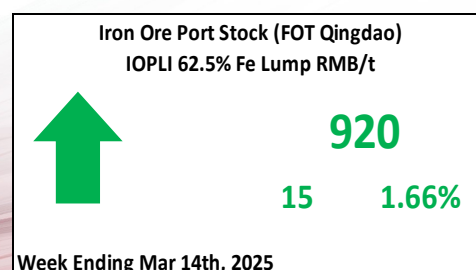
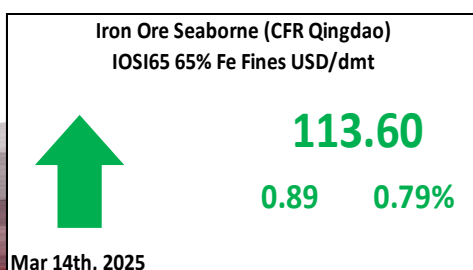
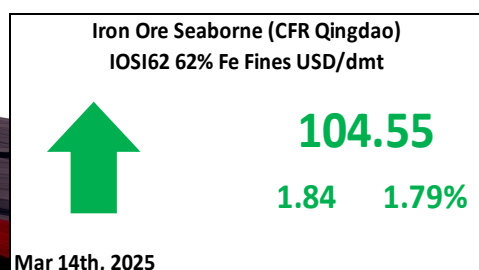
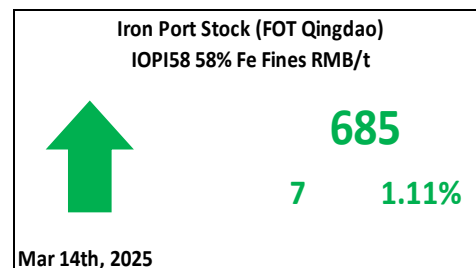
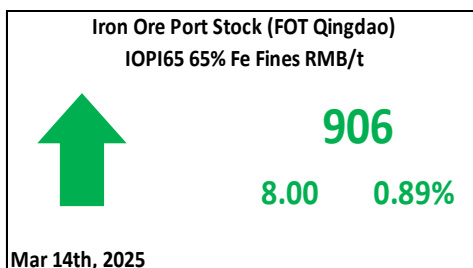
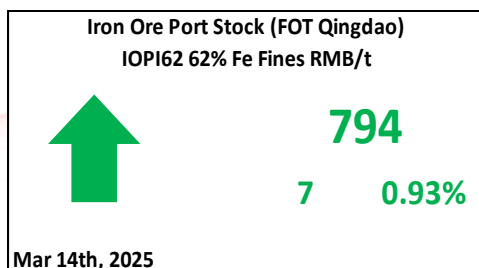


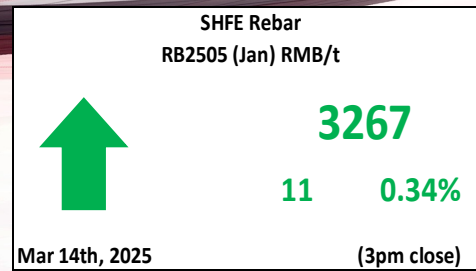
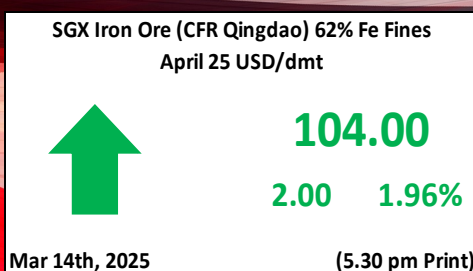
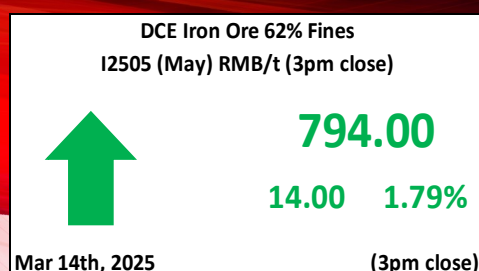


## MMi Dashboard

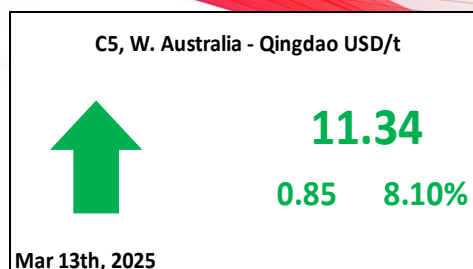
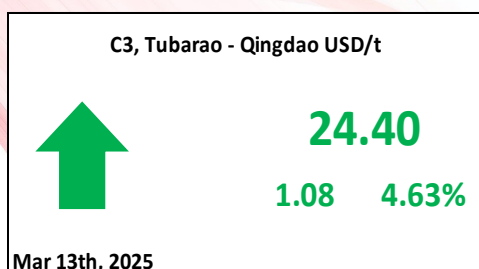
## Iron Ore Price Indices



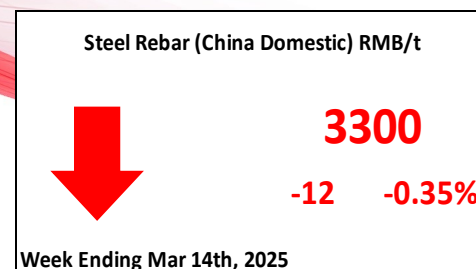
## Exchange Traded Contracts



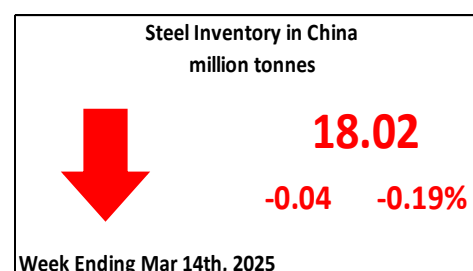
## Freight Rates



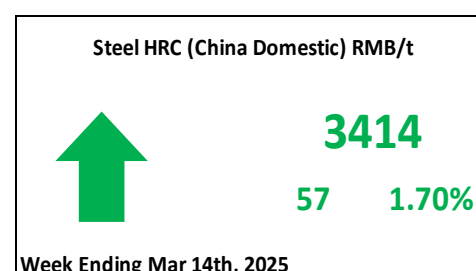
## Steel Price



## Inventory Levels



## Steel Price



## IRON ORE PORT STOCK INDEX (IOPI)

Mar 14th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne <sup>1</sup>						
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>	Price	Change	Change %	MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>
IOPI62	62% Fe Fines	794	7	0.9%	791	859	683	1063	102.71	0.96	0.9%	102.37	112.11	89.33	140.24
IOPI58	58% Fe Fines	685	7	1.1%	696	753	610	963	89.06	1.00	1.1%	90.51	98.86	80.25	128.13
IOPI65	65% Fe Fines	906	8	0.9%	903	970	794	1175	117.73	1.06	0.9%	117.37	127.16	104.47	155.37

## IRON ORE SEABORNE INDEX (IOSI)

## MARKET COMMENTARY

Mar 14th, 2025		CFR Qingdao, USD/dry tonne							Today, DCE iron ore futures upward. The most-traded I2505 contract closed at 794 yuan/mt, up 2.32% for the day. Traders actively sold off, while steel mills remained cautious, purchasing as needed. Market transaction sentiment was average. In Shandong, mainstream transaction prices for PB fines were around 790-795 yuan/mt, up 10-15 yuan/mt from yesterday. In Tangshan, PB fines transaction prices were around 800 yuan/mt, also up 10-15 yuan/mt from yesterday. Today, total inventory at 35 ports monitored by SMM stood at 141.17 million mt, down 1.79 million mt WoW but up 2.03 million mt YoY. The daily average port pick-up volume of imported ore was 2.968 million mt, up 85,000 mt WoW and 90,000 mt YoY. This week, apart from a decline in port arrivals, the accelerated restocking pace by steel mills and the significant increase in port pick-up volume contributed to the expanded destocking. Looking ahead, with pig iron production continuing to rise and downstream demand increasing, the overall demand in the industry chain is improving, providing strong support for ore prices. In the short term, ore prices are expected to continue fluctuating.							
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>								
IOSI62	62% Fe Fines	104.55	1.84	1.79%	103.32	113.11	89.79	142.65								
IOSI65	65% Fe Fines	113.60	0.89	0.79%	115.61	129.56	98.28	171.65								

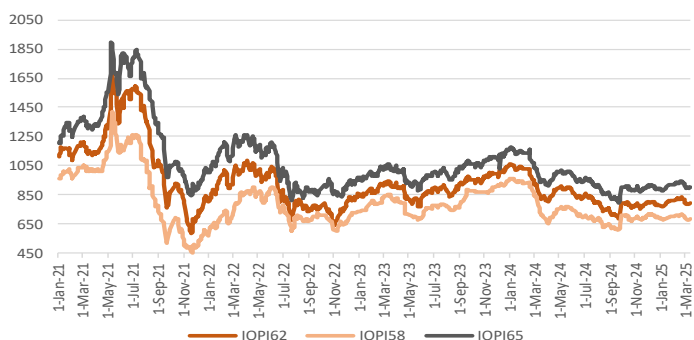
## IRON ORE PORT LUMP INDEX (IOPLI)

Week Ending Mar 14th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne <sup>3</sup>						
Index	Fe Content	Price	W-o-W	Change %	MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>	Price	W-o-W	Change %	MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>
IOPLI62	62.5% Fe Lump	920	15	1.7%	902	994	820	1210	114.64	1.92	1.70%	112.38	124.79	102.77	153.57

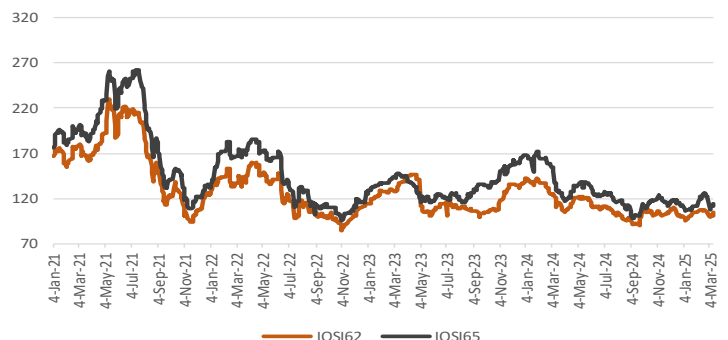
## IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX

Week Ending Mar 14th, 2025				RMB/tonne (excluding tax) <sup>3</sup>				USD/tonne (excluding tax) <sup>3</sup>			
Province	Region	Product	Basis	This week	Change %	Low <sup>2</sup>	High <sup>2</sup>	This week	Change %	Low <sup>2</sup>	High <sup>2</sup>
Hebei	Hanxing	66% Fe Concentrate	Dry	941	-3.8%	861	1226	131.19	-3.79%	122.41	172.59
Hebei	Qian'an	65% Fe Concentrate	Dry	965	-0.5%	960	1300	134.54	-0.53%	133.53	183.23
Liaoning	Anshan	65% Fe Concentrate	Wet	767	-0.9%	715	970	106.93	-0.92%	100.77	136.72
Shandong	Zibo	65% Fe Concentrate	Dry	971	-4.1%	905	1294	135.37	-4.16%	128.66	182.16
Week Ending Mar 14th, 2025				This week	Change %	Low <sup>2</sup>	High <sup>2</sup>	<sup>1</sup> Exchange rate applied: RMB/USD = 7.191 <sup>2</sup> Last 12 months <sup>3</sup> Weekly exchange rate applied: RMB/USD = 7.19258			
China Mines Concentrate Composite Index RMB/WT				877.58	-1.51%	854.16	905.40				

## IRON ORE PORT INDEX, FOT QINGDAO (RMB/WT)



## IRON ORE SEABORNE INDEX, CFR QINGDAO (USD/DMT)



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

Mar 14th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne						
Index	Fe Content	November	December	January	February	MTD	QTD	YTD	October	November	December	February	MTD	QTD	YTD
IOPI62	62% Fe Fines	779	791	786	821	791	777	859	100.71	102.08	101.55	106.36	102.37	100.75	112.11
IOPI58	58% Fe Fines	692	706	689	709	696	681	753	89.97	91.67	89.46	92.40	90.51	88.82	98.86
IOPI65	65% Fe Fines	891	903	899	933	903	889	970	115.71	117.03	116.56	121.35	117.37	115.79	127.16

## IRON ORE SEABORNE INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES

## FREIGHT RATES

Mar 14th, 2025		CFR Qingdao, USD/dry tonne							Mar 13th, 2025							
Index	Fe Content	November	December	January	February	MTD	QTD	YTD	Route		Designation	Change	Change %	Low <sup>2</sup>	High <sup>2</sup>	
IOSI62	62% Fe Fines	103.09	104.94	99.58	105.94	103.32	101.57	113.11	W. Australia - Qingdao		C5	11.34	0.85	8.10%	5.92	14.89
IOSI65	65% Fe Fines	117.71	115.66	108.22	121.06	115.61	113.43	129.56	Tubarao - Qingdao		C3	24.40	1.08	4.63%	16.08	35.02

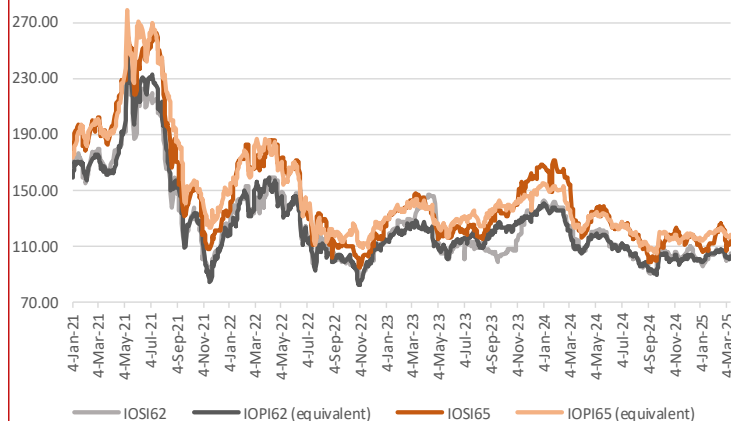
## IRON ORE PORT LUMP INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES

Week Ending Mar 14th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne <sup>1</sup>						
Index	Fe Content	November	December	January	February	MTD	QTD	YTD	November	December	January	February	MTD	QTD	YTD
IOPLI62	62.5% Fe Lump	876	888	909	945	902	891	994	109.09	110.14	113.00	117.88	112.38	111.16	124.79

## IRON ORE INDEX PREMIUMS/DISCOUNTS

Mar 14th, 2025		PORT STOCK INDEX (RMB/WT)				Mar 14th, 2025		SEABORNE INDEX (USD/DMT)			
Index	Fe Content	Spread to IOPI62		% Spread to IOPI62		Index	Fe Content	Spread to IOSI62		% Spread to IOSI62	
IOPI58	58% Fe Fines	-109		-13.73%		IOSI65	65% Fe Fines	9.05		8.66%	
IOPI65	65% Fe Fines	112		14.11%							

## IRON ORE INDEX COMPARISONS (USD/DMT)



## CHINA DOMESTIC COMPOSITE MINES INDEX (RMB/Wet Tonne, including VAT)



## IRON ORE BRAND SPOT PRICE ASSESSMENTS

Mar 14th, 2025				Mar 14th, 2025			
PORT STOCK INDEX (RMB/WT)				SEABORNE INDEX (USD/DMT)			
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62
Roy Hill	737	7	-57	Roy Hill	100.05	1.84	-4.50
SIMEC Fines	665	8	-129	SIMEC Fines	96.55	1.84	-8.00
PB Fines	763	7	-31	PB Fines	100.80	1.84	-3.75
Newman Fines	762	7	-32	Newman Fines	103.68	1.84	-0.88
MAC Fines	744	7	-50	MAC Fines	100.80	1.84	-3.75
Jimblebar Blended Fines	658	7	-136	Jimblebar Blended Fines	93.18	1.84	-11.38
Carajas Fines	974	7	180	Carajas Fines	134.10	1.84	29.55
Brazilian SSF	756	7	-38	Brazilian SSF	108.30	1.84	3.75
Brazilian Blend Fines	776	7	-18	Brazilian Blend Fines	109.93	1.84	5.38
RTX Fines	677	7	-117	RTX Fines	94.43	1.84	-10.13
West Pilbara Fines	706	7	-88	West Pilbara Fines	98.80	1.84	-5.75

Mar 14th, 2025			
PORT STOCK INDEX (RMB/WT)			
	Price	Change	Diff to IOPI58
SSF	685	7	0
FMG Blended Fines	693	7	8
Robe River	694	7	9
Western Fines	697	7	12
Atlas Fines	691	7	6
Yandi	679	7	-6

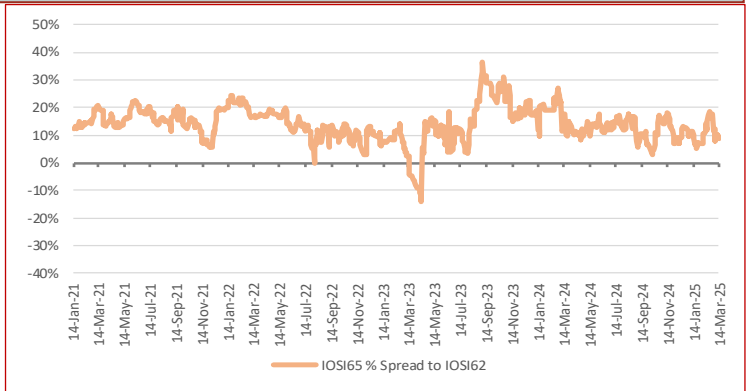
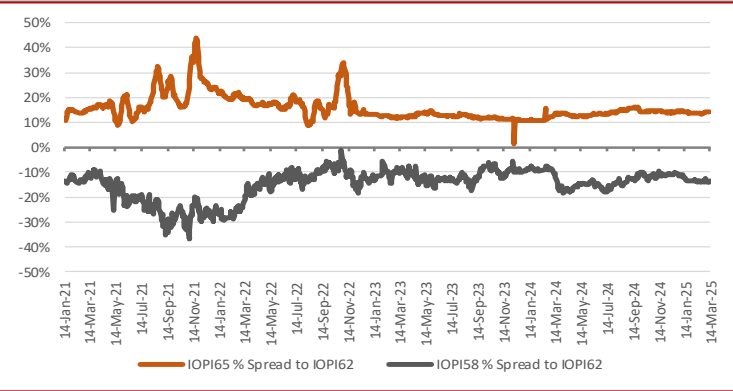
## IRON ORE INDEX NORMALISATION DIFFERENTIALS

Port Stock Index Product Differentials (RMB/wet tonne)				Seaborne Index Product Differentials (USD/dry tonne)			
	Applicable range	Value	Change		Applicable range	Value	Change
1% Fe	High Grade Fe 60 - 63%	5.00	0.00	1% Fe	High Grade Fe 60 - 63%	1.00	-0.25
	High Grade Fe 63 - 64%	18.00	0.00		High Grade Fe 63 - 64%	3.75	0.00
	High Grade Fe 64 - 65%	18.00	0.00		High Grade Fe 64 - 65%	3.75	0.00
	High Grade Fe 65 - 65.5%	18.00	0.00		High Grade Fe 65 - 65.5%	3.75	0.00
1% Alumina	Low Grade Fe	14.00	-4.00	1% Alumina	High Fe Grade Al <2.25%	3.00	0.00
	High Fe Grade Al <2.25%	5.00	0.00		High Fe Grade Al 2.25-4%	0.75	0.00
	High Fe Grade Al 2.25-4%	25.00	5.00				
	Low Fe Grade Al <2.25%	30.00	0.00				
1% Silica	Low Fe Grade Al 2.25-4%	17.00	0.00	1% Silica	High Fe Grade Si <4%	0.25	0.00
	High Fe Grade Si <4%	5.00	0.00		High Fe Grade Si 4 - 6.5%	0.25	0.00
	High Fe Grade Si 4 - 6.5%	25.00	5.00				
0.01% Phosphorus	Low Fe Grade	20.00	-5.00	0.01% Phosphorus	High Fe Grade 0.09%<P<0.115%	0.50	0.00
	High Fe Grade 0.09%<P<0.115%	5.00	0.00		High Fe Grade 0.115%<P<0.15%	1.00	0.00
	High Fe Grade 0.115%<P<0.15%	5.00	0.00		Low Fe Grade 0.09<P<0.1%	5.00	0.00

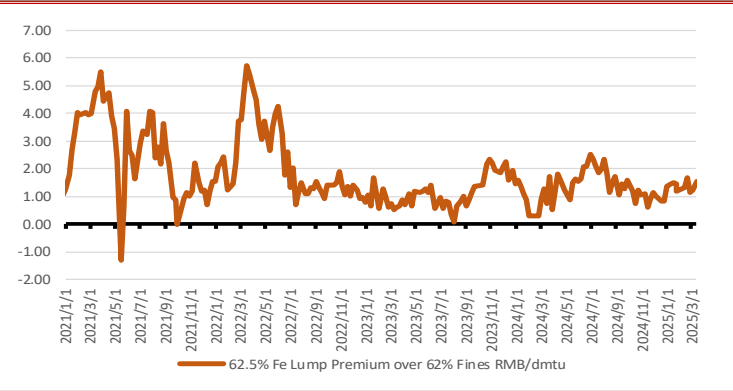
## Port Stock Price Differentials to Qingdao Port for PB Fines (RMB/wet tonne)

Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
Bayuquan	-50.00	0.00	Fangcheng	-25.00	0.00	Lanshan	0.00	0.00	Rizhao	0.00	0.00
Beilun	0.00	0.00	Jiangyin	-20.00	0.00	Lianyungang	0.00	0.00	Shekou	0.00	0.00
Caofeidian	-10.00	0.00	Jingtang	-10.00	0.00	Majishan	0.00	0.00	Taichang	-20.00	0.00
Dalian	0.00	0.00	Lanqiao	0.00	0.00	Qingdao	0.00	0.00	Tianjin	-10.00	0.00

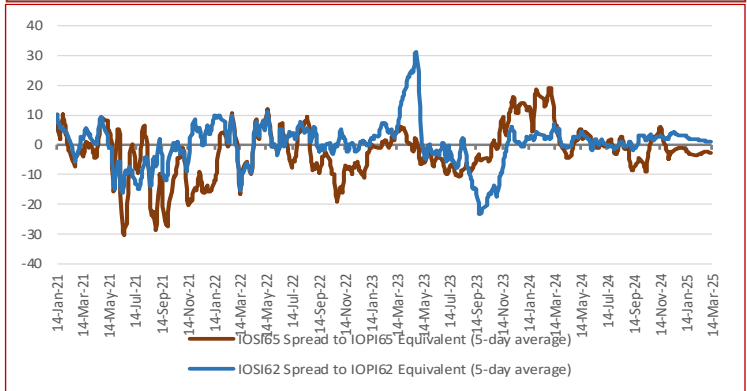
IRON ORE INDEX PREMIUMS/DISCOUNTS



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



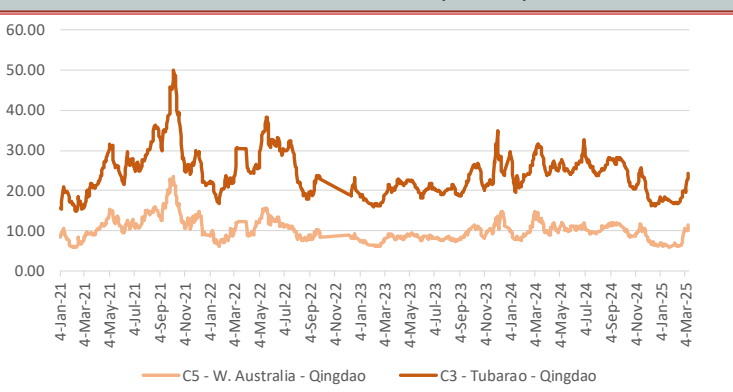
IRON ORE PORT INVENTORIES (MILLION TONNES)

Week Ending Mar 14th, 2025				
Province	This week	Change %	Low <sup>2</sup>	High <sup>2</sup>
Jingtang	14.00	-5.53%	8.29	17.20
Qingdao	26.73	1.06%	22.28	26.82
Caofeidian	16.12	-0.56%	7.56	20.28
Tianjin	11.94	-3.04%	6.64	12.36
Rizhao	16.94	-3.53%	11.52	21.35
<b>Total (35 Ports)</b>	<b>141.17</b>	<b>-1.26%</b>	<b>105.01</b>	<b>150.72</b>

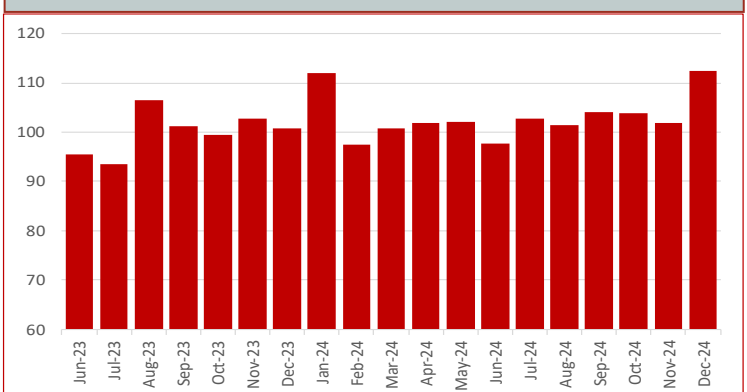
IRON ORE FUTURES CONTRACTS

Closing Date	DCE (RMB/WMT)			SGX (USD/DMT)		
	Mar 14th, 3pm close			Mar 14th, 5:30pm		
Contract	I2505	Change	Change %	Apr. 25	Change	Change %
Closing Price	794.00	14.00	1.79%	104.00	2.00	1.96%
Vol traded ('000 lots)	37.93	3.18	9.16%	10.60	3.58	50.96%
Open positions ('000 lots)	48.80	-0.07	-0.14%	31.28	-1.01	-3.12%
Day Low	778.5	8.00	1.04%	101.75	1.40	1.40%
Day High	796.0	13.00	1.66%	104.15	2.00	1.96%

DRY BULK FREIGHT RATES (USD/MT)



TOTAL CHINA IRON ORE IMPORT VOLUMES (MILLION TONNES)



STEEL SPOT MARKET PRICES—CHINA

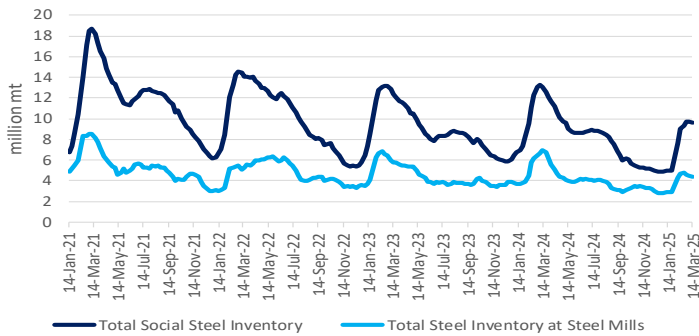
Steel Spot Market RMB/tonne			
Product	2025/03/14	Change	Change %
ReBar HRB400 φ18mm	3,300	-12	-0.35%
Wirerod Q300 φ6.5mm	3,460	-16	-0.45%
HRC Q235/SS400 5.5mm*1500*C	3,414	57	1.70%
CRC SPCC/ST12 1.0mm*1250*2500	4,073	-10	-0.24%
Medium & Heavy Plate Q235B 20mm	3,527	10	0.28%
GI ST02Z 1.0mm*1000*C	4,360	5	0.11%
Colour Coated Plate	6,800	-50	-0.73%

CHINESE STEEL MILL PROFITABILITY

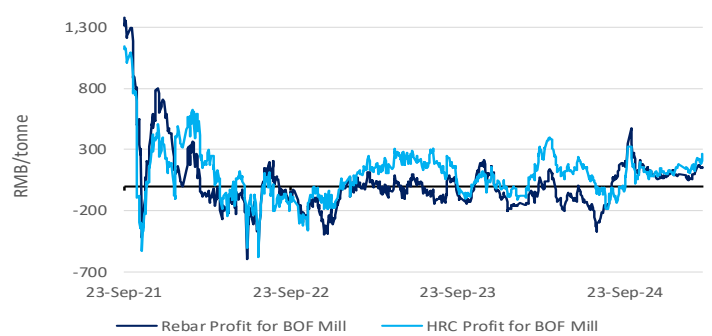
SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)			
Category	Price	Change (WoW)	Note
MMi (Fe 62%), USD/mt excluding tax	102.71	0.49	Mmi CFR Equivalent index for 1st Feb
Coke	1,515	-55	2nd grade met coke, Tangshan, incl. tax
Steel Scrap	2,400	0	steel scrap (6mm) in Zhangjiagang, ext. tax
Billet Cost	2,529	-20	Q234, incl. tax
Rebar cost - Blast furnace	3,084	-23	calculated based on theoretical weight, incl. tax
Rebar profit - Blast furnace	156	3	based on Shanghai prices, incl. tax
Hot-rolled coil cost - Blast furnace	3,154	-20	based on actual weight, incl. tax
Hot-rolled coil profit - Blast furnace	266	70	based on Shanghai prices, incl. tax

Note: 1. Costs in the table are calculated based on today's 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

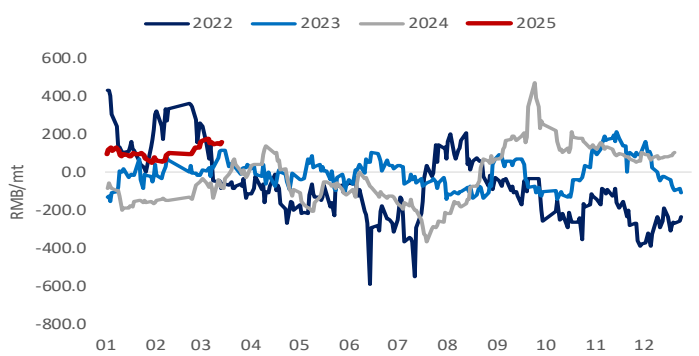
CHINESE STEEL INVENTORIES



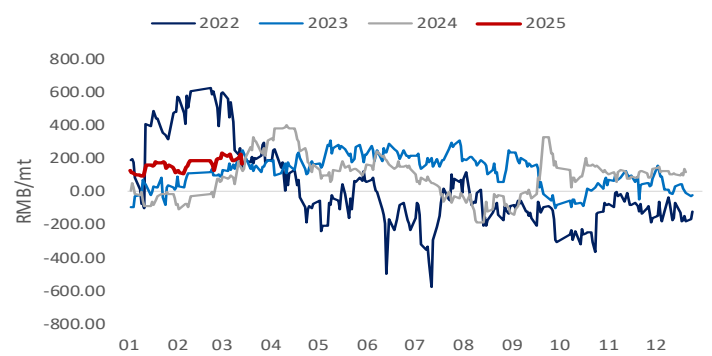
CHINESE STEEL MILL PROFITABILITY



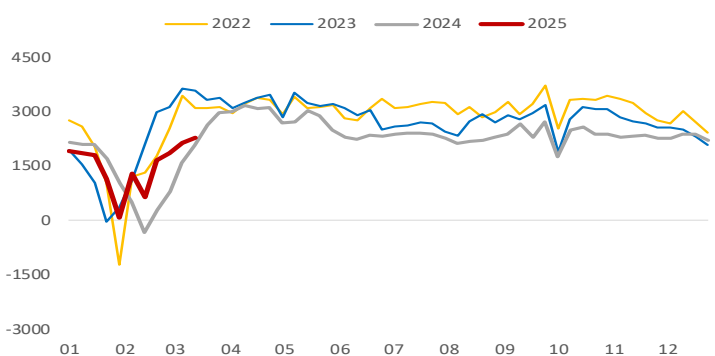
CHINESE STEEL MILL PROFITABILITY—Rebar



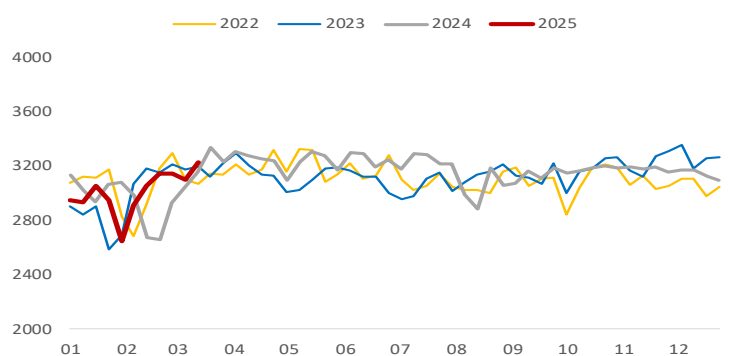
CHINESE STEEL MILL PROFITABILITY—Hot-rolled Coil



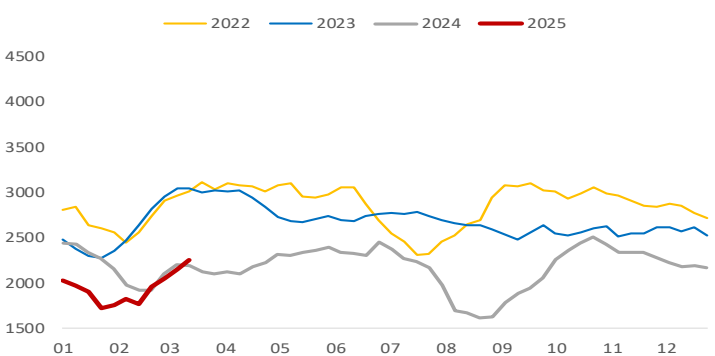
CHINESE STEEL CONSUMPTION—Rebar



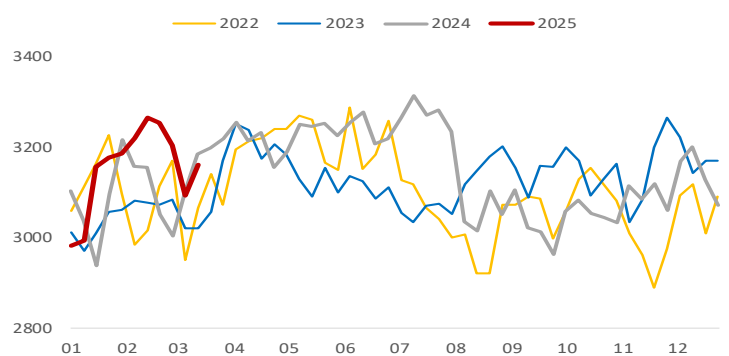
CHINESE STEEL CONSUMPTION—Hot-rolled Coil



CHINESE STEEL PRODUCTION—Rebar



CHINESE STEEL PRODUCTION—Hot-rolled Coil



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

Iron Ore Index Specifications (Port and Seaborne)					Iron Ore Index Compilation Rationale and Data Exclusions
	<b>65% Fe Fines</b>	<b>62% Fe Fines</b>	<b>58% Fe Fines</b>	<b>62.5% Fe Lump</b>	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 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: <a href="http://www.mmiprices.com">www.mmiprices.com</a>
Fe %	65.00	62.00	58.00	62.50	
Alumina %	1.40	2.25	2.25	1.50	
Silica%	1.50	4.00	5.50	3.50	
Phosphorus %	0.06	0.09	0.05	0.08	
Sulphur %	0.01	0.02	0.02	0.02	
Moisture %	8.00	8.00	9.00	4.00	
Sizing	Granular size below 10mm for at least 90% of cargo; maximum of 40% below 150 micron		Size below 6.3mm max 15% Size above 31.15mm max 25%		
Pricing Point	Qingdao Port (FOT and CFR respectively)		FOT Qingdao Port		
Timing (Seaborne)	Loading within 4 weeks, Delivery within 8 weeks		Delivery within 2 weeks		
Payment Terms	L/C at sight		L/C at sight or CAD		

Data Exclusions*			
Port Index	62%	58%	65%
Seaborne index	0	0	0
Lump Index 62.5	0		

\* 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.

## AVERAGE IRON ORE SPECIFICATIONS APPLIED FOR BRAND PRICE ASSESSMENTS

PORT STOCK BRANDS						SEABORNE BRANDS					
Mar 14th, 2025	Specifications applied for 62% brand assessments						Specifications applied for 62% brand assessments				
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture
Roy Hill	60.88%	2.35%	4.45%	0.055%	9.26%	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	61.64%	2.31%	3.87%	0.099%	9.45%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	9.50%
Newman Fines	62.49%	2.31%	3.98%	0.090%	7.72%	Newman Fines	62.30%	2.40%	4.40%	0.090%	8.00%
MAC Fines	60.43%	2.38%	4.64%	0.078%	7.57%	MAC Fines	60.80%	2.35%	4.70%	0.080%	7.80%
Jimblebar Blended Fines	60.87%	2.95%	4.53%	0.111%	7.32%	Jimblebar Blended Fines	60.50%	3.00%	4.50%	0.120%	8.00%
Carajas Fines	64.90%	1.39%	1.82%	0.080%	7.78%	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	62.56%	1.58%	4.79%	0.091%	8.72%	Brazilian Blend Fines	63.00%	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%
Mar 14th, 2025	Specifications applied for 58% brand assessments										
	Fe	Alumina	Silica	Phos	Moisture						
SSF	56.49%	3.20%	6.19%	0.065%	9.18%						
FMG Blended Fines	58.20%	2.43%	5.54%	0.057%	8.29%						
Robe River	56.44%	3.16%	5.73%	0.042%	8.44%						
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	56.87%	1.58%	6.41%	0.042%	9.53%						

## BLOOMBERG TICKERS

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

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