

MMi Dashboard

Iron Ore Price Indices

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

1

674

10 1.51%

February 20th, 2020

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

1

828

33 4.15%

February 20th, 2020

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

1

572

1.96%

11

February 20th, 2020

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



92.75

2.00 2.20%

February 20th, 2020

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



108.10

1.50 1.41%

February 20th, 2020

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



816

5 0.62%

Week Ending February 14th, 2019

Exchange Traded Contracts

DCE Iron Ore 62% Fines I2005 (May) RMB/t



667.00

21.50 3.33%

February 20th, 2020

(3pm close)

SGX Iron Ore (CFR Qingdao) 62% Fe Fines March'20 USD/dmt



89.00

1.80 2.06%

February 20th, 2020 (5.30 pm Print)

SHFE Rebar RB2005 (May) RMB/t



3460

66.00 1.94%

February 20th, 2020

(3pm close)

Freight Rates

C3, Tubarao - Qingdao USD/t



12.99

0.02 0.12%

February 19th, 2020

C5, W. Australia - Qingdao USD/t



5.93

0.10 1.71%

February 19th, 2020

Steel Price

Steel Rebar (China Domestic) RMB/t



3440

30 -0.86%

Week Ending January 14th, 2019

Inventory Levels

Iron Ore Inventory at Chinese Ports (35) million tonnes



114.55

-1.81 -1.56%

Week Ending February 14th, 2020

Steel Inventory in China

million tonnes



25.54

3.92 18.13%

Week Ending January 14th, 2019

Steel Price

Steel HRC (China Domestic) RMB/t



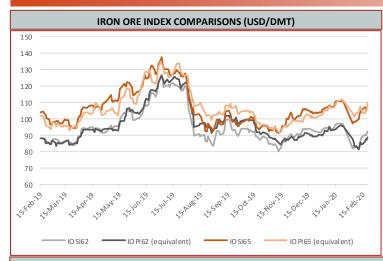
3/180

80 -2.25%

Week Ending January 14th, 2019

www.mmiprices.com Page 1/6 February 20th, 2020

MMi D	aily Irc	on Or	e Inde	x Report											Febru	ary 20th	1, 2020
							IRON OR	RE PORT S	TOCK INDEX	(IOP	기)						
February 2	20th, 202	20		FOT C	Qingdao	(inc. 13% VAT	, RMB/wet	tonne			CFR C	Qingdao E	quivale	nt (exc. 13%	% VAT), USD,	dry tonne	1
Index	Fe Con	tent	Price	Change	Change	% MTD	YTD	Low ²	High ²	Pr	rice Cha	ange Ch	ange %	MTD	YTD	Low ²	High ²
IOPI62	62% Fe	Fines	674	10	1.5%	647	678	619	928	88	3.74 1.	36	1.6%	85.26	90.04	81.37	126.12
IOPI58	58% Fe	Fines	572	11	2.0%	549	576	531	823	75	5.55 1.	52	2.1%	72.52	76.75	70.02	112.44
IOPI65	65% Fe	Fines	828	33	4.2%	788	799	695	992	109	9.89 4.	51	4.3%	104.69	106.74	91.81	135.34
			IR	ON ORE SEA	ABORNE	INDEX (IOS	1)						MARK	ЕТ СОММ	ENTARY		
February 2	20th, 202	:0			CFR C	ingdao, USD/	dry tonne		Physical iron ore port stock md-grade quotes rose by 10-15yuan/mt though total concluded transactions dropped as some traders were reluctant to sell in a rising market and mills were reluctant to buy in size. According to SMM, long-process steel								
Index	Fe Con	tent	Price	Change	Change	% MTD	YTD	Low ²	High ²				ort stock market,				
IOSI62	62% Fe	Fines	92.75	2.00	2.20%	6 86.48	90.90	80.40	127.50		has fallen, impactin						
IOSI65	65% Fe	Fines	108.10	1.50	1.419	6 102.74	105.63	91.20	137.95								
							IRON OR	E PORT LU	JMP INDEX	(IOPL	LI)						
Week Endii 14th, 2019	ng Februa	ry		FOT C	(ingdao	inc. 13% VAT)	, RMB/wet	tonne			CFR Q	(ingdao Ed	quivaler	nt (exc. 13%	6 VAT), USD,	dry tonne	3
Index	Fe Con	tent	Price	W-o-W	Change	% MTD	YTD	Low ²	High ²	Pr	rice W-	oW Ch	ange %	MTD	YTD	Low ²	High ²
IOPLI62	62.5% Fe	Lump	816	5	0.6%	814	850	763	1051	104	4.04 0.	51 (0.49%	103.78	107.25	93.24	133.81
IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX																	
Week End	ling Janua	ry 14th	, 2019				RMB/to	nne (exclu	ding tax) 3					USD/tonne	(excluding t	ax) 3	
Province	Re	egion	Product		Basis	This week	Change	e %	Low ²	F	High ²	This wee	ek	Change %	Low	I ²	High ²
Hebei	На	anxing	66% Fe	Concentrate	Dry	763	-1.09	%	704	1	1032	109.28	3	-1.18%	104.	68	150.03
Hebei	Qi	ian'an	65% Fe	Concentrate	Dry	810	0.0%	6	735		960	116.01	L	-0.14%	109.	45	139.35
Liaoning	Ar	nshan	65% Fe	Concentrate	Wet	640	-1.5%	%	545		720	91.66		-1.68%	81.0	04	104.66
Shandong	Zil	bo	65% Fe	Concentrate	Dry	830	0.0%	6	765	1	1040	118.88	3	-0.14%	113.	34	151.33
Week Endin							nge %	Low ²	High 1 Exchange rate applied: RMB/USD = 7.0026 2 Last 12 months 3 Weekly exchange rate applied: RMB/USD 6.9821								
China Mines					711			621.60	859.50		ON ODE SE	************	INDEX	CED OIN	CD 4 O (U.C.	(D. 4.T.)	
		KON C	JKE PUKI	INDEX, FO	I QINGI	DAO (RMB/V	VI)			IK	ON ORE SE	ABURNE	INDEX	, CFK QIN	GDAO (USL	וואטון	
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950 —			^\	M					140			\mathcal{N}	1.0				
850 —				my		^	~~	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	120		~	$\sqrt{\Gamma}$	m				
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2018 20 20	20 AG	70 May	129 JOHN 19	20111123 20AUE'19	205ep.19	roging somoring	Decise 2018nia	10fab-20	,9/tab.19	122 VOL	Paris Paranta	3-Jun-19 19-Jul	1,19 19.AUR	,	Ot.79 19 Mours	goecis galan	20 29×8020
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F. b	2016 202	•				PORT STOCK			QUARTERLY	AND					V V A T \ LICD	/	
February 2	Fe Cor		October	November		(inc. 13% VAT), KIVIB/WET	QTD	YTD	Oct	tober Nove				% VAT), USD, MTD	QTD	YTD
IOPI62	62% Fe		721	665	683	706	647	678	678				89.84	94.23	85.26	90.04	90.04
IOPI58	58% Fe		636	567	592	600	549	576	576				78.18	80.46	72.52	76.75	76.75
IOPI65	65% Fe		758	723	764	808	788	799	799				00.90	108.54	104.69	106.74	106.74
IRO	N ORE SI	EABOR	NE INDE	X MONTHLY	Y, QUAF	RTERLY AND	YEAR-TO-D	ATE AVER	AGES				FF	REIGHT RA	TES		
February 2	20th, 202	0			CFR C	Qingdao, USD/	dry tonne			Febru	ıary 19th, 2020	1	Ι	FREIGHT R	ATES - DRY BUI	LK US\$/wet to	nne
Index	Fe Cor		October	November		er January	MTD	QTD	YTD	Route	e	Designation	n	Change	Change %	Low ²	High ²
IOSI62	62% Fe	Fines	90.81	85.83	92.64	•	86.48	90.90	90.90	W. Aus	stralia - Qingdao	C5	5.93	0.10	1.71%	4.39	11.42
IOSI65	65% Fe	Fines	97.45	96.49	104.14	107.56	102.74	105.63	105.63	Tubara	ao - Qingdao	C3	12.99	0.02	0.12%	11.61	29.10
				IRO	ON ORE	PORT LUMP	INDEX MO	NTHLY, Q	UARTERLY	AND	YEAR-TO-D	ATE AVE	RAGES				
Week Endin 2019	ng Februar	y 14th,		FOT	Qingdao	(inc. 13% VAT), RMB/wet	tonne			CFR (Qingdao E	quivale	nt (exc. 13	% VAT), USD	/dry tonne	1
Index	Fe Cor	ntent	October	Novembe	r Decem	ber January	MTD	QTD	YTD	Oct	tober Nove	ember De	cembe	r January	MTD	QTD	YTD
IOPLI62	62.5% Fe	e Lump	829	794	825	868	814	850	850	10	8.80 98	3.44	97.89	108.99	103.78	107.25	107.25
						- 1	RON ORE I	NDEX PRE	MIUMS/DI	scou	JNTS						
February 2	0th, 2020				PORT S	TOCK INDEX (R	MB/WT)		February 20	th, 202	20			SEABOR	RNE INDEX (US	SD/DMT)	
Index		Fe Cor	ntent	Spread	to IOPI62	! !	% Spread to I	OPI62	Index		Fe Conte	nt	Spre	ad to IOSI62		% Spread to	IOSI62
IOPIS8		58% Fe			102		-15.13%		IOSICE		650/5-5			15.25		10.55	0/
IOPI65		65% Fe	rines	1	154		22.85%		IOSI65		65% Fe Fir	nes		15.35		16.55	70

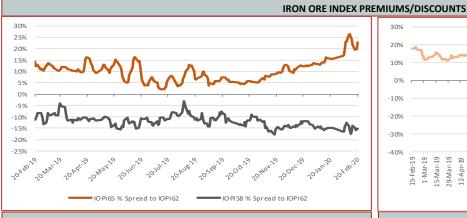




IRON ORE BRAND SPOT PRICE ASSESMENTS											
February 20th, 2020 PORT STOCK INDEX (RMB/WT) F			February 20th, 2020	SEABORNE INDEX (USD/DMT)							
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62				
Roy Hill	635	3	-39	Roy Hill	87.05	1.78	-5.70				
SIMEC Fines	617	-9	-57	SIMEC Fines	82.67	1.42	-10.08				
PB Fines	649	8	-25	PB Fines	91.42	1.92	-1.33				
Newman Fines	677	9	3	Newman Fines	93.70	1.90	0.95				
MAC Fines	649	4	-25	MAC Fines	86.82	2.32	-5.93				
Jimblebar Blended Fines	572	-6	-102	Jimblebar Blended Fines	77.17	2.17	-15.58				
Carajas Fines	831	32	157	Carajas Fines	107.87	1.05	15.12				
Brazilian SSF	694	-4	20	Brazilian SSF	91.50	0.75	-1.25				
Brazilian Blend Fines	694	7	20	Brazilian Blend Fines	94.37	1.37	1.62				
RTX Fines	603	-4	-71	RTX Fines	85.50	2.50	-7.25				
West Pilbara Fines	641	4	-33	West Pilbara Fines	85.40	1.83	-7.35				

February 20th, 2020	PORT	PORT STOCK INDEX (RMB/WT)						
	Price	Change	Diff to IOPI58					
SSF	539	12	-33					
FMG Blended Fines	569	10	-3					
Robe River	539	12	-33					
Western Fines	553	10	-19					
Atlas Fines	551	13	-21					
Yandi	600	17	28					

	IRON ORE INDEX NORMALISATION DIFFERENTIALS											
Por	t Stock Index	Product Differ	entials (R	MB/wet tonne	e)	Seaborne Index Product Differentials (USD/dry tonne)						
	Ар	plicable range		Value	Change		А	pplicable ran	ge	Value	Change	
	High Grade	e Fe 60 - 63%		6.00	0.00		High Grad	de Fe 60 - 63	%	3.25	0.00	
	High Grade	e Fe 63 - 64%		16.00	3.00		High Grad	High Grade Fe 63 - 64%		2.75	0.00	
1% Fe	High Grade	e Fe 64 - 65%		16.00	3.00	1% Fe	High Grad	de Fe 64 - 65	%	2.75	0.00	
	High Grade	High Grade Fe 65 - 65.5%			3.00		High Grade Fe 65 - 65.5%		.5%	2.75	0.00	
	Low Grade	Low Grade Fe		5.00	-2.00							
	High Fe Gra	High Fe Grade Al <2.25%			5.00		High Fe G	High Fe Grade Al <2.25%		2.00	-0.50	
1% Alumina	High Fe Gra	High Fe Grade Al 2.25-4%		16.00	3.00	40/ 41	High Fe G	irade Al 2.25	-4%	2.50	0.00	
	Low Fe Gra	de Al <2.25%		54.00	6.00	1% Alumina						
	Low Fe Gra	de Al 2.25-4%		25.00	2.00							
	High Fe Gra	ade Si <4%		28.00	5.00		High Fe G	irade Si <4%		2.00	-0.25	
1% Silica	High Fe Grade Si 4-6.5%			25.00	8.00	1% Silica	High Fe G	High Fe Grade Si 4 - 6.5%		1.50	0.25	
	Low Fe Gra	Low Fe Grade			0.00							
	High Fe Gra	ade 0.09% <p<0< td=""><td>0.115%</td><td>17.00</td><td>3.00</td><td>0.01%</td><td>High Fe G</td><td>irade 0.09%<</td><td>P<0.115%</td><td>0.25</td><td>-0.25</td></p<0<>	0.115%	17.00	3.00	0.01%	High Fe G	irade 0.09%<	P<0.115%	0.25	-0.25	
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>irade 0.115%</td><td><p<0.15%< td=""><td>0.25</td><td>0.00</td></p<0.15%<></td></p<<>	0.15%	0.00	0.00	Phosphorus	High Fe G	irade 0.115%	<p<0.15%< td=""><td>0.25</td><td>0.00</td></p<0.15%<>	0.25	0.00	
Phosphorus	Low Fe Gra	de 0.09 <p<0.19< td=""><td>%</td><td>6.00</td><td>0.00</td><td>·</td><td></td><td></td><td></td><td></td><td></td></p<0.19<>	%	6.00	0.00	·						
			Port S	Stock Price Differ	entials to Qingo	Lao 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	Fangcher	rg -5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00	
Beilun	5.00	0.00	Jiangyin	-30.00	0.00	Lianyungang	0.00	0.00	Rizhao	0.00	0.00	
Caofeidian	-5.00	0.00	Jingtang	-5.00	0.00	Majishan	0.00	0.00	Shekou	0.00	0.00	
Dalian	-50.00	0.00	Lanqiao	0.00	0.00	Nantong	-30.00	0.00	Tianjin	-30.00	0.00	

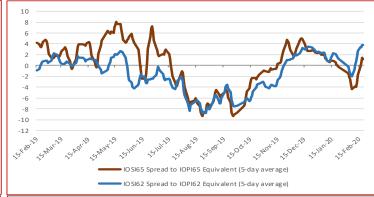




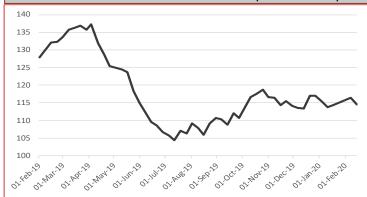
WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (RMB/DMTU)



IRON ORE SEABORNE TO PORT STOCK PRICE SPREADS (USD/DMT)



TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES)



	FUTURE TRADING—FRONT MONTH CLOSING PRICE		
1000		130	
900		120	
800 س		110	
UU 0.		100	M
8MB/tonne 200 800 800	March Marchan 1	90	LMQ/QSN
≥ 600	M. M.	80	\supset
500		70	
400		60	
W.Feb.	2 maris 2 mari		
	—— Dalian 3pm Close —— SGX Front Month 6pm (RHS)		

IRON ORE PORT INVENTORIES (MILLION TONNES)

Week Ending February 14th, 2020										
Province	This week	Change %	Low ²	High ²						
Jingtang	14.76	-7.81%	10.80	17.00						
Qingdao	13.07	-5.70%	12.38	19.01						
Caofeidian	15.41	-2.10%	13.47	18.98						
Tianjin	7.39	0.96%	6.37	9.30						
Rizhao	12.60	3.03%	11.41	17.10						
Total (35 Ports)	114.55	-1.56%	104.40	137.30						

	D	CE (RMB/WN	1T)	SGX (USD/DMT)					
Closing Date	Feb	20th 3.00 pm	close	Feb 20th, 5.30 pm					
Contract	12005	Change	Change %	Mar'20	Change	Change %			
Closing Price	667.00	21.5	3.33%	89.00	1.80	2.06%			
Vol traded ('000 lots)	119.06	54.6	84.65%	28.40	13.70	93.22%			
Open positions ('000 lots)	79.77	-0.22	-0.28%	154.49	5.92	3.98%			
Day Low	644.0	10.0	1.58%	87.03	1.03	1.20%			
Day High	673.5	27.0	4.18%	89.89	2.49	2.85%			

IRON ORE FUTURES CONTRACTS



STEEL SPOT MARKET PRICES—CHINA Steel Spot Market RMB/tonne Product 7/2/2020 Change Change % ReBar HRB400 \$18mm 3,440.0 -30 -0.86% Wirerod Q300 ¢6.5mm 3,560.0 -10 -0.28% HRC Q235/SS400 5.5mm*1500*C 3,480.0 -2.25% -80 CRC SPCC/ST12 1.0mm*1250*2500 4,210.0 -140 -3.22% Medium & Heavy Plate Q235B 20mm 3,600.0 -100 -2.70% GI ST02Z 1.0mm*1000*C 4,460.0 -20 -0.45% Colour Coated Plate 6,850.0 -50 -0.72%

Weekly consumption of rebar Weekly consumption of hot-rolled coil 1,000 mt 2017 2018 2019 2020 1,000 mt 3,800 3,500 3,500 2,900 2,600 2,600 2,300 2,000 1,000 2,000 2,000 2,000 2,000 2,000 1,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2

CHINESE STEEL CONSUMPTION

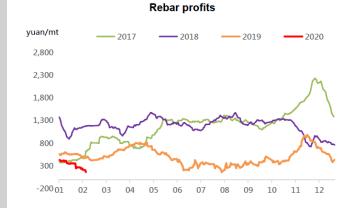
CHINESE STEEL MILL PROFITABILITY									
SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RNB/tonne)									
Category	Note								
MMi (Fe 62%), USD/mt exluding tax	89.00	1.75	Mmi CFR Equivalent index for 1st Feb						
Coke	1,960	0	2nd grade met coke, Tangshan, incl. tax						
Steel Scrap	2,290	0	steel scrap (6mm) in Zhangjiagang, exl. tax						
Billet Cost	3,002	73	Q234, incl. tax						
Rebar cost - Blast furnace	3,240	70	calculated based on theoretical weight, incl. tax						
Rebar profit - Blast furnace	170	-90	based on Shanghai prices, incl. tax						
Hot-rolled coil cost - Blast furnace	3,318	73	based on actual weight, incl. tax						
Hot-rolled coil proft - Blast furnace 182 -193 based on Shanghai prices, incl. tax									
Note: 1 Coats in the table are actualated based on t	la dasa markat	nriana and face ut a	r management calca financial and depreciations force						

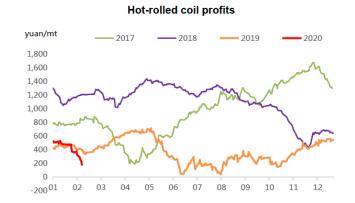
Note: 1 Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

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

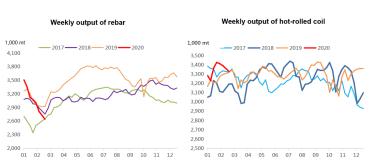


CHINESE STEEL MILL PROFITABILITY









CHINESE STEEL PRODUCTION

Sizing

Pricing Point

Payment Terms

Timing (Seaborne)

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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 Fe % 65.00 62.00 58.00 62.50 indices are calculated using detailed transaction-level data submitted to MMi by 2.25 2.25 1.50 these companies. This data is normalised to the appropriate specifications and Alumina % 1.40 screened to remove outliers before volume-weighted average prices are 4.00 3.50 Silica% 1.50 5.50 calculated from the remaining core set of data. Phosphorus % 0.09 0.05 0.08 0.06 For more details on MMi's iron ore methodology please download the guide published on our website at: www.mmiprices.com Sulphur % 0.01 0.02 0.02 0.02 Moisture % 8.00 8.00 9.00 4.00 Data Exclusions* Granular size below 10mm for at least 90% of cargo; 65%

Size below 6.3mm max 15%
Size above 31.15mm max 25%
FOT Oingdao Port

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

* Number of price submissions for iron ore indices that were excluded from index calculations today as they were anomalous and could not be verified

0

Seaborne index

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	APPLIED FOR BRAND PRICE ASSESSMENTS						
	PORT	STOCK BRAN	IDS			SEABORNE BRANDS						
February 20th, 2020 Specifications applied for 62% brand assessments					Specifications applied for 62% brand assessments							
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture	
Roy Hill	60.70%	2.24%	4.89%	0.060%	9.33%	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	61.50%	2.32%	3.82%	0.100%	9.31%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%	
Newman Fines	62.46%	2.23%	4.12%	0.076%	7.62%	Newman Fines	62.40%	2.20%	4.30%	0.080%	6.40%	
MAC Fines	60.74%	2.35%	4.72%	0.072%	7.62%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%	
Jimblebar Blended Fines	60.30%	3.11%	4.69%	0.116%	7.73%	Jimblebar Blended Fines	59.50%	3.70%	5.80%	0.135%	8.30%	
Carajas Fines	65.17%	1.31%	1.72%	0.082%	7.83%	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	62.66%	1.54%	4.93%	0.076%	7.94%	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%	
February 20th, 2020	Specifi	cations appli	ed for 58%	brand asses	sments							
	Fe	Alumina	Silica	Phos	Moisture							
SSF	56.71%	3.09%	6.18%	0.059%	9.20%							
FMG Blended Fines	58.23%	2.69%	5.61%	0.060%	7.84%							
Robe River	56.31%	3.17%	5.64%	0.041%	9.10%							
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	57.11%	1.55%	6.42%	0.035%	8.98%							

	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								

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

maximum of 40% below 150 micron

Qingdao Port (FOT and CFR respectively)

Loading within 4 weeks, Delivery within 8 weeks

L/C at sight

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

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