

105162

**IOSI65** 

62% Fe Fines

65% Fe Fines

73.95

101.50

0.00

0.00

0.0%

0.0%

70.61

98.11

67.47

#### **Daily Iron Ore Index Report** October 19, 2018 **IRON ORE PORT STOCK INDEX (IOPI)** FOT Qingdao (inc. 16% VAT), RMB/wet tonne October 19 2018 CFR Qingdao Equivalent (exc. 16% VAT), USD/dry tonne 1 Index **Fe Content** Price Change Change % MTD High <sup>2</sup> Price Change % MTD YTD<sup>2</sup> High <sup>2</sup> **IOPI62** 62% Fe Fines 490 443 559 71.03 70.60 65.81 77.89 554 -0.4% 549 -0.39 -0.5% 75.83 **IOPI58** 58% Fe Fines 393 1 0.3% 397 348 304 405 49.29 0.05 0.1% 50.03 45.34 40.67 51.12 **IOPI65** 65% Fe Fines -1 -0.1% 752 639 756 98.18 -0.29 -0.3% 98.11 86.83 96.35 98.51 **IRON ORE SEABORNE INDEX (IOSI) PLATFORM TRADES AND TENDERS** October 19 2018 CFR Qingdao, USD/dry tonne Low <sup>3</sup> Index **Fe Content** Price Change Change % MTD YTD<sup>3</sup> High <sup>3</sup>

#### MARKET COMMENTARY

86.20

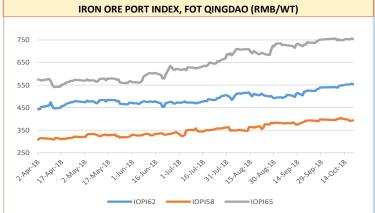
101.50

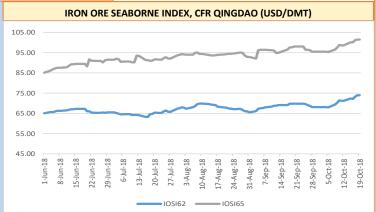
63.25

86.20

Iron ore stocks across 35 Chinese ports increased 650,000 mt over the week ended Friday October 19 to 133.53 million mt. This rebound followed two consecutive weeks of decline, SMM data showed. Daily average deliveries departing those ports rose 3,000 mt to register at 2.65 million mt. Steel mills continued to stockpile before winter cut set in, and this kept daily average deliveries at high levels. More vessels arrived at ports in Shandong province and along the Yangtze River, while limited ships arrived at Tangshan ports over the week. SMM expects the arrivals in Tangshan next week, which will grow iron ore port inventories. Have a great weekend!

#### IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX Week Ending October 12, 2018 RMB/tonne (excluding tax) USD/tonne (excluding tax) High <sup>2</sup> Product Basis This week High <sup>2</sup> Change % Province Region Change % Low 2 This week Low 2 Hebei Hanxing 66% Fe Concentrate 660 0.5% 579 682 95.58 -0.1% 83.85 98.76 Hebei Qian'an 65% Fe Concentrate Dry 780 0.0% 630 780 112.96 -0.6% 91.23 112.96 Liaoning Anshan 65% Fe Concentrate Wet 545 0.0% 445 550 78.92 -0.6% 64.44 79.65 0.0% 109.34 65% Fe Concentrate 755 620 Week Ending October 12, 2018 This week Change % Low 5 High 5 $^{1}$ Exchange rate applied: RMB/USD = 6.9387 $^{2}$ Since March 1 $^{3}$ Since June 1 Weekly exchange rate applied: RMB/USD 6.9053 5 Last 12 months China Mines Concentrate Composite Index RMB/WT 642.37 0.2% 534.50 642.37





INON ORE FORT STOCK INDEX MONTHER, QUARTERET AND TEAR-TO-DATE											AVLINAGI	_5			
October 19	2018		FOT	Qingdao (ii	nc. 16% VAT), F	RMB/wet	tonne		CFR Qingdao Equivalent (exc. 16% VAT), USD/dry tonne <sup>1</sup>						
Index	Fe Content	June	July	August	September	MTD	QTD	YTD <sup>2</sup>	June	July	August	September	MTD	QTD	YTD <sup>2</sup>
IOPI62	62% Fe Fines	471	482	505	513	549	549	490	65.87	64.29	63.41	65.25	70.60	70.60	65.81
IOPI58	58% Fe Fines	332	349	363	385	397	397	348	43.75	44.14	44.86	45.84	50.03	50.03	45.34
IOPI65	65% Fe Fines	594	638	701	732	752	752	639	79.76	82.19	85.29	92.13	98.11	98.11	86.83

IRON ORE PORT STOCK INDEX MONTHLY QUARTERLY AND YEAR-TO-DATE AVERAGES

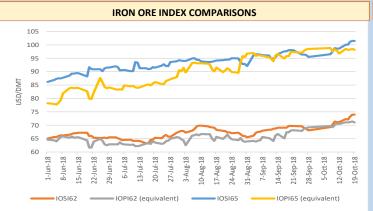
IROI	IRON ORE SEABORNE INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES							FREIGHT RATES							
October 19 2018 CFR Qingdao, USD/dry tonne				October 18, 2018			FREIGHT RATES - DRY BULK US\$/wet tonne								
Index	Fe Content	June	July	August	September	MTD	QTD	YTD <sup>3</sup>	Route	Designation		Change	Change %	Low <sup>5</sup>	High ⁵
IOSI62	62% Fe Fines	66.10	65.09	67.89	68.79	70.61	70.38	67.47	W. Australia - Qingdao	C5	8.64	0.20	2.42%	5.109	10.002
IOSI65	65% Fe Fines	89.32	91.90	94.04	96.48	98.11	97.87	93.66	Tubarao - Qingdao	С3	21.13	0.33	1.57%	12.705	24.76

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# October 19, 2018

SEABORNE INDEX (USD/DMT)





# IRON ORE BRAND SPOT PRICE ASSESMENTS

October 19 2018

October 19 2018	PORT	STOCK INDEX (R	MB/WT)
	Price	Change	Diff to IOPI62
Roy Hill	527	-2	-27
SIMEC Fines	477	-2	-77
PB Fines	537	-2	-17
Newman Fines	556	-2	2
MAC Fines	522	-2	-32
Jimblebar Blended Fines	493	-1	-61
Carajas Fines	737	-2	183
Brazilian SSF	587	-2	33
Brazilian Blend Fines	588	-2	34
RTX Fines	455	1	-99

	Price	Change	Diff to IOSI62
Roy Hill	67.75	0.00	-6.20
SIMEC Fines	60.75	0.00	-13.20
PB Fines	72.75	0.00	-1.20
Newman Fines	74.90	0.00	0.95
MAC Fines	69.15	0.00	-4.80
Jimblebar Blended Fines	73.21	0.00	-0.74
Carajas Fines	99.55	0.00	25.60
Brazilian SSF	77.70	0.00	3.75
Brazilian Blend Fines	79.20	0.00	5.25
RTX Fines	67.95	0.00	-6.00

RTX Fines	455	1	-99						
October 19 2018	PORT STOCK INDEX (RMB/WT)								
	Price	Change	Diff to IOPI58						
SSF	341	1	-52						
FMG Blended Fines	398	1	5						
Robe River	355	1	-38						
Western Fines	372	1	-21						
Atlas Fines	349	1	-44						
Yandi	444	1	51						

# IRON ORE INDEX NORMALISATION DIFFERENTIALS

Port :	Stock Index Product Differentials	RMB/wet tonr	ne)	Seaborne Index Product Differentials (UDS/dry tonne)					
	Applicable range	Value	Change		Applicable range	Value	Change		
	High Grade Fe 60 - 63%	20.00	20.00 0.00 60.00 0.00		High Grade Fe 60 - 63%	2.00	0.00		
	High Grade Fe 63 - 64%	60.00			High Grade Fe 63 - 64%	3.75	0.00		
1% Fe	High Grade Fe 64 - 65%	60.00	0.00	1% Fe	High Grade Fe 64 - 65%	3.75	0.00		
	High Grade Fe 65 - 65.5%	60.00	0.00		High Grade Fe 65 - 65.5%	3.75	0.00		
	Low Grade Fe	22.00	0.00						
	High Fe Grade Al <2.25%	56.00 0.00			High Fe Grade Al <2.25%	11.00	0.00		
1% Alumina	High Fe Grade Al 2.25-4%	33.00	0.00	1% Alumina	High Fe Grade Al 2.25-4%	0.00	0.00		
1% Alullilla	Low Fe Grade Al <2.25%	85.00	0.00						
	Low Fe Grade Al 2.25-4%	16.00	0.00						
	High Fe Grade Si <4%	5.00	0.00		High Fe Grade Si <4%	3.25	0.00		
1% Silica	High Fe Grade Si 4-6.5%	20.00	0.00	1% Silica	High Fe Grade Si 4 - 6.5%	4.00	0.00		
	Low Fe Grade	6.00	0.00						
0.01%	High Fe Grade 0.09% <p<0.115%< td=""><td>3.00</td><td>-1.00</td><td>0.01%</td><td>High Fe Grade 0.09%<p<0.115%< td=""><td>0.00</td><td>0.00</td></p<0.115%<></td></p<0.115%<>	3.00	-1.00	0.01%	High Fe Grade 0.09% <p<0.115%< td=""><td>0.00</td><td>0.00</td></p<0.115%<>	0.00	0.00		
	High Fe Grade 0.115% <p<0.15%< td=""><td>18.00</td><td>0.00</td><td></td><td>High Fe Grade 0.115%<p<0.15%< td=""><td>1.00</td><td>0.00</td></p<0.15%<></td></p<0.15%<>	18.00	0.00		High Fe Grade 0.115% <p<0.15%< td=""><td>1.00</td><td>0.00</td></p<0.15%<>	1.00	0.00		
Phosphorus	Low Fe Grade 0.09 <p<0.1%< td=""><td>7.00</td><td>0.00</td><td>Phosphorus</td><td></td><td></td><td></td></p<0.1%<>	7.00	0.00	Phosphorus					

Port Stock Differentials to Qingdao Port (RMB/wet tonne)												
	Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
	Bayuquan	-30.00	0.00	Fangcheng	-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	-15.00	5.00	Jingtang	-15.00	5.00	Majishan	0.00	0.00	Shekou	0.00	0.00
	Dalian	-20.00	0.00	Lanqiao	0.00	0.00	Nantong	-30.00	0.00	Tianjin	-30.00	0.00

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**Page 2/5** 

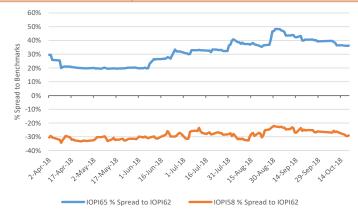
October 19, 2018

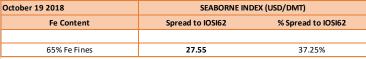


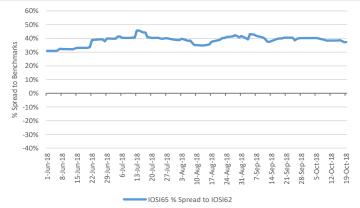
# October 19, 2018

#### IRON ORE INDEX PREMIUMS/DISCOUNTS

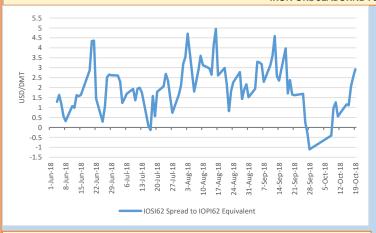
	October 19 2018	PORT STOCK INDEX (RMB/WT)				
Fe Content		Spread to IOPI62	% Spread to IOPI62			
	58% Fe Fines	-161	-29.06%			
	65% Fe Fines	201	36.28%			

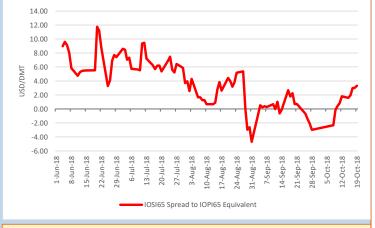






#### IRON ORE SEABORNE TO PORT STOCK SPREADS





### TOTAL IRON ORE INVENTORIES AT CHINA PORTS



FUTURE TRADING—FRONT MONTH CLOSING PRICE	
540	74
520	72
500	70
	e 89
§ 480	to 99
480 480 460 WW 460	9 66 64 CONTRACT
440	62 ⊃
420	60
420	58
400	56
3 rocing rocing their strength in the liming in their strength their strength country	
——Dalian 3pm Close ——SGX Front Month 6pm (RHS)	

IRON ORE PORT INVENTORIES									
Week Ending October 19, 2018 (million tonnes)									
Province This week Change % Low <sup>4</sup> High <sup>4</sup>									
Jingtang	13.60	0.97%	13.47	19.00					
Qingdao	18.00	0.00%	15.60	19.97					
Caofeidian	19.96	0.30%	16.70	25.30					
Tianjin	8.96	5.41%	8.50	11.00					
Rizhao	15.80	1.94%	13.16	19.00					

0.50%

123.89

IRON ORE FUTURES CONTRACTS								
		DCE		SGX				
Closing Date	1	9 Oct 3pm clo	se	19 Oct 6 pm				
Contract	11901	Change	Change %	Nov'18	Change	Change %		
Closing Price	515.0	-2.5	-0.48%	71.55	-0.45	-0.63%		
Vol traded ('000 lots)	85.43	-81.8	-48.92%	19.25	5.50	39.99%		
Open positions ('000 lots)	62.69	-7.0	-10.04%	101.04	0.53	0.53%		
Day Low	512.0	-2.5	-0.49%	71.04	-0.56	-0.78%		
Day High	517.0	-8.0	-1.52%	71.50	-1.35	-1.85%		

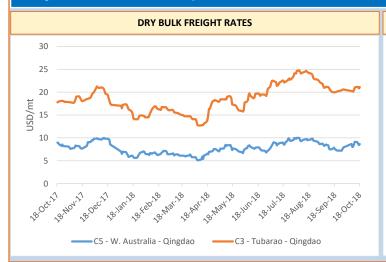
133.53

Total (35 Ports)

150.04



# October 19, 2018





## **Steel Spot Market Prices - China**

Steel Spot Market RMB/tonne			
Product	12/10/2018	Change	Change %
ReBar HRB400 ф18mm	4,593.0	16	0.35%
Wirerod Q300 ¢6.5mm	4,833.0	2	0.04%
HRC Q235/SS400 5.5mm*1500*C	4,238.0	-6	-0.14%
CRC SPCC/ST12 1.0mm*1250*2500	4,833.0	-3	-0.06%
Medium & Heavy Plate Q235B 20mm	4,400.0	-13	-0.29%
GI ST02Z 1.0mm*1000*C	5,225.0	0	0.00%
Billet Q235 150*150mm	3,890.0	70	1.83%



**CHINESE STEEL INVENTORIES** 

CHINESE STEEL EXPORT PRICE	S
----------------------------	---

China Export Prices USD/tonne						
Product Specification		Export tax (+)/Vate rebate (-)		Change		
			12/10/2018			
Rebar	BS4449 460B 12-25mm, + chrome	-13%	575	0		
Wire Rod	SAE1008 6.5-10mm +chrome	-9%	580	0		
Hot-rolled coil	SS400/Q235 4.0-10.mm	-9%	570	-5		
Cold-rolled coil	SPCC 1.0mm	-13%	610	-5		
Medium & Heavy plate	A-level Shipe plate 12-25mm	0%	610	0		
Galvanised	ST02Z/SGCC 1.0mm	-13%	675	-10		

Note: Calculation formula for converting export prices of rebar, cold-rolled steel and galvanizing into prices in China's spot market = FOB\* exchange rate\*118/(118-0.13); Calculation formula for converting export prices of wire rod and hot-rolled steel into prices in hina's spot market = FOB\* exchange rate \*118/(118-0.09); Calculation formula for converting export prices of medium-thick plate into prices in China's spot market = FOB\* exchange rate

# Steel Inventories³ (unit: 1000 tonnes) 12/10/2018 28/9/2018 Change Change % 4,429 4,565 -136 -2.98% 1,455 1,528 -73 -4.78% 2,420 2,379 41 1.72%

 Hot-rolled Coil
 2,420
 2,379
 41
 1.72%

 Medium & Thick Plate
 1,166
 1,185
 -19
 -1.60%

 Cold-rolled Coil
 1,261
 1,241
 20
 1.61%

 Total
 10,730
 10,898
 -168
 -1.54%

<sup>3</sup> SM M 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.

## CHINESE STEEL MILL PROFITABILITY

**Product** 

Wirerod

Rebar

SMM Tracking	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	70.49	1.29	Mmi CFR Equivalent index for 12th October			
Coke	2,310	-100	2nd grade met coke, Tangshan, incl. tax			
Steel Scrap 2,340 0 steel scrap		steel scrap (6mm) in Zhangjiagang, exl. tax				
Billet Cost	3,890	70	Q234, incl. tax			
Rebar cost - Blast furnace	3,274	-33	calculated based on theoretical w eight, incl. tax			
Rebar profit - Blast furnace	1,186	83	based on Shanghai prices, incl. tax			
Hot-rolled coil cost - Blast furnace 3,331 -32 based or		based on actual w eight, incl. tax				
Hot-rolled coil proft - Blast furnace	based on Shanghai prices, incl. tax					
Note: 1 Costs in the table are calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management, calculated based on todays market prices and facoult our management.						

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

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Page 4/5

October 19, 2018



October 19, 2018

#### IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS

INON ONE INDEX SPECIFICATIONS, CONFIGNION NATIONALE AND DATA EXCEDSIONS								
Iron	Ore Index Specificat	ions (Port and Seabo	orne)	Iron Ore Index Compilation Rationale and Data Exclusions				
	65% Fe Fines 62% Fe Fines 58% Fe Fines				MMi iron ore indices are compiled from data provided by companies that are part of the iron ore supply chain			
Fe %	65.00	62.00	58.00	and involved in spot market transactions. The indices are calculated using detailed transaction-level data submitted to MMi by these companies. This data is normalised to the appropriate specifications and screened to remove outliers before volume-weighted average prices are calculated from the remaining core set of data.  For more details on MMi's iron ore methodology please download the guide published on our website at: www.mmiprices.com  * Number of price submissions for iron ore indices that were excluded from index calculations today as they were anomalous and could not be verified				
Alumina %	1.40	2.25	2.25					
Silica%	1.50	4.00	5.50					
Phosphorus %	0.06	0.09	0.05					
Sulphur %	0.01	0.02	0.02					
Moisture %	8.00	8.00	9.00					
Granular size below 10mm for at least 90% of cargo; Sizing maximum of 40% below 150 micron			Data Exc	clusions*				
Duining Daint					62%	58%	65%	
Pricing Point	Qingdao P	o Port (FOT and CFR respectively)		Dort Indov	0	0	0	
Timing (Seaborne)	eaborne) Loading within 4 weeks, Delivery within 8 weeks		Port Index	0	0	0		
Payment Terms			Seaborne index	0	0	0		

#### 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.

#### **AVERAGE IRON ORE SPECIFICATIONS APPLIED FOR BRAND PRICE ASSESSMENTS**

PORT STOCK BRANDS					SEABORNE BRANDS						
October 19 2018	SPECIFICATIONS APPLIED FOR 62% BRAND ASSESSMENT		SESSMENTS	SPECIFICATIONS APPLIED FOR			ED FOR 62%	62% BRAND ASSESSMENTS			
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture
Roy Hill	60.70%	2.30%	4.90%	0.055%	8.00%	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	61.68%	2.33%	3.57%	0.100%	9.24%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%
Newman Fines	62.40%	2.36%	4.22%	0.070%	7.71%	Newman Fines	62.80%	2.20%	4.30%	0.080%	6.40%
MAC Fines	60.96%	2.27%	4.61%	0.100%	7.33%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%
Jimblebar Blended Fines	61.39%	2.80%	4.22%	0.110%	6.79%	Jimblebar Blended Fines	61.79%	2.67%	4.08%	0.115%	7.16%
Carajas Fines	64.80%	1.42%	1.57%	0.070%	8.40%	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	62.74%	1.46%	4.99%	0.020%	8.79%	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%
October 19 2018 SPECIFICATIONS APPLIED FOR 58% BRAND ASSESSMENTS											
	Fe	Alumina	Silica	Phos	Moisture						

# BLOOMBERG TICKERS

9.29%

7.13% 8.58%

7.41%

8.46%

9.11%

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

3.03%

2.79%

3.14%

2.86%

2.55%

1.35%

6.33%

5.90%

5.05%

7.37%

7.14%

6.33%

0.050%

0.070%

0.030%

0.060%

0.080%

0.040%

56.47%

58.36%

56.74%

57.72%

56.59%

57.12%

FMG Blended Fines

Robe River

Atlas Fines Yandi

Western Fines

#### CONTACT US

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www.mmiprices.com Page 5/5 October 19, 2018

