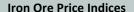
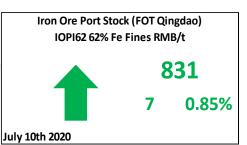
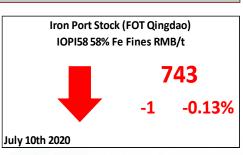


MMi Dashboard

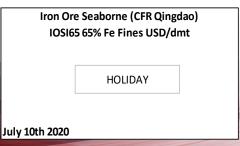


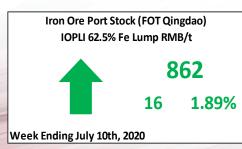


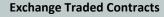


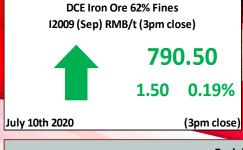




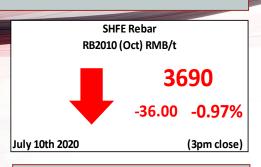












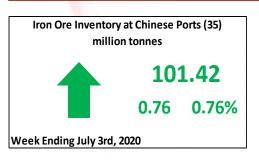
Freight Rates

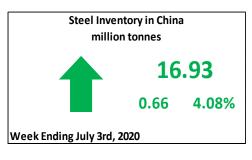






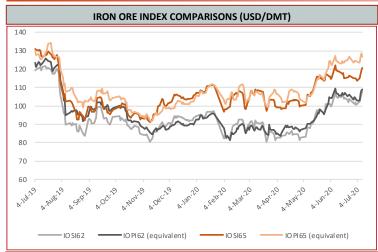
Inventory Levels

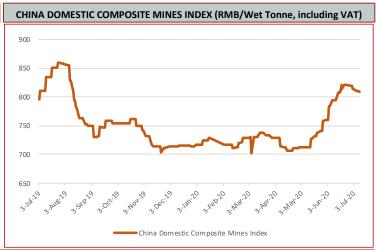






MMi D	aily Ir	on Or	e Inde	k Report											July 10	Oth 2020	0
							IRON	ORE PORT S	TOCK INDEX	K (IOPI)							
July 10th 2	2020			FOT Q	ingdao	(inc. 13%	VAT), RMB/w	et tonne			CFR C	ingdao Ed	quivale	nt (exc. 13%	6 VAT), USD	dry tonne	1
Index	Fe Cor	ntent	Price	Change	Change	% M 1	TD YTD	Low ²	High ²	Pric	e Cha	nge Ch	ange %	MTD	YTD	Low ²	High ²
IOPI62	62% Fe	Fines	831	7	0.8%	80	709	619	928	110.4	43 1.	18 1	1.1%	106.09	93.12	81.37	125.78
IOPI58	58% Fe	Fines	743	-1	-0.19	6 73	7 622	531	823	99.4	l1 0.	06 (0.1%	97.89	82.09	70.02	112.44
IOPI65	65% Fe	Fines	962	8	0.8%	95	0 840	696	989	128.4	45 1 .	36 1	1.1%	125.97	111.08	91.81	134.32
			IR	ON ORE SEA	ABORN	E INDEX (IOSI)						MARK	ET COMMI	ENTARY		
July 10th 2	2020				CFR C	Qingdao, U	SD/dry tonn	e	SMM data showed that iron or e stocks across 35 Chinese ports totalled 10.4.2 million mt as of July 10, up 760,000 mt from a week ago, but 2.98 million mt lower than a year ago. Daily average deliveries from the 35 ports increased 3,000 mt on a weekly basis to 2.87 million mt this week. The enforcement of production extrictions at steel mills in Tangshan was less strict than expected, keeping daily average deliveries from ports in the region								
Index	Fe Cor	ntent	Price	Change	Change	e % M1	TD YTD	Low ²	High ²	at highs of o	close to 340,000 mt	. However, increase	ed arrivals an	an was less strict than e d a pickup in the pace o d deliveries from the tv	of vessel unloading cau	sed stocks in Tangsha	n to rise slightly. In
IOSI62	62% Fe	Fines	107.90	HOLI	DAY	103	.44 92.33	80.40	121.90	between Sh as needed a	nandong and Tangsh at current high price	an narrowed. Deliv	veries from p	orts are unlikely to incr concluded transactions	ease significantly in the	e short term as steel r	mills will restock only
IOSI65	65% Fe	Fines	120.95			116			130.10		t in Tanghsan.						
Week Endin	ng July 10	oth,		FOT 0		(: 430/)	IRON (VAT), RMB/w	ORE PORT L	UMP INDEX	(IOPLI)							3
2020	F. 6.		n.t			•			2	B.1.			-	nt (exc. 13%			
Index	Fe Cor		Price		Change			Low ²	High ²	Pric			ange %		YTD	Low ²	High ²
IOPLI62	62.5% Fe	e Lump	862	16 IRON	1.9%			763	1049	109.4			.63%	108.05	107.72	93.24	133.41
Week Ending July 3rd, 2020 RMB/tonne (excluding tax) 3 USD/tonne (excluding tax) 3																	
Province	<u> </u>	Region	Product		Basis	This we		nge %	Low ²	Hig	gh ²	This wee	ek	Change %	Low		High ²
Hebei		lanxing	66% Fe	Concentrate	Dry	926		0.3%	763	10		130.97		-0.33%	109.	21	150.03
Hebei	a	Qian'an	65% Fe	Concentrate	Dry	908	-1	.8%	780	96	60	128.42		-1.85%	110.	51	139.35
Liaoning	A	nshan	65% Fe	Concentrate	Wet	700	2	.9%	620	72	20	99.01		2.93%	87.4	10	104.66
Shandong	z	ibo	65% Fe	Concentrate	Dry	985	0	.0%	795	10	40	139.32		-0.01%	113.	34	151.33
Week Endin	g July 3rd	l, 2020			This	week	Change %	Low ²	High ²		nge rate applie			²Last 12 mont	hs		
China Mines	Concent	rate Com	posite Inde	ex RMB/WT	814	1.39	0.12%	702.47	859.50	3 Week	ly exchange ra	te applied: RM	B/USD 7.0)242			
		IRON O	RE PORT	INDEX, FO	r QING	DAO (RM	B/WT)			IRO	N ORE SE	ABORNE	INDEX	, CFR QING	GDAO (USE	D/DMT)	
1050 -									140 —								
950	1							m	130								
850 -	W.	_4.				^	, A		120							~	M
750 -		A PAGE	The same	June 1	~~	V MV	$\mathcal{N}_{\mathcal{N}}$		100 —		Λ ~	Λ	~~	~~ \~~	$\mathcal{N}_{\mathcal{N}}$	\sim	my
650 —			- Jan		\sim	my	برمهم		90 —	W	%	VVVV	~~	~~~	7~	/_	
550 -				Janary	~	/ //			80 ——	••		, 6		W	, M	my	
450 —						,			70	.9 .	۵ ۵	.0	.0	0000	00 00	-0	00 00
JOJUL 19	10.Aug.19	588.19	4.29 JOHOV-19	rapecia raisus	70Feb:20	ON01.70 TO V.	TOWAY TO TON	10 JOHN 20	9:Jul.29 9:Aus	eno osea	19 9:0t:19	, MOV-19 9-DE	7.79°	1,50 Step 50	Wat-50 8- Wat-50	o'Wahyo o'Int	3-1420
,	À 42	-	—— IO PI		PI58 =	—— 10 PI 6		,					• IO SI62				
				IRC	ON ORF	PORT ST	OCK INDEX	MONTHLY.	DUARTERLY	AND Y	FAR-TO-	OATF AVE	RAGE	s			
July 10th 2	2020						VAT), RMB/w							ent (exc. 139	% VAT), USD	/dry tonne	
Index	Fe Co	ntent	March	April	May	Jun	e MTD	QTD	YTD	Mar	ch A	oril	May	June	MTD	QTD	YTD
IOPI62	62% Fe	e Fines	667	668	720	807	7 804	804	709	87.6	61 87	.15 9	3.74	105.69	106.09	106.09	93.12
IOPI58	58% Fe	e Fines	577	580	638	730	737	737	622	76.2	20 75	.96 8	33.60	96.40	97.89	97.89	82.09
IOPI65	65% Fe	e Fines	798	804	847	943	950	950	840	105.	.60 10	5.61 1	10.98	124.25	125.97	125.97	111.08
IROI	N ORE S	EABOR	NE INDE	X MONTHLY	, QUAI	RTERLY A	ND YEAR-TO	D-DATE AVE	RAGES				FI	REIGHT RA	TES		
July 10th 2	2020				CFR	Qingdao, L	JSD/dry tonn	e		July 9th,	, 2020			FREIGHT R	ATES - DRY BU		
Index		ntent	March	April	May			•	YTD	Route		Designation		Change	Change %	Low ²	High ²
IOSI62	62% Fe		88.60	83.84	92.47						alia - Qingdao	C5	8.98	-0.27	-2.90%	3.57	11.42
IOSI65	65% Fe	e Fines	105.31	100.97	110.1					Tubarao -		СЗ	19.06		-2.95%	6.70	29.10
Week Endin	a July 10	th					IMP INDEX I		QUARTERLY	AND YE							
2020	1						VAT), RMB/v			-			•	ent (exc. 13%		•	
Index		ntent	March	April	May		ne MTI	•	YTD	Febru	•		April	May	MTD	QTD	YTD
IOPLI62	62.5% F	-e Lump	868	832	832	2 88	38 854		853	106.		0.46 1	01.03	111.88	108.05	106.65	107.72
								E INDEX PR	1		ITS						
July 10th 20	020						X (RMB/WT)		July 10th 20	20	.				NE INDEX (U		100155
Index IOPI58		Fe Cor 58% Fe		•	to IOPI62 88	4	% Spread t -10.5		Index		Fe Conte	nt	Spre	ead to IOSI62		% Spread to	105162
		65% Fe			31		15.7		IOSI65		65% Fe Fir	nes			HOLIDAY		

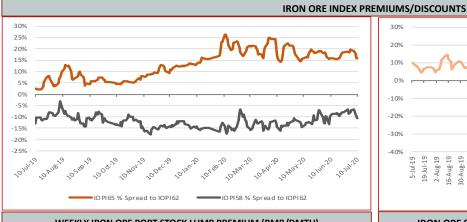




IRON ORE BRAND SPOT PRICE ASSESMENTS											
July 10th 2020	PORT	STOCK INDEX (R	MB/WT)	July 10th 2020	SEABO	SEABORNE INDEX (USD/DMT)					
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62				
Roy Hill	793	7	-38	Roy Hill	102.77						
SIMEC Fines	760	7	-71	SIMEC Fines	98.92						
PB Fines	806	7	-25	PB Fines	106.82						
Newman Fines	831	7	0	Newman Fines	106.65						
MAC Fines	792	7	-39	MAC Fines	103.22						
Jimblebar Blended Fines	733	7	-98	Jimblebar Blended Fines	96.75	HOLII	DAY				
Carajas Fines	963	7	132	Carajas Fines	120.97						
Brazilian SSF	825	7	-6	Brazilian SSF	105.40						
Brazilian Blend Fines	855	7	24	Brazilian Blend Fines	108.52						
RTX Fines	746	7	-85	RTX Fines	101.07						
West Pilbara Fines	777	7	-54	West Pilbara Fines	101.22						

July 10th 2020	PORT STOCK INDEX (RMB/WT)						
	Price	Change	Diff to IOPI58				
SSF	658	-1	-85				
FMG Blended Fines	727	-1	-16				
Robe River	681	-1	-62				
Western Fines	612	-1	-131				
Atlas Fines	753	-1	10				
Yandi	705	-1	-38				

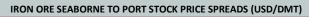
				IRON ORE IN	IDEX NORMA	ALISATION DIFFER	ENTIALS				
Por	t Stock Index	Product Differ	entials (RI	MB/wet tonne)	Seaborne Index Product Differentials (USD/dry tonne)					
	Ар	plicable range		Value	Change		А	pplicable ran	ge	Value	Change
	High Grade	e Fe 60 - 63%		18.00	0.00		High Grad	de Fe 60 - 63	%	3.00	0.00
	High Grade	High Grade Fe 63 - 64%			0.00		High Grad	de Fe 63 - 64	%	3.25	0.00
1% Fe	High Grade	e Fe 64 - 65%		12.00	0.00	1% Fe	High Grad	de Fe 64 - 65	%	3.25	0.00
	High Grade	High Grade Fe 65 - 65.5%			0.00		High Grad	de Fe 65 - 65	.5%	3.25	0.00
	Low Grade	Low Grade Fe			0.00						
	High Fe Grade Al <2.25%			25.00	0.00		High Fe G	rade Al <2.25	5%	0.50	0.00
40/ 41	High Fe Grade Al 2.25-4%			10.00	0.00	40/ 41	High Fe G	rade Al 2.25	-4%	2.00	0.00
1% Alumina	Low Fe Gra	de Al <2.25%		35.00	0.00	1% Alumina					
	Low Fe Gra	de Al 2.25-4%		50.00	0.00						
	High Fe Gra	ade Si <4%		27.00 0.00			High Fe G	rade Si <4%		1.25	0.00
1% Silica	High Fe Grade Si 4-6.5%			22.00	0.00	1% Silica	High Fe Grade Si 4 - 6.5%		5%	1.25	0.00
	Low Fe Gra	Low Fe Grade			0.00						
	High Fe Gra	High Fe Grade 0.09% <p<0.115%< td=""><td>0.00</td><td>0.01%</td><td>High Fe G</td><td colspan="2">High Fe Grade 0.09%<p<0.115%< td=""><td>0.00</td><td>0.00</td></p<0.115%<></td></p<0.115%<>			0.00	0.01%	High Fe G	High Fe Grade 0.09% <p<0.115%< td=""><td>0.00</td><td>0.00</td></p<0.115%<>		0.00	0.00
0.01%	High Fe Gra	ade 0.115% <p<< td=""><td>:0.15%</td><td>17.00</td><td>0.00</td><td>Phosphorus</td><td>High Fe G</td><td>rade 0.115%</td><td><p<0.15%< td=""><td>0.75</td><td>0.00</td></p<0.15%<></td></p<<>	:0.15%	17.00	0.00	Phosphorus	High Fe G	rade 0.115%	<p<0.15%< td=""><td>0.75</td><td>0.00</td></p<0.15%<>	0.75	0.00
Phosphorus	Low Fe Gra	de 0.09 <p<0.19< td=""><td>%</td><td>1.00</td><td>0.00</td><td></td><td></td><td colspan="2"></td><td></td><td></td></p<0.19<>	%	1.00	0.00						
			Port St	ock Price Differe	ntials to Qingo	lao Port for PB Fine	s (RMB/wet t	onne)			
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
Bayuquan	-5.00	0.00	Fangcheng	g -5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00
Beilun	0.00	0.00	Jiangyin	-25.00	0.00	Lianyungang	0.00	0.00	Rizhao	0.00	0.00
Caofeidian	-10.00	0.00	Jingtang	-10.00	0.00	Majishan	0.00	0.00	Shekou	0.00	0.00
Dalian	-5.00	0.00	Lanqiao	0.00	0.00	Nantong	-25.00	0.00	Tianjin	-15.00	0.00





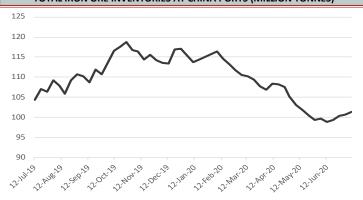
WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (RMB/DMTU)







TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES)



	FUTURE TRADING—FRONT MONTH CLOSING PRICE		
Ī	1000	130	
	900	120	
	d 800	110	
	900 700 700 MM 600	100	JSD/DMT
	BE THE MAN AND THE REST OF THE PERSON OF THE	90	JSD,
	© 600	80	_
	500 —————	70	
	400	60	
	SHIP SHIP SERIES SERIES SCENS SHOWES SERIES SHIP SERIES SHIP SHIP SHIP SHIP SHIP SHIP SHIPS		
	——Dalian 3pm Close ——SGX Front Month 6pm (RHS)		

IRON ORE PORT INVENTORIES (MILLION TONNES)

Week Ending July	10th, 2020			
Province	This week	Change %	Low ²	High ²
Jingtang	12.81	4.49%	10.80	17.00
Qingdao	10.99	1.85%	9.41	14.00
Caofeidian	12.46	-4.08%	12.46	16.78
Tianjin	7.60	1.06%	6.37	8.28
Rizhao	10.76	2.97%	9.44	14.02
Total (35 Ports)	101.42	0.76%	98.80	118.79

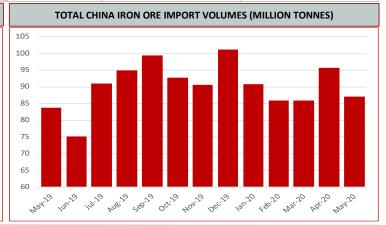
DRY BULK FREIGHT RATES (USD/MT)

		D	CE (RMB/WN	IT)	SGX (USD/DMT)					
	Closing Date	July	10th 3.00 pm	close	July 10th 5.30 pm					
	Contract	12009	Change	Change %	Aug '20	Change	Change %			
	Closing Price	790.50	1.5	0.19%	102.91	-0.14	-0.14%			
	Vol traded ('000 lots)	77.13	-20.33	-20.86%	8.65	-10.60	-55.06%			
	Open positions ('000 lots)	79.29	1.67	2.14%	162.30	-3.28	-1.98%			
	Day Low	785.0	3.0	0.38%	102.40	0.20	0.20%			
9	Day High	797.0	-3.5	-0.44%	103.40	-0.46	-0.44%			

IRON ORE FUTURES CONTRACTS

35 30 25 20 15 10 5

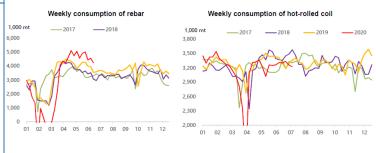
C5 - W. Australia - Qingdao



-C3 - Tubarao - Qingdao

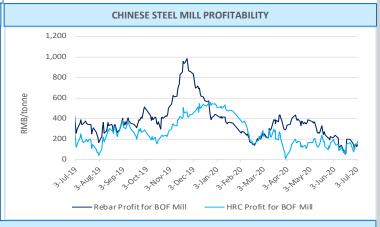
STEEL SPOT MARKET PRICES—CHINA Steel Spot Market RMB/tonne 3/7/2020 Product Change Change % ReBar HRB400 \$18mm 3,570.0 -40 -1.11% Wirerod Q300 ¢6.5mm 3,820.0 -20 -0.52% HRC Q235/SS400 5.5mm*1500*C 3,740.0 0.27% 10 CRC SPCC/ST12 1.0mm*1250*2500 4,120.0 -20 -0.48% Medium & Heavy Plate Q235B 20mm 3,860.0 0 0.00% GI ST02Z 1.0mm*1000*C 4,420.0 0.68% 30 Colour Coated Plate 7,100.0 **50** 0.71%

CHINESE STEEL CONSUMPTION



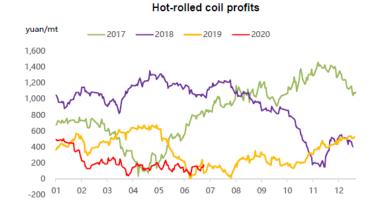
CHINESE STEEL MILL PROFITABILITY										
SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)										
Category	Price	Change (WoW)	Note							
MMi (Fe 62%), USD/mt exluding tax	101.10	-4.20	Mmi CFR Equivalent index for 1st Feb							
Coke	2,010	50	2nd grade met coke, Tangshan, incl. tax							
Steel Scrap	2,530	40	steel scrap (6mm) in Zhangjiagang, exl. tax							
Billet Cost	3,255	-8	Q234, incl. tax							
Rebar cost - Blast furnace	3,490	-10	calculated based on theoretical weight, incl. tax							
Rebar profit - Blast furnace	146	-42	based on Shanghai prices, incl. tax							
Hot-rolled coil cost - Blast furnace	3,572	-8	based on actual weight, incl. tax							
Hot-rolled coil proft - Blast furnace	179	103	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

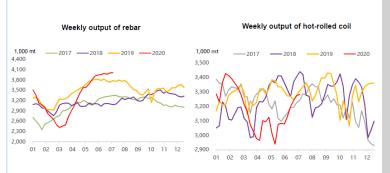


CHINESE STEEL MILL PROFITABILITY





CHINESE STEEL INVENTORIES 25 20 million mt Total Social Steel Inventory Total Steel Inventory at Steel Mills



CHINESE STEEL PRODUCTION

	IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS												
	Iron Ore	Index Specifications	(Port and Seaborne)	Iron Ore Ind	ex Compilation	Rationale and Da	ata Exclusions					
	65% Fe Fines	62% Fe Fines	58% Fe Fines	62.5% Fe Lump	MMi iron ore indice	MMi iron ore indices are compiled from data provided by compa							
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 sizo be	low 10mm for at lea	ct 90% of cargo:	Size below 6.3mm max 15%		Data Ex	clusions*	65%					
Sizing		m of 40% below 150	0,	Size above 31.15mm max 25%	Port Index Seaborne index	0	0	0					
Pricing Point	Qingdao P	ort (FOT and CFR res	pectively)	FOT Qingdao Port	Lump Index 62.5	0							
Timing (Seaborne)	Loading withi	n 4 weeks, Delivery v	vithin 8 weeks	Delivery within 2 weeks	* Number of price submissions for iron ore indices that were excluded fro								
Payment Terms	L/C at sight			L/C at sight or CAD	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.

		AVER	AGE IRON	ORE SPECIF	ICATIONS A	PPLIED FOR BRAND PRICE A	SSESSMEN	TS				
	PORT	STOCK BRAN	IDS			SEABORNE BRANDS						
July 10th 2020	Specifi	cations applie	ed for 62%	brand asses	sments		Specifications applied for 62% brand assessments					
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture	
Roy Hill	60.96%	2.38%	4.45%	0.051%	8.96%	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	61.51%	2.34%	3.87%	0.101%	9.30%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%	
Newman Fines	62.34%	2.36%	4.27%	0.083%	7.90%	Newman Fines	62.30%	2.70%	5.00%	0.110%	8.70%	
MAC Fines	60.73%	2.34%	4.70%	0.076%	7.97%	MAC Fines	60.80%	2.35%	4.70%	0.080%	7.80%	
Jimblebar Blended Fines	60.05%	3.15%	4.84%	0.115%	7.77%	Jimblebar Blended Fines	60.50%	3.70%	5.80%	0.135%	8.70%	
Carajas Fines	65.34%	1.35%	1.59%	0.077%	8.16%	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	63.15%	1.43%	4.66%	0.084%	8.25%	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%	
July 10th 2020	Specifi	cations appli	ed for 58%	brand asses	sments							
	Fe	Alumina	Silica	Phos	Moisture							
SSF	56.63%	3.11%	6.15%	0.061%	9.05%							
FMG Blended Fines	58.08%	2.58%	5.59%	0.055%	8.42%							
Robe River	56.46%	3.22%	5.72%	0.038%	8.37%							
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	57.15%	1.71%	6.43%	0.040%	9.26%							

	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	10S165	IRCN0035							
IOPI65	IRCNQ003	IRCNQ006									
IOPLI62	IRCN0036	IRCN0037									

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