

MMi Dashboard

Iron Ore Price Indices





-0.93%

March 5th, 2019

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



-0.82%

March 5th, 2019

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



570

0.53%

3

March 5th, 2019

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



87.85

-0.05 -0.06%

March 5th, 2019

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



98.25

0.20 0.20%

March 5th, 2019

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



864

-0.12%

Week Ending March 1st, 2019

Exchange Traded Contracts

DCE Iron Ore 62% Fines 11905 (May) RMB/t



623.00

2.50 0.40%

March 5th, 2019

(3pm close)

SGX Iron Ore (CFR Qingdao) 62% Fe Fines Mar'19 USD/dmt



86.47

1.09 1.28%

(6pm Print) March 5th, 2019

SHFE Rebar RB1905 (May) RMB/t



-18.00 -0.47%

March 5th, 2019

(3pm close)

Freight Rates

C3, Tubarao - Qingdao USD/t



March 4th, 2019

12.40

-0.05 -0.40%

C5, W. Australia - Qingdao USD/t



4.82

-0.02 -0.48%

March 4th, 2019

Steel Rebar (China Domestic) RMB/t

Steel Price



3887

32 0.83%

Week Ending March 1st, 2019

Inventory Levels

Iron Ore Inventory at Chinese Ports (35) million tonnes



133.57

1.25 0.94%

Week Ending March 1st, 2019

Steel Inventory in China

million tonnes



18.62

0.65 3.64%

Week Ending March 1st, 2019

Steel Price

Steel HRC (China Domestic) RMB/t

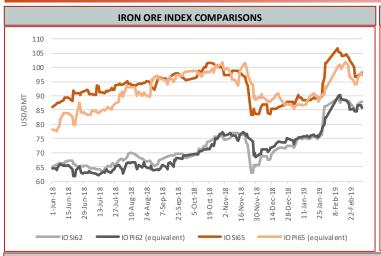


3856

54 1.42%

Week Ending March 1st, 2019

MMi D	aily Iron O	re Inde	x Report										March	n 5th, 20	019
IRON ORE PORT STOCK INDEX (IOPI)															
March 5t	h. 2019		FOT Oir	ngdao (i	nc. 16% VA				1	ingdao E	guivalen	t (exc. 169	% VAT). U	SD/drv tor	nne ¹
Index	Fe Content	Price	Change			YTD	Low ²	High ²			Change %		YTD	Low ²	High ²
IOPI62	62% Fe Fines	642	-6	-0.99		613	443	681		-0.78	-0.9%	86.43	81.03	61.36	90.41
IOPI58	58% Fe Fines	570	3	0.5%	567	502	304	588	75.80	0.47	0.6%	75.33	65.75	40.67	78.17
IOPI65	65% Fe Fines	724	-6	-0.89	6 723	698	541	784	97.34	-0.77	-0.8%	97.15	92.82	75.83	101.79
		II	RON ORE SE	ABORNE	INDEX (IOS	1)					MARK	ЕТ СОММЕ	NTARY		
March 5th	, 2019			CFR C	ingdao, USD/	dry tonne		Physical iron ore stock prices drifted lower by the most party today, aided by little volatility on the DCE Futures market. Concluded transactions were low. Tangshan announced an implementation plan for the control and prevention of air pollution,							
Index	Fe Content	Price	Change	Change	% MTD	YTD	Low ³	High ³	measures which will I machines by March.5	be in place from	March 1 to Mar	ch 31. It requires st	eel mills to submit	their production p	olan for sintering
IOSI62	62% Fe Fines	87.85	-0.05	-0.069	% 87.55	81.61	62.95	89.20	demands for iron ore these measures and t	may plummet.	Mills in Tangshar	n say most of them	are intending to cl	losely follow the gu	
IOSI65	65% Fe Fines	98.25	0.20	0.20%	6 97.73	95.76	83.20	106.85							
						IRON OR	E PORT L	JMP INDEX	(IOPLI)						
Week Endir 2019	ng March 1st,		FOT C	(ingdao	inc. 16% VAT)	, RMB/wet	tonne		CF	R Qingdad	Equivale:	nt (exc. 16%	VAT), USD	dry tonne	1
Index	Fe Content	Price	W-o-W	Change	% MTD	YTD	Low ³	High ³	Price	W-oW	Change %	MTD	YTD	Low ³	High ³
IOPLI62	62.5% Fe Lump	864	-1	-0.1%	864	815	565	865	112.12	0.19	0.2%	112.12	104.54	76.63	112.12
	IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX														
Week Endi	ing March 1st, 2	019				RMB/to	nne (exclu	ding tax) 4				USD/tonne	(excluding	tax) ⁴	
Province	Region	Produc	ct	Basis	This week	Change	e %	Low ²	High ²	This v	veek	Change %	Lov	v ²	High ²
Hebei	Hanxing	66% Fe	e Concentrate	Dry	785	-0.49	%	579	802	117	.23	0.34%	11.	23	118.53
Hebei	Qian'an	65% Fe	e Concentrate	Dry	765	-1.39	%	630	815	114	.25	-0.57%	100	.26	117.34
Liaoning	Anshan	65% Fe	e Concentrate	Wet	595	0.09	6	445	745	88.	86	0.73%	68.	21	88.86
Shandong Zibo 65% Fe Concentrate Dry 815				-3.09		620	860	121		-2.27%	99.	75	127.11		
	g March 1st, 2019 Concentrate Cor		lay PMR/M/T	This v		.2%	534.50	High ⁵ 685.87				Since March 1 ³ 960 ⁵ Last 12 mor			
Cilila ivililes	IRON ORE PORT INDEX, FOT QINGDAO (RMB/WT) IRON ORE SEABORNE INDEX, CFR QINGDAO (USD/DMT)														
		JIL I OII		ı Qiitoi	JAO (IIIVID) V	• • •		115	IIIOIT OILE	JEADOR	INE INDEX	, ci ii Qiite	JDAO (031	5,51111	
850					~ ^			105							^-
650			~~~		7/	~~		95 ——	0	~~	~~·	<u> </u>	·		7
550	~~~~	~~~			<u></u>		~	85	7-4-				h		~~
450		~~~	~~~	ستسمم		مسر		75 —		~			\~		
350					~~~			65					W		
250								45							
2-Apr-18	1Apr-18 2-May-18 17-May-18 1-Jun-18	1-Jul-18 16-Jul-18	31-Jul-18 15-Aug-18 30-Aug-18 14-Sep-18	29-Sep-18 14-0α-18	29-0d-18 13-Nov-18 28-Nov-18	28 Dec-18 12-Jan-19 27-Jan-19	11-Feb-19 26-Feb-19	1-Jun-18	29-Jun-18 13-Jul-18 27-Jul-18	10-Aug-18 24-Aug-18	/-Sep-18 21-Sep-18 5-Oct-18	19-0 α-18 2-Nov-18 16-Nov-18	30-Nov-18 14-Dec-18	28-Dec-18 11-Jan-19 25-Jan-19	8-Feb-19 22-Feb-19
2-4	17-A 2-N 2-N 17-M 1-J	16.	31-A 15-A 30-A	29-5	29-C 13-N 28-N	28-D 12-J 27-J	11-F 26-F	7 5	29-J 13-	10-A 24-A	21-5	19-C 2-N 16-N	30-N	28°D 11-1 25-1	8-F 22-F
		101	PI 62 10	O PI 58 =	IO PI 65					_	IO SI62	<u> </u>	165		
			IRO	ON ORE	PORT STOCK	(INDEX M	ONTHLY, C	QUARTERLY	AND YEAR-TO	O-DATE A	VERAGE	S			
March 5t	h, 2019		FOT Qi	ngdao (inc. 16% VA	T), RMB/w	et tonne		CFR C	Qingdao	Equivaler	nt (exc. 169	% VAT), US	D/dry ton	ine ¹
Index	Fe Content	Novemb	erDecember	Janua	ry February	MTD	QTD	YTD	NovemberDe	ecember	January	February	MTD	QTD	YTD
IOPI62	62% Fe Fines	564	559	580	654	646	613	613	65.25	72.55	76.16	87.09	86.43	81.03	81.03
IOPI58	58% Fe Fines	401	392	448	569	567	502	502		50.47	57.99	75.22	75.33	65.75	65.75
IOPI65	65% Fe Fines	760	681	670	733	723	698	698	92.13	99.05	88.65	98.08	97.15	92.82	92.82
	N ORE SEABO	KNE INDI	EX MONTHL	-			AIE AVER	RAGES			FI	REIGHT RAT			
March 5th	·	N	D- · · ·		Qingdao, USD/				March 4th, 2019	Designa	otion			LK US\$/wet to	
Index IOSI62	Fe Content 62% Fe Fines		er December 69.96	Januar 76.09		MTD 97 EE	QTD 81.61	YTD 81.61	Route W. Australia - Qing			Change -0.02	-0.48%	Low ⁵	High ⁵
IOSI65	65% Fe Fines	72.91 94.05	85.95	89.92		87.55 97.73	95.76	95.76	Tubarao - Qingdao	c3		-0.02	-0.48%	12.40	24.76
									AND YEAR-TO						-
Week Endin	g February				(inc. 16% VAT				1			nt (exc. 16%	6 VAT). LISP)/dry tonne	1
22nd, 2019 Index	Fe Content	Novemb	er Decembei			• •	QTD	YTD	November D			February	MTD	QTD	YTD
IOPLI62	62.5% Fe Lump	771	749	782		864	815	815	96.21	94.22	99.57	108.63	112.12	104.54	104.54
			. 13	, 52				MIUMS/DI			-5.57	_00.00		20 7.0-4	20
March 5th,	2019			POPT 9	TOCK INDEX (R		ULA FILE	March 5th, 2				SFAROD	NE INDEX (U	SD/DMT\	
reiai UI JUI,	Fe Content		Spread	to IOPI62		% Spread to I	OPI62	iviai (ii 5tii, 2	Fe Content		Spre	ad to IOSI62		% Spread to	o IOSI62
	58% Fe Fines			72		-11.21%	6				•			•	
65% Fe Fines			82		12.77%	•		65% Fe Fines			10		11.84	%	

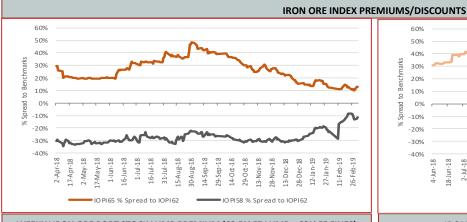




IRON ORE BRAND SPOT PRICE ASSESMENTS									
March 5th, 2019	PORT	STOCK INDEX (R	MB/WT)	March 5th, 2019	SEABO	D/DMT)			
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62		
Roy Hill	621	-6	-21	Roy Hill	82.89	-0.37	-4.96		
SIMEC Fines	611	-7	-31	SIMEC Fines	79.56	-0.55	-8.29		
PB Fines	628	-5	-14	PB Fines	87.19	-0.05	-0.66		
Newman Fines	656	-6	14	Newman Fines	90.32	0.17	2.47		
MAC Fines	628	-4	-14	MAC Fines	83.51	-0.30	-4.34		
Jimblebar Blended Fines	599	-7	-43	Jimblebar Blended Fines	79.94	-0.30	-7.91		
Carajas Fines	736	-6	94	Carajas Fines	98.52	0.57	10.67		
Brazilian SSF	660	-6	18	Brazilian SSF	88.47	0.57	0.62		
Brazilian Blend Fines	651	-6	9	Brazilian Blend Fines	90.22	0.45	2.37		
RTX Fines	611	-6	-31	RTX Fines	81.16	0.00	-6.69		

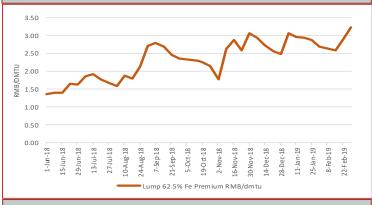
March 5th, 2019	PORT STOCK INDEX (RMB/WT)						
	Price	Change	Diff to IOPI58				
SSF	501	4	-69				
FMG Blended Fines	570	3	0				
Robe River	519	3	-51				
Western Fines	504	3	-66				
Atlas Fines	503	3	-67				
Yandi	562	3	-8				

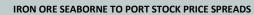
				IRON ORE IN	NDEX NORMA	LISATION DIFFER	ENTIALS				
Por	t Stock Index	Product Differ	entials (RI	MB/wet tonne)	Sea	aborne Inde	x Product Di	fferentials (UDS/dry tonne	:)
	Ар	plicable range		Value	Change	Applicable range			Value	Change	
	High Grade	e Fe 60 - 63%		10.00	0.00		High Grad	de Fe 60 - 63	%	3.25	0.25
	High Grade	e Fe 63 - 64%		20.00	0.00		High Grad	de Fe 63 - 649	%	2.00	0.00
1% Fe	High Grade	e Fe 64 - 65%		20.00	0.00	1% Fe	High Grad	de Fe 64 - 65	%	2.00	0.00
	High Grade	High Grade Fe 65 - 65.5%		20.00	0.00		High Grad	de Fe 65 - 65.	.5%	2.00	0.00
	Low Grade Fe			19.00	0.00						
	High Fe Gra	e Grade Al <2.25%		23.00	0.00		High Fe G	High Fe Grade Al <2.25%		2.00	0.50
1% Alumina	High Fe Gra	ade Al 2.25-4%		12.00	0.00	40/ 41	High Fe G	rade Al 2.25	-4%	1.25	0.00
	Low Fe Gra	de Al <2.25%		35.00	0.00	1% Alumina					
	Low Fe Gra	de Al 2.25-4%		33.00	0.00						
	High Fe Gra	ade Si <4%		5.00	0.00		High Fe G	rade Si <4%		0.75	0.00
1% Silica	High Fe Gra	ade Si 4-6.5%		10.00	0.00	1% Silica	High Fe G	High Fe Grade Si 4 - 6.5%		0.75	0.00
	Low Fe Gra	Low Fe Grade		20.00 0.00			_				
	High Fe Gra	ade 0.09% <p<0< td=""><td>.115%</td><td>2.00</td><td>0.00</td><td>0.01%</td><td>High Fe G</td><td>rade 0.09%<</td><td>P<0.115%</td><td>0.00</td><td>0.00</td></p<0<>	.115%	2.00	0.00	0.01%	High Fe G	rade 0.09%<	P<0.115%	0.00	0.00
0.01%	High Fe Gra	ade 0.115% <p<< td=""><td>0.15%</td><td>2.00</td><td>0.00</td><td>Phosphorus</td><td>High Fe G</td><td>rade 0.115%</td><td><p<0.15%< td=""><td>1.00</td><td>0.00</td></p<0.15%<></td></p<<>	0.15%	2.00	0.00	Phosphorus	High Fe G	rade 0.115%	<p<0.15%< td=""><td>1.00</td><td>0.00</td></p<0.15%<>	1.00	0.00
Phosphorus	Low Fe Gra	de 0.09 <p<0.19< td=""><td>%</td><td>2.00</td><td>0.00</td><td>•</td><td></td><td></td><td></td><td></td><td></td></p<0.19<>	%	2.00	0.00	•					
			Port St	ock Price Differe	ntials to Qingd	ao Port for PB Fine:	s (RMB/wet t	onne)			
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
Bayuquan	-35.00	0.00	Fangcheng	-5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00
Beilun	5.00	0.00	Jiangyin	-15.00	0.00	Lianyungang	0.00	0.00	Rizhao	0.00	0.00
Caofeidian	0.00	0.00	Jingtang	0.00	0.00	Majishan	0.00	0.00	Shekou	0.00	0.00
Dalian	-15.00	0.00	Lanqiao	0.00	0.00	Nantong	-15.00	0.00	Tianjin	-15.00	0.00

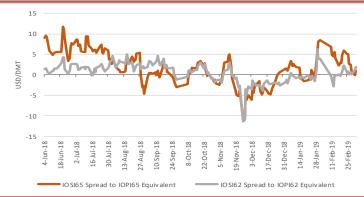




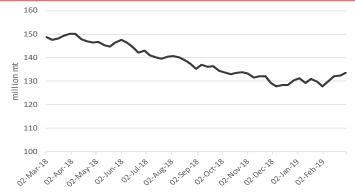
WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (62.5% FE LUMP—62% FE FINES)







TOTAL IRON ORE INVENTORIES AT CHINA PORTS



	FUTURE TRADING—FRONT MONTH CLOSING PRICE	
650		93
600	·	88
9 550		83 78 E
RMB/tonne	m ardem and	78 OSD/tonne
450	Total (at 1) at 1)	68 63
400	5-Apr-18 5-May-18 5-May-18 4-Jun-18 4-Jun-18 19-Jun-18 19-Jun-18 19-Jun-18 17-Sep-18 17-Sep-18 17-Sep-18 17-Cotc-18 17-Cotc-18 17-Dec-18 11-Dec-18 11-Dec-18 11-Jan-19 30-Jan-19 14-Feb-19 14-Feb-19	58
	Dalian 3pm Close SGX Front Month 6pm (RHS)	

IRON ORE PORT INVENTORIES Week Ending March 1st, 2019 (million toni

Week Ending March 1st, 2019 (million tonnes)									
Province	This week	Change %	Low ⁴	High ⁴					
Jingtang	14.34	-1.10%	13.29	19.00					
Qingdao	18.81	5.26%	16.09	19.97					
Caofeidian	17.15	-2.56%	16.30	25.30					
Tianjin	9.18	1.10%	8.50	11.00					
Rizhao	16.68	1.40%	14.00	19.00					
Total (35 Ports)	133.57	0.94%	127.72	150.04					

		DCE			SGX			
ı	Closing Date	5th Mar 3pm close			5th mar Feb 6 pm			
)	Contract	11905	Change	Change %	Mar'19	Change	Change %	
7	Closing Price	623.0	2.5	0.40%	86.47	1.09	1.28%	
)	Vol traded ('000 lots)	165.79	-119.1	-41.81%	3.78	-2.64	-41.12%	
)	Open positions ('000 lots)	101.27	-4.1	-3.86%	128.48	4.66	3.76%	
)	Day Low	612.0	-7.0	-1.13%	85.36	0.64	0.76%	
4	Day High	625.0	-22.0	-3.40%	86.50	-3.41	-3.79%	

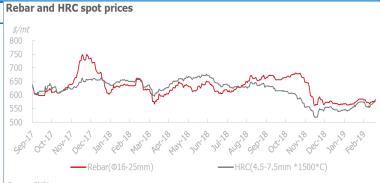
IRON ORE FUTURES CONTRACTS

DRY BULK F REIGHT RATES 30 25 20 15 10 5 Natural Research Language C3 - Tubarao - Qingdao



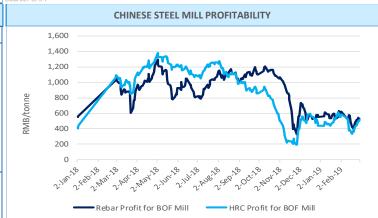
STEEL SPOT MARKET PRICES—CHINA

Steel Spot Market RMB/tonne			
Product	1/3/2019	Change	Change %
ReBar HRB400 ¢18mm	3,887.0	32	0.83%
Wirerod Q300 φ6.5mm	3,986.0	44	1.12%
HRC Q235/SS400 5.5mm*1500*C	3,856.0	54	1.42%
CRC SPCC/ST12 1.0mm*1250*2500	4,353.0	27	0.62%
Medium & Heavy Plate Q235B 20mm	3,983.0	17	0.43%
GI ST02Z 1.0mm*1000*C	4,735.0	65	1.39%
Billet Q235 150*150mm	3,490.0	70	2.05%



	CHINESE STEEL EXPORT PRICES									
China Export Prices USD/	onne									
Product	Specification	Export tax (+)/Vate rebate (-)		Change						
			1/3/2019							
Rebar	BS4449 460B 12-25mm, + chrome	-13%	530	5						
Wire Rod	SAE1008 6.5-10mm +chrome	-9%	535	0						
Hot-rolled coil	SS400/Q235 4.0-10.mm	-9%	525	0						
Cold-rolled coil	SPCC 1.0mm	-13%	565	0						
Medium & Heavy plate	A-level Shipe plate 12-25mm	0%	550	20						
Galvanised	ST02Z/SGCC 1.0mm	-13%	580	0						

Note: Calculation formula for converting export prices of rebar, cold-rolled steel and galvanizing into prices in China's spot market = FOB* exchange rate*1.6/(1.6-0.3); Calculation formula for converting export prices of wire rod and hot-rolled steel into prices in hina's spot market = FOB* exchange rate *1.6/(1.6-0.0.9); Calculation formula for converting export prices of medium-thick plate into prices in China's spot market = FOB* exchange rate

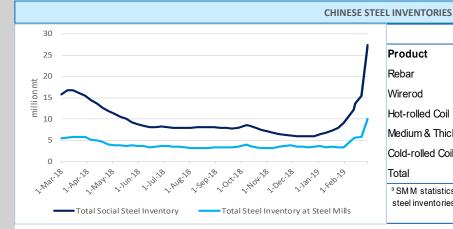


CHINESE STEEL MILL PROFITABILITY

SMM Tracking of	Steel Mill P8	L - Rebar and Ho	t-rolled Coil (RMB/tonne)
Category	Price	Change (WoW)	Note
MMi (Fe 62%), USD/mt exluding tax	86.77	1.65	Mmi CFR Equivalent index for 1st Feb
Coke	2,070	0	2nd grade met coke, Tangshan, incl. tax
Steel Scrap 2,190		-20	steel scrap (6mm) in Zhangjiagang, exl. tax
Billet Cost	3,030	5	Q234, incl. tax
Rebar cost - Blast furnace	3,283	4	calculated based on theoretical w eight, incl. tax
Rebar profit - Blast furnace	528	47	based on Shanghai prices, incl. tax
Hot-rolled coil cost - Blast furnace	3,355	5	based on actual w eight, incl. tax
Hot-rolled coil proft - Blast furnace	525	95	based on Shanghai prices, incl. tax

Note: 1. Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

2. The cost refers to average cost in the industry based on SMM's survey of small, medium and large mills in China



Steel Inventories³ (unit: 1000 tonnes)										
Product	1/3/2019	22/2/2019	Change	Change %						
Rebar	10,206	9,634	572	5.94%						
Wirerod	3,134	3,052	82	2.69%						
Hot-rolled Coil	2,739	2,725	14	0.51%						
Medium & Thick Plate	1,340	1,351	-11	-0.81%						
Cold-rolled Coil	1,199	1,201	-2	-0.17%						
Total	18,618	17,964	654	3.64%						

³ SMM statistics cover inventories of major steel products in China's major markets: hot-rolled steel inventories in 33 major cities; rebar and wire inventories in 35 major cities; cold-rolled steel and medium-thick plate inventories in 31major cities.

Payment Terms

IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS

	IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS												
	Iron Ore	Index Specifications	(Port and Seaborne)	Iron Ore Ind	ex Compilation	Rationale and Da	ta Exclusions					
	65% Fe Fines	62% Fe Fines	58% Fe Fines	62.5% Fe Lump	MMi iron ore indic	MMi iron ore indices are compiled from data provided by companies that are							
Fe %	65.00	62.00	58.00	62.50	part of the iron ore supply chain and involved in spot market transactions. The 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								
Silica%	1.50	4.00	5.50	3.50	screened to remove outliers before volume-weighted average prices are 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								
Moisture %	8.00	8.00	9.00	4.00									
	Granular size be	elow 10mm for at lea	ist 90% of cargo:	Size below 6.3mm max 15%		Data Ex	clusions*	65%					
Sizing		ım of 40% below 150	Size above 31.15mm max 25%	Port Index	0	0	0						
Pricing Point	Qingdao Port (FOT and CFR respectively)		FOT Qingdao Port	Seaborne index 0 0 Lump Index 62.5 0			0						
Timing (Seaborne)	Loading within 4 weeks, Delivery within 8 weeks		Delivery within 2 weeks	* Number of price submissions for iron ore indices that were excluded from index calculations today as they were anomalous and could not be verified									

IRON ORE DOMESTIC CONCENTRATE INDEX CALCULATION METHODOLOGY

L/C at sight or CAD

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.

AVERAGE IRON ORE SPECIFICATIONS APPLIED FOR BRAND PRICE ASSESSMENTS											
	SEABORNE BRANDS										
March 5th, 2019	Specifications applied for 62% brand assessments						Specifications applied for 62% brand assessments				
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture
Roy Hill	60.76%	2.35%	4.31%	0.057%	8.58%	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	61.63%	2.38%	3.63%	0.101%	9.30%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%
Newman Fines	62.79%	2.15%	3.94%	0.087%	7.50%	Newman Fines	62.80%	2.20%	4.30%	0.080%	6.40%
MAC Fines	60.84%	2.33%	4.85%	0.088%	6.97%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%
Jimblebar Blended Fines	61.03%	3.07%	4.21%	0.119%	7.24%	Jimblebar Blended Fines	61.79%	2.67%	4.08%	0.115%	7.16%
Carajas Fines	65.45%	1.22%	1.54%	0.066%	8.12%	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	62.55%	1.57%	4.86%	0.071%	8.49%	Brazilian Blend Fines	62.50%	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%
March 5th, 2019	Specifications applied for 58% brand assessments										
	Fe	Alumina	Silica	Phos	Moisture						
SSF	56.65%	3.16%	6.17%	0.052%	9.00%						
FMG Blended Fines	58.19%	2.66%	5.47%	0.061%	7.57%						
Robe River	56.64%	2.91%	5.58%	0.035%	9.29%						
Western Fines	58.00%	3.08%	7.84%	0.070%	7.52%						
Atlas Fines	56.59%	2.55%	7.14%	0.080%	8.46%						
Yandi	57.08%	1.41%	6.58%	0.032%	8.71%						

		BLOOMBE					
PORT STOCK INDICES							
	FOT Qingdao (RMB/wet tonne)	CFR Qingdao Equivalent (USD/dry tonne)					
IOPI62	IRCNQ001	IRCNQ004					
IOPI58	IRCNQ002	IRCNQ005					
IOPI65	IRCNQ003	IRCNQ006					

L/C at sight

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