7 May 2018   Metal Bulletin Daily   Number 9	9559.1
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<b>Prices</b>	

**NEW YORK FUTURES** 

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

	Price	Change <sup>†</sup>	Assessed
Comex: Copper high grade cents/lb			
Settlement	305.90	-1.73%	▼ 03 May 18
Open interest	242,878	1.2%	▲ 02 May 18
Stocks (short ton)	251,511	1.21%	▲ 02 May 18
Comex: Gold \$/troy oz			
Settlement	1,310.70	-0.43%	▼ 03 May 18
Open interest	501,065	-1.13%	▼ 02 May 18
Stocks (troy oz)	9,049,523	0%	02 May 18
Nymex: Palladium \$/troy oz			
Settlement	958.70	-2.08%	▼ 03 May 18
Stocks (troy oz)	41,313	0%	02 May 18
Nymex: Platinum \$/troy oz			
Settlement	904	0%	03 May 18
Stocks (troy oz)	185,478	-0.05%	▼ 02 May 18
Comex: Silver cents/troy oz			
Settlement	1,636.20	-0.76%	▼ 03 May 18
Open interest	193,395	-1.6%	▼ 02 May 18
SHANGHAI FUTURES			
SHANGHAIFUTURES			
	Price	Change <sup>†</sup>	Assessed
Aluminium yuan/tonne	14,515	0.8%	▲ 04 May 18
Copper yuan/tonne	51,070	-0.58%	▼ 04 May 18
Nickel cathode yuan/tonne	103,350	-1.07%	▼ 04 May 18
Tin ingot yuan/tonne	145,480	0.22%	▲ 04 May 18
Zinc yuan/tonne	23,395	-2.52%	▼ 04 May 18
Steel rebar month 1 yuan/tonne	4,040	2.59%	▲ 04 May 18
Steel rebar month 2 yuan/tonne	4,056	3.89%	▲ 04 May 18
Steel rebar month 3 yuan/tonne	3,898	3.31%	▲ 04 May 18
Weekly stocks deliverable	000 005	0.540/	_ 0414 40
Aluminium (tonnes)	986,205	-0.54%	▼ 04 May 18
Copper (tonnes)	264,685	5.99%	▲ 04 May 18
Nickel cathode (tonnes)	39,334	-2.03%	▼ 04 May 18
Tin ingot (tonnes)	6,413	16.92%	▲ 04 May 18
Zinc (tonnes)	106,412	-1.15%	▼ 04 May 18
Steel rebar (tonnes)	9,177	0%	04 May 18

	LAN	

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

	Price	Change <sup>†</sup>	Assessed
Aluminium high grade \$			
Cash official	2,315-2,316	2.98%	▲ 04 May 18
Cash unofficial	2,323.5-2,325.5	1.88%	▲ 03 May 18
3 months official	2,306-2,307	2.63%	▲ 04 May 18
3 months unofficial	2,317-2,319	1.98%	▲ 03 May 18
LME Tapo notional average price (NAP)	2,292	1.98%	▲ 03 May 18
LME stocks (tonnes)	1,310,650	-2.91%	▼ 03 May 18
Aluminium alloy (A380.1/DIN/D12S) \$			
LME cash official	1,880-1,890	-1.82%	▼ 04 May 18
LME cash unofficial	1,916-1,926	-0.44%	▼ 03 May 18
LME 3 months official	1,890-1,900	-1.81%	▼ 04 May 18
LME 3 months unofficial	1,925-1,935	-0.52%	▼ 03 May 18
LME stocks (tonnes)	11,920	0%	03 May 18

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	Price	Change	Assessed			
N. American special aluminium alloy						
LME cash official	1,855-1,860	-3% ▼	04 May 18			
LME cash unofficial	1,882-1,892	-0.63% ▼	03 May 18			
LME 3 months official	1,895-1,905	-2.31% <b>▼</b>	04 May 18			
LME 3 months unofficial	1,920-1,930	-0.26% ▼	03 May 18			
LME stocks (tonnes)	172,500	-0.6% ▼	03 May 18			
Copper grade A \$	,					
LME cash official	6,782-6,783	-0.21% ▼	04 May 18			
LME cash unofficial	6,819.5-6,821.5	-1.74% ▼	03 May 18			
LME 3 months official	6,818-6,819	-0.31% ▼	04 May 18			
LME 3 months unofficial	6,853-6,855	-1.78% ▼	03 May 18			
LME Tapo notional average price						
(NAP)	6,799.83	-0.64% ▼	03 May 18			
LME stocks (tonnes)	311,375	-7.8% ▼	03 May 18			
Lead \$						
LME cash official	2,272-2,274	-2.68% ▼	04 May 18			
LME cash unofficial	2,275-2,277	-2.09% ▼	03 May 18			
LME 3 months official	2,272-2,274	-2.63% ▼	04 May 18			
LME 3 months unofficial	2,275-2,277	-2.23% ▼	03 May 18			
LME stocks (tonnes)	131,600	1.09%	03 May 18			
Nickel\$						
LME cash official	13,830-13,835	-1.02% ▼	04 May 18			
LME cash unofficial	13,895-13,905	-1.73% ▼	03 May 18			
LME 3 months official	13,875-13,890	-0.8% ▼	04 May 18			
LME 3 months unofficial	13,940-13,950	-1.83% ▼	03 May 18			
LME stocks (tonnes)	314,862	2.34%	03 May 18			
Tin\$						
LME cash official	21,350-21,375	-0.15% ▼	04 May 18			
LME cash unofficial	21,330-21,380	-0.9% ▼	03 May 18			
LME 3 months official	21,225-21,230	0.24%	04 May 18			
LME 3 months unofficial	21,200-21,250	-0.7% ▼	03 May 18			
LME stocks (tonnes)	2,200	-2.22% ▼	03 May 18			
Zinc special high grade \$						
LME cash official	2,967-2,968	-4.89% ▼	04 May 18			
LME cash unofficial	3,008.5-3,010.5	-3.94% ▼	03 May 18			
LME 3 months official	2,975-2,977	-4.66% ▼	04 May 18			
LME 3 months unofficial	3,024-3,026	-3.6% ▼	03 May 18			
LME stocks (tonnes)	236,475	-0.56% ▼	03 May 18			
Cobalt min 99.3%						
LME cash official	88,500-89,000	0.28%	04 May 18			
LME 3 months official	88,500-89,000	0%	04 May 18			
LME stocks (tonnes)	586	-0.17% ▼	03 May 18			
Molybdenum \$						
LME cash official	24,000-26,000	0%	04 May 18			
LME 3 months official	24,000-26,000	0%	04 May 18			
LME stocks (tonnes)	0	0%	03 May 18			

† week-on-week change

continued >

Price .313.30 .315.05	-0.65% -0.43% -0.43% -0.43% -0.66% -0.32% -0.41% -0.88% -1.1% -0.47% -0.12% -49.47% -0.86% -0.365% -0.36% -0.72% -0.87% -0.72% -0.87% -0.72% -0.87% -0.72% -0.88% -0.72% -0.88% -0.72% -0.88% -0.72% -0.88% -0.72% -0.88% -0.72% -0.88% -0.72% -0.88% -0.72% -0.88% -0.72% -0.88% -0.72% -0.88%	V V V V V V V V V V V V V V V V V V V	03 May 18 03 May 18 03 May 18 03 May 18 04 May 18 05 May 18 07 May 18 08 May 18 08 May 18 09 May 18 09 May 18 09 May 18	MB BASE METAL PREMIUMS  All prices \$/tonne unless otherwise stated *MB Copyright  Copper  Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne  Rotterdam, Grade A, cathode, cif, \$/tonne  North European warrants, Grade A cathode, in-warehouse, \$/tonne  Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  Aluminium  Aluminium  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Rotterdam duty unpaid, spot weighted	Price  160-190*  43.0-50.0*  5.0-15.0*  62.0-67.0*  65*  67.5-72.5*  70*  5.0-15.0*  70.0-84.0*  78*  121.3-132.3*  150.0-160.0*	Change <sup>†</sup> -12.5%  0%  0%  3.2%  3.17%  0%  0%  -1.27%  -1.32%  0%  -1.59%	<b>V A A V V V</b>	03 May 17 01 May 18 04 May 18
315.05 315.05 315.05 212 646.5 643.90 74 71 01 02 1,150 1,375 8 8 8 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.43% -0.43% -0.43% -0.43% -0.66% -0.32% -0.41% -0.88% -1.1% -0.47% -0.12% -49.47% -0.12% -49.47% -0.86% -0.66% -0.72% -0.72% -0.72% -0.72% -0.72% -0.72% -0.72% -0.72%	V V V V V V V V V V V V V V V V V V V	03 May 18 04 May 18 04 May 18 04 May 18 04 May 18 05 May 18 06 May 18 07 May 18 08 May 18 09 May 18	*MB Copyright  Copper  Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne  Rotterdam, Grade A, cathode, cif, \$/tonne  North European warrants, Grade A cathode, in-warehouse, \$/tonne  Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne  Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	160-190*  43.0-50.0*  5.0-15.0*  62.0-67.0*  65*  67.5-72.5*  70*  5.0-15.0*  78*  68.0-82.0*  75*  121.3-132.3*	-12.5%  0%  0%  3.2%  3.17%  0%  0%  0%  -1.27%  -1.32%  0%	<b>*</b> * * * * * * * * * * * * * * * * * *	03 May 17 01 May 18 04 May 18
315.05 315.05 315.05 212 646.5 643.90 74 71 01 02 1,150 1,375 8 8 8 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.43% -0.43% -0.43% -0.43% -0.66% -0.32% -0.41% -0.88% -1.1% -0.47% -0.12% -49.47% -0.12% -49.47% -0.86% -0.66% -0.72% -0.72% -0.72% -0.72% -0.72% -0.72% -0.72% -0.72%	V V V V V V V V V V V V V V V V V V V	03 May 18 04 May 18 04 May 18 04 May 18 04 May 18 05 May 18 06 May 18 07 May 18 08 May 18 09 May 18	*MB Copyright  Copper  Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne  Rotterdam, Grade A, cathode, cif, \$/tonne  North European warrants, Grade A cathode, in-warehouse, \$/tonne  Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne  Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	160-190*  43.0-50.0*  5.0-15.0*  62.0-67.0*  65*  67.5-72.5*  70*  5.0-15.0*  78*  68.0-82.0*  75*  121.3-132.3*	-12.5%  0%  0%  3.2%  3.17%  0%  0%  0%  -1.27%  -1.32%  0%	<b>*</b> * * * * * * * * * * * * * * * * * *	03 May 13 01 May 18 01 May 18 01 May 18 01 May 18 01 May 18 01 May 18 04 May 18 04 May 18 04 May 18 04 May 18
315.05  212  646.5  643.90  74  71  01  02  1,150  1,375  8  8  8  8  8  8  8  7  7  7  7  8  8	-0.43%  2.11% -0.66% -0.32%  0.52% -0.41%  -0.88% -1.1% -0.47%  -0.47%  -0.42%  Change†  0.86% 0.63% -0.72% 1.22%	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	03 May 18 04 May 18 04 May 18 04 May 18 04 May 18 05 May 18 06 May 18 07 May 18 08 May 18 09 May 18	Copper  Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne  Rotterdam, Grade A, cathode, cif, \$/tonne  North European warrants, Grade A cathode, in-warehouse, \$/tonne  Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne  Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  South korea, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	160-190*  43.0-50.0*  5.0-15.0*  62.0-67.0*  65*  67.5-72.5*  70*  5.0-15.0*  78*  68.0-82.0*  75*  121.3-132.3*	-12.5%  0%  0%  3.2%  3.17%  0%  0%  0%  -1.27%  -1.32%  0%	<b>*</b> * * * * * * * * * * * * * * * * * *	03 May 13 01 May 18 01 May 18 01 May 18 01 May 18 01 May 18 01 May 18 04 May 18 04 May 18 04 May 18 04 May 18
212 646.5 643.90 74 71 01 02 1,150 1,375 8 xchange trade Price 8,805.88 8,273.01 76,766.20 70,489.58	2.11% -0.66% -0.32%  0.52% -0.41%  -0.88% -1.1% -0.47%  -0.12% -49.47%  Change* 0.86% 3.65% 0.63% -0.72% 1.22%	A	03 May 18 04 May 18 04 May 18 04 May 18 04 May 18 05 May 18 06 May 18 07 May 18 08 May 18 09 May 18	Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne Rotterdam, Grade A, cathode, cif, \$/tonne North European warrants, Grade A cathode, in-warehouse, \$/tonne Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne South Korea, copper average premium, Grade A, cathode, cif, \$/tonne Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	160-190*  43.0-50.0*  5.0-15.0*  62.0-67.0*  65*  67.5-72.5*  70*  5.0-15.0*  78*  68.0-82.0*  75*  121.3-132.3*	-12.5%  0%  0%  3.2%  3.17%  0%  0%  0%  -1.27%  -1.32%  0%	<b>*</b> * * * * * * * * * * * * * * * * * *	03 May 12 01 May 13 01 May 13 01 May 13 01 May 13 01 May 13 04 May 13 04 May 13 04 May 13 04 May 13 04 May 13
.646.5 .643.90 .74 .71 .01 .02 .1,150 .1,375 .8 .xchange trade .6,417.63 .8,426.69 .8,426.69 .8,805.88 .8,273.01 .76,766.20 .70,489.58	-0.66% -0.32% -0.41% -0.88% -1.1% -0.47% -0.12% -49.47%  **Change** 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  **Change**	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	03 May 18 04 May 18 05 May 18 07 May 18 08 May 18 09 May 18	Annual premium 8mm wire rod, cif Nhava Sheva, \$/tonne Rotterdam, Grade A, cathode, cif, \$/tonne North European warrants, Grade A cathode, in-warehouse, \$/tonne Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne South Korea, copper average premium, Grade A, cathode, cif, \$/tonne Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	43.0-50.0* 5.0-15.0* 62.0-67.0* 65* 67.5-72.5* 70* 5.0-15.0* 78.4 68.0-82.0* 75* 121.3-132.3*	0% 0% 3.2% 3.17% 0% 0% 0% -1.27% -1.32% 0%	<b>*</b> * * * * * * * * * * * * * * * * * *	01 May 1: 01 May 1: 01 May 1: 01 May 1: 01 May 1: 01 May 1: 04 May 1: 04 May 1: 04 May 1: 04 May 1: 04 May 1:
.646.5 .643.90 .74 .71 .01 .02 .1,150 .1,375 .8 .xchange trade .6,417.63 .8,426.69 .8,426.69 .8,805.88 .8,273.01 .76,766.20 .70,489.58	-0.66% -0.32% -0.41% -0.88% -1.1% -0.47% -0.12% -49.47%  **Change** 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  **Change**	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	03 May 18 04 May 18 05 May 18 07 May 18 08 May 18 09 May 18	Nhava Sheva, \$/tonne Rotterdam, Grade A, cathode, cif, \$/tonne North European warrants, Grade A cathode, in-warehouse, \$/tonne Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne South Korea, copper average premium, Grade A, cathode, cif, \$/tonne South Korea, copper average premium, Grade A, cathode, cif, \$/tonne Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne MB free market US: High-grade cathode premium indicator, \$/tonne Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	43.0-50.0* 5.0-15.0* 62.0-67.0* 65* 67.5-72.5* 70* 5.0-15.0* 78.4 68.0-82.0* 75* 121.3-132.3*	0% 0% 3.2% 3.17% 0% 0% 0% -1.27% -1.32% 0%	<b>*</b> * * * * * * * * * * * * * * * * * *	01 May 1: 01 May 1: 01 May 1: 01 May 1: 01 May 1: 01 May 1: 04 May 1: 04 May 1: 04 May 1: 04 May 1: 04 May 1:
643.90  74  71  01  02  1,150  1,375  8  **Change trade 6,417.63 8,426.69 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.32%  0.52% -0.41%  -0.88% -1.1%  -0.47%  -0.12% -49.47%   **Change** 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  **Change**	V V V V A A A A A A	03 May 18 04 May 18 05 May 18 07 May 18 08 May 18 09 May 18	\$/tonne  North European warrants, Grade A cathode, in-warehouse, \$/tonne  Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne  Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse  Rotterdam duty unpaid, spot weighted	5.0-15.0* 62.0-67.0* 65* 67.5-72.5* 70* 5.0-15.0* 70.0-84.0* 75* 121.3-132.3*	0% 3.2% 3.17% 0% 0% 0% -1.27% -1.32% 0%	* * * * * * * * * * * * * * * * * * *	01 May 13 01 May 13 01 May 13 01 May 13 01 May 13 04 May 13 04 May 13 04 May 13 04 May 13
74 771 001 002 11,150 11,375 8  ***xchange trade **Price** 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58  **Price**	0.52% -0.41% -0.88% -1.1% -0.47% -0.12% -49.47%  **Change** 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  **Change**	* * * * * * * * * * * * * * * * * * *	03 May 18 03 May 18 03 May 18 03 May 18 04 May 18 05 May 18 07 May 18 08 May 18 09 May 18	North European warrants, Grade A cathode, in-warehouse, \$/tonne  Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne  Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$/er tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse  Rotterdam duty unpaid, spot weighted	5.0-15.0* 62.0-67.0* 65* 67.5-72.5* 70* 5.0-15.0* 70.0-84.0* 75* 121.3-132.3*	0% 3.2% 3.17% 0% 0% 0% -1.27% -1.32% 0%	* * * * * * * * * * * * * * * * * * *	01 May 13 01 May 13 01 May 13 01 May 13 01 May 13 04 May 13 04 May 13 04 May 13 04 May 13
71 01 02 1,150 1,375 8  xchange trade Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.41% -0.88% -1.1% -0.47% -0.12% -49.47%  **Change** 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  **Change**	V V V V A A A A V A	03 May 18 03 May 18 03 May 18 04 May 18 03 May 18	cathode, in-warehouse, \$/tonne  Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne  Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	62.0-67.0* 65* 67.5-72.5* 70* 5.0-15.0* 70.0-84.0* 78* 68.0-82.0* 75* 121.3-132.3*	3.2% 3.17% 0% 0% 0% -1.27% -1.32% 0%	* * * * * * * * * * * * * * * * * * *	01 May 18 01 May 18 01 May 18 01 May 18 04 May 18 04 May 18 04 May 18
71 01 02 1,150 1,375 8  xchange trade Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.41% -0.88% -1.1% -0.47% -0.12% -49.47%  **Change** 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  **Change**	V V V V A A A A V A	03 May 18 03 May 18 03 May 18 04 May 18 03 May 18	Leghorn, copper low-high premium, Grade A, cathode, cif, \$/tonne  Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	62.0-67.0* 65* 67.5-72.5* 70* 5.0-15.0* 70.0-84.0* 78* 68.0-82.0* 75* 121.3-132.3*	3.2% 3.17% 0% 0% 0% -1.27% -1.32% 0%	* * * * * * * * * * * * * * * * * * *	01 May 18 01 May 18 01 May 18 01 May 18 04 May 18 04 May 18 04 May 18
01 02 1,150 1,375 8 xchange trade Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.88% -1.1% -0.47% -0.12% -49.47%  **Change** 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  **Change**	V V V V A A A A V A	03 May 18 03 May 18 04 May 18 04 May 18 04 May 18 04 May 18 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Grade A, cathode, cif, \$/tonne  Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	65* 67.5-72.5* 70* 5.0-15.0* 70.0-84.0* 78* 68.0-82.0* 75* 121.3-132.3*	3.17% 0% 0% 0% 0% -1.27% -1.32% 0%	* * * * * * * * * * * * * * * * * * *	01 May 18 01 May 18 01 May 18 01 May 18 04 May 18 04 May 18 04 May 18
1,150 1,375 8 **Change trade Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-1.1% -0.47% -0.12% -49.47%  Change* 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%	* * * * * * * * * * * * * * * * * * *	03 May 18 04 May 18 04 May 18 04 May 18 04 May 18 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Leghorn, copper average premium, Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	65* 67.5-72.5* 70* 5.0-15.0* 70.0-84.0* 78* 68.0-82.0* 75* 121.3-132.3*	3.17% 0% 0% 0% 0% -1.27% -1.32% 0%	* * * * * * * * * * * * * * * * * * *	01 May 18 01 May 18 01 May 18 01 May 18 04 May 18 04 May 18 04 May 18
1,150 1,375 8 **Change trade Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-1.1% -0.47% -0.12% -49.47%  Change* 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%	* * * * * * * * * * * * * * * * * * *	03 May 18 04 May 18 04 May 18 04 May 18 04 May 18 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Grade A, cathode, cif, \$/tonne  South Korea, copper low-high premium, Grade A, cathode, cif, \$/tonne  South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse  Rotterdam duty unpaid, spot weighted	67.5-72.5*  70*  5.0-15.0*  70.0-84.0*  78*  68.0-82.0*  75*  121.3-132.3*	0% 0% 0% 0% -1.27% -1.32% -1.32%	<b>v v v</b>	01 May 18 01 May 18 01 May 18 04 May 18 04 May 18 04 May 18
1,150 1,375 8 Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.47%  -0.12%  -49.47%  Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%	* * * * * * * * * * * * * * * * * * *	04 May 18 04 May 18 04 May 18 04 May 18 Assessed 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	premium, Grade A, cathode, cif, \$/tonne South Korea, copper average premium, Grade A, cathode, cif, \$/tonne Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne MB free market US: High-grade cathode premium indicator, \$/tonne Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	70* 5.0-15.0* 70.0-84.0* 78* 68.0-82.0* 75* 121.3-132.3*	0% 0% 0% -1.27% -1.32% -1.32%	▼	01 May 18 01 May 18 04 May 18 04 May 18 04 May 18 04 May 18
1,375 8 Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.12% -49.47%  Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%	<b>*</b>	04 May 18 04 May 18 Assessed 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	South Korea, copper average premium, Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	70* 5.0-15.0* 70.0-84.0* 78* 68.0-82.0* 75* 121.3-132.3*	0% 0% 0% -1.27% -1.32% -1.32%	▼	01 May 18 01 May 18 04 May 18 04 May 18 04 May 18 04 May 18
1,375 8 Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-0.12% -49.47%  Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%	<b>*</b>	04 May 18 04 May 18 Assessed 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Grade A, cathode, cif, \$/tonne  Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne  Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne  Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	5.0-15.0*  70.0-84.0*  78*  68.0-82.0*  75*  121.3-132.3*	0% 0% -1.27% -1.32% -1.32%	▼	01 May 18 04 May 18 04 May 18 04 May 18 04 May 18
8 xchange trade Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-49.47%  Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  Change <sup>†</sup>	<b>A A V</b>	04 May 18  Assessed 03 May 18	Southeast Asian warrants, Grade A cathode, in-warehouse, \$ per tonne Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne MB free market US: High-grade cathode premium indicator, \$/tonne Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	5.0-15.0*  70.0-84.0*  78*  68.0-82.0*  75*  121.3-132.3*	0% 0% -1.27% -1.32% -1.32%	▼	01 May 18 04 May 18 04 May 18 04 May 18 04 May 18
8 xchange trade Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	-49.47%  Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  Change <sup>†</sup>	<b>A A V</b>	04 May 18  Assessed 03 May 18	cathode, in-warehouse, \$ per tonne Shanghai, copper low-high premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	70.0-84.0*  78*  68.0-82.0*  75*  121.3-132.3*  150.0-160.0*	0% -1.27% -1.32% -1.32% 0%	▼	04 May 18 04 May 18 04 May 18 04 May 18
xchange trade Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  Change <sup>†</sup>	<b>A A V</b>	Assessed 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	78* 68.0-82.0* 75* 121.3-132.3* 150.0-160.0*	-1.27% -1.32% -1.32% 0%	▼	04 May 18 04 May 18 04 May 18
Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  Change <sup>†</sup>	<b>▲ ▼</b>	03 May 18 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Shanghai, copper average premium, Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne MB free market US: High-grade cathode premium indicator, \$/tonne Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	78* 68.0-82.0* 75* 121.3-132.3* 150.0-160.0*	-1.27% -1.32% -1.32% 0%	▼	04 May 18 04 May 18 04 May 18
Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  Change <sup>†</sup>	<b>▲ ▼</b>	03 May 18 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Grade A, cathode, in-warehouse, \$/tonne Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne MB free market US: High-grade cathode premium indicator, \$/tonne Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	68.0-82.0* 75* 121.3-132.3* 150.0-160.0*	-1.32% -1.32% 0%	▼	04 May 18 04 May 18
Price 6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	Change <sup>†</sup> 0.86% 3.65% 0.63% -0.72% 1.87% 1.22%  Change <sup>†</sup>	<b>▲ ▼</b>	03 May 18 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Shanghai, copper low-high premium, Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	68.0-82.0* 75* 121.3-132.3* 150.0-160.0*	-1.32% -1.32% 0%	▼	04 May 18 04 May 18
6,417.63 8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	0.86% 3.65% 0.63% -0.72% 1.87% 1.22%	<b>▲ ▼</b>	03 May 18 03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Grade A, cathode, cif, \$/tonne  Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	75* 121.3-132.3* 150.0-160.0*	-1.32% 0%	▼	04 May 18
8,426.69 8,805.88 8,273.01 76,766.20 70,489.58	3.65% 0.63% -0.72% 1.87% 1.22%	<b>▲ ▼</b>	03 May 18 03 May 18 03 May 18 03 May 18 03 May 18	Shanghai, copper average premium, Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	75* 121.3-132.3* 150.0-160.0*	-1.32% 0%	▼	04 May 18
8,805.88 8,273.01 76,766.20 70,489.58	0.63% -0.72% 1.87% 1.22%	<b>▲</b> ▼	03 May 18 03 May 18 03 May 18 03 May 18	Grade A, cathode, cif, \$/tonne  MB free market US: High-grade cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	121.3-132.3* 150.0-160.0*	0%		01 May 18
8,273.01 76,766.20 70,489.58 <b>Price</b>	-0.72% 1.87% 1.22%	<b>V</b>	03 May 18 03 May 18 03 May 18	cathode premium indicator, \$/tonne  Aluminium  Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	150.0-160.0*		•	
76,766.20 70,489.58 <b>Price</b>	1.87% 1.22% Change <sup>†</sup>	<b>A</b>	03 May 18 03 May 18	Aluminium Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted	150.0-160.0*		•	
70,489.58 Price	1.22%  Change <sup>f</sup>		03 May 18	Aluminium P1020A, in-whs Rotterdam duty unpaid, spot low-high, \$/tonne Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted		-1.59%	•	04 May 18
Price	Change <sup>†</sup>	<b>A</b>		duty unpaid, spot low-high, \$/tonne  Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted		-1.59%	▼	04 May 18
			Assessed	Aluminium P1020A, in-warehouse Rotterdam duty unpaid, spot weighted		-1.59%	v	04 IVIAY 16
			Assessed	Rotterdam duty unpaid, spot weighted				
			Assessed					
3568	-1.38%			average, \$/tonne	155*	-3.12%	•	04 May 18
3568	-1.38%			Aluminium P1020A, cif Korea (Gwangyang				
		▼	04 May 18	or Busan), spot low-high, \$/tonne	125-135*	4%		01 May 18
08.9200	-0.38%	▼	04 May 18	Aluminium P1020A, cif Korea (Gwangyang or Busan), spot weighted average, \$/tonne	130*	4%	•	01 May 18
.1968	-0.81%	▼	04 May 18	Aluminium P1020A, Southeast Asian	130	4 /0		OT WIAY TO
				warrants, in-warehouse, \$/tonne	15.0-35.0*	0%		01 May 18
.3542	-2.8%	▼	03 May 18	Aluminium P1020A, cif Shanghai, spot				
09.0550	-0.28%	•	03 May 18	low-high, \$/tonne	95.0-105.0*	0%		01 May 18
.1952	-1.33%	▼	03 May 18	Aluminium P1020A, cif Shanghai, spot	00*	00/		04 M 40
.1330	-1.5%	▼	03 May 18	weighted average, \$/tonne	99*	0%		01 May 18
.3538	0.37%	<b>A</b>	03 May 18	Aluminium P1020A, cif main Japanese ports, spot low-high, \$/tonne	160.0-195.0*	0%		04 May 18
				Aluminium P1020A, cif main Japanese				
				ports, spot weighted average, \$/tonne	123*	0%		20 Mar 18
				Aluminium ingot ADC 12 spot, main				
Price	Change <sup>†</sup>		Assessed	Japanese ports, \$/tonne	1,970*	0%		02 May 18
					120 0-120 0*	25 24%		19 Mar 18
551.15*	5.68%	_	04 May 18		129.0-129.0	ZJ.Z4 /0	_	13 Wai 10
3,508.98*	5.94%	<b>A</b>	04 May 18	6063 cif Japan, yearly, \$/tonne	140.0-150.0*	-6.45%	▼	12 Jan 18
				Aluminium P1020A, in-warehouse				
9.33*	-38.68%	▼	04 May 18	Rotterdam duty-paid, spot \$/tonne	230.0-240.0*	-2.08%	▼	04 May 18
141.41*	-38.54%	▼	04 May 18	Aluminium 6063 extrusion billet,	400 0 500			04::
					490.0-530.0*	-5.56%	_	04 May 18
130.06*	-29.45%	_	04 May 18		0.215-0.225*	-1 12%	•	04 May 18
	-29.28%	▼	04 May 18		0.210-0.220	-1.12/0	_	U-T IVIAY TO
2,738.09*				Paulo region, spot, \$/tonne	410.0-450.0*	0%		01 May 18
2,738.09*	70 10		04 May 19					
2,738.09*	-/0.1%	▼	04 Iviay 10					
<u> </u>	-76.1% -76.05%	▼	04 May 18					
4.78*		▼						
4.78*		▼						
3	9.33* 41.41* 30.06* ,738.09*	,508.98* 5.94% 9.33* -38.68% 41.41* -38.54% 30.06* -29.45%	,508.98* 5.94% ▲ 9.33* -38.68% ▼ 41.41* -38.54% ▼ 30.06* -29.45% ▼ ,738.09* -29.28% ▼	.508.98* 5.94% ▲ 04 May 18  9.33* -38.68% ▼ 04 May 18  41.41* -38.54% ▼ 04 May 18  30.06* -29.45% ▼ 04 May 18  ,738.09* -29.28% ▼ 04 May 18	5.08.98*   5.94%   ▲ 04 May 18	51.15* 5.68% ▲ 04 May 18 ,508.98* 5.94% ▲ 04 May 18  9.33* -38.68% ▼ 04 May 18  9.33* -38.54% ▼ 04 May 18  41.41* -38.54% ▼ 04 May 18  30.06* -29.45% ▼ 04 May 18 ,738.09* -29.28% ▼ 04 May 18  4.78* -76.1% ▼ 04 May 18	51.15* 5.68% ▲ 04 May 18  ,508.98* 5.94% ▲ 04 May 18  9.33* -38.68% ▼ 04 May 18  41.41* -38.54% ▼ 04 May 18  30.06* -29.45% ▼ 04 May 18  ,738.09* -29.28% ▼ 04 May 18  4.78* -76.1% ▼ 04 May 18	51.15* 5.68% ▲ 04 May 18 ,508.98* 5.94% ▲ 04 May 18 9.33* -38.68% ▼ 04 May 18 41.41* -38.54% ▼ 04 May 18 30.06* -29.45% ▼ 04 May 18 ,738.09* -29.28% ▼ 04 May 18 4.78* -76.1% ▼ 04 May 18

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Aluminium Diagona (CD )	Price	Change	Assessed	BASE METALS				
Aluminium P1020A, cif Brazilian main ports duty-unpaid, spot, \$/tonne	280.0-300.0*	-4.13% ▼	01 May 18		Price	Change <sup>†</sup>		Assesse
Aluminium 6063 + 6060 extrusion				Alumina				
billet, cif Brazilian main ports, spot (premium over LME cash), \$/tonne	350.0-400.0*	25%	20 Apr 18	MB Chinese free market, metallurgical	2 050 0 2 150 0*	1 500/	_	02 May :
Lead	000.0 100.0	2070	20710110	grade, delivered duty-paid, yuan/tonne	3,050.0-3,150.0* 658.75*		<u> </u>	03 May
				Alumina Index fob Australia		0.81%		04 May
North European warrants, min 99.97% ingots, in-warehouse, \$/tonne	10.0-15.0*	0%	01 May 18	Alumina Index fob Brazil	20.94*			26 Apr
Southeast Asian warrants, min 99.97%				Alumina Index fob Brazil, inferred Brazil price \$ per dry metric ton	679.69*			04 May
ingots, in-warehouse, \$/tonne	10.0-20.0*	0%	01 May 18	Aluminium	079.09			04 IVIAY
USA lead premium 99.97%, delivered					E 000 C 000*	00/		00 May
domestic, \$/lb	0.09-0.11*	0%	01 May 18	Shanghai bonded aluminium stocks, tonnes	5,000-6,000"	0%		02 May
USA lead premium 99.97%, delivered domestic, cents/lb	9-11*	0%	01 May 18	Bauxite fob Kamsar, Guinea \$/tonne per dmtu	38*	0%		26 Apr
USA lead premium 99.99%, delivered				fob Trombetas, Brazil \$/tonne per dmtu	37*	0%		26 Apr
domestic, cents/lb	11-13*	0%	01 May 18	Copper & Brass	<u>.                                    </u>	0,0		207.01
Nickel				••				
Shanghai, nickel low-high premium,				Producer premium				
99.8% purity in-warehouse, \$/tonne	140.0-170.0*	0%	01 May 18	Aurubis European Grade A cathode ex-works \$/tonne	86.0	0%		20 Oct
Shanghai, nickel average premium,				Codelco: Contract Grade A cathode	00.0	0 70		20 001
99.8% purity in-warehouse, \$/tonne	155*	0%	01 May 18	(average)	88.0	7.32%	•	27 Oct
Shanghai, nickel low-high premium, 99.8% purity, full plate, cif, \$/tonne	140.0-150.0*	0%	01 May 18	Germany: (VDM) Electro, €/tonne	E 70E 0 E 7E1 0	1 079/	_	02 May
Shanghai, nickel premium, 99.8%			,	wirebar (DEL):		-1.07%	<u> </u>	02 May
purity full plate, cif, \$/tonne	145*	0%	01 May 18	cathodes:	5,680.0-5,730.0	-0.61%	<b>V</b>	02 May
Southeast Asian warrants, min 99.80%				South Africa: Palabora copper rod 7.90mm, Rand/tonne	95,338.130	2.89%	•	02 May
full plates, in-warehouse, \$/tonne	110-190*	0%	01 May 18	Copper concentrate Asia-Pacific	33,000.100	2.00 /0	_	02 IVIU
Southeast Asian warrants, min 99.80%				Index RC import, US cents/lb (twice				
briquettes, in-warehouse, \$/tonne	10-15*	0%	01 May 18	monthly on 15th and last day of month)	6.81-6.81*	1.34%	<b>A</b>	30 Apr
uncut cathodes premium indicator	230.0-280.0*	0%	01 May 18	Copper concentrate Asia-Pacific				
4x4 cathodes premium indicator	360.0-420.0*	0%	01 May 18	Index TC import, \$/dmt (twice monthly on	60 10 60 10*	1 2/10/		20 Apr
briquettes premium indicator	275.0-300.0*	0%	01 May 18	15th and last day of month)	68.10-68.10*	1.34%		30 Apr
US: melting premium indicator, \$/Ib	0.250-0.380*	0%	06 Mar 18	Shanghai bonded copper stocks, tonnes	520,600-521,000	1^ 2.62%		23 Apr
Tin				Nickel				
MB European free market				Nickel pig iron high grade NPI content				
Spot premium 99.9%, \$/tonne	360-395*	0.67%	01 May 18	10-15% contract price delivered duty-paid China yuan per nickel unit price	970-980*	0%		01 May
Spot premium 99.85%, \$/tonne	275-325*	0%	01 May 18	Nickel pig iron high grade NPI content				
United States New York spot, cents/lb	997-998	-0.8% ▼	03 May 18	10-15% spot price China yuan per nickel				
Zinc				unit price	1,000-1,010*	0%		01 May
North European warrants, min 99.995%				Shanghai bonded nickel stocks, tonnes	21,000-22,000*	0%		02 May
SHG ingots, \$/tonne	80.0-90.0*	0%	01 May 18	Nickel ore				
MB EU: Special high grade, fca				Laterite ore with 1.5% nickel				
Rotterdam, \$/tonne	125.0-135.0*	0%	01 May 18	content cif China, \$/tonne	32-33*	0%		01 May
Malaysia in-warehouse, 99.995% SHG			04.84 40	Nickel ore 1.8% basis cif China, 15-20% Fe,				
	75 0 00 0+	00/		water content: 30-35%, Si:Mg ratio less				01 May
ingots, \$/tonne	75.0-90.0*	0%	01 May 18		51-53*	0%		
ingots, \$/tonne Singapore, zinc low-high premium,			,	than 2, lot size 50,000 tonnes, \$/tonne	51-53*	0%		O I Wildy
ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 75.0-90.0*	0%	01 May 18	than 2, lot size 50,000 tonnes, \$/tonne				
ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium,		0%	01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne	51-53* 2,120-2,170	0%	<b>A</b>	
ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0*		,	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC)	2,120-2,170	0.94%		02 May
ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium,	75.0-90.0*	0%	01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne			<b>A</b>	02 May
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium,	75.0-90.0* 86* 130.0-140.0*	0%	01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC)	2,120-2,170 20-35*	0.94%		02 May 27 Apr
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium,	75.0-90.0* 86*	0%	01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	2,120-2,170 20-35* 15-30*	0.94% -8.33% -18.18%	<b>▼</b>	02 May 27 Apr 27 Apr
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0%	01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collecting	2,120-2,170 20-35* 15-30* ng and aggregating	0.94% -8.33% -18.18% g premium i	▼ ▼	02 May 27 Apr 27 Apr ation. So
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne	2,120-2,170 20-35* 15-30* ng and aggregating	0.94% -8.33% -18.18% g premium i	▼ ▼	02 May 27 Apr 27 Apr ation. So
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectii it will no longer be able to supply this informat discontinued from the end of 2017.	2,120-2,170 20-35* 15-30* ng and aggregating	0.94% -8.33% -18.18% g premium i	▼ ▼	02 May 27 Apr 27 Apr ation. So
ngots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectii it will no longer be able to supply this informat discontinued from the end of 2017.  Zinc	2,120-2,170  20-35*  15-30*  ng and aggregating tion to the Metal Bu	0.94% -8.33% -18.18% g premium i	▼ ▼	02 May 27 Apr 27 Apr ation. So ums will b
ingots, \$/tonne Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectii it will no longer be able to supply this informatiscontinued from the end of 2017.  Zinc  Germany: (VDM) virgin, €/tonne	2,120-2,170 20-35* 15-30* ng and aggregating	0.94% -8.33% -18.18% g premium i	▼ ▼	02 May 27 Apr 27 Apr ation. So ums will b
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectii it will no longer be able to supply this informat discontinued from the end of 2017.  Zinc	2,120-2,170  20-35*  15-30*  ng and aggregating tion to the Metal Bu	0.94% -8.33% -18.18% g premium i	▼ ▼	02 May 27 Apr 27 Apr ation. So ums will b
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectiit will no longer be able to supply this informatiscontinued from the end of 2017.  Zinc  Germany: (VDM) virgin, €/tonne  UK: Special high grade, delivered monthly average price £/tonne  Zinc concentrate spot treatment charge (TC)	2,120-2,170 20-35* 15-30* In and aggregating tion to the Metal But 2,730-2,730 2,448*	0.94% -8.33% -18.18% g premium i ulletin. The 0% -0.85%	▼ inform premi	02 May 27 Apr 27 Apr ation. So ums will b
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  MB US: Special high grade, \$/lb	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectiit will no longer be able to supply this informatiscontinued from the end of 2017.  Zinc  Germany: (VDM) virgin, €/tonne  UK: Special high grade, delivered monthly average price £/tonne  Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne	2,120-2,170  20-35*  15-30*  1g and aggregating tion to the Metal But 2,730-2,730	0.94% -8.33% -18.18% q premium i	▼ inform premi	02 May 27 Apr 27 Apr 27 Apr 3 ation. So ums will b
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectiit will no longer be able to supply this informatiscontinued from the end of 2017.  Zinc  Germany: (VDM) virgin, €/tonne  UK: Special high grade, delivered monthly average price £/tonne  Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne  Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne	2,120-2,170 20-35* 15-30* In and aggregating tion to the Metal But 2,730-2,730 2,448*	0.94% -8.33% -18.18% g premium i ulletin. The 0% -0.85%	▼ inform premi	02 May 1 27 Apr 1 27 Apr 1 ation. So ums will be 02 May 1 01 May 1 27 Apr 1
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectif it will no longer be able to supply this informat discontinued from the end of 2017.  Zinc  Germany: (VDM) virgin, €/tonne  UK: Special high grade, delivered monthly average price £/tonne  Zinc concentrate spot treatment charge (TC) cIF Asia-Pacific \$/tonne  Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne  Zinc concentrate spot treatment charge (TC)	2,120-2,170  20-35*  15-30*  ag and aggregating tion to the Metal But 2,730-2,730  2,448*  15-35*  3,550-3,750*	0.94% -8.33% -18.18% g premium i illetin. The illetin. Th	▼ inform premi	02 May 1 27 Apr 1 27 Apr 1 ation. So ums will bu 02 May 1 01 May 1 27 Apr 1
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectii it will no longer be able to supply this informat discontinued from the end of 2017.  Zinc  Germany: (VDM) virgin, €/tonne  UK: Special high grade, delivered monthly average price £/tonne  Zinc concentrate spot treatment charge (TC) CIF Asia-Pacific \$/tonne  Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne  Zinc concentrate spot treatment charge (TC) delivered South China yuan/tonne	2,120-2,170  20-35*  15-30*  ng and aggregating tion to the Metal But 2,730-2,730  2,448*  15-35*  3,550-3,750*  3,200-3,400*	0.94% -8.33% -18.18% g premium i illetin. The illetin. Th	▼  Inform.  premis  ▼	02 May 1 27 Apr 1 27 Apr 1 ation. So ums will b 02 May 1 01 May 1 27 Apr 1 27 Apr 1
ingots, \$/tonne  Singapore, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Singapore, zinc average premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc low-high premium, 99.995% purity, in-warehouse, \$/tonne  Shanghai, zinc average premium, 99.995% purity, in-warehouse, \$/tonne	75.0-90.0* 86* 130.0-140.0*	0% 0% 0%	01 May 18 01 May 18 01 May 18 01 May 18	than 2, lot size 50,000 tonnes, \$/tonne  Lead  Germany: (VDM) virgin soft, €/tonne  Lead concentrate spot treatment charge (TC) high silver CIF Asia Pacific, \$/tonne  Lead concentrate spot treatment charge (TC) low silver CIF Asia Pacific, \$/tonne  EUROBAT has decided to discontinue collectif it will no longer be able to supply this informat discontinued from the end of 2017.  Zinc  Germany: (VDM) virgin, €/tonne  UK: Special high grade, delivered monthly average price £/tonne  Zinc concentrate spot treatment charge (TC) cIF Asia-Pacific \$/tonne  Zinc concentrate spot treatment charge (TC) delivered North China yuan/tonne  Zinc concentrate spot treatment charge (TC)	2,120-2,170  20-35*  15-30*  ag and aggregating tion to the Metal But 2,730-2,730  2,448*  15-35*  3,550-3,750*	0.94% -8.33% -18.18% g premium i illetin. The illetin. Th	▼ inform premi	02 May 27 Apr 27 Apr 3 ation. So ums will b 02 May 2 01 May 2 27 Apr 2 27 Apr 2 27 Apr 3

7 May 2018   Metal Bulletin Daily	Number 9559.	1				Copyright © 2	2002-2018	Meta	l Bulletin
PRECIOUS METALS						Price	Change		Assessed
	Price	Change <sup>†</sup>		Assessed	Gallium				
Iridium					MB free market \$/kg	220-240*	0%		04 May 18
MB free market: min 99.9%, \$/troy oz					MB China domestic, min 99.99%, yuan/kg	1,300-1,350*	0%		02 May 18
in-warehouse	1,125-1,225*	6.82%	<u> </u>	04 May 18	Germanium	1,000 1,000	0 70		OZ Way 10
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	1,140	4.59%	•	04 May 18	Germanium dioxide MB free market				
Englehard base price: \$/troy oz	1,170	6.36%	_	04 May 18	\$/kg	1,070-1,320*	0%		04 May 18
Palladium	,				Germanium metal \$/kg Rotterdam	1,720-1,800*	0%		04 May 18
European free market: min 99.9%,					Germanium metal MB China domestic,	10 000 10 000*	00/		00 May 10
\$/troy oz in-warehouse	962-973*	-1.73%	▼	04 May 18	min 99.999%, yuan/kg	10,000-10,800*	0%		02 May 18
Englehard base price: \$/troy oz	973	-2.11%	▼	04 May 18	Hafnium				
Johnson Matthey base price: (unfab) \$/troy oz (08 hrs)	971	-2.02%	•	04 May 18	Hafnium 1% Zr max, in-warehouse global locations, \$/kg	850-950*	0%		27 Apr 18
Platinum	371	-2.02 /0	•	04 IVIAY 10	Indium				
European free market: min 99.9%,					MB free market \$/kg	320-350*	0%		04 May 18
\$/troy oz in-warehouse	897-906*	-0.83%	▼	04 May 18	MB China domestic, min 99.99%				
Englehard base price: \$/troy oz	906	-0.55%	▼	04 May 18	yuan/kg	2,000-2,050*	0%		02 May 18
Johnson Matthey base price: (unfab)					Indium Corp ingots min 99.97% \$/kg fob	440	-40.94%	•	26 Jun 15
\$/troy oz (08 hrs)	905	-0.98%	•	04 May 18		440	-40.94%	•	20 Juli 13
Rhodium					Magnesium  Furenean free market \$ per tenne	2.450-2.475*	0%		04 May 10
European free market: min 99.9%, \$/troy oz in-warehouse	1,965-2,065*	-2.42%	•	04 May 18	European free market \$ per tonne China free market min 99.8% Mg. fob	2,450-2,475*	0%		04 May 18
Englehard base price: \$/troy oz	2,025	-1.7%	<b>*</b>	04 May 18	China main ports, \$ per tonne	2,430-2,470*	0.41%	<b>A</b>	04 May 18
Johnson Matthey base price: (unfab)	2,020	-1.770	•	U4 IVIAY 10	MB Chinese free market min 99% Mg,	_,,	******		
\$/troy oz (08 hrs)	2,030	-1.46%	▼	04 May 18	ex-works yuan/tonne	15,000-15,100*	0.67%	<b>A</b>	04 May 18
Ruthenium	,				Manganese flake				
European free market: min 99.9%,					MB free market \$/tonne	2,495-2,640*	0%		04 May 18
\$/troy oz in-warehouse	230-270*	4.17%	▲	04 May 18	Mercury				
Englehard base price: \$/troy oz	255	4.08%	<b>A</b>	04 May 18	MB free market \$ per flask	2,750-3,000*	-10.85%	▼	27 Apr 18
Johnson Matthey base price: (unfab)					Rhenium in-warehouse Rotterdam dut	y paid			
\$/troy oz (08 hrs)	250	2.04%	_	04 May 18	Metal pellets, min 99.9% \$/Ib	726-755*	15.97%	<b>A</b>	27 Apr 18
MINORMETALS					APR catalytic grade \$/kg Re	1,450-1,600*	0%		27 Apr 18
MINORMETAES	Deles	Ohannat		4	Selenium				
	Price	Change <sup>†</sup>		Assessed	MB free market \$/lb	23.5-25*	0%		04 May 18
Antimony					MB China domestic, min 99.9%,				
MB free market Regulus, min 99.65%, max Se 50 ppm, max 100 ppm Bi,					yuan/kg	290-330*	0%		04 May 18
				04 May 18	Selenium dioxide, MB China domestic,				04 May 18
\$/tonne in-warehouse Rotterdam	8,000-8,300*	-0.91%	▼	U4 IVIAY TO		178-185*	_1 80%	•	04 Iviay 10
MMTA Standard Grade II, \$/tonne			<b>▼</b>		min 98%, yuan/kg	178-185*	-1.89%	▼	
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam	8,000-8,300* 8,000-8,250*	-0.91%	<b>▼</b>	04 May 18	Silicon	178-185*	-1.89%	▼	
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard	8,000-8,250*	-1.22%	▼	04 May 18		178-185* 2,230-2,275*	-1.89%	▼	04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne		-1.22%	<b>* * *</b>		Silicon Grade 441, min 99% Si in-warehouse			<b>▼</b>	04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic	8,000-8,250* 51,000-51,500*	-1.22% -0.97%	▼	04 May 18 02 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne			<b>V</b>	04 May 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb	8,000-8,250*	-1.22%	▼	04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse	2,230-2,275*	0%	<b>*</b>	04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth	8,000-8,250* 51,000-51,500* 1.10-1.30*	-1.22% -0.97%	▼	04 May 18 02 May 18 27 Apr 18	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	2,230-2,275* 2,065-2,100* 142-144*	0% 0% -0.69%	<b>*</b>	04 May 18 10 Apr 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb	8,000-8,250* 51,000-51,500*	-1.22% -0.97%	▼	04 May 18 02 May 18	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	2,230-2,275* 2,065-2,100*	0%	<b>*</b>	04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth	8,000-8,250* 51,000-51,500* 1.10-1.30*	-1.22% -0.97%	▼	04 May 18 02 May 18 27 Apr 18	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	2,230-2,275* 2,065-2,100* 142-144* 1,910-1,960*	0% 0% -0.69% 0.52%	<b>▼</b>	04 May 18 10 Apr 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%,	8,000-8,250* 51,000-51,500* 1.10-1.30* 5.10-5.35*	-1.22% -0.97% 0%	▼	04 May 18 02 May 18 27 Apr 18 04 May 18	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	2,230-2,275* 2,065-2,100* 142-144*	0% 0% -0.69%	<b>▼</b>	04 May 18 10 Apr 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne	8,000-8,250* 51,000-51,500* 1.10-1.30* 5.10-5.35*	-1.22% -0.97% 0%	▼	04 May 18 02 May 18 27 Apr 18 04 May 18	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%,	2,230-2,275*  2,065-2,100*  142-144*  1,910-1,960*  90-100*	0% 0% -0.69% 0.52% 28.38%	<b>▼</b>	04 May 18 10 Apr 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium	8,000-8,250* 51,000-51,500* 1.10-1.30* 5.10-5.35* 67,500-69,000*	-1.22% -0.97% 0% 0%	▼	04 May 18  02 May 18  27 Apr 18  04 May 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg	2,230-2,275* 2,065-2,100* 142-144* 1,910-1,960*	0% 0% -0.69% 0.52%	<b>▼</b>	04 May 18 10 Apr 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb	8,000-8,250* 51,000-51,500* 1.10-1.30* 5.10-5.35* 67,500-69,000*	-1.22% -0.97% 0% 0% 0%	▼	04 May 18  27 Apr 18  04 May 18  04 May 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg Titanium	2,230-2,275*  2,065-2,100*  142-144*  1,910-1,960*  90-100*	0% 0% -0.69% 0.52% 28.38%	<b>▼</b>	04 May 18 10 Apr 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb	8,000-8,250* 51,000-51,500* 1.10-1.30* 5.10-5.35* 67,500-69,000*	-1.22% -0.97% 0% 0% 0%	▼	04 May 18  27 Apr 18  04 May 18  04 May 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg	2,230-2,275*  2,065-2,100*  142-144*  1,910-1,960*  90-100*	0% 0% -0.69% 0.52% 28.38%	<b>V</b>	04 May 18 10 Apr 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium	8,000-8,250* 51,000-51,500* 1.10-1.30* 5.10-5.35* 67,500-69,000*	-1.22% -0.97% 0% 0% 0%	▼	04 May 18  27 Apr 18  04 May 18  04 May 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70%	2,230-2,275*  2,065-2,100* 142-144*  1,910-1,960*  90-100*  580-610*	0% 0% -0.69% 0.52% 28.38%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*	-1.22% -0.97% 0% 0% 0% 0%	▼	04 May 18  27 Apr 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe  Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged,	2,230-2,275*  2,065-2,100* 142-144*  1,910-1,960*  90-100*  580-610*  4.65-5.40*	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*	-1.22% -0.97% 0% 0% 0% 0%	▼	04 May 18  27 Apr 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe  Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus	2,230-2,275*  2,065-2,100* 142-144*  1,910-1,960*  90-100*  580-610*	0% 0% -0.69% 0.52% 28.38%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*  13,250-13,995*	-1.22% -0.97% 0% 0% 0% 0%	▼	04 May 18  27 Apr 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe  Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2	2,230-2,275*  2,065-2,100* 142-144*  1,910-1,960*  90-100*  580-610*  4.65-5.40*	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18 02 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt  MB free market high-grade \$/lb  MB free market low-grade \$/lb  MB high-grade, weighted average of	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*  13,250-13,995*  43.5-44.25*  43.5-44.20*	-1.22% -0.97% 0% 0% 0% 0% -0.57% -0.51%	▼	04 May 18  27 Apr 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe  Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus  Rutile bulk conc min 95% Tio2 fob/Aus	2,230-2,275*  2,065-2,100* 142-144*  1,910-1,960*  90-100*  580-610*  4.65-5.40*	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18 02 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt  MB free market high-grade \$/lb  MB free market low-grade \$/lb  MB high-grade, weighted average of all confirmed international trades, \$/lb	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*  13,250-13,995*  43.5-44.25*	-1.22% -0.97% 0% 0% 0% 0% -0.57%	▼	04 May 18  27 Apr 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe  Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2	2,230-2,275*  2,065-2,100* 142-144*  1,910-1,960*  90-100*  580-610*  4.65-5.40*	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt  MB free market high-grade \$/lb  MB free market low-grade \$/lb  MB high-grade, weighted average of all confirmed international trades, \$/lb  MB low-grade, weighted average of	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*  13,250-13,995*  43.5-44.25*  43.5-44.20*  44.14*	-1.22% -0.97% 0% 0% 0% 0% -0.57% -0.51% 0.32%	▼	04 May 18 02 May 18 27 Apr 18 04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	2,230-2,275* 2,065-2,100* 142-144* 1,910-1,960* 90-100* 580-610* 4.65-5.40* 1,000-1,250 800-900	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>V</b>	04 May 18 02 May 18 03 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt  MB free market high-grade \$/lb  MB free market low-grade \$/lb  MB high-grade, weighted average of all confirmed international trades, \$/lb  MB low-grade, weighted average of all confirmed international trades, \$/lb	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*  13,250-13,995*  43.5-44.25*  43.5-44.20*	-1.22% -0.97% 0% 0% 0% 0% -0.57% -0.51%	▼	04 May 18  27 Apr 18  04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	2,230-2,275* 2,065-2,100* 142-144* 1,910-1,960* 90-100* 580-610* 4.65-5.40* 1,000-1,250 800-900	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18 02 May 18 03 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt  MB free market high-grade \$/lb  MB free market low-grade \$/lb  MB high-grade, weighted average of all confirmed international trades, \$/lb  MB low-grade, weighted average of	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*  13,250-13,995*  43.5-44.25*  43.5-44.20*  44.14*	-1.22% -0.97% 0% 0% 0% 0% -0.57% -0.51% 0.32% -0.86%	▼	04 May 18 02 May 18 27 Apr 18 04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	2,230-2,275* 2,065-2,100* 142-144* 1,910-1,960* 90-100* 580-610* 4.65-5.40* 1,000-1,250 800-900	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18 02 May 18 03 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt  MB free market high-grade \$/lb  MB free market low-grade \$/lb  MB high-grade, weighted average of all confirmed international trades, \$/lb  MB low-grade, weighted average of all confirmed international trades, \$/lb  MB China domestic, min 99.8%	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*  13,250-13,995*  43.5-44.25*  43.5-44.20*  44.14*  43.62*	-1.22% -0.97% 0% 0% 0% 0% -0.57% -0.51% 0.32% -0.86%	▼	04 May 18 02 May 18 27 Apr 18 04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	2,230-2,275* 2,065-2,100* 142-144* 1,910-1,960* 90-100* 580-610* 4.65-5.40* 1,000-1,250 800-900	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>V</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18 02 May 18 03 May 18
MMTA Standard Grade II, \$/tonne in-warehouse Rotterdam  MB Chinese free market MMTA Standard Grade II, delivered duty-paid yuan/tonne  Arsenic  MB free market \$/lb  Bismuth  MB free market \$/lb  MB China domestic, min 99.99%, yuan/tonne  Cadmium  MB free market min 99.95% cents/lb  MB free market min 99.99% cents/lb  Chromium  MB free market alumino-thermic min 99% \$/tonne  Cobalt  MB free market high-grade \$/lb  MB free market low-grade \$/lb  MB free market low-grade \$/lb  MB high-grade, weighted average of all confirmed international trades, \$/lb  MB low-grade, weighted average of all confirmed international trades, \$/lb  MB China domestic, min 99.8% yuan/tonne	8,000-8,250*  51,000-51,500*  1.10-1.30*  5.10-5.35*  67,500-69,000*  147-157*  147-165*  13,250-13,995*  43.5-44.25*  43.5-44.20*  44.14*  43.62*	-1.22% -0.97% 0% 0% 0% 0% -0.57% -0.51% 0.32% -0.86%	▼	04 May 18 02 May 18 27 Apr 18 04 May 18	Silicon Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne Grade 553, min 98.5% Si in-warehouse Rotterdam, €/tonne US free market cents/lb Export from mainland China min 98.5%, \$/tonne fob  Tellurium MB free market \$/kg MB China domestic, min 99.99%, yuan/kg  Titanium MB free market ferro-titanium 70% (max 4.5% Al) \$/kg Ti d/d Europe Titanium ores \$/tonne Rutile conc min 95% Tio2 bagged, fob/Aus Rutile bulk conc min 95% Tio2 fob/Aus Ilmenite concentrate, 47-49% Tio2	2,230-2,275* 2,065-2,100* 142-144* 1,910-1,960* 90-100* 580-610* 4.65-5.40* 1,000-1,250 800-900	0% 0% -0.69% 0.52% 28.38% 0% 0.5%	<b>A</b>	04 May 18 10 Apr 18 04 May 18 04 May 18 04 May 18 02 May 18 03 May 18

May 2018   Metal Bulletin Daily	Number 9552	А			Copyright ©		
IOBLE ALLOYS & ORES				US free market low carbon duty-paid fob Pit	Price tehurah	Change	Assess
	Price	Change <sup>†</sup>	Assessed	US free market in-warehouse Pittsburgh	wan gii		
Nolybdenum molybdic oxide				6-8% C basis 60-65% Cr max 2% Si	1.400-1.480*	0%	03 May
urope drummed molybdic oxide \$/lb Mo	12.30-12.40*	-0.6%	▼ 04 May 18	0.05%C - 65% min Cr	2.40-2.45*	0%	03 May
S canned molybdic oxide \$/lb Mo	12.20-12.40*	-0.81%	▼ 03 May 18	0.10% C - 62% min Cr	2.25-2.30*	0%	03 May
erro-molybdenum				0.15% C - 60% min Cr	2.20-2.23*	0%	03 May
asis 65% min, in-warehouse Rotterdam				Chrome ore \$/tonne	2.20 2.20	070	00 1114)
/kg Mo	29.30-29.85*	-1.25%	▼ 04 May 18				
S free market 65-70% Mo \$/Ib				Chrome ore cif main Chinese ports			
n-warehouse Pittsburgh	13.5-13.90*	0%	03 May 18	South African UG2 chrome ore concs, index basis 42%	188*	-0.53%	▼ 04 May
1B Chinese free market concentrate				Turkish lumpy 40-42% cfr main Chinese	100	0.0070	▼ 0+1viay
5% Mo in-warehouse China yuan/mtu	1,630-1,660*	0%	02 May 18	ports	280-300*	0%	04 May
ungsten				Ferro-manganese			
uropean free market APT \$/mtu	328-335*	0%	04 May 18	basis 78% Mn (scale pro rata)			
xport from mainland China APT Chinese				standard 7.5% C €/tonne	1,050-1,100*	0%	04 May
o1 grade, min 88.5% W03, S/mtu fob	326-330*	1.23%	▲ 02 May 18	US free market 78% Mn standard 7.5%	,,		
1B Chinese free market concentrate				C \$/long ton in-warehouse Pittsburgh	1,470-1,550*	0%	03 May
5% Wo3 in-warehouse China yuan/tonne	112,000-113,00	JO* 0.9%	▲ 02 May 18	US free market medium carbon			
erro-tungsten				duty-paid fob Pittsburgh, 80% min Mn 1.5%			
asis 75% W min \$/kg W in-warehouse	10. 12.25	461		max C \$/Ib	1.12-1.14*	0%	03 May
otterdam duty-unpaid	40-40.60*		▲ 04 May 18	MB Chinese free market min 65% Mn			
hina export min 75% \$/kg W, fob China	40-41*	0%	02 May 18	max 7.0% C in-warehouse China yuan/tonne	7,100-7,300*	-2.7%	▼ 04 May
anadium				·	7,100-7,300	-2.170	▼ U4 IVIa)
erro-vanadium basis 78% min, fob,				Manganese ore			
hina \$/kg V	65-69*	-0.74%	▼ 03 May 18	44% Mn, cif Tianjin \$/dmtu of metal	7.46*	_/ 110/	<b>V</b> 0484
erro-vanadium basis 78% min, free				contained	7.46*	-4.11%	▼ 04 May
elivery duty paid consumer plant,	00.00.5*	00/	0414 40	37% Mn, fob Port Elizabeth \$/dmtu of metal contained	5.97*	-8.44%	▼ 04 May
st grade, Western Europe \$/kg V	68-69.5*	0%	04 May 18		5.97	-0.44 70	▼ U4 IVIa)
S free market ferro-vanadium \$/lb	22 5 24 25*	0.050/	■ 02 May 10	Inventories at the main ports of Tianjin and Qinzhou, million tonnes	2.55-2.90*	13.54%	▲ 02 May
-warehouse Pittsburgh	33.5-34.25*	-0.95%	▼ 03 May 18	Ferro-nickel	2.00 2.00	10.0170	_ 02a,
anadium pentoxide 98% min, fob, hina \$/Ib V205	14.40-14.90*	-0.68%	▼ 03 May 18				
anadium pentoxide min 98%,	14.40-14.50	-0.00 /0	▼ 03 Way 10	China premium, 26-32% nickel contained, cif China, \$/tonne	200-350*	-8.33%	▼ 30 Ap
i-warehouse Rotterdam \$/lb V205	14.90-15.35*	0%	04 May 18		200-330	-0.00 /0	▼ 30 Ap
ircon				Ferro-silicon			
				Lumpy basis 75% Si (scale pro rata) €/tonne	1,500-1,575*	-1.6%	▼ 04 May
oundry grade bulk \$/tonne fob ustralia	950-1,000	0%	01 Feb 18	US free market \$/lb in-warehouse	1,500-1,575	-1.0 /0	▼ 04 IVIa
remium bulk \$/tonne fob Australia	1,380-1,570	0%	12 Apr 18	Pittsburgh lumpy basis 75% Si - imported	1.04-1.10*	0%	03 May
Torriam Bank (p) torrio 100 / taoti ana	1,000 1,010	070	12710110	Export from mainland China, min 75%			
ULK ALLOYS				Si, 7.5% C, \$/tonne, fob	1,340-1,400*	-0.36%	▼ 04 May
	Deine	Ohannat	Accessed	MB Chinese free market min 75% Si,			
	Price	Change <sup>†</sup>	Assessed	in-warehouse China, yuan/tonne	6,200-6,400*	0%	04 May
erro-chrome \$/lb Cr				Silico-manganese			
hina import charge chrome 50% Cr	0.05+	0 =00:		Lumpy basis 65-75% Mn basis 15-19%			
ndex, cif Shanghai, duty-unpaid	0.85*	-6.59%	▼ 04 May 18	Si (scale pro rata) €/tonne	1,000-1,050*	0%	04 May
erro-Chrome European Benchmark				US free market \$/Ib in-warehouse			
ndicator, Lumpy Cr charge basis 52% and high carbon), \$ per Ib	1.27*	-3.79%	▼ 04 May 18	Pittsburgh	0.66-0.70*	0%	03 May
pot 6-8% C basis 50% Cr delivered	1.21	0.1070	, OTIVIAY IO	MB Chinese free market min 65% Mn			
uty paid China yuan/tonne	6,850-7,000*	-0.36%	▼ 04 May 18	max 17% Si in-warehouse China	7.000 7.55	0.055	
ontract 6-8% C basis 50% Cr	2,000 1,000	0.0070	. O Tiviay 10	yuan/tonne	7,200-7,500*	-2.65%	▼ 04 May
elivered duty paid China yuan/tonne	6,646-6,950*	-7.82%	▼ 04 May 18	65% min Mn 16% min Si \$/tonne fob	1 000 1 400	0.5007	
umpy Cr charge basis 52% Cr (and	, , , , , ,		.,	India	1,090-1,100*	-3.52%	▼ 04 May
igh carbon) quarterly	1.42*	20.34%	▲ 03 Apr 18				
igh carbon 6-8.5% C basis 60-70% Cr							
ax 1.5% Si	1.28-1.42*	2.27%	▲ 04 May 18				
.10% C average 60-70% Cr	2.27-2.45*	0.85%	▲ 04 May 18				
ropean low carbon in-warehouse							
06% C max - 65% Cr	2.32-2.5*	0.84%	▲ 04 May 18				
ow phosphorous Cr min 65% C max 7%							
i max 1% p max 0.015% Ti max 0.05%	1.40-1.45*	3.64%	▲ 04 May 18				
apan import 8-9% C, basis 60% Cr,							
if Japan, duty-unpaid \$/lb contained	0.05.0.00	00/	00.11				
	0.95-0.98*	0%	03 May 18				
outh Korea import 8-9% C, basis 60%							
outh Korea import 8-9% C, basis 60% r, cif South Korea, duty-unpaid	N 9N-N 92*	-5 7%	▼ 03 May 18				
outh Korea import 8-9% C, basis 60% , cif South Korea, duty-unpaid	0.90-0.92*	-5.7%	▼ 03 May 18				
hrome outh Korea import 8-9% C, basis 60% r, cif South Korea, duty-unpaid //b contained chrome	0.90-0.92*	-5.7%	▼ 03 May 18				

7 May 2018   Metal Bulletin Dail	y riveringer 900:	7N			OA DRONI CTEEL OIG			· · · · ·	l Bulleti
CARBON STEEL - EUROPE					CARBON STEEL - CIS				
	Price	Change <sup>†</sup>		Assessed		Price	Change <sup>†</sup>		Assess
Northern Europe imports					CIS exports (Black Sea)				
Metal Bulletin's appraisal of cfr prices for	r imported, non-EU or	igin, commerci	ial-qu	ality carbon	Metal Bulletin's appraisal of CIS mills'		the CIS of con	nmerc	ial-qual
steel, € per tonne cfr main EU port					carbon steel, \$ per tonne fob stowed n	•		_	
Rebar	490-510*	0%		02 May 18	Billet index	509*	-0.2%	<u> </u>	30 Apr
Wire rod (mesh quality)	510-520*	0%		02 May 18	Slab	550-560*		▼	30 Apr
Plate (8-40mm)	580-600*	0%		02 May 18	Rebar	565-575*		<u> </u>	30 Apr
Hot rolled coil	530-540*	0%		02 May 18	Wire rod (mesh)	590-610*	1.27%	<u> </u>	30 Apr
Cold rolled coil	610-620*	0%		02 May 18	Heavy plate (10-50mm)	625-645*	-1.55%	<u> </u>	30 Apr
Hot-dip galvanized coil	630-670*	0.78%	<u> </u>	02 May 18	Hot rolled coil	580-595*	-1.26%	▼	30 Apr
Southern Europe imports					Cold rolled coil	625-650*	-0.78%	<u> </u>	30 Apr
Metal Bulletin's appraisal of cfr prices for	r imported, non-EU or	igin, commerci	ial-qu	ality carbon	CIS domestic				
steel, € per tonne cfr main EU port					Metal Bulletin's appraisal of prices with	hin Russia for commercia	al-quality carbo	on ste	el of Cl
Rebar	475-495*	0%		02 May 18	origin, rubles per tonne, carriage paid	,			
Wire rod (mesh quality)	505-520*	0%		02 May 18	Rebar	39,000-39,000*	0%		30 Apı
Plate (8-40mm)	580-600*	0%		02 May 18	Hot rolled sheet	45,500-46,000*	0%		30 Apı
Hot rolled coil	530-540*	0.47%	<b>A</b>	02 May 18	Cold rolled sheet	49,500-50,500*	0%		30 Apr
Cold rolled coil	600-625*	0%		02 May 18	Plate	48,000-48,000*	0%		30 Apı
Hot-dip galvanized coil	610-650*	0.8%	<b>A</b>	02 May 18					
Southern Europe exports					CARBON STEEL - MIDDLE EAST				
Metal Bulletin's appraisal of Southern Eu	rope mills' prices for	export outside S	South	nern Europe		Price	Change <sup>†</sup>		Asses
of commercial-quality carbon steel, € pe	r tonne fob main Sout	hern European	port		Turkish exports				
Rebar	470-485*	0%		02 May 18	Metal Bulletin's appraisal of Turkish m	ills' prices for export of co	ommercial-qua	ality c	arbons
Wire rod (mesh quality)	500-510*	0%		02 May 18	\$ per tonne fob main Turkish port				
Northern Europe domestic					Billet	540-545*	1.4%	<b>A</b>	03 May
Metal Bulletin's appraisal of prices within	n the FII (excluding the	e I IK) for comm	nercia	l-quality	Rebar	550-560*	0%		03 May
carbon steel of EU origin, € per tonne del		ony for comm	101014	quanty	Wire rod (mesh quality)	585-595*	0%		03 May
Rebar	540-560*	0%		02 May 18	Merchant bars	585-595*	0%		03 May
Wire rod (mesh quality)	535-550*	-0.46%		02 May 18	Structural pipe	675-685*	-0.73%	▼	11 Apı
Sections (medium)	655-660*	-0.75%		02 May 18	Hot rolled coil	615-620*	-0.8%	▼	04 May
Beams	595-625*	0%		02 May 18	Hot dip galvanized	775-780*	-0.96%		04 May
Southern Europe domestic				,	Turkish domestic				
Metal Bulletin's appraisal of prices within	the ELL (evoluding the	IIK) for comm	narcia	l-auglity	Metal Bulletin's appraisal of prices with	hin Turkey for commercia	l-quality carbo	nn ste	el of Tu
carbon steel of EU origin, € per tonne del	, -	ony for confin	ititia	r-quanty	origin, \$ per tonne ex-works	mi raikoy for commorcia	r quanty our be	)	010114
Rebar	495-520*	0.5%	<b>A</b>	02 May 18	Billet	535-540*	0.47%	<b>A</b>	03 May
Wire rod (mesh quality)	525-550*			02 May 18	Rebar	570-580*	2.22%		03 May
Sections (medium)	615-650*	-0.78%		02 May 18	Wire rod (mesh quality)	600-620*	1.67%		03 May
Beams	595-620*	0%		02 May 18	Hot rolled coil	620-625*	0%		04 May
		0 70		OZ Way 10	Cold rolled coil	680-690*	0%		04 May
Central Europe domestic € per tonne		1 050/	_	00 May 10	Hot dip galvanized	775-780*	-0.96%		04 May
Hot rolled coil	540-560*	-1.35%	_	02 May 18	Prepainted galvanized	860-870*	-2.26%		04 May
Poland domestic zloty per tonne ex-v						000-070	-2.20 /0	<u> </u>	04 IVIA
Rebar	2,250-2,290*	0%		04 May 18	Turkish imports				
Northern Europe € per tonne ex-work	S				Metal Bulletin's appraisal of prices for	imported commercial-qu	ality carbon st	teel, \$	per ton
Plate (8-40mm)	590-610*	0.84%	<b>A</b>	02 May 18	cfr main Turkish port	E00 E05*	00/		00 M-
Hot rolled coil	560-580*	-0.44%	▼	02 May 18	Billet	520-525*	0%		03 May
Cold rolled coil	635-660*	-0.38%	▼	02 May 18	Hot rolled coil	610-630*	0%		04 May
Hot-dip galvanized coil	660-690*	0%		02 May 18	Cold rolled coil	670-685*	0%		04 May
Southern Europe € per tonne ex-work	(S				UAE imports				
Plate (8-40mm)	580-590*	1.74%	<b>A</b>	02 May 18	Metal Bulletin's appraisal of prices for	imported commercial-qu	ality carbon st	teel, \$	per tor
Hot rolled coil	520-560*	0%		02 May 18	cfr Jebel Ali				
Cold rolled coil	610-640*	0.81%	<b>A</b>	02 May 18	Billet	495-520*	-3.79%	▼	01 May
Hot-dip galvanized coil	630-660*	0.78%		02 May 18	Rebar	565-570*	0%		01 May
		2070			Hot rolled coil	600-625*	0%		01 May
CARBON STEEL - NORTH AFRICA					Cold rolled coil	670-710*	0%		01 May
UAMBUNSTEEL THURTH AFRICA					Hot dip galvanized coil	780-840*	0%		01 May
	Price	Change <sup>†</sup>		Assessed	Saudi Arabia imports				
Algeria imports					Metal Bulletin's appraisal of prices for	imported commercial-qu	ality carbon st	eel \$	pertor
Metal Bulletin's appraisal of cfr prices for	r imported, EU origin,	commercial-qu	iality (	carbon	cfr	por.soa oommoroiai 'qui	541501131		751 101
steel, € per tonne cfr main port					Rebar	570-575*	0%		01 May
Rebar	485-490*	-2.5%	▼	02 May 18	Hot rolled coil	600-630*	0%		01 May
					† week-on-week change				ontinue

	y   Number 9559		40		Copyright ©	2002-2018 IV	etal Bulle
IIAE domoctic	Price	Change	Assessed	CARBON STEEL - NAFTA			
UAE domestic  Metal Bulletin's appraisal of prices within origin, dirhams per tonne ex-works	UAE for commercial-	quality carbon ste	el of UAE	US imports	Price	Change <sup>†</sup>	Asses
Rebar	2,216-2,223*	-7.37% ▼	01 May 18	Metal Bulletin's appraisal of prices for imp	orted, non-Nafta ori	gin, commercial	-quality carl
Iran imports				steel, \$ per short ton cfr port Houston			
Metal Bulletin's appraisal of prices quoted	d by overseas supplier	s for commercial-	-quality	Rebar	617-794*	0%	02 May
carbon steel to Iranian buyers, \$ per tonn			, J	Merchant bars	640-680*	0%	27 Apr
Cold rolled coil	630-640*	0%	02 May 18	Wire rod (low carbon)  Medium sections	600-635* 760-800*	9.86%	25 Apı ▲ 26 Apı
Hot rolled coil	595-600*	0%	02 May 18	Medium plate	900-940*	0%	02 May
Iran exports				Hot rolled coil (commodity)	820-880*		■ 02 May
Metal Bulletin's appraisal of prices quoted		s for commercial-	-quality	Cold rolled coil	920-980*		▼ 02 May
carbon steel to Iranian buyers, \$ per tonn	•	-	0011 10	Hot dipped galvanized 0.012-0.015,			
Billet	480-500*	-2% ▼	, .,	G30	1,180-1,220*	1.69%	<b>▲</b> 02 May
Slab	520-535*	-1.86% ▼	02 May 18	ERW linepipe (X42)	1,070-1,090*	0%	24 Apı
Egyptian domestic	<b>5</b>			OCTG API5CT - casing J55	1,030-1,200*	-0.45%	▼ 24 Apr
Metal Bulletin's appraisal of prices within Egyptian origin, E£ per tonne ex-works	Egypt for commercial	-quality carbon st	teel of	US domestic			
Rebar	12,525-12,528*	0%	03 May 18	AMM's appraisal of prices within the USA	•	ity carbon steel	of US or
Egyptian import	12,020 12,020	070	OO Way 10	Canadian origin, \$ per short ton, delivery		00/	0014
•	norted commercial au	ality earlien etaal	Cnartanna	Rebar (fob mill)	700-720*	0%	02 May
Metal Bulletin's appraisal of prices for imp cfr main port	portea commerciai-qu	ality carbon steel,	, \$ per tonne	Wire rod (mesh quality fob mill)	740-740*		▲ 25 Apr
Billet	525-533*	0.28%	03 May 18	Plate (fob mill)	940-940*	0%	27 Apr
				Hot rolled sheet index (fob mill)  Cold rolled sheet (fob mill)	877-877*		△ 03 May
CARBON STEEL - LATIN AMERICA				Hot-dip galvanized (base) Midwest	1,000-1,000*	0%	03 May
	Price	Change <sup>†</sup>	Assessed	(fob mill)	1,000-1,000*	0%	03 May
Latin American experts	FIIGE	Glially C	A336336U	OCTG API5CT - casing J55 (fob mill)	1,250-1,400*	9.28%	▲ 24 Apı
Latin American exports	on mille' nrince for ou	ant outside Latin	America of	AMM's appraisal of prices within the USA	for commercial-quai	lity carbon steel	of US or
Metal Bulletin's appraisal of Latin America commercial-quality carbon steel, \$ per to				Canadian origin, \$ per hundredweight, de	livery terms as indica	ated	
Billet	500-510*	0%	04 May 18	Merchant bar 3 x 3 1/4 angle (fob mill)	37-37*	4.96%	▲ 27 Apı
Slab, Brazil	560-600*	0%	04 May 18				
Rebar	560-565*	0%	04 May 18				
Wire rod mesh quality	560-565*	0%	04 May 18	CARBONSTEEL - ASIA			
Heavy plate over 10mm	670-680*	0%	04 May 18		Price	Change <sup>†</sup>	Asses
Hot rolled coil (dry)	635-640*	0%	04 May 18	China exports			
Cold rolled coil	735-745*	0%	04 May 18	Metal Bulletin's appraisal of Chinese mills	prices for export of a	commercial-qua	lity carbon s
Galvanized coil	800-810*	0%	04 May 18	\$ per tonne fob main China port			
South America imports				Rebar index	543-543*	0.43%	▲ 04 May
Metal Bulletin's appraisal of cfr prices for	imported, commercia	l-quality carbon s	teel,	Wire rod (mesh quality)	560-565*	-0.44%	▼ 02 May
				Heavy plate	610-620*	0.82%	<b>▲</b> 02 May
\$ per tonne cfr main ports							
''	630-640*	0%	04 May 18	Hot rolled coil index	587-587*		▲ 04 May
\$ per tonne cfr main ports	630-640* 620-630*	0%	04 May 18 04 May 18	Hot rolled coil index Cold rolled coil	610-625*	0.41%	<b>▲</b> 02 May
<i>\$ per tonne cfr main ports</i> Plate	620-630* 660-670*	0% -1.48% ▼	04 May 18 04 May 18				
\$ per tonne cfr main ports Plate Hot rolled coil	620-630*	0%	04 May 18	Cold rolled coil	610-625*	0.41%	<b>▲</b> 02 May
\$ per tonne cfr main ports Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-we Metal Bulletin's appraisal of prices within	620-630* 660-670* 750-760*	0% -1.48% ▼ 0%	04 May 18 04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in east Chinese origin, yuan per tonne ex-wareho	610-625* 685-695* ern China for comme	0.41% a 0% ercial-quality care	02 May 02 May bon steel of
\$ per tonne ofr main ports Plate Hot rolled coil Cold rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-wown Metal Bulletin's appraisal of prices within tonne	620-630* 660-670* 750-760* <b>orks</b> <i>Argentina for comme</i>	0% -1.48% ▼ 0% rcial-quality carbo	04 May 18 04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in east Chinese origin, yuan per tonne ex-wareho Rebar	610-625* 685-695* ern China for comme ouse 4,060-4,100*	0.41% a 0% ercial-quality cars 4.35% a	02 May 02 May bon steel of
\$ per tonne ofr main ports Plate  Hot rolled coil Cold rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-wown Metal Bulletin's appraisal of prices within tonne Hot rolled coil	620-630* 660-670* 750-760*  Orks  Argentina for comme 750-755*	0% -1.48% ▼ 0% rccial-quality carbo	04 May 18 04 May 18 04 May 18 on steel, \$ per 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in east. Chinese origin, yuan per tonne ex-wareho Rebar  Wire rod (mesh)	610-625* 685-695* ern China for comme buse 4,060-4,100* 4,050-4,080*	0.41%	02 May 02 May bon steel of  04 May
\$ per tonne ofr main ports Plate  Hot rolled coil Cold rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-wood Metal Bulletin's appraisal of prices within tonne Hot rolled coil Cold rolled coil	620-630* 660-670* 750-760*  Orks  Argentina for comme 750-755* 860-865*	0% -1.48% ▼ 0% rcial-quality carbo	04 May 18 04 May 18 04 May 18 04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in east. Chinese origin, yuan per tonne ex-wareho Rebar  Wire rod (mesh) Sections	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250*	0.41%	02 May 02 May bon steel of  04 May 04 May
\$ per tonne ofr main ports Plate  Hot rolled coil Cold rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-we Metal Bulletin's appraisal of prices within tonne Hot rolled coil Cold rolled coil Galvanized coil	620-630* 660-670* 750-760*  orks  Argentina for comme 750-755* 860-865* 1,070-1,170*	0% -1.48%	04 May 18 04 May 18 04 May 18 04 May 18 04 May 18 04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in east. Chinese origin, yuan per tonne ex-wareho Rebar Wire rod (mesh) Sections Plate	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250* 4,400-4,500*	0.41%	bon steel of  04 May  04 May  04 May  04 May
\$ per tonne ofr main ports Plate  Hot rolled coil Cold rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-we Metal Bulletin's appraisal of prices within tonne Hot rolled coil Cold rolled coil Galvanized coil Rebar	620-630* 660-670* 750-760*  Orks  Argentina for comme 750-755* 860-865*	0% -1.48% ▼ 0% rcial-quality carbo	04 May 18 04 May 18 04 May 18 04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in east. Chinese origin, yuan per tonne ex-wareho Rebar Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm)	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250* 4,400-4,500* 4,180-4,200*	0.41%	02 May 02 May 02 May bon steel of  04 May  04 May  04 May  04 May  04 May
\$ per tonne cfr main ports Plate  Hot rolled coil Cold rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-we Metal Bulletin's appraisal of prices within tonne Hot rolled coil Cold rolled coil Galvanized coil Rebar  Brazil domestic Metal Bulletin's appraisal of prices within	620-630* 660-670* 750-760*  orks  Argentina for comme  750-755* 860-865*  1,070-1,170* 860-865*	0% -1.48% ▼ 0%  rcial-quality carbo 0% 0% 0% 0%	04 May 18 04 May 18 04 May 18 01 May 18 02 May 18 04 May 18 04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in east. 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	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250* 4,400-4,500*	0.41%	bon steel of  04 May  04 May  04 May  04 May
\$ per tonne cfr main ports Plate  Hot rolled coil Cold rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-we Metal Bulletin's appraisal of prices within tonne Hot rolled coil Cold rolled coil Galvanized coil Rebar  Brazil domestic Metal Bulletin's appraisal of prices within tonne ex-works	620-630* 660-670* 750-760*  orks Argentina for comme 750-755* 860-865* 1,070-1,170* 860-865*  Description of the properties of the propert	0% -1.48% ▼ 0%  rcial-quality carbo 0% 0% 0% 0% -quality carbon st	04 May 18 04 May 18 04 May 18 01 May 18 02 May 18 04 May 18 04 May 18 04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in east 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	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,200-4,250* 4,400-4,500* 4,180-4,200* 5,000-5,070*	0.41% 4 0%  ercial-quality care 4.35% 4 4.36% 4 1.44% 4 2.53% 4 1.22% 4 2.23% 4	
\$ per tonne ofr main ports Plate  Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-wood main prices within tonne Hot rolled coil  Cold rolled coil  Galvanized coil  Rebar  Brazil domestic  Metal Bulletin's appraisal of prices within tonne ex-woorks Hot rolled coil	620-630* 660-670* 750-760*  orks  Argentina for comme 750-755* 860-865* 1,070-1,170* 860-865*  ### Brazil for commercial 2,500-2,600*	0% -1.48% ▼ 0%  rcial-quality carbo 0% 0% 0% -quality carbon st	04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in east. 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 nort.	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250* 4,400-4,500* 4,550-4,600* 5,000-5,070*  thern China for comme	0.41% 4 0%  ercial-quality care 4.35% 4 4.36% 4 1.44% 4 2.53% 4 1.22% 4 2.23% 4	
\$ per tonne cfr main ports Plate  Hot rolled coil Cold rolled coil Galvanized coil  Argentina domestic \$ per tonne ex-wood main point and prices within tonne Hot rolled coil Cold rolled coil Galvanized coil Rebar  Brazil domestic Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Cold rolled coil Cold rolled coil Cold rolled coil	620-630* 660-670* 750-760*  orks  Argentina for comme 750-755* 860-865* 1,070-1,170* 860-865*  Parazil for commercial 2,500-2,600* 2,800-2,900*	0% -1.48% ▼ 0%  rcial-quality carbo 0% 0% 0% 0% -quality carbon st	04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in east 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 nort Chinese origin (Tangshan), yuan per tonn	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250* 4,180-4,200* 4,550-4,600* 5,000-5,070*  thern China for comme e ex-works	0.41%	
\$ per tonne cfr main ports Plate Hot rolled coil Cold rolled coil Galvanized coil Argentina domestic \$ per tonne ex-we Metal Bulletin's appraisal of prices within tonne Hot rolled coil Cold rolled coil Galvanized coil Rebar Brazil domestic Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil	620-630* 660-670* 750-760*  orks  Argentina for comme  750-755* 860-865*  1,070-1,170* 860-865*  d Brazil for commercial  2,500-2,600* 2,800-2,900* 3,000-3,200*	0% -1.48% ▼ 0%  rcial-quality carbo 0% 0% 0% -4-quality carbon st. 0% 0% 0%	04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in east 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 nort Chinese origin (Tangshan), yuan per tonn Billet  Metal Bulletin's appraisal of prices in nort	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250* 4,180-4,200* 4,550-4,600* 5,000-5,070*  thern China for comme e ex-works 3,660-3,660* thern China for comme	0.41% 4 0% ercial-quality care 4.35% 4 4.36% 4 1.44% 4 1.58% 4 1.22% 4 2.23% 4 ercial-quality care	
\$ per tonne cfr main ports Plate  Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-wood main prices within tonne Hot rolled coil  Cold rolled coil  Galvanized coil  Rebar  Brazil domestic  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil  Cold rolled coil  Cold rolled coil  Hot dip galvanized coil  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil	620-630* 660-670* 750-760*  orks  Argentina for comme  750-755* 860-865*  1,070-1,170* 860-865*  d Brazil for commercial  2,500-2,600* 2,800-2,900* 3,000-3,200*	0% -1.48% ▼ 0%  rcial-quality carbo 0% 0% 0% -quality carbon st 0% 0% 0% -quality carbon st	04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic  Metal Bulletin's appraisal of prices in east 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 nort Chinese origin (Tangshan), yuan per tonn Billet	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250* 4,180-4,200* 4,550-4,600* 5,000-5,070*  thern China for comme e ex-works 3,660-3,660* thern China for comme	0.41%	
\$ per tonne ofr main ports Plate  Hot rolled coil  Cold rolled coil  Galvanized coil  Argentina domestic \$ per tonne ex-wood main prices within tonne Hot rolled coil  Cold rolled coil  Galvanized coil  Rebar  Brazil domestic  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil  Cold rolled coil  Cold rolled coil  Hot dip galvanized coil  Metal Bulletin's appraisal of prices within tonne ex-works Hot rolled coil Hot dip galvanized coil	620-630* 660-670* 750-760*  orks  Argentina for comme 750-755* 860-865* 1,070-1,170* 860-865*  Description of the properties of the proper	0% -1.48% ▼ 0%  rcial-quality carbo 0% 0% 0% -quality carbon st 0% 0% 0% -quality carbon st	04 May 18 04 May 18	Cold rolled coil Galvanized coil 1mm  Eastern China domestic Metal Bulletin's appraisal of prices in east 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 nort Chinese origin (Tangshan), yuan per tonn Billet Metal Bulletin's appraisal of prices in nort Chinese origin, yuan per tonne ex-wareho	610-625* 685-695*  ern China for comme use 4,060-4,100* 4,050-4,080* 4,200-4,250* 4,180-4,200* 4,550-4,600* 5,000-5,070*  thern China for comme e ex-works 3,660-3,660* thern China for comme use	0.41% 4 0% ercial-quality care 4.35% 4 4.36% 4 1.44% 4 2.53% 4 1.22% 4 2.23% 4 ercial-quality care 2.52% 4 ercial-quality care	

Southern China domestic  Metal Bulletin's appraisal of prices in south Chinese origin, yuan per tonne ex-warehood Rebar  Wire rod (mesh)  Sections  Plate  Hot rolled coil (min 2mm)  Cold rolled coil (0.5 - 2 mm)  Hot-dip galvanized coil  Southeast Asia imports  Metal Bulletin's appraisal of prices in South tonne cfr  Billet  Slab (Asia/East Asia)  Hot rolled coil (Vietnam)  Rebar (Singapore)  Wire rod (low carbon)	4,300-4,350* 4,270-4,300* 4,250-4,290* 4,560-4,600* 4,150-4,200* 5,070-5,100*  heast Asia for commen	3.72%	Assessed  rbon steel of  04 May 18  04 May 18	Asia import \$/tonne cif East Asian port Grade 304 2mm CR coil 2B Grade 304 HR sheet China domestic yuan/tonne, in-warehouse Grade 304 2mm CR coil	Price 2,170-2,300* 2,150-2,220*	<i>Change</i> †  0%  0%	02 May 18
Metal Bulletin's appraisal of prices in south Chinese origin, yuan per tonne ex-warehou Rebar Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Southeast Asia imports Metal Bulletin's appraisal of prices in South tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	4,300-4,350* 4,270-4,300* 4,250-4,290* 4,560-4,600* 4,150-4,200* 5,070-5,100*  heast Asia for commen	3.72%	04 May 18 04 May 18 04 May 18 04 May 18 04 May 18 04 May 18	\$/tonne cif East Asian port Grade 304 2mm CR coil 2B Grade 304 HR sheet China domestic yuan/tonne, in-warehouse	2,170-2,300*	0%	02 May 1
Chinese origin, yuan per tonne ex-warehout Rebar Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Southeast Asia imports Metal Bulletin's appraisal of prices in Souti tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	4,300-4,350* 4,270-4,300* 4,250-4,290* 4,560-4,600* 4,150-4,200* 5,070-5,100*  heast Asia for commen	3.72%	04 May 18 04 May 18 04 May 18 04 May 18 04 May 18 04 May 18	\$/tonne cif East Asian port Grade 304 2mm CR coil 2B Grade 304 HR sheet China domestic yuan/tonne, in-warehouse			
Wire rod (mesh) Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Southeast Asia imports Metal Bulletin's appraisal of prices in Souti tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	4,270-4,300* 4,250-4,290* 4,560-4,600* 4,150-4,200* 4,570-4,620* 5,070-5,100*  heast Asia for commen	3.88% 1.43% 2.35% 2.33% 1.21% 1.09%	04 May 18 04 May 18 04 May 18 04 May 18 04 May 18	Grade 304 2mm CR coil 2B Grade 304 HR sheet China domestic yuan/tonne, in-warehouse			
Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil  Southeast Asia imports Metal Bulletin's appraisal of prices in South tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	4,250-4,290* 4,560-4,600* 4,150-4,200* 4,570-4,620* 5,070-5,100* heast Asia for comments	1.43%	04 May 18 04 May 18 04 May 18 04 May 18	Grade 304 HR sheet  China domestic yuan/tonne, in-warehouse			
Sections Plate Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil  Southeast Asia imports Metal Bulletin's appraisal of prices in South tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	4,560-4,600* 4,150-4,200* 4,570-4,620* 5,070-5,100* heast Asia for comments	2.35%	04 May 18 04 May 18 04 May 18 04 May 18	China domestic yuan/tonne, in-warehouse	2,150-2,220*	0%	02 May 1
Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Southeast Asia imports Metal Bulletin's appraisal of prices in South tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	4,560-4,600* 4,150-4,200* 4,570-4,620* 5,070-5,100* heast Asia for comments	2.33% <b>4</b> 1.21% <b>4</b> 1.09% <b>4</b>	04 May 18 04 May 18 04 May 18	yuan/tonne, in-warehouse			
Hot rolled coil (min 2mm) Cold rolled coil (0.5 - 2 mm) Hot-dip galvanized coil Southeast Asia imports Metal Bulletin's appraisal of prices in South tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	4,150-4,200* 4,570-4,620* 5,070-5,100* heast Asia for comments	2.33% <b>4</b> 1.21% <b>4</b> 1.09% <b>4</b>	04 May 18 04 May 18	-			
Cold rolled coil (0.5 - 2 mm)  Hot-dip galvanized coil  Southeast Asia imports  Metal Bulletin's appraisal of prices in South tonne cfr  Billet Slab (Asia/East Asia)  Hot rolled coil (Vietnam)  Rebar (Singapore)	4,570-4,620* 5,070-5,100* heast Asia for comme. 540-555*	1.21% <b>1</b> .09% <b>1</b>	04 May 18	Grade 304 2mm CB coil			
Hot-dip galvanized coil  Southeast Asia imports  Metal Bulletin's appraisal of prices in South tonne cfr  Billet  Slab (Asia/East Asia)  Hot rolled coil (Vietnam)  Rebar (Singapore)	5,070-5,100* heast Asia for comme 540-555*	1.09%		GIAUT 304 ZIIIII ON COII	14,200-14,800*	-0.34% <b>T</b>	7 03 May 1
Southeast Asia imports  Metal Bulletin's appraisal of prices in South tonne cfr  Billet  Slab (Asia/East Asia)  Hot rolled coil (Vietnam)  Rebar (Singapore)	heast Asia for comme 540-555*			Grade 430 2mm CR coil	8,700-8,750*	-1.13%	03 May 1
Metal Bulletin's appraisal of prices in South tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	540-555*	roin! aval!t		EU export			
tonne cfr Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)	540-555*			€/tonne fob N.European port			
Billet Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)		iciai-quality cal	bon steel \$ per	Min 100 tonne lot			
Slab (Asia/East Asia) Hot rolled coil (Vietnam) Rebar (Singapore)		0.000/	20 1 2 2 1 2	Grade 304 2mm CR sheet	2,435-2,534*	0%	04 May 1
Hot rolled coil (Vietnam) Rebar (Singapore)	FC0 F70+	0.92%		EU domestic	2, 100 2,00 1	070	O T Way 1
Rebar (Singapore)	560-570*	-2.16% <b>T</b>			0		
, , ,	590-605*	0%	30 Apr 18	2mm 304 cold rolled stainless sheet, €/tonne		00/	04 May 1
Wire rod (low carbon)	540-550*	0%	30 Apr 18	N.Europe Base price	1,050-1,100*	0%	04 May 1
,	565-575*	0%	30 Apr 18	Alloy surcharge	1,385-1,434*	0%	04 May 1
Indian exports				2mm 316 cold rolled stainless sheet, €/tonno		00/	0.414
Metal Bulletin's appraisal of Indian mills' p	rices for export of con	nmercial-qualit	/ carbon steel,	Base price	1,350-1,410*	0%	04 May 1
\$ per tonne fob main India port				Alloy surcharge	2,086-2,147*	0%	04 May 1
Billet	505-510*	0%	04 May 18	304 stainless steel bright bar, €/tonne			
Plate (12-40mm)	635-640*	0%	04 May 18	Base price	1,000-1,040*	0%	04 May 1
Hot rolled coil (commodity)	630-640*	-1.93% <b>T</b>	7 04 May 18	Alloy surcharge	1,710-1,760*	0%	04 May 1
Hot-dip galvanized coil	865-870*	0.58%	▲ 04 May 18	US domestic			
Indian imports				AMM's appraisal of prices within the USA for	r commercial-qualit	ty stainless stee	l of US or
Metal Bulletin's appraisal of prices for imp	orted non-FII origin	commercial-qu	ality carbon	Canadian origin, \$ per hundredweight, fob			
steel, \$ per tonne cfr main India port	ortoa, non 20 ongm,	oommoronar qu	and careen	Grade 304 coiled plate	123-123*	8.89%	10 Apr 1
Plate (20-60mm)	640-650*	0%	04 May 18	Grade 316 coiled plate	172-172*	7.5%	10 Apr 1
Hot rolled coil (commodity)	660-665*	0%	04 May 18	Grade 304 cold rolled sheet	138-138*	0%	25 Apr 1
Hot rolled coil (CR grade)	620-625*	0%	04 May 18	Grade 316L cold rolled sheet	184-184*	0%	25 Apr 1
Cold rolled	655-660*	0%	04 May 18	Raw materials index			
Indian domestic				EU domestic stainless steel\$ per tonne			
	India for an managaial	uualitu aarban a	tool wunnen new	304 Europe raw materials index	1,562.21*	-3.32% <b>T</b>	7 30 Apr 1
Metal Bulletin's appraisal of prices within I tonne ex-works	nuia ioi commerciai-q	juanily Garbon S	leei, rupees per				
Billet	35,600-35,800*	0.28%	04 May 18	CHINA IRON ORE			
Heavy plate	43,000-43,500*	0%	04 May 18	cfr main China port \$ per dry metric tonne			
• • • • • • • • • • • • • • • • • • • •				on main onma port & por ary motino tormo	Brico	Channat	Assesse
Hot rolled coil	45,300-45,800*			Iron are index (COO/ Fe)	Price	Change <sup>†</sup>	
Cold rolled coil	50,000-50,550*		04 May 18	Iron ore index (62% Fe)	66.28*	0.91%	
DRI	22,300-22,500*	0.45%		Iron ore pellet index cfr Qingdao (65% Fe)	112.67*	0.34%	04 May 1
Hot-dip galvanized coil	54,500-55,050*	1.44%		Iron ore concentrate index cfr Qingdao (66% Fe)	90.53*	1.07%	04 May 1
Rebar	39,400-39,600*	0.25%	▲ 04 May 18	Metal Bulletin Indicator for US\$/%	30.33	1.07 /6	L 04 May 1
				Fe in iron ore fines cfr Quingdao	1.25*	4.17%	02 May 1
STEELBENCHMARKER™ PRICES				3			
STEELBENGHWARKER PRICES				IRAN IRON ORE			
	Price	Change <sup>†</sup>	Assessed	cfr China US \$ per tonne			
Region: USA east of the Mississippi				он онна оз френонне	p	01-	
Standard plate (\$/metric tonne)	1,034	0.29%	23 Apr 18		Price	Change <sup>†</sup>	Assesse
Standard plate (\$/short ton)	938	0.21%	23 Apr 18	Iron ore fines index (60% Fe)	66.87-66.87*	3.1%	03 Jan 1
Hot rolled coil (\$/metric tonne)	955	1.49%	23 Apr 18	OOMING COM			
Hot rolled coil (\$/short ton)	866	1.41%		COKING COAL			
Cold rolled coil (\$/metric tonne)	1,072	-0.46% <b>T</b>		\$ per metric tonne			
Cold rolled coil (\$/short ton)	973	-0.41%			Price	Change <sup>†</sup>	Assesse
Region: Mainland China			5	Premium hard coking coal cfr China	190.19-190.19*	3.8%	04 May 1
•	519	3.59%	22 Apr 10	Hard coking coal cfr China	175.87-175.87*		
Rebar				Premium hard coking coal fob			
Ctandard plata	567	2.53%	·	Australia	179.14-179.14*	3.81%	04 May 1
Standard plate	542	3.44%	·	Hard coking coal fob Australia	167.36-167.36*	2.83%	04 May 1
Hot rolled coil	614	0.49%	23 Apr 18				
Hot rolled coil Cold rolled coil	011		20 Apr 10	China hard coking coal Shanxi spot			
Hot rolled coil	011		20Api 10	China hard coking coal Shanxi spot market domestic delivered yuan/tonne	1,350-1,700*	-1.61% <b>V</b>	7 04 May 1
Hot rolled coil Cold rolled coil	617	0%	23 Apr 18		1,350-1,700* 315-325*	-1.61% 4.07%	

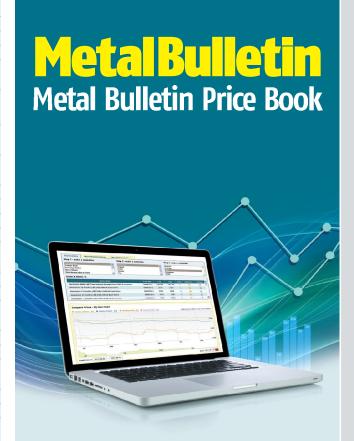
7 May 2018   Metal Bulletin Daily	Number 955	9.1				Copyright © 2	2002-2018	Met	al Bulletin
FERROUS SCRAP						Price	Change		Assessed
	Price	Change <sup>t</sup>		Assessed	Turkish domestic				
UK ferrous scrap domestic					MB assessment delivered				
The following is Metal Bulletin's evaluation o	f UK prices for pr	ocessed scrap	deliv	ered to	Melting scrap from shipbreaking	0.40.055*	4.440/		004 40
consumers within the month listed. Prices m	nay vary according	g to region and	dest	ination, and	(\$/tonne)	348-355*	1.44%		30 Apr 18
should be read in conjunction with editorial of	comment on the F	errous scrap p	ages.		Auto bundle scrap (Turkish lira/tonne)	1,370-1,500*	3.61%		30 Apr 18
£/tonne					USA export				
Cut grades					AMM ferrous scrap export index \$/tonne Ea				
OA plate and structural	200-225*	-6.59%	▼	12 Apr 18	HMS 1&2 (80:20)	325.75*	-3.19%	•	02 May 18
1&2 old steel	180-205*	-7.23%	▼	12 Apr 18	Shredded	331*	-0.6%	•	02 May 18
12A/C new production heavy and shovellable steel	215-240*	-4.21%	•	12 Apr 18	USA domestic  AMM Midwest index \$/gross ton delivered i	nill			
12D new production heavy and	000 045*	4.100/	_	10 Apr 10	No1 heavy melting scrap	346.98*	4.93%	•	10 Apr 18
shovellable steel	220-245*	-4.12%	•	12 Apr 18	No1 busheling	384.43*	2.71%	<b>A</b>	10 Apr 18
Bales and cuttings	000 045*	4.400/	_	40.440	Shredded	374.19*	4.37%	<b>A</b>	10 Apr 18
4A new steel bales	220-245*	-4.12%	<b>▼</b>	12 Apr 18	China domestic				
4C new steel bales 8A new loose light cuttings	210-235* 205-235*	-4.3% -4.35%	₹	12 Apr 18	yuan/tonne delivered mill				
	190-220*	-4.65%	<b>*</b>	12 Apr 18	Heavy scrap	2,340-2,530*	4.28%	•	04 May 18
8B new loose light cuttings	190-220	-4.03%	_	12 Apr 18	Taiwan import			_	
Turnings  UK inter-merchant 7B heavy steel									
turnings	160-180*	-8.11%	•	12 Apr 18	\$/tonne cfr main port  HMS 1.8.2 (80:20 mix) (USA material)	340-343*	0%		04 Mov 40
Cast iron				,	HMS 1&2 (80:20 mix) (USA material)	340*343	U /0		04 May 18
9A/10 heavy and light cast iron	180-205*	-7.23%	▼	12 Apr 18	Germany domestic				
9B/C cylinder block scrap	200-225*	-6.59%	▼	12 Apr 18	€/tonne composite sales price ex-yard, soul			_	
11A cast iron borings	120-140*	-10.34%	▼	12 Apr 18	No E2/8 (new steel scrap)	270.40	-0.48%	<u> </u>	03 Apr 18
Prices relate to new UK scrap specifications					No E1 (old steel scrap)	243.5	-1.5%	<u> </u>	03 Apr 18
Please see MB.com for full explanation of pri	ica changas				No E3 (old thick steel scrap)	267.5	-0.82%		03 Apr 18
·	ice changes				No E40 (shredded steel scrap)	273.20	-0.4%	_	03 Apr 18
UK intermerchant weekly price					No E5 (steel turnings)	220.60	-1.43%		03 Apr 18
£/tonne	00.400*	00/		041440	MB assessment €/tonne delivered at mill				
5C loose old light	90-120*	0%		04 May 18	Grade E40 (shredded steel scrap)	285-305	0%		13 Apr 18
UK ferrous scrap export					No E8 (thin new production steel scrap)	290-300	1.72%	•	13 Apr 18
MB assessment \$ fob main UK port					No E3 (old thick scrap)	280-300	0%	_	13 Apr 18
HMS 1&2 (80:20 mix)	322-330*	0%		04 May 18		200-300	0 70		10 Apr 10
Shredded	334-336*	0%		04 May 18	Italy domestic				
Indian imports					MB assessment €/tonne delivered at mill	005	0.50/	_	101 10
MB assessment \$/tonnne cfr Nhava Sheva					No E3 (old thick scrap)	285	-2.5%	Ť	16 Apr 18
MB index cfr India shredded	390.73*	1.45%	<b>A</b>	04 May 18	No E8 (thin new production steel)	300	-1.61%	•	16 Apr 18
HMS 1&2 (80:20 mix)	350-380*	2.1%	<b>A</b>	04 May 18					
Alloy steel scrap domestic					SCRAP SUBSTITUTES				
UK wholesale merchants' stainless (£/tonne,	)					Price	Change <sup>†</sup>		Assessed
18/8 solids	950-1,000*	1.04%	$\blacktriangle$	04 May 18	EU imports \$/tonne				
18/8 turnings	810-850*	0.91%	<b>A</b>	04 May 18	Pig iron imports cif Italy	385-390*	-1.27%	•	03 May 18
12-13% Cr solids	230-270*	0%		04 May 18	Latin American exports \$/tonne, delive		1.2.70		00 1114) 10
16-17% Cr solids	260-300*	0%		04 May 18	Hot briquetted iron Venezuela	250-260*	0%		04 May 18
Cif Europe stainless € per tonne					Pig iron fob Vitorio/Rio	390-395*	-1.26%	▼	04 May 18
18/8 solids	1,180-1,200*	-1.65%	▼	04 May 18	Pig iron fob Ponta da Maderia	400-405*	-1.23%	Ť	04 May 18
18/8 turnings	1,060-1,080*	-1.83%	▼	04 May 18	US imports \$/tonne cfr Gulf of Mexico	100 100	1.20 /0		0+IVIQY TO
Rotterdam export					Pig iron	400-410*	-1.82%	•	04 May 19
MB assessment \$/tonnne fob Rotterdam						400-410	-1.02 /0		04 May 18
MB index fob Rotterdam HMS 1&2					CIS exports \$/tonne fob main port	400 405*	0.400/	_	00.0440
(80:20)	326.76*	1.12%	$\blacktriangle$	04 May 18	Pig iron Baltic Sea	400-405*	-2.42%	Ť	03 May 18
HMS 1&2 (70:30 mix)	316-317*	0%		04 May 18	Pig iron Black Sea	365-385*	-0.66%	_	03 May 18
Shredded	326-327*	0%		04 May 18	China domestic yuan/tonne delivered w		0.01		465
Turkish import					Pig iron	3,000-3,050*	0%		16 Feb 18
MB assessment \$/tonne cfr main Turkish po	rts								
MB index cfr Turkey HMS 1&2 (80:20) (North Europe material)	345.64*	0.61%	•	04 May 18					
MB index cfr Turkey HMS 1&2 (80:20)									
(United States material)	355.93*	0.88%	<b>A</b>	04 May 18					
HMS 1&2 (75:25 mix)	335-336*	0%		04 May 18					
Shredded	345-359*	0%		04 May 18					

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NON-FERROUS SCRAP EUROPE	Number 9559			STEELBENCHMARKER™ SCRAP PRIC	Copyright ©			
NON-TENNOUS SUNAP EUROPE	Dring	Channet	Accessed	STEELBENORMARKER SCRAPPRIC		Channat		//
Aluminium	Price	Change <sup>†</sup>	Assessed	Degion, USA cost of the Mississippi	Price	Change <sup>†</sup>		Assessi
				Region: USA, east of the Mississippi	274	1 200/	_	00 000
European free market MB assessment €/to		00/	041440	Shredded scrap (\$/metric tonne) **	374	-1.32%	<u> </u>	23 Apr
Floated frag	1,270-1,310*	0%	04 May 18	Shredded scrap (\$/gross ton)**	380	-1.3%		23 Apr
Cast	1,180-1,240*	0%	04 May 18	No 1 heavy melting scrap (\$/metric tonne)	344	-1.43%	▼	23 Apr
Mixed turnings 6%	1,065-1,100*	0%	04 May 18	No 1 heavy melting scrap (\$/gross	044	1.4070		20 Api
Germany per 1000kg				ton)	350	-1.41%	▼	23 Apr
Pure cuttings	1,460-1,560		02 May 18	No 1 busheling scrap (\$/metric				
Commercial cast	1,250-1,370		7 02 May 18	tonne)	389	0%		23 Apr
19 extrusions	1,790-1,890		02 May 18	No 1 busheling scrap (\$/gross ton)	395	0%		23 Apr
Alloy turnings	1,000-1,090	-2.79%	7 02 May 18	**For shredded scrap the region is for all bu	t the West Coast			
Source: VDM								
rance per 1000kg				UK NON-FERROUS SCRAP				
Pure cuttings	1,700-1,720	2.7%	▲ 01 May 18		Price	Change <sup>†</sup>		Asses
Old rolled	750-780	0%	01 May 18	Aluminium - actual price				
Commercial cast	880-920	0%	01 May 18					
Source: Lettre d'Information Metaux				£ per tonne	1 200 1 110*	00/		00.84-
taly per 1000kg				Group 1 pure 99% & Litho	1,390-1,440*	0%		02 May
Pure cuttings	1,190-1,230	0.83%	27 Apr 18	Commercial pure cuttings	1,150-1,200*	0%		02 May
Ild mixed scrap	1,660-1,715		27 Apr 18	Clean HE9 extrusions	1,390-1,440*	0%		02 May
Commercial cast	1,045-1,080	0.47%	· · · · · ·	Loose old rolled cuttings	850-880*	0%		02 May
Source: Assomet	1,010 1,000	0.11 /0		Baled old rolled	915-945*	0%		02 May
				Commercial cast	1,020-1,050*	0%		02 Ma
Copper				Cast wheels	1,260-1,290*	0%		02 May
Germany per 1000kg				Commercial turnings	680-720*	0%		02 May
opper wire (berry)	5,440-5,540		02 May 18	Group 7 turnings	585-605*	0%		02 Ma
leavy copper	4,900-5,100	0%	02 May 18	MB and LME aluminium scrap discounts	3			
leavy brass	3,560-3,760	0.55%	02 May 18	£ per tonne				
Brass turnings (MS 58)	3,970-4,070	0.5%	02 May 18	Group 1 pure 99% & Litho	190-240*	-26.62%	▼	02 May
rass sheet (MS 63)	4,170-4,270	0.48%	02 May 18	Commercial pure cuttings	430-480*	-14.63%	<b>T</b>	02 Ma
Source: Verein Deutscher Metallhandler				Clean HE9 extrusions	190-240*	-26.62%	<b>T</b>	02 May
rance per 1000kg				Loose old rolled cuttings	568-598*	-2.67%	Ť	02 Ma
lectro cuttings	5,100-5,125	0%	01 May 18	Baled old rolled	503-533*	-3%	Ť	02 Ma
lo 1 bright wire	4,750-4,780	0%	01 May 18	Commercial cast	398-428*	-3.73%	Ť	02 May
/lixed (96%)	4,700-4,740	0.96%	01 May 18	Cast wheels	158-188*			
Brass plate cuttings 70/30	3,800-3,850	0%	01 May 18			-8.47%	<u> </u>	02 May
Brass turnings	3,300-3,350	0%	01 May 18	Commercial turnings	728-768*	-2.09%	_	02 Ma
Aixed brass	3,250-3,350	0%	01 May 18	Group 7 turnings	843-863*	-1.84%	▼	02 Ma
Source: Lettre d'Information Metaux	0,200 0,000	0,0		Titanium				
				\$/lb cif				
laly per 1000kg	5 040 5 470	0.400/	7 07 4 10	Turnings, unprocessed type 90/6/4				
lectrolytic dd EN 12861-S-Cu-2	5,310-5,470	-0.46%		(0.5% Sn max)	0.95-1*	0%		02 May
Enamelled wire EN 12861-S-Cu-3	5,188-5,350	-0.47%	27 Apr 18	Turnings, unprocessed 90/6/4 (over	0.00.0.00*	00/		00 M-
New from tubes, strips etc EN 2861-S-Cu-4	5,212-5,440	-0.47%	7 27 Apr 18	0.5% max 2% Sn)	0.80-0.90*	0%		02 May
Old from tubes, strips etc	0,2.2 0,110	J /0	2(р. 10	Copper scrap discount				
2861-S-Cu-7	5,040-5,210	-0.49%	7 27 Apr 18	cents/lb				
N12861-S-Cu-Zn-1-A-Cu 63.5%	4,280-4,365	-0.8%		No 2 copper (birch/cliff) imported	06 00*	0.670/	_	20.4
Aired from values /tone EN				into China 94-96% cif China	26-28*	-3.57%	_	30 Ap
Aixed from valves/taps EN	2 405 2 005	-0.95%	7 27 Apr 18					
2861-S-Cu-Zn-6	3,495-3,825							

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NON-FERROUS FOUNDRY INGOTS			
	Price	Change <sup>†</sup>	Assessed
Aluminium UK £/tonne			
MB free market			
LM24 pressure diecasting ingot	1,630-1,680*	0%	02 May 18
LM6/LM25 gravity diecasting ingot	1,830-1,880*	0%	02 May 18
NB: prices expressed delivered consumer v	works, LM series as	specified in BS	1490
Aluminium Europe			
MB free market			
Duty paid delivered works pressure			
diecasting ingot price (DIN226/A380) - €/tonne	1,850-1,900*	0%	04 May 18
Aluminum US \$/lb delivered Midwest	1,030-1,900	0 /0	U4 IVIAY 10
	0.00.1.01*	0%	02 May 19
A380.1 alloy	0.99-1.01*	U 70	03 May 18
AFFIMET €/tonne	0.700	7.000/	• 0414 40
AS12	3,789		▲ 01 May 18
AS12 UN	2,985	1.7%	▲ 01 May 18
AS9 U3	2,360		▲ 01 May 18
AS5 U3	2,710	1.88%	▲ 01 May 18
Reflects generally larger traded lots			
VDM €/1000 kg delivered			
DIN 226	2,490-2,590	0%	02 May 18
DIN 231	2,570-2,670	0%	02 May 18
DIN 311	2,550-2,650	0%	02 May 18
Aluminium bronze £/tonne UK			
AB1 ex-works	5,040	0%	01 May 18
AB2 ex-works	4,970	0%	01 May 18
Source: C.F. Booth Ltd			
Brass UK £/tonne			
SCB3 ex-works	4,090	0%	01 May 18
High tensile HTB1 ex-works	4,450	0%	01 May 18
Source: C.F. Booth Ltd			
Gunmetal UK £/tonne			
LG2 85/5/5/5 ex-works	4,810	0%	01 May 18
LG4 87/7/3/3 ex-works	5,500	0%	01 May 18
G1 1.15 PB ex-works	6,120	0%	01 May 18
Source: C.F. Booth Ltd			
Phosphor bronze UK £/tonne			
PB1 ex-works	7,000	0%	01 May 18
Source: C.F. Booth Ltd			
Phosphor copper £/tonne			
10% P ex-works	6,400	0%	01 May 18
15% P ex-works	6,450	0%	01 May 18
Source: C.F. Booth Ltd			
Zinc alloys UK £/tonne			
Brock Metal Co contract alloy price (deliver	ed UK)		
Brock Metal ZL3	2,877	-3.75%	▼ 03 Apr 18
Brock Metal ZL5	2,903		▼ 03 Apr 18
	,		



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# Monthly averages: April

DACE METALO		
BASE METALS		
	Low	High
Aluminium		
Aluminium P1020A, in-warehouse Ro	otterdam premium, duty unpaid,	
spot\$/tonne	125.90	137.65
Aluminium P1020A, in-warehouse Ro	otterdam duty paid,	
spot \$/tonne	202.75	215
Alumina		
Index fob Australia	573.47	
Copper		
US High-grade cathode premium		
indicator, \$/tonne	121.25	132.28
Nickel		
Free market in warehouse premium		
Europe \$/tonne Uncut cathodes	230	280
4x4 cathodes	360	420
Briquettes	275	300
Tin		
European free market		
Spot Premium 99.9%, \$/tonne	353.75	382.5
Spot premium 99.85%, \$/tonne	262.5	312.5
Kuala Lumpur (ex-smelter), \$/tonne	21,141.43	

MINOR METALS		
Antimony		
MB free marketRegulus 99.65%,		
max Se 50ppm, in warehouse,\$/tonne	8,343.75	8,462.5
MMTA Standard grade II, \$/tonne	8,312.5	8,450
Bismuth		
MB free market min. 99.99%, tonne lots, in warehouse, \$/lb	5.10	5.33
Cadmium	3.10	3.33
MB free market	454.00	450.00
min 99.95%, in warehouse, cents/lb	151.38	158.88
min 99.99%, in warehouse cents/lb	154.5	170.63
Cobalt		
MB free market		
High Grade, in warehouse, \$/lb	43.45	44.53
Low Grade, in warehouse, \$/lb	43.45	44.35
Germanium Dioxide		
MB free market min 99.99%, \$/kg	1,070	1,320
Rotterdam, \$/kg	1,700	1,792.5
Indium		
MB free market ingots, min 99.97%,		
in warehouse, \$/kg	335.63	362.5
Magnesium		
MB free market min 99.8%, \$/tonne	2,437.5	2,493.75
China free market min 99.8%, \$/tonne	2,420	2,455
Mercury		
MB free marketmin 99.99%,		
in warehouse, \$/flask	2,875	3,225

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Selenium	Low	High	
MB free market min 99.5% in warehouse, \$/lb	23.38	25.5	
Silicon			
Grade 441, min 99% Si in-warehouse Rotterdam, €/tonne	2,241.25	2,287.5	
Titanium			
Ferro-Titanium, 70% (max 4.5% Al), d/d Europe, \$/kg	4.56	5.23	
a, a Europo, w, ng	1.00	0.20	

ORES & ALLOYS		
	Low	High
Molybdenum		
Free market in warehouse Europe drummed molybdic		
oxide \$/lb Mo	12.12	12.33
US canned molybdic oxide \$/lb Mo	12.30	12.53
Ferro-molybdenum		
basis 65% min, in-warehouse		
Rotterdam, \$/kg Mo	29.28	29.74w
Tungsten		
European free market APT, \$/mtu	325	330.5
Ferro-tungsten		
basis 75% W min, \$/kg	39.74	40.75
Vanadium		
min 98%, in-warehouse Rotterdam,		
V205, \$/lb	15.23	15.85
Ferro-vanadium		
basis 78% min, free delivery duty		
paid consumer plant, 1st grade Western	60.46	70.00
Europe, \$/kg V	68.46	70.23
US Free market 70-80%, \$/lb	33.91	35.25

PRECIOUS METALS			
Gold			
London \$/troy oz	Morning	1,334.38	
	Afternoon	1,334.74	
London £/troy oz	Morning	948.17	
	Afternoon	947.78	
\$/troy oz	Handy/Harman	1,334.76	
Palladium			
Morning \$/troy oz		969.95	
Afternoon \$/troy oz		970.55	
Platinum: per troy oz			
Morning \$/troy oz		924.55	
Afternoon \$/troy oz		923.5	
Rhodium			
European free market min 99.9% in-warehouse, \$/troy o	)Z	2,024.25	2,124.25
Silver			
London			
spot pence/troy oz		1,180.10	
spot cents/troy oz		1,660.85	
Handy/Harman cents/troy oz		1,664.84	

†week-on-week change continued >

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FOUNDRY INGOTS					
	Low	High			
Aluminium					
LM24, £/tonne	1,620	1,665			
LM6/LM25, £/tonne	1,820	1,865			
Aluminium Europe €/tonne	1,802.5	1,852.5			
Phosphor Bronze					
PB1 ex-works, £/tonne	6,710				
Zinc Alloy					
ZL3, £/tonne	2,877				

EXCHANGE RATES (CLOSING RATES)	
\$/£	1.41
\$/yen	107.67
\$/€	1.23

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

LONDO		

High, low and average April (20 days) LME averages are mean of buyers and sellers except for

settlement and 3 months sellers.	50pt 101		
	Jan-Apr 201	8	April
	Low	High	average
	\$	\$	\$
Aluminium (\$)			
Cash	1,966.5	2,600	2,245.80
3 months	1,987.5	2,586.5	2,245.16
Settlement	1,967	2,602.5	2,246.40
3 months seller	1,988	2,587	2,245.73
Copper Grade A (\$)			
Cash	6,499.5	7,202.25	6,838.06
3 months	6,549	7,250.5	6,877.84
Settlement	6,500	7,202.5	6,838.55
3 months seller	6,550	7,251	6,879.03
Copper Grade A (£)			
Settlement	4,568.46	5,316.28	4,859.38
3 months seller	4,586.19	5,335.54	4,868.19
Lead (\$)			
Cash	2,300.25	2,682.75	2,356.95
3 months	2,302.5	2,655.5	2,357.48
Settlement	2,300.5	2,683	2,357.38
3 months seller	2,303	2,656	2,358.28
Lead (£)			
Settlement	1,633.54	1,928.42	1,675.09
3 months seller	1,625.25	1,915.31	1,668.89
Nickel (\$)			
Cash	12,410	15,705	13,930.75
3 months	12,465	15,785	13,963.5
Settlement	12,415	15,710	13,934.5
3 months seller	12,470	15,790	13,970.75
Tin (\$)			
Cash	19,957.5	22,102.5	21,328.38
3 months	19,912.5	21,907.5	21,152.75
Settlement	19,960	22,105	21,339.5
3 months seller	19,925	21,910	21,167

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	Jan-Apr 2018		April
	Low	High	average
	\$	\$	\$
Zinc (\$)			
Cash	3,097.5	3,617.5	3,190.48
3 months	3,105.5	3,585.5	3,195.85
Settlement	3,098	3,618	3,190.93
3 months seller	3,106	3,586	3,196.58
Cobalt (\$)			
Cash	75,250	95,250	90,612.5
3 months	75,250	95,250	90,775
Settlement	75,500	95,500	90,862.5
3 months seller	75,500	95,500	91,025
Molybdenum (\$)			
Cash	15,750	25,000	25,000
3 months	15,750	25,000	25,000
Settlement	16,000	26,000	26,000
3 months seller	16,000	26,000	26,000
Aluminium Alloy (\$)			
Cash	1,765	1,960	1,885.5
3 months	1,785	1,970	1,897
Settlement	1,770	1,965	1,890.30
3 months seller	1,790	1,975	1,902
Nasaa (\$)			
Cash	1,767.5	2,026.5	1,887.83
3 months	1,804.5	2,060	1,921.75
Settlement	1,770	2,027	1,890.48
3 months seller	1,807	2,065	1,926.5

1.41
107.67
1.23