	No 1 busheling scrap (\$/metric				
Commercial cast	1,210-1,340		▼ 07 Feb 18		379	0%		22 Jan
H9 extrusions	1,730-1,810		▼ 07 Feb 18	_ No i busilelling scrap (\$\phi/gross toll)	385	0%		22 Jan
Alloy turnings	1,060-1,150	-0.45%	▼ 07 Feb 18	**For shredded scrap the region is for all b	ut the West Coast			
Source: VDM								
France per 1000kg				UK NON-FERROUS SCRAP				
Pure cuttings	1,600-1,620		▼ 06 Feb 18	_	Price	Change [†]		Assess
Old rolled	800-835		▲ 06 Feb 18	– Aluminium - actual price				
Commercial cast	1,000-1,020	0%	06 Feb 18	£ per tonne				
Source: Lettre d'Information Metaux				Group 1 pure 99% & Litho	1,420-1,470*	0%		07 Feb
taly per 1000kg				Commercial pure cuttings	1,180-1,230*	0%		07 Feb
Pure cuttings	1,120-1,220		▼ 02 Feb 18	- Clean HE9 extrusions	1,410-1,460*	0%		07 Feb
Old mixed scrap	1,515-1,585		▼ 02 Feb 18	Loose old rolled cuttings	880-920*	0%		07 Feb
Commercial cast	1,030-1,080	-0.94%	▼ 02 Feb 18	- Baled old rolled	950-980*	0%		07 Feb
Source: Assomet				Commercial cast	1,030-1,080*	0%		07 Feb
Copper				Cast wheels	1,270-1,300*	0%		07 Feb
Germany per 1000kg				Commercial turnings	700-750*	0%		07 Feb
Copper wire (berry)	5,400-5,580	-0.36%	▼ 07 Feb 18	·	615-650*	0%		07 Feb
Heavy copper	4,850-5,000	-0.3%	▼ 07 Feb 18					
Heavy brass	3,440-3,500	-0.29%	▼ 07 Feb 18					
Brass turnings (MS 58)	3,890-4,010	-0.25%	▼ 07 Feb 18	Group 1 pure 99% & Litho	100-150*	-6.02%	•	07 Feb
Brass sheet (MS 63)	4,070-4,200	-0.24%	▼ 07 Feb 18	Commercial pure cuttings	340-390*	-2.14%	Ť	07 Feb
Source: Verein Deutscher Metallhandler				Clean HE9 extrusions	110-160*	-5.59%	<u> </u>	07 Feb
France per 1000kg				Loose old rolled cuttings	445-485*	-3.33%	Ť	07 Feb
Electro cuttings	5,000-5,050	0%	06 Feb 18		385-415*	-3.85%	Ť	07 Feb
No 1 bright wire	4,650-4,700	0%	06 Feb 18		285-335*	-4.91%	Ť	07 Feb
Mixed (96%)	4,600-4,660	0.11%	▲ 06 Feb 18		65-95*	-16.67%	Ť	07 Feb
Brass plate cuttings 70/30	3,850-3,950	1.96%	▲ 06 Feb 18		615-665*	-2.44%	Ť	07 Feb
Brass turnings	3,330-3,350	0%	06 Feb 18		715-750*	-2.14%	<u> </u>	07 Feb
Mixed brass	3,200-3,300	0.31%	▲ 06 Feb 18		713-730	-2.14/0	<u> </u>	07 160
Source: Lettre d'Information Metaux								
Italy per 1000kg				\$/lb cif				
Electrolytic dd EN 12861-S-Cu-2	5,342-5,502	-0.46%	▼ 02 Feb 18	 Turnings, unprocessed type 90/6/4 (0.5% Sn max) 	0.95-1*	-9.3%	▼	07 Feb
Enamelled wire EN 12861-S-Cu-3	5,220-5,382	-0.47%	▼ 02 Feb 18		0.00 1	0.070		07.100
New from tubes, strips etc EN				0.5% max 2% Sn)	0.80-0.90*	-8.11%	▼	07 Feb
12861-S-Cu-4	5,244-5,472	-0.46%	▼ 02 Feb 18	Copper scrap discount				
Old from tubes, strips etc		0.400		cents/lh				
12861-S-Cu-7	5,072-5,242		▼ 02 Feb 18	No 2 conner (hirch/cliff) imported				
ENIADON O O 7 4 * 0 00 E01	4,395-4,480	-0.34%	▼ 02 Feb 18	into China 94-96% cif China	29-31*	-7.69%	▼	29 Jan
EN12861-S-Cu-Zn-1-A-Cu 63.5%		0.40/	▼ 02 Feb 18					
Mixed from valves/taps EN	3,595-3 925	-() 4%						
	3,595-3,925 3,652-3,730		▼ 02 Feb 18	_				

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NON-FERROUS FOUNDRY INGOTS			
	Price	Change [†]	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,620-1,670*	0%	07 Feb 18
LM6/LM25 gravity diecasting ingot	1,820-1,860*	0%	07 Feb 18
NB: prices expressed delivered consumer w	orks, LM series as	specified in BS1	490
Aluminium Europe			
MB free market			
Duty paid delivered works pressure			
diecasting ingot price (DIN226/A380)	1 000 1 000*	0.540/	A 00 F-1-40
- €/tonne	1,830-1,880*	0.54%	▲ 02 Feb 18
Aluminum US \$/lb delivered Midwest			
A380.1 alloy	0.98-0.99*	0%	08 Feb 18
AFFIMET €/tonne			
AS12	3,789	1.34%	▲ 01 Feb 18
AS12 UN	2,985	2.23%	▲ 01 Feb 18
AS9U3	2,360	2.83%	▲ 01 Feb 18
AS5 U3	2,710	2.46%	▲ 01 Feb 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,440-2,540	0%	07 Feb 18
DIN 231	2,520-2,620	0%	07 Feb 18
DIN 311	2,500-2,600	0%	07 Feb 18
Aluminium bronze £/tonne UK			
AB1 ex-works	5,000	0%	06 Feb 18
AB2 ex-works	5,050	0%	06 Feb 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,090	0%	06 Feb 18
High tensile HTB1 ex-works	4,390	0%	06 Feb 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,770	0%	06 Feb 18
LG4 87/7/3/3 ex-works	5,450	1.49%	▲ 06 Feb 18
G1 1.15 PB ex-works	6,080	0%	06 Feb 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	6,650	1.53%	▲ 06 Feb 18
Source: C.F. Booth Ltd	-,		
Phosphor copper £/tonne			
10% P ex-works	6,250	0.81%	▲ 06 Feb 18
15% P ex-works	6,300	0.8%	▲ 06 Feb 18
Source: C.F. Booth Ltd	2,000	3.370	
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (delivere	ed IIK)		
Brock Metal ZL3	3,104	1.37%	▲ 01 Feb 18
Brock Metal ZL5	3,130		▲ 01 Feb 18
5.55% WORLD ZEO	5,100	1.20/0	_ 0110010



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Monthly averages: January

BASE METALS			
		Low	High
Aluminium			
	0A, in-warehouse Rotterdam npaid, spot \$/tonne	94.73	101.73
Aluminium P102 duty paid, spot \$/	0A, in-warehouse Rotterdam tonne	159.11	167.56
Alumina			
Index fob Austral	ia	386.42	
Copper			
US High-grade ca		116.84	127.87
Nickel			
Free market in wa	rehouse premium		
Europe \$/tonne	Uncut cathodes	216	266
	4x4 cathodes	341	416
	Briquettes	274	312
US	Melting \$/lb	0.25	0.35
Tin			
European free ma	arket		
Spot Premium 99	9.9%, \$/tonne	304	336
Spot premium 99	0.85%, \$/tonne	250	300
Kuala Lumpur (ex	x-smelter), \$/tonne	20,410	

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

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

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

PRECIOUS METALS			
Gold			
London \$/troy oz	Morning	1,332.81	
	Afternoon	1,331.67	
London £/troy oz	Morning	965.16	
	Afternoon	963.65	
\$/troy oz	Handy/Harman	1,331.30	
Palladium			
Morning \$/troy oz		1,095.27	
Afternoon \$/troy oz		1,094.45	
Platinum: per troy oz			
Morning \$/troy oz		987.77	
Afternoon \$/troy oz		990.66	
Rhodium			
European free market			
min 99.9% in-warehouse, \$/troy	0Z	1,659.32	1,759.32
Silver			
London			
spot pence/troy oz		1,243.45	
spot cents/troy oz		1,716.84	
Handy/Harman cents/troy oz		1,712.71	

†week-on-week change

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FOUNDRY INGOTS				
	Low	High		
Aluminium				
LM24, £/tonne	1,614	1,664		
LM6/LM25, £/tonne	1,807	1,857		
Aluminium Europe €/tonne	1,800	1,850		
Phosphor Bronze				
PB1 ex-works, £/tonne	6,654			
Zinc Alloy				
ZL3, £/tonne	3,062			

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

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 $\label{thm:continuous} \mbox{Metal Bulletin monthly average prices are calculated on those price quotations formulated during the month.}$

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High, low and average January (22 days)
LME averages are mean of buyers and sellers except for settlement and 3 months sellers.

settlement and 3 months sellers.			
	Jan 2018		January
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	2,143.25	2,255.75	2,214.09
3 months	2,161.75	2,267.5	2,221.28
Settlement	2,143.5	2,256	2,214.5
3 months seller	2,162	2,268	2,221.68
Copper Grade A (\$)			
Cash	6,904.75	7,202.25	7,079.88
3 months	6,948.5	7,250.5	7,122.13
Settlement	6,905	7,202.5	7,080.30
3 months seller	6,949	7,251	7,122.77
Copper Grade A (£)			
Settlement	4,906.37	5,316.28	5,128.39
3 months seller	4,920.77	5,335.54	5,142.33
Lead (\$)			
Cash	2,535.5	2,642	2,589.08
3 months	2,529	2,642	2,586.51
Settlement	2,536	2,643	2,589.77
3 months seller	2,530	2,643	2,587.34
Lead (£)			
Settlement	1,828.14	1,928.42	1,875.42
3 months seller	1,821.87	1,915.31	1,867.49
Nickel (\$)			
Cash	12,410	13,885	12,876.02
3 months	12,465	13,885	12,912.39
Settlement	12,415	13,890	12,880.23
3 months seller	12,470	13,890	12,917.5
Tin (\$)			
Cash	19,957.5	22,102.5	20,703.30
3 months	19,912.5	21,907.5	20,593.07
Settlement	19,960	22,105	20,710.68
3 months seller	19,925	21,910	20,602.27

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	Jan 2018		January
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	3,350.25	3,609.25	3,446.75
3 months	3,330.5	3,550.25	3,412.28
Settlement	3,350.5	3,609.5	3,447.20
3 months seller	3,331	3,550.5	3,412.80
Cobalt (\$)			
Cash	75,250	80,250	77,500
3 months	75,250	80,250	77,590.91
Settlement	75,500	80,500	77,750
3 months seller	75,500	80,500	77,840.91
Molybdenum (\$)			
Cash	15,750	15,750	15,750
3 months	15,750	15,750	15,750
Settlement	16,000	16,000	16,000
3 months seller	16,000	16,000	16,000
Aluminium Alloy (\$)			
Cash	1,770	1,955	1,818.41
3 months	1,785	1,970	1,832.05
Settlement	1,775	1,960	1,823.41
3 months seller	1,790	1,975	1,837.05
Nasaa (\$)			
Cash	1,850.25	1,915	1,877.28
3 months	1,870	1,937.5	1,902.20
Settlement	1,850.5	1,920	1,879.20
3 months seller	1,875	1,940	1,905.59

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