

MMi Dashboard

Iron Ore Price Indices

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



701

0.43%

October 24th 2019

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



738

2 0.27%

October 24th 2019

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



-0.16%

October 24th 2019

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



88.60

0.35 0.40%

October 24th 2019

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



95.50

0.30 0.32%

October 24th 2019

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



830

-1.07%

Week Ending October 18th, 2019

Exchange Traded Contracts

DCE Iron Ore 62% Fines 12001 (Jan) RMB/t



628.00

1.21% 7.50

October 24th 2019

(3pm close)

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



84.55

0.55 0.65%

October 24th 2019 (5.30 pm Print)

SHFE Rebar RB2001 (Jan) RMB/t



6.00 0.18%

October 24th 2019

(3pm close)

Freight Rates

C3, Tubarao - Qingdao USD/t



October 23rd 2019

19.93

-0.23 -1.17%

C5, W. Australia - Qingdao USD/t



8.82

-0.04 -0.46%

October 23rd 2019

Steel Rebar (China Domestic) RMB/t

Steel Price



3670

-1.87%

Week Ending October 18th, 2019

Inventory Levels

Iron Ore Inventory at Chinese Ports (35) million tonnes



117.51

0.87 0.75%

Week Ending October 18th, 2019

Steel Inventory in China million tonnes



12.44

-0.71 -5.43%

Week Ending October 18th, 2019

Steel Price

Steel HRC (China Domestic) RMB/t



3510

-1.68%

Week Ending October 18th, 2019

www.mmiprices.com Page 1/6 October 24th 2019

MMi D	Daily Iron O	e Index	Report											Octob	er 24th	2019
						IRON OR	E PORT S	TOCK INDEX	(IOPI)							
October 2	24th 2019		FOT C	Qingdao (ii	nc. 13% VAT), I	RMB/wet	tonne			CFR Qin	gdao Equ	uivale	nt (exc. 13%	VAT), USD	/dry tonne	1
ndex	Fe Content	Price	Change	Change 9	% MTD	YTD	Low ²	High ²	Price	Chang	e Chai	nge %	MTD	YTD	Low ²	High ²
OPI62	62% Fe Fines	701	3	0.4%	731	728	535	928	91.53	0.44	0.	.5%	95.59	97.30	68.50	126.12
OPI58	58% Fe Fines	634	-1	-0.2%	641	640	375	823	83.32	-0.11	0	.1%	84.33	85.67	46.88	112.4
OPI65	65% Fe Fines	738	2	0.3%	768	796	654	992	96.56	0.30	0.	.3%	100.64	106.75	85.47	135.3
		IRO	ON ORE SE	ABORNE	INDEX (IOSI)						N	ЛARK	ЕТ СОММЕ	ENTARY		
October 2	24th 2019			CFR Qii	ngdao, USD/dr	y tonne							ome port stock qu			
Index	Fe Content	Price	Change	Change 9	% MTD	YTD	Low ²	High ²	traders say the	ey made no d	eals today as	s mills or	nly bid relatively lo	ow. Mills preferre	ed to consume th	neir current
OSI62	62% Fe Fines	88.60	0.35	0.40%	91.69	95.12	62.95	127.50	prices have lin				re buys. Given the	e increasing press	sures raining steer	i price, iron o
OSI65	65% Fe Fines	95.50	0.30	0.32%	98.08	106.66	83.20	137.95								
Nook Endi	ing October							JMP INDEX	(IOPLI)							
l8th, 2019	-				nc. 16% VAT), I			2					nt (exc. 16%			
ndex	Fe Content	Price	W-o-W	Change 9	6 MTD	YTD	Low ²	High ²	Price	W-oV	V Char	nge %	MTD	YTD	Low ²	High ³
OPLI62	62.5% Fe Lump	830	-9	-1.1%	835	887	710	1051	101.82	-1.15	-1.	12%	102.39	112.48	88.56	133.8
			IRO	N ORE DO	DMESTIC CON	ICENTRA	TE SPOT P	RICE ASSES	SMENTS A	ND CON	1POSITE	INDI	EX			
Week End	ling October 18t	h, 2019				RMB/to	nne (exclu	ding tax) ³					USD/tonne	(excluding t	tax) ³	
Province	Region	Product		Basis	This week	Change	e %	Low ²	High ²	Т	his week	(Change %	Low	/ ²	High ²
Hebei	Hanxing	66% Fe (Concentrate	Dry	852	-0.69	6	644	1032		120.45		-0.59%	93.5	58	150.03
Hebei	Qian'an	65% Fe (Concentrate	Dry	905	0.0%	6	690	960		127.95		-0.01%	100.	26	139.35
Liaoning	Anshan	65% Fe (Concentrate	Wet	650	0.0%	6	535	745		91.90		-0.01%	77.3	39	104.66
Shandong	Zibo	65% Fe (Concentrate	Dry	895	0.0%	6	740	1040		126.53		-0.01%	106.	.55	151.33
Week Ending October 18th, 2019 This week Change % Low 2 High 2 1 Exchange rate applied: RMB/USD = 7.0727 ² Last 12 months **Weekly exchange rate applied: RMB/USD 7.0732 **Weekly exchange rate applied: RMB/USD 7.0732																
Inina Mine:		•		761.9			609.04	859.50	IDON O	DE CEAE	ODNE	NDE	/ CED OING	SDAO (USE	\/DN4T\	
	IKON	JKE PUKI	INDEX, FO	I QINGD	AO (RMB/W1	1)			IKON O	KE SEAL	SORNE I	NDE	C, CFR QING	JOAU (USL	וואטוען	
1050 – 950 –					- 1.1			145 — 135 —								
850							125					~	M	7		
750	~~	\sim	~~~	~~~	my	Jana .	₹	115			~	_	~~~	7		١
650 -	~~~		~~~~		,	~~~~	~	95 85	7	~~J_	\sim		mar b		(JVX)	May Company
550	بالمرس)							75	7 ~	لسر						
450 — 350 —	~~~~							65 —— 55 ——	\~							
250 -								4.5	0 0		0	0	0 0	0 0		0 0
2400.18	24 Mov. 18 24 Dec. 18	20 20 20 20 20 20 20 20 20 20 20 20 20 2	xMar.19 24 Apr.19	24404,70	un'19 24 July 29 AAU	24588129	1408.79	2208.28 22.16°	17.0ec.78	212 22.4°	22:Mar.	22:AQ	22:May-19	Jun 29 22:Jul 29	22 AUG 19	22:04:29
		IO PI 6		O PI 58 -	— IO PI 65		*					O SI62	IOS			
					ORT STOCK I	NIDEV MA	ONTUIV C	NIADTERIV	AND VEA	2 TO DA						
October 2	24th 2019				inc. 13% VAT),			ZOANTENET	AND ILAI				ent (exc. 13%	4 VAT). USD	/dry tonne	
Index	Fe Content	June	July		September	MTD	QTD	YTD	June	July			September	•	QTD	YTD
IOPI62	62% Fe Fines	825	909	759	758	731	731	728	98.40	111.4		3.29	100.18	95.59	95.59	97.30
IOPI58	58% Fe Fines	726	809	691	674	641	641	640	86.39	98.6) 11	0.47	91.86	84.33	84.33	85.67
IOPI65	65% Fe Fines	901	954	823	803	768	768	796	110.00	121.9	7 12	9.53	108.92	100.64	100.64	106.7
IRO	ON ORE SEABOR	RNE INDEX	(MONTHL	Y, QUART	ERLY AND YE	AR-TO-D	ATE AVER	RAGES				FF	REIGHT RAT	TES		
October 2	24th 2019			CFR Qi	ngdao, USD/dr	y tonne			October 23rd	I 2019			FREIGHT RA	ATES - DRY BU	LK US\$/wet to	nne
Index	Fe Content	June	July	August	September	MTD	QTD	YTD	Route	D	esignation		Change	Change %	Low ²	High ²
IOSI62	62% Fe Fines	108.57	120.82	92.61	93.76	91.69	91.69	95.12	W. Australia -	Qingdao	C5	8.82	-0.04	-0.46%	4.39	11.42
IOSI65	65% Fe Fines	124.49	129.53	101.34	99.42	98.08	98.08	106.66	Tubarao - Qing	dao	СЗ	19.93	-0.23	-1.17%	11.61	29.10
			IR	ON ORE F	PORT LUMP II	NDEX MO	NTHLY, Q	UARTERLY	AND YEAR	-TO-DA	ΓΕ AVER	AGES	5			
Veek Endir 2019	ng October 18th,		FOT	Qingdao (i	nc. 16% VAT),	RMB/wet	tonne			CFR Qin	gdao Eq	uivale	nt (exc. 16%	6 VAT), USD	dry tonne	1
Index	Fe Content	June	July	August	September	MTD	QTD	YTD	May	June	. J	uly	Septembe	r MTD	QTD	YTD
OPLI62	62.5% Fe Lump	1009	1046	870	803	835	835	887	128.00	132.9	9 10	8.80	98.44	102.39	102.39	112.4
					IR	ON ORE I	NDEX PRE	MIUMS/DI	SCOUNTS							
October 24	4th 2019			PORT ST	OCK INDEX (RMI	B/WT)		October 24t	h 2019				SEABOR	NE INDEX (U	SD/DMT)	
ndex	Fe Co	ntent	•	to IOPI62	% 5	Spread to I	OPI62	Index	Fe	Content		Spre	ad to IOSI62		% Spread to	IOSI62
ODITO	F00/ F	T:		-67		-9.56%		II								
OPI58 OPI65	58% Fe			-0 <i>7</i> 37		5.28%		IOSI65	65	% Fe Fines			6.90		7.799	v

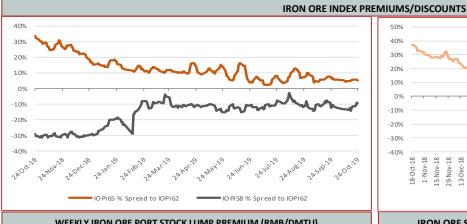




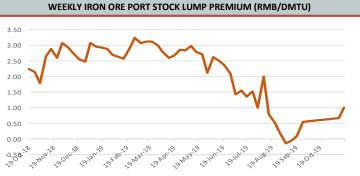
IRON ORE BRAND SPOT PRICE ASSESMENTS												
October 24th 2019	PORT	STOCK INDEX (R	MB/WT)	October 24th 2019	SEABORNE INDEX (USD/DMT)							
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62					
Roy Hill	682	6	-19	Roy Hill	86.62	1.16	-1.98					
SIMEC Fines	691	14	-10	SIMEC Fines	84.70	2.04	-3.90					
PB Fines	679	5	-22	PB Fines	87.60	0.76	-1.00					
Newman Fines	706	2	5	Newman Fines	88.97	0.32	0.37					
MAC Fines	693	8	-8	MAC Fines	86.25	1.29	-2.35					
Jimblebar Blended Fines	631	9	-70	Jimblebar Blended Fines	78.02	3.46	-10.58					
Carajas Fines	740	2	39	Carajas Fines	95.40	0.48	6.80					
Brazilian SSF	712	8	11	Brazilian SSF	87.97	2.22	-0.63					
Brazilian Blend Fines	706	2	5	Brazilian Blend Fines	89.10	1.10	0.50					
RTX Fines	655	7	-46	RTX Fines	81.65	1.99	-6.95					
West Pilbara Fines	678	10	-23	West Pilbara Fines	86.37	1.21	-2.23					

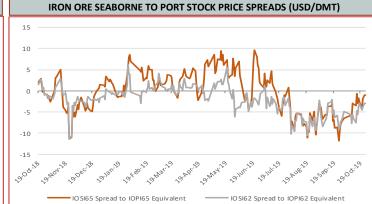
October 24th 2019	PORT	PORT STOCK INDEX (RMB/WT)					
	Price	Change	Diff to IOPI58				
SSF	560	-7	-74				
FMG Blended Fines	629	-2	-5				
Robe River	568	-7	-66				
Western Fines	573	-4	-61				
Atlas Fines	562	-5	-72				
Yandi	602	-3	-32				

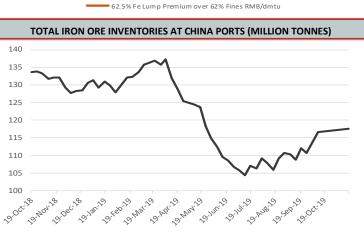
				IRON ORE II	NDEX NORMA	LISATION DIFFER	ENTIALS				
Por	t Stock Index	Product Differe	entials (RI	MB/wet tonne)	Seaborne Index Product Differentials (USD/dry tonne)					
	Ар	plicable range		Value	Change		А	pplicable ran	ge	Value	Change
	High Grade	e Fe 60 - 63%		8.00	-3.00		High Gra	de Fe 60 - 63	%	0.75	-0.25
	High Grade	e Fe 63 - 64%		8.00	1.00		High Gra	de Fe 63 - 64	%	1.25	0.00
1% Fe	High Grade	e Fe 64 - 65%		8.00	1.00	1% Fe	High Gra	de Fe 64 - 65	%	1.25	0.00
	High Grade	e Fe 65 - 65.5%		8.00	1.00		High Gra	de Fe 65 - 65	.5%	1.25	0.00
	Low Grade	Fe		20.00	2.00						
	High Fe Grade Al <2.25%			3.00	0.00		High Fe G	irade Al <2.2!	5%	1.50	0.50
1% Alumina	High Fe Grade Al 2.25-4%			32.00	0.00	40/ 41	High Fe G	irade Al 2.25	-4%	2.00	-0.75
	Low Fe Gra	de Al <2.25%		2.00	0.00	1% Alumina					
	Low Fe Gra	ade Al 2.25-4%		43.00	4.00						
	High Fe Gra	ade Si <4%		4.00	0.00		High Fe G	Grade Si <4%		1.00	0.00
1% Silica	High Fe Gra	ade Si 4-6.5%		3.00	-2.00	1% Silica	High Fe G	Grade Si 4 - 6.	5%	1.00	-0.50
	Low Fe Gra	Low Fe Grade		21.00 0.00							
0.040/	High Fe Gra	ade 0.09% <p<0< td=""><td>.115%</td><td>5.00</td><td>0.00</td><td>0.01%</td><td>High Fe G</td><td>Grade 0.09%<</td><td>P<0.115%</td><td>0.00</td><td>0.00</td></p<0<>	.115%	5.00	0.00	0.01%	High Fe G	Grade 0.09%<	P<0.115%	0.00	0.00
0.01%	High Fe Gra	ade 0.115% <p<< td=""><td>0.15%</td><td>0.00</td><td>0.00</td><td>Phosphorus</td><td>High Fe G</td><td>Grade 0.115%</td><td><p<0.15%< td=""><td>2.25</td><td>0.00</td></p<0.15%<></td></p<<>	0.15%	0.00	0.00	Phosphorus	High Fe G	Grade 0.115%	<p<0.15%< td=""><td>2.25</td><td>0.00</td></p<0.15%<>	2.25	0.00
Phosphorus	Low Fe Gra	de 0.09 <p<0.19< td=""><td>%</td><td>0.00</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td></p<0.19<>	%	0.00	0.00						
			Port St	ock Price Differe	ntials to Qingd	ao Port for PB Fine	s (RMB/wet t	tonne)			
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
Bayuquan	-50.00	0.00	Fangcheng	-5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00
Beilun	5.00	0.00	Jiangyin	-25.00	5.00	Lianyungang	0.00	0.00	Rizhao	0.00	0.00
Caofeidian	0.00	10.00	Jingtang	0.00	10.00	Majishan	0.00	0.00	Shekou	0.00	0.00
Dalian	-50.00	0.00	Lanqiao	0.00	0.00	Nantong	-10.00	0.00	Tianjin	-15.00	5.00

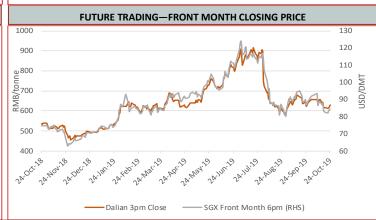








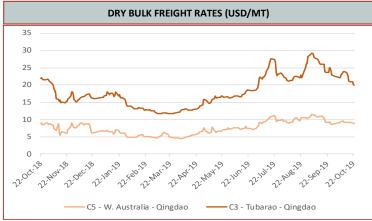




II	IRON ORE PORT INVENTORIES (MILLION TONNES)										
Week Ending October 18th, 2019											
Province	This week	Change %	Low ²	High ²							
Jingtang	16.68	10.03%	10.80	16.68							
Qingdao	13.50	-3.30%	12.38	19.01							
Caofeidian	16.72	0.00%	14.32	19.96							
Tianjin	7.40	1.79%	6.37	10.05							
Rizhao	13.66	4.75%	11.41	17.10							
Total (35 Ports)	117.51	0.75%	104.40	137.30							

	D	CE (RMB/WN	IT)	SGX (USD/DMT)				
Closing Date	Oc	t 24th 3pm cl	ose	Oct 24th 5.30 pm				
Contract	I2001 Change Change %		Nov'19	Change	Change %			
Closing Price	628.00	7.5	1.21%	84.55	0.55	0.65%		
Vol traded ('000 lots)	183.38	-26.7	-12.72%	15.14	2.02	15.38%		
Open positions ('000 lots)	169.79	1.9	1.15%	121.97	-4.70	-3.71%		
Day Low	616.5	1.0	0.16%	82.58	-0.85	-1.02%		
Day High	629.0	1.0	0.16%	84.97	0.02	0.02%		

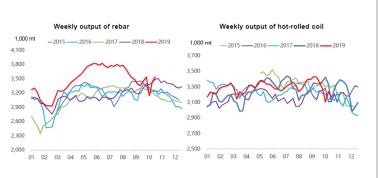
IRON ORE FUTURES CONTRACTS





STEEL SPOT MARKET PRICES—CHINA

Steel Spot Market RMB/tonne								
Product	18/10/2019	Change	Change %					
ReBar HRB400 ¢18mm	3,670.0	-70	-1.87%					
Wirerod Q300 ¢6.5mm	4,040.0	-60	-1.46%					
HRC Q235/SS400 5.5mm*1500*C	3,510.0	-60	-1.68%					
CRC SPCC/ST12 1.0mm*1250*2500	4,240.0	-30	-0.70%					
Medium & Heavy Plate Q235B 20mm	3,700.0	-60	-1.60%					
GI ST02Z 1.0mm*1000*C	4,430.0	-60	-1.34%					
Colour Coated Plate	6,900.0	50	0.73%					

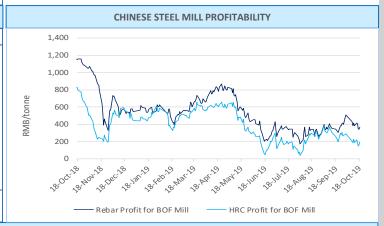


SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)										
Price	Change (WoW)	Note								
89.50	-4.10	Mmi CFR Equivalent index for 1st Feb								
1,910	0	2nd grade met coke, Tangshan, incl. tax								
2,280	-100	steel scrap (6mm) in Zhangjiagang, exl. tax								
3,011	-72	Q234, incl. tax								
3,250	-73	calculated based on theoretical weight, incl. tax								
370	-17	based on Shanghai prices, incl. tax								
3,327	-72	based on actual weight, incl. tax								
193	-8	based on Shanghai prices, incl. tax								
	Price 89.50 1,910 2,280 3,011 3,250 370 3,327	Price Change (WoW) 89.50 -4.10 1,910 0 2,280 -100 3,011 -72 3,250 -73 370 -17 3,327 -72								

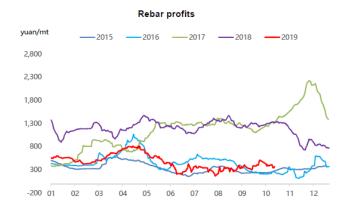
CHINESE STEEL MILL PROFITABILITY

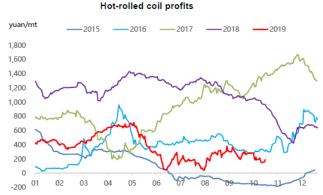
Note: 1 Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

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

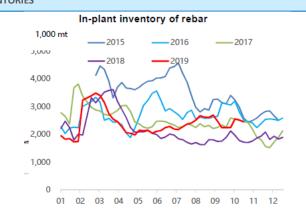


CHINESE STEEL MILL PROFITABILITY





Total Social Steel Inventory CHINESE STEEL INVENTORIES 18 16 14 12 2 18 16 14 4 2 2 17 Total Social Steel Inventory Total Steel Inventory at Steel Mills



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 I	Rationale and Da	ta Exclusions					
	65% Fe Fines	62% Fe Fines	58% Fe Fines	62.5% Fe Lump	MMi iron ore indice	es are compiled from	data provided by con	npanies 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 b these companies. This data is normalised to the appropriate specifications and								
Alumina %	1.40	2.25	2.25	1.50				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			Ü					
Moisture %	8.00	8.00	9.00	4.00									
	Granular size be	elow 10mm for at lea	st 90% of cargo;	Size below 6.3mm max 15%		Data Ex	clusions* 58%	65%					
Sizing	maximu	um of 40% below 150) micron	Size above 31.15mm max 25%	Port Index	0	0	0					
Pricing Point	Qingdao F	Port (FOT and CFR res	FOT Qingdao Port	Seaborne index 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

L/C at sight

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	AGE IRON	PPLIED FOR BRAND PRICE A	SSESSMEN	TS							
	PORT	STOCK BRAN	IDS			SEABORNE BRANDS							
October 24th 2019	Specifi	cations appli	ed for 62%	brand asses	sments		Specifi	Specifications applied for 62% brand assessments					
	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	61.54%	2.39%	3.69%	0.097%	9.58%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%		
Newman Fines	62.50%	2.19%	4.13%	0.092%	7.74%	Newman Fines	62.80%	2.20%	4.30%	0.080%	6.40%		
MAC Fines	60.88%	2.25%	4.62%	0.080%	7.61%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%		
Jimblebar Blended Fines	60.45%	3.04%	4.58%	0.119%	7.67%	Jimblebar Blended Fines	59.50%	3.70%	5.80%	0.135%	8.30%		
Carajas Fines	65.44%	1.29%	1.34%	0.078%	8.22%	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	62.92%	1.54%	4.60%	0.069%	8.39%	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%		
October 24th 2019	Specifi	cations appli	ed for 58%	brand asses	sments								
	Fe	Alumina	Silica	Phos	Moisture								
SSF	56.56%	3.05%	6.24%	0.051%	8.14%								
FMG Blended Fines	58.17%	2.65%	5.44%	0.057%	7.89%								
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	57.23%	1.58%	6.35%	0.041%	9.02%								

	BLOOMBERG TICKERS										
	PORT STO	CK 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									
IOPLI62	IRCN0036	IRCN0037									

CONTACT US

MMI Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7629 E: jarek@mmiprices.com
SMM Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7630 E: service.en@smm.cn
SMM Shanghai Office Details: 9th FL, Building 9, Lujiazui Software Park, No.20, Lane 91, Pudong, Shanghai Tel: +86 021 5155 0306 E: service.en@smm.cn

Visit <u>www.mmiprices.com</u> for full index price histories and archive of daily reports

This information has been prepared by Metals Market Index ("MMI"). Use of the information presented here is at your sole risk, and any content, material and/or data presented or otherwise obtained through your use of the information in this document is at your own discretion and risk and you will be solely responsible for any damage to you personally or your company or organisation or business associates whatsoever which in anyway results from the use, reliance or application of such content material and/or information. Certain data has been obtained from various sources and any copyright existing in such data shall remain the property of the source. Except for the foregoing, MMI retains all copyright within this document. The copying or redistribution of any part of this document without the express written authority of MMI is forbidden.