

MMi Dashboard

Iron Ore Price Indices

Iron Ore Port Stock (FOT Qingdao) IOPI62 62% Fe Fines RMB/t

824

0 0.00%

May 19th, 2023

Iron Ore Port Stock (FOT Qingdao) IOPI65 65% Fe Fines RMB/t

935

0.00 0.00%

May 19th, 2023

Iron Port Stock (FOT Qingdao) IOPI58 58% Fe Fines RMB/t -0.99%

Iron Ore Seaborne (CFR Qingdao) IOSI62 62% Fe Fines USD/dmt

105.45

0.00 0.00%

May 19th, 2023

Iron Ore Seaborne (CFR Qingdao) IOSI65 65% Fe Fines USD/dmt

122.55

0.00 0.00%

May 19th, 2023

Iron Ore Port Stock (FOT Qingdao) IOPLI 62.5% Fe Lump RMB/t 940 25 2.73%

May 19th, 2023

Week Ending May 19th, 2023

Exchange Traded Contracts

DCE Iron Ore 62% Fines 12309 (Jan) RMB/t (3pm close)

736.00 -10.50

-1.41%

May 19th, 2023 (3pm close) SGX Iron Ore (CFR Qingdao) 62% Fe Fines June 23 USD/dmt 105.35 -1.31% -1.40

(5.30 pm Print) May 19th, 2023

SHFE Rebar RB2310 (Jan) RMB/t -1.14% May 19th, 2023 (3pm close)

Freight Rates

C3, Tubarao - Qingdao USD/t

21.03 -0.13 May 18th, 2023

C5, W. Australia - Qingdao USD/t

8.84 0.04 0.51%

May 18th, 2023

Steel Rebar (China Domestic) RMB/t

Steel Price

3720 40 1.09%

Week Ending May 19th, 2023

Inventory Levels

-0.60%

Iron Ore Inventory at Chinese Ports (35) million tonnes



124.38

1.95 1.59%

Week Ending May 19th, 2023

Steel Inventory in China million tonnes

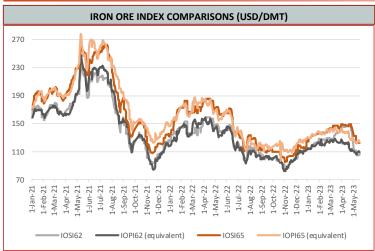


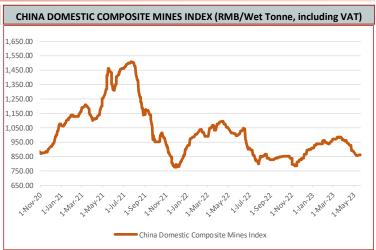
Steel Price

Steel HRC (China Domestic) RMB/t



MMi D	Mi Daily Iron Ore Index Report													May 19	9th, 202	3
	IRON ORE PORT STOC															
May 19th,	2023		FOT C	Qingdao (inc. 13% VAT)	, RMB/wet	tonne			CFR Qir	ngdao Eq	uivaler	nt (exc. 13%	6 VAT), USD	/dry tonne	, 1
Index	Fe Content	Price	Change	Change	% MTD	YTD	Low ²	High ²	Price	Chan	ge Cha	ange %	MTD	YTD	Low ²	High ²
IOPI62	62% Fe Fines	824	0	0.0%	869	880	858	892	108.83	-0.6	1 -	0.6%	120.06	120.58	117.93	122.93
IOPI58	58% Fe Fines	697	-7	-1.0%	813	798	761	793	92.47	-1.4	9 -:	1.6%	113.29	110.17	105.29	110.04
IOPI65	65% Fe Fines	935	0	0.0%	981	992	970	1003	124.01	-0.6	9 -	0.6%	136.05	136.43	133.84	138.73
		IR	ON ORE SE	ABORNE	INDEX (IOSI)						MARK	ET COMMI	ENTARY		
May 19th,	2023			CFR C	Qingdao, USD/	dry tonne			are not active to	purchase.The	overall trading	sentiment o	of the market is gene	5.The traders' willing eral.PBF at Shandong f May 19th, the total	port deal 795-797	yuan/mt,decrease 4
Index	Fe Conten	Price	Change	Change	% MTD	YTD	Low ²	High ²	was 124.38 mill million tons. Thi	ion tons. The d s week, ore pr	aily average dr ices continued	edging volun to rise, mark	ne of imported mine et activity weakened	es decreased by 1010 d, and the enthusiasr	00 tons on a weekl n for dredging was	/ basis to 2.762 average. The
IOSI62	62% Fe Fine		0.00	0.009		124.04	83.90	147.90	have the condit	ions to reduce	production, ma	king it diffic	ult for the productio	e demand for finished on of molten iron to de trong fluctuations ne	lecrease. Given goo	
IOSI65	65% Fe Fine	s 122.55	0.00	0.009	6 125.03	139.82	94.45	171.85								
Week Ending May 19th, 2023 FOT Qingdao (inc. 13% VAT), RMB/wet tonne CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne 3											2					
_	May 19th, 2023					-										
Index	Fe Content	Price	W-o-W	Change		YTD	Low ²	High ²	Price	W-o-		ange %	MTD	YTD	Low ²	High ²
IOPLI62	62.5% Fe Lump	940	25	2.7%	927	1027	770	1330	120.37	2.2		.86%	120.06	137.53	94.72	179.54
			IRO	N ORE D	OMESTIC CO				SMENTS A	AND CO	MPOSIT				. 3	
Week Endi	ng May 19th, Region	2023 Product		Basis	This week	RMB/tor Change	nne (exclu	Low 2	High ²		This wee		USD/tonne Change %	(excluding t		High ²
Hebei	Hanxin		Concentrate		927	0.8%		779	1645		132.72		-0.09%	110.i		255.69
Hebei	Qian'ar	,	Concentrate	'	1010	0.5%		780	1630		144.60		-0.35%	110		251.57
Liaoning	Anshan		Concentrate	'	715	0.0%		620	1310		102.37		-0.84%	87.4		202.32
Shandong	Zibo		Concentrate		930	0.9%		800	1752		133.15		0.02%	117.:		272.32
	g May 19th, 202			This v			Low ²	High ²	¹ Exchange rate applied: RMB/USD = 6.7522							
China Mines	Concentrate Co	mposite Ind	ex RMB/WT	862	.62 0.8	66%	706.36	1511.22 ³ Weekly exchange rate applied: RMB/USD = 6.87528								
	IRON	ORE PORT	INDEX, FO	T QING	DAO (RMB/W	/T)			IRON	ORE SEA	BORNE	INDEX	, CFR QING	GDAO (USD	/DMT)	
2000 —								320 —								
1800 —	- Ar	Λ						270 ——								
1600 —		1							J.W	~}						
1400		1/2		AMA.				220	~//\	my.						
1000		بالمل	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	MANA	M	*********	May .	170		- W	\ n	7/	-wall			
800 —		\ Y	1	Janes Janes	Mary	A COUNTY OF		120 ——		V 1		F. Gray		Manne.	متمكين	2
600 —		Y	A.		9 4	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		70 —			•			p -oca		
400 -	Mar 22 May 22 Lilli	1. sep 2. 1. Mov.	C. Jan. Z. Mar. D	1.Wah.55 7.119	1,2 Sep 2, Mov 22	7.13U.73 1.10ar.73	May23	lan-21 :eb-21	1-Mar-21 1-Apr-21 1-May-21 1-Jun-21	1-Jul-21 1-Aug-21 1-Sep-21	1-0ct-21 1-Nov-21 1-Dec-21	1-Jan-22 1-Feb-22	1-Mar-22 1-Apr-22 1-May-22 1-Jun-22	1-Jul-22 1-Aug-22 1-Sep-22 1-Oct-22	1-Nov-22 1-Dec-22 1-Jan-23 1-Feb-23	1-Mar-23 1-Apr-23 1-May-23
730, 73	No "We. "Inc	1,56, 1,40	17/10. 17/NO.	1'W. 2'y	156, 1'40	779. 1440 12	Vo.	1 1	2 4 4 3	1-A-1	1 7 1 1	1 2 5	2 2 2 2	1.5 1.5 1.5	1 1 1 1	14 14 1-N
		IOPI	62 —— 1	OPI58 —	IOPI65						_	IOSI62	— IOS	165		
			IR	ON ORE	PORT STOCK	INDEX MO	ONTHLY, C	QUARTERLY	AND YEA	R-TO-D/	ATE AVE	RAGES	5			
May 19th,	2023		FOT	Qingdao (inc. 13% VAT)	, RMB/wet	tonne			CFR Q	ingdao E	quivale	nt (exc. 139	% VAT), USD	/dry tonne	!
Index	Fe Content	December	•	February		MTD	QTD	YTD	Decembe		•	oruary	March	MTD	QTD	YTD
IOPI62	62% Fe Fines	822	856	892	924	869	881	880	109.43	117.		21.64	124.91	120.06	120.90	120.58
IOPI58	58% Fe Fines 65% Fe Fines	711 935	751 968	799 1003	832 1036	813 981	792 993	798 992	95.17 124.90	103. 132.		9.79 37.36	113.41 140.49	113.29 136.05	109.35 136.72	110.17 136.43
	N ORE SEABO								124.50	132.	30 13		REIGHT RAT		130.72	130.43
May 19th,					Qingdao, USD/				May 18th, 20	023				ATES - DRY BUL	.K US\$/wet to	nne
Index		Decembe	er January	Februa		MTD	QTD	YTD	Route		Designation	1	Change	Change %	Low 2	High ²
IOSI62	62% Fe Fine		119.76	127.73	•	112.14	114.45	124.04	W. Australia		C5	8.84	0.04	0.51%	3.57	16.77
IOSI65	65% Fe Fine		132.39	138.0		122.86	125.00		Tubarao - Qin	-	С3	21.03	-0.13	-0.60%	6.70	36.40
			IR	ON ORE	PORT LUMP	INDEX MO	NTHLY, Q	UARTERLY	- AND YEAF	R-TO-DA	TE AVE	RAGES				
Week Ending	May 19th, 2023				inc. 13% VAT)									% VAT), USD	/dry tonne	· 1
Index	Fe Content	Decembe	r January	Februa	ry March	MTD	QTD	YTD	Decembe	r Janu	ary Fe	bruary	March	MTD	QTD	YTD
IOPLI62	62.5% Fe Lump	922	964	988	1012	925	924	1032	117.06	126.	47 1	29.95	131.15	119.39	120.09	137.99
					II	RON ORE II	NDEX PRE	MIUMS/DI	SCOUNTS							
May 19th, 2	2023			PORT ST	OCK INDEX (RI			May 19th, 2					SEABOR	NE INDEX (US	SD/DMT)	
Index		ontent	Spread	to IOPI62	•	Spread to IC	OPI62	Index		e Conten	t	Sprea	d to IOSI62		% Spread to	105162
IOPI58		e Fines		127		-15.41%		IOSICE		0/ E ~ F!··			17 10		10.22	0/
IOPI65	65%	e Fines	1	111		13.47%		IOSI65	65	% Fe Fine	:5		17.10		16.22	70

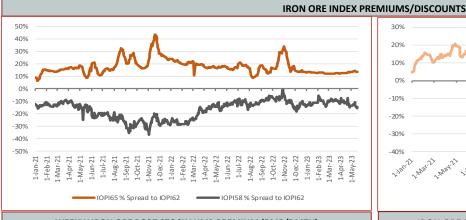




IRON ORE BRAND SPOT PRICE ASSESMENTS												
May 19th, 2023	PORT	STOCK INDEX (F	RMB/WT)	May 19th, 2023	SEABORNE INDEX (USD/DMT)							
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62					
Roy Hill	767	0	-57	Roy Hill	100.95	0.00	-4.50					
SIMEC Fines	695	0	-129	SIMEC Fines	97.45	0.00	-8.00					
PB Fines	793	0	-31	PB Fines	101.70	0.00	-3.75					
Newman Fines	792	0	-32	Newman Fines	104.60	0.00	-0.85					
MAC Fines	774	0	-50	MAC Fines	101.70	0.00	-3.75					
Jimblebar Blended Fines	688	0	-136	Jimblebar Blended Fines	94.10	0.00	-11.35					
Carajas Fines	1004	0	180	Carajas Fines	135.00	0.00	29.55					
Brazilian SSF	787	0	-37	Brazilian SSF	109.20	0.00	3.75					
Brazilian Blend Fines	806	0	-18	Brazilian Blend Fines	110.85	0.00	5.40					
RTX Fines	707	0	-117	RTX Fines	95.35	0.00	-10.10					
West Pilbara Fines	735	0	-89	West Pilbara Fines	99.70	0.00	-5.75					

May 19th, 2023	PORT STOCK INDEX (RMB/WT)						
	Price	Change	Diff to IOPI58				
SSF	697	-7	0				
FMG Blended Fines	706	-7	9				
Robe River	706	-7	9				
Western Fines	709	-7	12				
Atlas Fines	703	-7	6				
Yandi	690	-7	-7				

				IRON ORE IN	DEX NORMA	ALISATION DIFFER	ENTIALS				
Po	rt Stock Index	Product Differe	ntials (RN	1B/wet tonne)	Seaborne Index Product Differentials (USD/dry tonne)						
	App	olicable range		Value	Change		A	pplicable ran	ge	Value	Change
	High Grade	Fe 60 - 63%		13.00	2.00		High Grade	e Fe 60 - 63%	,	2.25	0.00
	High Grade	Fe 63 - 64%		5.00	0.00		High Grade	e Fe 63 - 64%	,	7.50	1.75
1% Fe	High Grade	Fe 64 - 65%		5.00	0.00	1% Fe	High Grade	e Fe 64 - 65%	,	7.50	0.75
	High Grade	Fe 65 - 65.5%		5.00	0.00		High Grade	High Grade Fe 65 - 65.5%		7.50	0.75
İ	Low Grade F	e		23.00	1.00						
	High Fe Grad	de Al <2.25%		48.00	0.00		High Fe Gr	ade Al <2.25	%	1.75	0.00
10/ 11:	High Fe Grad	de Al 2.25-4%		7.00	0.00	10/ 11	High Fe Grade Al 2.25-4%		1%	2.25	0.00
1% Alumina	Low Fe Grad	e Al <2.25%		18.00	-7.00	1% Alumina					
	Low Fe Grad	e Al 2.25-4%		16.00	-2.00						
	High Fe Grad	de Si <4%		25.00	-2.00		High Fe Gr	ade Si <4%		4.25	0.00
1% Silica	High Fe Grad	de Si 4-6.5%		5.00 0.0		1% Silica	High Fe Grade Si 4 - 6.5%			4.25	0.00
	Low Fe Grad	e		19.00	0.00						
0.040/	High Fe Grad	de 0.09% <p<0.1< td=""><td>15%</td><td>16.00</td><td>1.00</td><td>0.01%</td><td colspan="2">High Fe Grade 0.09%<p<0.115%< td=""><td><0.115%</td><td>2.75</td><td>0.00</td></p<0.115%<></td></p<0.1<>	15%	16.00	1.00	0.01%	High Fe Grade 0.09% <p<0.115%< td=""><td><0.115%</td><td>2.75</td><td>0.00</td></p<0.115%<>		<0.115%	2.75	0.00
0.01%	High Fe Grad	de 0.115% <p<0.< td=""><td>15%</td><td colspan="2">% 16.00 1</td><td>Phosphorus</td><td>High Fe Gr</td><td colspan="2">High Fe Grade 0.115%<p<0.15%< td=""><td>9.50</td><td>0.00</td></p<0.15%<></td></p<0.<>	15%	% 16.00 1		Phosphorus	High Fe Gr	High Fe Grade 0.115% <p<0.15%< td=""><td>9.50</td><td>0.00</td></p<0.15%<>		9.50	0.00
Phosphorus	Low Fe Grad	e 0.09 <p<0.1%< td=""><td></td><td>5.00</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td></p<0.1%<>		5.00	0.00						
			Port Sto	ck Price Differen	tials to Qingo	lao Port for PB Fine	s (RMB/wet t	onne)			
Port	Value	Change	Port	Value	Chang	e Port	Value	Change	Port	Value	Change
Bayuquan	-100.00	0.00	Fangchen	g -25.00	0.00	Lanshan	0.00	0.00	Rizhao	0.00	0.00
Beilun	0.00	0.00	Jiangyin	-30.00	0.00	1 7 8 8	0.00	0.00	Shekou	0.00	0.00
Caofeidian	-20.00	0.00	Jingtang	-20.00	0.00	Majishan	0.00	0.00	Taicang	-30.00	0.00
Dalian	0.00	0.00	Lanqiao	0.00	0.00	Qingdao	0.00	0.00	Tianjin	-15.00	0.00

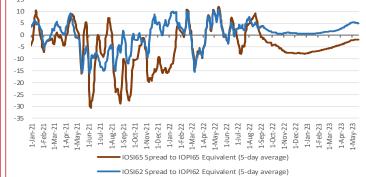




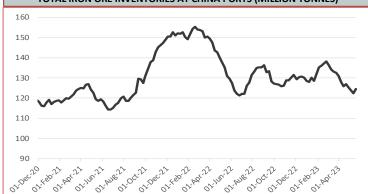
WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (RMB/DMTU)







TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES)





IRON ORE PORT INVENTORIES (MILLION TONNES) Week Ending May 19th, 2023 Low 2 High ² Change % Province This week 9.84 Jingtang 11.44 -0.52% 19.20 Qingdao 25.15 1.21% 9.41 26.24 Caofeidian 10.97 -2.32% 9.05 16.29 Tianjin 8.53 2.40% 7.14 12.97 Rizhao 17.40 1.69% 9.44 19.26

1.59%

98.80

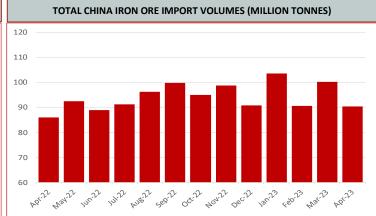
124.38

Total (35 Ports)

	D	CE (RMB/WW	1T)	SGX (USD/DMT)				
Closing Date	Ma	y 19th, 3pm c	lose	May 19th, 5:30pm				
Contract	12309	Change	Change %	Jun. 23	Change	Change %		
Closing Price	736.00	-10.50	-1.41%	105.35	-1.40	-1.31%		
Vol traded ('000 lots)	90.48	23.95	36.00%	4.01	0.29	7.85%		
Open positions ('000 lots)	81.65	-2.24	-2.67%	26.67	-0.17	-0.64%		
Day Low	724.5	-16.00	-2.16%	103.30	-2.40	-2.27%		
Day High	745.5	-7.00	-0.93%	106.90	-1.55	-1.43%		

IRON ORE FUTURES CONTRACTS

DRY BULK FREIGHT RATES (USD/MT)
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50
40
30
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——C5 - W. Australia - Qingdao ——C3 - Tubarao - Qingdao



155.39

MIVII Dally Iron Ore Index Repor	C				May 19th, 2023			
STEEL SPOT MARKE	T PRICES—CHI	NA	CHINESE STEEL MILL PROFITABILITY					
Steel Spot Market RMB/tonne				SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)				
Product	2023/5/19	Change	Change %	Category	Price Change (WoV			
ReBar HRB400 φ18mm	3,720	40	1.09%	MMi (Fe 62%), USD/mt exluding tax Coke	105.45 0 2,260 -50	Mmi CFR Equivalent index for 1st Feb 2nd grade met coke, Tangshan, incl. tax		
· ·				Steel Scrap	2,770 0	steel scrap (6mm) in Zhangjiagang, exl. tax		
Wirerod Q300 ф6.5mm	3,980	40	1.02%	Billet Cost	3,162 29	Q234, incl. tax		
HRC Q235/SS400 5.5mm*1500*C	3,890	50	1.30%	Rebar cost - Blast furnace	3,607 33	calculated based on theoretical weight, incl. tax		
CRC SPCC/ST12 1.0mm*1250*2500	4,460	0	0.00%	Rebar profit - Blast furnace	3 -23	based on Shanghai prices, incl. tax		
Medium & Heavy Plate Q235B 20mm	4,070	-20	-0.49%	Hot-rolled coil cost - Blast furnace	3,624 34	based on actual weight, incl. tax		
GI ST02Z 1.0mm*1000*C	4,820	-20	-0.41%	Hot-rolled coil proft - Blast furnace	256 -4	based on Shanghai prices, incl. tax acout our management, sales, financial and depreciations fe		
Colour Coated Plate	7,050	-50	-0.70%	The cost refers to average cost in the industry				
CHINESE STEEL	INVENTORIES			CHIN	ESE STEEL MILL PR	ROFITABILITY		
Total Social Steel Inventory	es 3 Apri 3 Jury 3 April	Land Land Land Land Land Land Land Land	A STANDARD S		it for BOF Mill	HRC Profit for BOF Mill		
CHINESE STEEL MILL PR	POEITABII ITV	Pohar		CHINESE STEE	I MILL DPOEITARI	LITY—Hot-rolled Coil		
-500 01 02 03 04 05 06	2021 — 20	And the second	11 12	-500 01 02 03	2020 2021 04 05 06 0	2022 — 2023 2022 — 2023 2023 — 2023		
CHINESE STEEL CONS	SUMPTION—Re	ebar		CHINESE ST	TEEL CONSUMPTIO	N—Hot-rolled Coil		
2019 2020 5500 4000 2500 1000 -500 01 12 03 04 05 06	07 08 09		1 12	2019 4000 3600 2800 2400 2000 01 02 03 04	2020 2021 05 06 07	08 09 10 11 12		
CHINESE STEEL PRO	DUCTION—Rel	bar		CHINESE S	TEEL PRODUCTION	N—Hot-rolled Coil		
—— 2019 —— 2020 —— 4500	2021 —— 202	222 —— 202	23	3600 ——2019	_ 2020 2021	2022 —2023		
4000 3500 2500 2000 01 02 03 04 05 06	07 08 05	9 10 1:	3400 3200 3000 2800 01 02 03 04	05 06 07	08 09 10 11 12			
www.mmiprices.com	J. 50 05		Page 5/6		33 30 07	May 19th, 2023		

IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS Iron Ore Index Specifications (Port and Seaborne) Iron Ore Index Compilation Rationale and Data Exclusions 65% Fe Fines 62% Fe Fines 58% Fe Fines 62.5% Fe Lump MMi iron ore indices are compiled from data provided by companies that are part of the iron ore supply chain and involved in spot market transactions. The 62.00 Fe % 65.00 58.00 62.50 indices are calculated using detailed transaction-level data submitted to MMi by Alumina % 1.40 2.25 2.25 1.50 these companies. This data is normalised to the appropriate specifications and screened to remove outliers before volume-weighted average prices are Silica% 1.50 4.00 5.50 3.50 calculated from the remaining core set of data. Phosphorus % 0.06 0.09 0.05 0.08 For more details on MMi's iron ore methodology please download the guide Sulphur % 0.01 0.02 0.02 0.02 published on our website at: www.mmiprices.com 9.00 4.00 Moisture % 8.00 8.00 Data Exclusions* Granular size below 10mm for at least 90% of cargo; Size below 6.3mm max 15% Sizing maximum of 40% below 150 micron Size above 31.15mm max 25% Qingdao Port (FOT and CFR respectively) FOT Qingdao Port **Pricing Point** ump Index 62.5 Loading within 4 weeks, Delivery within 8 weeks * Number of price submissions for iron ore indices that were excluded from Timing (Seaborne) Delivery within 2 weeks index calculations today as they were anomalous and could not be verified **Payment Terms** L/C at sight L/C at sight or CAD

IRON ORE DOMESTIC CONCENTRATE INDEX CALCULATION METHODOLOGY

The compilation method for price index generally refers to the compilation method of CPI price index and other price indices, breakdown the price data and calculate the average value according to a certain method, taking the vertical axis as the regional composite index (average of different grade index) and the horizontal axis as the grade composite index (average of different regional index), a total composite index for domestic ore can be output ultimately. The process system is also adopted in the calculation i.e. each sub-index can be obtained as well.

		AVER	RAGE IRON	ORE SPECIF	ICATIONS A	PPLIED FOR BRAND PRICE A	SSESSMEN	TS					
	PORT	STOCK BRAN	IDS		SEABORNE BRANDS								
May 19th, 2023	Specific	ations appli	ed for 62%	brand asse	ssments		Specific	Specifications applied for 62% brand assessments					
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture		
Roy Hill	60.88%	2.35%	4.45%	0.055%	9.26%	Roy Hill	60.70%	2.30%	4.90%	0.055%	8.00%		
SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%	SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%		
PB Fines	61.64%	2.31%	3.87%	0.099%	9.45%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	9.50%		
Newman Fines	62.49%	2.31%	3.98%	0.090%	7.72%	Newman Fines	62.30%	2.40%	4.30%	0.095%	8.00%		
MAC Fines	60.43%	2.38%	4.64%	0.078%	7.57%	MAC Fines	60.80%	2.35%	4.40%	0.075%	7.80%		
Jimblebar Blended Fines	60.87%	2.95%	4.53%	0.111%	7.32%	Jimblebar Blended Fines	60.50%	3.10%	4.80%	0.120%	7.80%		
Carajas Fines	64.90%	1.39%	1.82%	0.080%	7.78%	Carajas Fines	65.10%	1.50%	1.70%	0.080%	8.50%		
Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%	Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%		
Brazilian Blend Fines	62.56%	1.58%	4.79%	0.091%	8.72%	Brazilian Blend Fines	63.00%	1.50%	5.00%	0.070%	7.00%		
RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%	RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%		
West Pilbara Fines	60.10%	2.30%	4.70%	0.075%	8.50%	West Pilbara Fines	60.10%	2.30%	4.70%	0.075%	8.50%		
May 19th, 2023	Specific	cations appli	ed for 58%	brand asse	ssments								
	Fe	Alumina	Silica	Phos	Moisture								
SSF	56.49%	3.20%	6.19%	0.065%	9.18%								
FMG Blended Fines	58.20%	2.43%	5.54%	0.057%	8.29%								
Robe River	56.44%	3.16%	5.73%	0.042%	8.44%								
Western Fines	57.88%	2.87%	7.50%	0.062%	7.45%								
Atlas Fines	58.00%	1.85%	5.50%	0.090%	9.00%								
Yandi	56.87%	1.58%	6.41%	0.042%	9.53%								
Yandi	56.87%	1.58%	6.41%	0.042%	9.53%								

	BLOOMBERG TICKERS											
	PORT STO	OCK INDICES		SEABORNE INDICES								
	FOT Qingdao (RMB/wet tonne)	CFR Qingdao Equivalent (USD/dry tonne)		CFR Qingdao (USD/DMT)								
IOPI62	IRCNQ001	IRCNQ004	IOSI62	IRCN0034								
IOPI58	IRCNQ002	IRCNQ005	IOSI65	IRCN0035								
IOPI65	IRCNQ003	IRCNQ006										
IOPL162	IRCN0036	IRCN0037										

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