

## **MMi Dashboard**

#### **Iron Ore Price Indices**

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



745

6 0.81%

August 20th 2019

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



**794** 

-19 -2.34%

August 20th 2019

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



662

-0.15%

- - -

-1

August 20th 2019

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



90.50

0.55 0.61%

August 20th 2019

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



96.15

-3.45 -3.46%

August 20th 2019

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



819

**39** -14.51%

Week Ending August 16th, 2019

#### **Exchange Traded Contracts**

DCE Iron Ore 62% Fines I2001 (Jan) RMB/t



609.00

-8.00 -1.30%

August 20th 2019

(3pm close)

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



86.28

0.25 0.29%

August 20th 2019 (6.00 pm Print)

C5, W. Australia - Qingdao USD/t

SHFE Rebar RB1910 (Oct) RMB/t



3699

**-48.00 -1.28%** 

August 20th 2019

(3pm close)

### **Freight Rates**

C3, Tubarao - Qingdao USD/t



22.21

-0.34 -1.51%

August 19th, 2019



9.94

**-0.56** -5.35%

August 19th, 2019

Steel Rebar (China Domestic) RMB/t

**Steel Price** 



3720

20 0.54%

Week Ending August 16th, 2019

### **Inventory Levels**

Iron Ore Inventory at Chinese Ports (35) million tonnes



105.81

-2.03 -1.88%

Week Ending August 16th, 2019

Steel Inventory in China million tonnes



14.74

-0.09 -0.57%

Week Ending August 16th, 2019

**Steel Price** 

Steel HRC (China Domestic) RMB/t

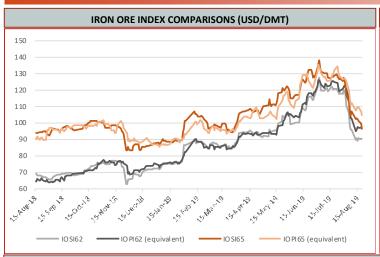


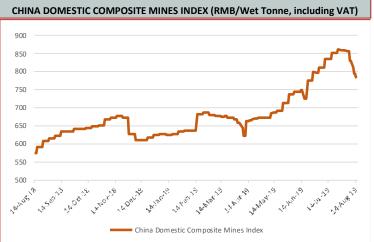
3730

80 2.19%

Week Ending August 16th, 2019

MMi D	aily Iron	Ore Ir	ndex	Report											Augus	t 20th 2	2019
	IRON ORE PORT STOCK INDEX (IOPI)																
August 20	th 2019			FOT C	ingdao	(inc. 13% VA	), RMB/wet	tonne			CFR Qi	ingdao Eq	uivale	nt (exc. 13%	VAT), USD/	dry tonne	1
Index	Fe Conte	nt Pi	rice	Change	Change	e % MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>	Price	Char	nge Cha	ınge %	MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>
IOPI62	62% Fe Fir	es <b>7</b>	45	6	0.89	6 781	724	492	928	97.89	0.6	9 0	.7%	103.60	97.37	63.83	126.12
IOPI58	58% Fe Fir	es 6	62	-1	-0.29	<mark>6</mark> 719	635	356	823	87.51	-0.2	25 -0	0.3%	96.11	85.44	45.02	112.44
IOPI65	65% Fe Fir	es <b>7</b>	94	-19	-2.39	<b>6</b> 848	798	654	992	104.5	8 -2.7	73 -2	2.5%	112.84	107.69	85.47	135.34
			IRO	N ORE SEA	ABORN	E INDEX (IO	5I)			MARKET COMMENTARY							
August 20	th 2019				CFR (	Qingdao, USD,	dry tonne			Concluded transactions picked up slightly over yesterday. Mills bought hand-to-mouth while traders looked to build their inventories.  According to the market, products like Carajas Fines and JMBF seemed to be more economical, and thus in high demand. According to SMI							ccording to SMM,
Index	Fe Conte	nt Pi	rice	Change	Change	e % MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>	following the	typhoon and grea	ater deliveries fro	m Australia	and Brazil. Supply/de	o straight weeks of de mand fundamentals ar	e normalizing on th	e shipment
IOSI62	62% Fe Fir	es <b>90</b>	).50	0.55	0.61	<b>%</b> 97.11	96.16	62.95	127.50	million mt fro	om the week ende	d August 10. Last	week, iron	ore deliveries leaving	ived at major Chinese Australian ports decre mt. These arrivals will	ased 620,000 mt fro	om the prior week to
IOSI65	65% Fe Fir	es <b>96</b>	5.15	-3.45	-3.46	<b>%</b> 106.27	109.26	83.20	137.95	pricing.							
Week Endin	ng August 16	h,		FOT 0	inadaa	(inc. 16% VA			JMP INDEX	(IOPLI)					() (0 = ) (10 = )		3
2019	F. 6		.•			`			2	B.t.					VAT), USD/		
Index	Fe Conte		rice	W-o-W	Change		YTD	Low <sup>2</sup>	High <sup>2</sup>	Price			inge %		YTD	Low <sup>2</sup>	High <sup>2</sup>
IOPLI62	62.5% Fe Lu	mp 8	19	-139 IPOI	-14.5	% 928  DOMESTIC C	907	644	1051	101.0			5.52% E INDI	116.05	115.89	80.29	133.81
Week Endi	ing August 1	6th. 201	9	IKO	VORL	DOIVILSTIC C		nne (exclu		SIVILIVIS	S AND CO	NIFOSII	L IIVDI		(excluding t	av) <sup>3</sup>	
Province	Regio		oduct		Basis	This week	Change	•	Low <sup>2</sup>	High	12	This wee	k	Change %	Low		High <sup>2</sup>
Hebei	Hanx			oncentrate	Dry	865	-13.0		630	103		123.07		-13.56%	92.3		150.03
Hebei	Qian	-		oncentrate	Dry	850	-8.1%		690	960		120.93		-8.72%	100.		139.35
Liaoning	Ansh			oncentrate	Wet	710	-1.49		485	74!		101.02		-2.05%	70.4		104.66
Shandong	Zibo			oncentrate	Dry	895	-5.89		725							151.33	
	g August 16tl		.,,,,,,		<del>  '</del>		ange %	Low <sup>2</sup>	High <sup>2</sup>	<sup>1</sup> Exchange rate applied: RMB/USD = 7.0454 <sup>2</sup> Last 12 months						131.00	
	Concentrate		te Index	RMB/WT	_			574.64	859.50		exchange rate						
IRON ORE PORT INDEX, FOT QINGDAO (RMB/WT) IRON ORE SEABORNE INDEX, CFR QINGDAO (USD/DMT)																	
1050 - 145 - 135 -																	
950 —	950															₩,	~
850 —		<i>~</i> ~				^ ~	77°~~	h	125 —— 115 ——						كمعم	المراكب	my
750 — 650 =		- 01	lm,	~~~	~~~	المراسمة	لہہ	1	105 — 95 —	~~	$\sim$		Г	~~~		n./	
550		<u></u>	سمسا	~~~	خمنہ				85			سسمما		~~~	,		-
450 —			سمما						75 65			سسمما					
350 ×									55 —— 45 ——								
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~%" n	S. 13	va, v					is us. i	ò.,	V.c. V.c.	/0	Ve 10	120				<b>,</b> ~	70
			— IO PI 62		) PI 58	1O PI 65							IOSI62	—— IO S	1165		
August 201	+h 2010					PORT STOC			QUARTERLY	AND YE					% VAT), USD,	/d	
Index	Fe Conte	nt A	pril				MTD	QTD	YTD	Anri					MTD	QTD	YTD
IOPI62	62% Fe Fin		<b>prii</b> 575	<b>May</b> 729	June 825	<b>July</b> 909	781	861	724	<b>Apri</b> 85.3		•	une 11.42	July 123.29	103.60	115.84	97.37
IOPI58	58% Fe Fir		500	637	726	809	719	775	635	77.4			8.60	110.47	96.11	105.04	85.44
IOPI65	65% Fe Fir	nes 7	'53	812	901	954	848	914	798	95.7			21.97	129.53	112.84	123.22	107.69
IROI	N ORE SEA	BORNE	INDEX	MONTHLY	, QUA	RTERLY AND	YEAR-TO-D	ATE AVEF	AGES				FI	REIGHT RA	TES		
August 201	th 2019				CFR	Qingdao, USD	dry tonne			August 19	9th, 2019			FREIGHT R	ATES - DRY BUI	K US\$/wet to	onne
Index	Fe Conte	nt A	pril	May	June	July	MTD	QTD	YTD	Route		Designation		Change	Change %	Low <sup>2</sup>	High <sup>2</sup>
IOSI62	62% Fe Fir	nes 93	3.42	98.68	108.5	7 120.82	97.11	112.69	96.16	W. Austral	ia - Qingdao	C5	9.94	-0.56	-5.35%	4.39	11.15
IOSI65	65% Fe Fir	nes 10	6.75	115.53	124.4	9 129.53	106.27	121.55	109.26	Tubarao - 0	Qingdao	СЗ	22.21	-0.34	-1.51%	11.61	27.52
				IRO	ON ORI	PORT LUM	INDEX MO	NTHLY, O	UARTERLY	AND YE	AR-TO-D	ATE AVE	RAGES	3			
Week Endin 2019	g August 16t	n,		FOT	Qingdad	(inc. 16% VA	T), RMB/wet	tonne			CFR Q	ingdao Ed	quivale	nt (exc. 169	% VAT), USD	dry tonne	1
Index	Fe Conte	nt M	larch	April	Ma	y June	MTD	QTD	YTD	Marc	h Ap	ril	May	June	MTD	QTD	YTD
IOPLI62	62.5% Fe Lu	mp {	358	872	919	1009	928	995	907	99.5	7 111	.03 1	17.12	128.00	116.05	125.73	115.89
							IRON ORE I	NDEX PRE	MIUMS/DI	SCOUNT	ΓS						
August 20th						STOCK INDEX (F			August 20th	2019					NE INDEX (US		
Index		Content		Spread		2	% Spread to 10		Index	Fe Content Spread to IOSI62 % Spread to IOS			IOSI62				
IOPI58		% Fe Fine % Fe Fine			83 19		-11.14% 6.58%	· · · · · · · · · · · · · · · · · · ·	IOSI65		65% Fe Fin	es		5.65		6.249	%



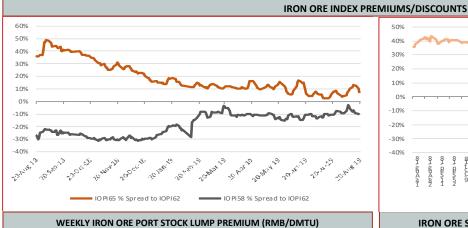


	IRON ORE BRAND SPOT PRICE ASSESMENTS												
August 20th 2019	PORT	STOCK INDEX (R	MB/WT)	August 20th 2019	SEABO	SEABORNE INDEX (USD/DMT)							
	Price Change Diff to IOI		Diff to IOPI62		Price	Change	Diff to IOSI62						
Roy Hill	722	8	-23	Roy Hill	88.75	0.89	-1.75						
SIMEC Fines	716	13	-29	SIMEC Fines	87.35	1.06	-3.15						
PB Fines	728	5	-17	PB Fines	90.35	0.64	-0.15						
Newman Fines	746	6	1	Newman Fines	91.19	0.33	0.69						
MAC Fines	737	7	-8	MAC Fines	89.15	0.91	-1.35						
Jimblebar Blended Fines	688	5	-57	Jimblebar Blended Fines	86.60	2.04	-3.90						
Carajas Fines	801	-25	56	Carajas Fines	96.31	-0.08	5.81						
Brazilian SSF	731	1	-14	Brazilian SSF	90.19	-0.07	-0.31						
Brazilian Blend Fines	743	0	-2	Brazilian Blend Fines	91.06	0.05	0.56						
RTX Fines	696	5	-49	RTX Fines	88.75	1.51	-1.75						
West Pilbara Fines	724	8	-21	West Pilbara Fines	88.25	1.04	-2.25						

August 20th 2019	PORT	PORT STOCK INDEX (RMB/WT)						
	Price	Change	Diff to IOPI58					
SSF	641	-11	-21					
FMG Blended Fines	672	-2	10					
Robe River	639	-8	-23					
Western Fines	649	-9	-13					
Atlas Fines	634	-11	-28					
Yandi	655	-5	-7					

				IRON OR	E INDEX NORM	ALISATION DIFFER	RENTIALS				
Por	t Stock Index	Product Differ	entials (F	RMB/wet tor	nne)	Se	aborne Inde	x Product Di	fferentials (l	JSD/dry tonne	<u> </u>
	Ар	plicable range		Value	Change		А	pplicable ran	ge	Value	Change
	High Grade	e Fe 60 - 63%		2.00	0.00		High Grad	le Fe 60 - 639	%	1.00	-0.25
	High Grade Fe 63 - 64% High Grade Fe 64 - 65%			14.00	-5.00		High Grad	le Fe 63 - 649	%	1.75	0.00
1% Fe				14.00	-5.00	1% Fe	High Grad	le Fe 64 - 659	%	1.75	0.00
	High Grade	e Fe 65 - 65.5%	5	14.00	-5.00		High Grad	le Fe 65 - 65.	5%	1.75	0.00
	Low Grade	Fe		10.00	3.00						
40/ 41	High Fe Grade Al <2.25%			10.00	-10.00		High Fe G	rade Al <2.25	5%	0.75	-0.50
	High Fe Grade Al 2.25-4%			30.00	3.00	1% Alumina	High Fe G	rade Al 2.25-	4%	0.00	-0.25
1% Alumina	Low Fe Grade Al <2.25%			9.00	0.00	1% Alumina					
	Low Fe Gra	de Al 2.25-4%		5.00	3.00						
	High Fe Gra	ade Si <4%		4.00	-3.00		High Fe G	rade Si <4%		0.25	0.00
1% Silica	High Fe Gra	ade Si 4-6.5%		17.00	-3.00	1% Silica	High Fe G	rade Si 4 - 6.	5%	0.50	0.00
	Low Fe Gra	de		10.00	3.00						
0.010/	High Fe Gra	ade 0.09% <p<0< td=""><td>0.115%</td><td>2.00</td><td>0.00</td><td>0.01%</td><td>High Fe G</td><td>rade 0.09%&lt;</td><td>P&lt;0.115%</td><td>0.00</td><td>0.00</td></p<0<>	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>&lt;0.15%</td><td>6.00</td><td>0.00</td><td>Phosphorus</td><td>High Fe G</td><td colspan="2">High Fe Grade 0.115%<p<0.15%< td=""><td>0.25</td><td>-0.25</td></p<0.15%<></td></p<<>	<0.15%	6.00	0.00	Phosphorus	High Fe G	High Fe Grade 0.115% <p<0.15%< td=""><td>0.25</td><td>-0.25</td></p<0.15%<>		0.25	-0.25
Phosphorus	Low Fe Gra	de 0.09 <p<0.1< td=""><td>%</td><td>0.00</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td></p<0.1<>	%	0.00	0.00						
			Port S	Stock Price Diff	ferentials to Qing	dao Port for PB Fine	s (RMB/wet t	onne)			
Port	Value	Change	Port	t Valu	ue Change	e Port	Value	Change	Port	Value	Change
Bayuguan	-25.00	0.00	Fangcher	ng -5.0	0.00	Lanshan	0.00	0.00	Oingdao	0.00	0.00

	Port Stock Price Differentials to Qingdao Port for PB Fines (RMB/wet tonne)														
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change				
Bayuquan	-25.00	0.00	Fangcheng	-5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00				
Beilun	5.00	0.00	Jiangyin	-40.00	0.00	Lianyungang	0.00	0.00	Rizhao	0.00	0.00				
Caofeidian	-5.00	5.00	Jingtang	-5.00	5.00	Majishan	0.00	0.00	Shekou	0.00	0.00				
Dalian	-40.00	0.00	Lanqiao	0.00	0.00	Nantong	-40.00	0.00	Tianjin	-35.00	0.00				

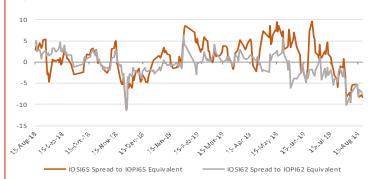












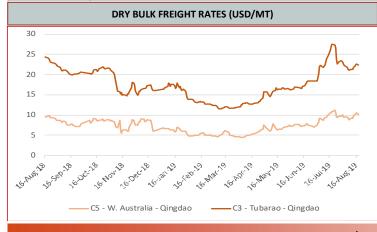
## TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES) 145 140 135 130 115 110 105 100

	FUTURE TRADING—FRONT MONTH CLOSING PRICE	
1000		130
900	- MAN	120
e 800		110
n n 7 700		100
B M	Day of March	90
R. 600		80
500	- The state of the	70
400		60
20.AUB.	Been to Crist to the State to the Strict to the State of the Strict to the State of	
	—— Dalian 3pm Close —— SGX Front Month 6pm (RHS)	

ı	IRON ORE PORT INVENTORIES (MILLION TONNES)											
Week Ending August 16th, 2019												
Province	This week	Change %	Low <sup>2</sup>	High <sup>2</sup>								
Jingtang	13.02	5.85%	10.80	16.37								
Qingdao	12.67	-3.06%	12.38	19.01								
Caofeidian	14.32	-1.98%	14.32	20.10								
Tianjin	7.12	1.14%	6.39	10.40								
Rizhao	12.68	7.37%	11.65	17.30								
Total (35 Ports)	105.81	-1.88%	104.40	138.82								

	D	CE (RMB/WN	IT)	SGX (USD/DMT)					
Closing Date	Au	g 20th 3pm c	lose	Aı	om				
Contract	12001	Change	Change %	Sep'19	Change	Change %			
Closing Price	609.00	-8.0	-1.30%	86.28	0.25	0.29%			
Vol traded ('000 lots)	149.98	-51.7	-25.64%	17.15	3.10	22.05%			
Open positions ('000 lots)	136.81	-7.2	-4.98%	157.27	-3.06	-1.91%			
Day Low	609.0	1.5	0.25%	85.98	0.52	0.61%			
Day High	622.0	-13.5	-2.12%	87.30	-1.07	-1.21%			

**IRON ORE FUTURES CONTRACTS** 





#### STEEL SPOT MARKET PRICES—CHINA

Steel Spot Market RMB/tonne										
Product	16/8/2019	Change	Change %							
ReBar HRB400	3,720.0	20	0.54%							
Wirerod Q300 ¢6.5mm	4,000.0	40	1.01%							
HRC Q235/SS400 5.5mm*1500*C	3,730.0	80	2.19%							
CRC SPCC/ST12 1.0mm*1250*2500	4,240.0	20	0.47%							
Medium & Heavy Plate Q235B 20mm	3,830.0	10	0.26%							
GI ST02Z 1.0mm*1000*C	4,520.0	0	0.00%							
Colour Coated Plate	7,100.0	0	0.00%							



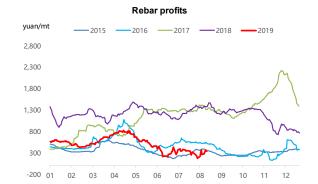
CHINI	CHINESE STEEL MILL PROFITABILITY										
SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)											
Category	Change (WoW)	Note									
MMi (Fe 62%), USD/mt exluding tax	89.20	-6.60	Mmi CFR Equivalent index for 1st Feb								
Coke	2,110	100	2nd grade met coke, Tangshan, incl. tax								
Steel Scrap	2,270	-90	steel scrap (6mm) in Zhangjiagang, exl. tax								
Billet Cost	3,124	-36	Q234, incl. tax								
Rebar cost - Blast furnace	3,374	-37	calculated based on theoretical weight, incl. tax								
Rebar profit - Blast furnace	336	77	based on Shanghai prices, incl. tax								
Hot-rolled coil cost - Blast furnace	3,441	-36	based on actual weight, incl. tax								
Hot-rolled coil proft - Blast furnace	299	126	hased on Shandhai prices, incl. tay								

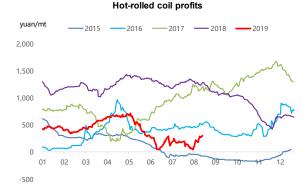
Note: 1 Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

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

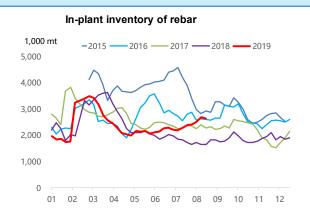


#### **CHINESE STEEL MILL PROFITABILITY**





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Sizing

**Pricing Point** 

Timing (Seaborne)

Payment Terms

		IRON ORE INDEX S	PECIFICATIONS, COM	MPILATION RATIONALE AND DA	TA EXCLUSION	S						
	Iron Ore	Index Specifications	(Port and Seaborne		Iron Ore Ind	ex Compilation R	ationale and Dat	ta Exclusions				
	65% Fe Fines	62% Fe Fines	58% Fe Fines	62.5% Fe Lump	MMi iron ore indice	es are compiled from o	data provided by com	panies that are				
Fe %	65.00	62.00	58.00	62.50	1.1	supply chain and invo ed using detailed trans						
Alumina %	1.40	2.25	2.25	1.50	these companies. T	panies. This data is normalised to the appropriate specifications						
Silica%	1.50	4.00	5.50	3.50			outliers before volume-weighted average prices are emaining core set of data.					
Phosphorus %	0.06	0.09	0.05	0.08	For more details or	MMi's iron ore metho	odology please down	load the guide				
Sulphur %	0.01	0.02	0.02	0.02	published on our w	ebsite at: www.mmip	rices.com					
Moisture %	8.00	8.00	9.00	4.00								
	Cuamulan aina ha	.l 10 fa a l.a.a	at 000/ af an ana.	Sina halaw C 2 150/		Data Excl						
Ciring	Granular Size be	elow 10mm for at lea	st 90% of cargo;	Size below 6.3mm max 15%		62%	58%	65%				

Size below 6.3mm max 15%
Size above 31.15mm max 25%
Port Index
Seaborne Index

FOT Qingdao Port
Delivery within 2 weeks
L/C at sight or CAD

Lump Index 62.5

\* 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

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.

		AVEF	RAGE IRON	ORE SPECIF	PPLIED FOR BRAND PRICE A	SSESSMEN	TS						
	PORT	STOCK BRAN	NDS			SEABORNE BRANDS							
August 20th 2019	Specifi	cations appli	ed for 62%	brand asses	sments		Specifications applied for 62% brand assessment						
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture		
Roy Hill	61.16%	2.25%	4.61%	0.052%	9.35%	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	61.48%	2.36%	3.85%	0.099%	9.42%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%		
Newman Fines	62.58%	2.26%	3.96%	0.083%	8.00%	Newman Fines	62.80%	2.20%	4.30%	0.080%	6.40%		
MAC Fines	60.88%	2.23%	4.51%	0.079%	7.64%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%		
Jimblebar Blended Fines	60.72%	3.02%	4.51%	0.119%	7.38%	Jimblebar Blended Fines	59.50%	3.70%	5.80%	0.135%	8.30%		
Carajas Fines	65.58%	1.26%	1.34%	0.073%	8.34%	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	63.04%	1.56%	4.36%	0.078%	8.71%	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%		
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%		
August 20th 2019	Specifi	cations appli	ed for 58%	brand asses	sments								
	Fe	Alumina	Silica	Phos	Moisture								
SSF	56.66%	3.08%	6.33%	0.058%	8.24%								
FMG Blended Fines	58.22%	2.58%	5.47%	0.061%	7.67%								
Robe River	56.28%	2.91%	5.58%	0.035%	9.29%								
Western Fines	57.88%	2.87%	7.50%	0.062%	7.45%								
Atlas Fines	56.59%	2.55%	7.14%	0.080%	8.46%								
Yandi	57.32%	1.51%	6.32%	0.041%	8.85%								

BLOOMBERG TICKERS			
	PORT STOCK INDICES		
	FOT Qingdao (RMB/wet tonne)	CFR Qingdao Equivalent (USD/dry tonne)	
IOPI62	IRCNQ001	IRCNQ004	
IOPI58	IRCNQ002	IRCNQ005	
IOPI65	IRCNQ003	IRCNQ006	
IOPLI62	IRCN0036	IRCN0037	
SEABORNE INDICES			
	CFR Qingdao (USD/DMT)		
IOSI62	IRCN0034		
IOSI65	IRCN0035		

#### **CONTACT US**

MMI Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7629 E: <a href="mailto:jarek@mmiprices.com">jarek@mmiprices.com</a>
SMM Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7630 E: <a href="mailto:jarek@mmiprices.com">jarek@mmiprices.com</a>
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SMM Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7630 E: <a href="mailto:jarek@mmiprices.com">jarek@mmiprices.com</a>
SMM Singapore. Tel: + 65 6850 7630 E: <a href="mailto:

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