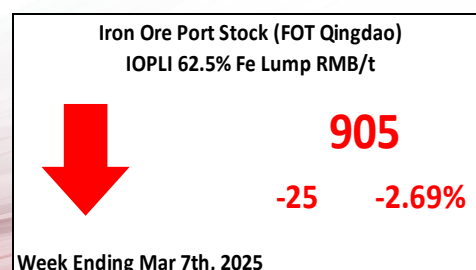
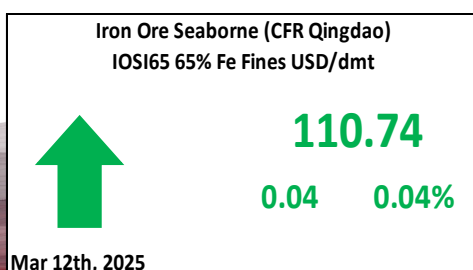
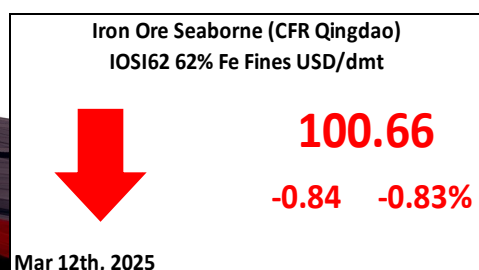
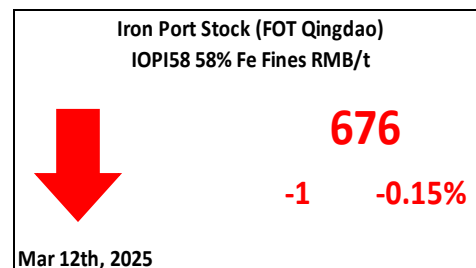
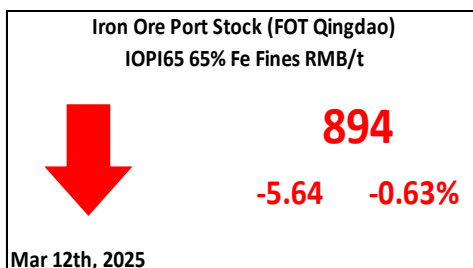
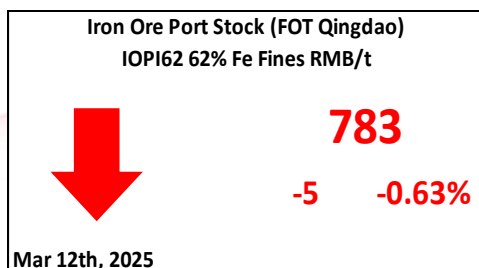


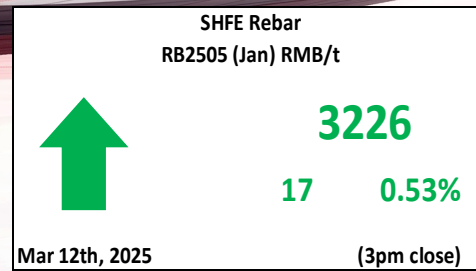
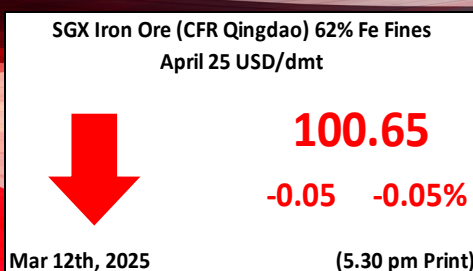
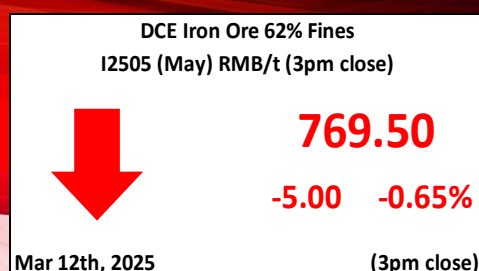


MMi Dashboard

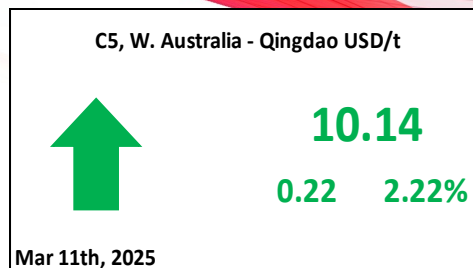
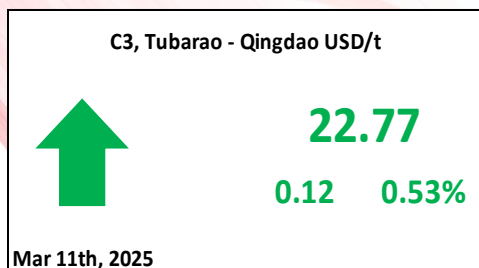
Iron Ore Price Indices



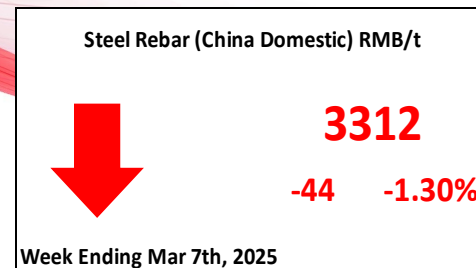
Exchange Traded Contracts



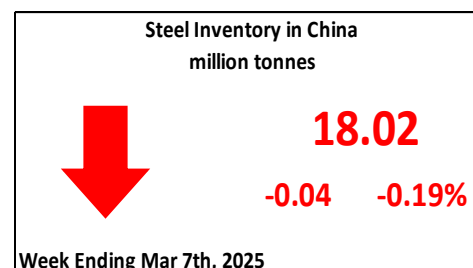
Freight Rates



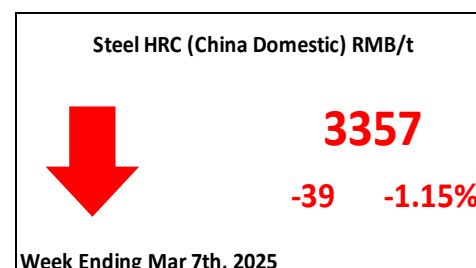
Steel Price



Inventory Levels



Steel Price



IRON ORE PORT STOCK INDEX (IOPI)

Mar 12th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne ¹						
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low ²	High ²	Price	Change	Change %	MTD	YTD	Low ²	High ²
IOPI62	62% Fe Fines	783	-5	-0.6%	791	859	683	1063	101.29	-0.61	-0.6%	102.37	112.17	89.33	140.24
IOPI58	58% Fe Fines	676	-1	-0.1%	696	753	610	963	87.89	-0.08	-0.1%	90.55	98.93	80.25	128.13
IOPI65	65% Fe Fines	894	-6	-0.6%	903	971	794	1175	116.23	-0.68	-0.6%	117.38	127.22	104.47	155.37

IRON ORE SEABORNE INDEX (IOSI)

MARKET COMMENTARY

Mar 12th, 2025		CFR Qingdao, USD/dry tonne						
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low ²	High ²
IOSI62	62% Fe Fines	100.66	-0.84	-0.83%	103.27	113.15	89.79	142.65
IOSI65	65% Fe Fines	110.74	0.04	0.04%	115.63	129.65	98.28	171.65

Today, DCE iron ore futures upward in the morning but plunged significantly in the afternoon. The most-traded I2505 contract finally closed at 769.5 yuan/mt, down 0.32% for the day. Traders showed less enthusiasm for selling, while steel mills remained cautious with moderate purchase willingness, leading to a sluggish market atmosphere. In Shandong, the mainstream transaction prices of P8 fines were around 770-773 yuan/mt, down 2-3 yuan/mt from yesterday. In Tangshan, the transaction prices of P8 fines were around 775-778 yuan/mt, also down 2-3 yuan/mt from yesterday. According to the SMM survey, as of March 12, the operating rate of blast furnaces at 242 surveyed steel mills was 86.61%, up 0.28 percentage points WoW. The capacity utilisation rate of blast furnaces was 87.76%, up 0.15 percentage points WoW. The daily average pig iron production of the sampled steel mills was 2.3719 million mt, up 7,900 mt WoW, with a larger increase expected next week. Ore prices were supported and fluctuated upward. However, in the afternoon, news of crude steel production cuts resurfaced, causing iron ore prices to weaken. In the short term, such news continues to weigh on ore prices, increasing resistance for iron ore prices to rise, which may

IRON ORE PORT LUMP INDEX (IOPLI)

Week Ending Mar 7th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne ³						
Index	Fe Content	Price	W-o-W	Change %	MTD	YTD	Low ²	High ²	Price	W-o-W	Change %	MTD	YTD	Low ²	High ²
IOPLI62	62.5% Fe Lump	905	-25	-2.7%	901	995	820	1210	112.72	-3.20	-2.76%	112.27	124.94	102.77	153.57

IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX

Week Ending Mar 7th, 2025				RMB/tonne (excluding tax) ³				USD/tonne (excluding tax) ³			
Province	Region	Product	Basis	This week	Change %	Low ²	High ²	This week	Change %	Low ²	High ²
Hebei	Hanxing	66% Fe Concentrate	Dry	978	-1.1%	861	1226	136.37	-1.10%	122.41	172.59
Hebei	Qian'an	65% Fe Concentrate	Dry	970	1.0%	960	1300	135.25	1.06%	133.53	183.23
Liaoning	Anshan	65% Fe Concentrate	Wet	774	0.5%	715	970	107.92	0.54%	100.77	136.72
Shandong	Zibo	65% Fe Concentrate	Dry	1013	-1.2%	905	1294	141.25	-1.15%	128.66	182.16

Week Ending Mar 7th, 2025

This week	Change %	Low ²	High ²
891.07	0.36%	854.16	905.40

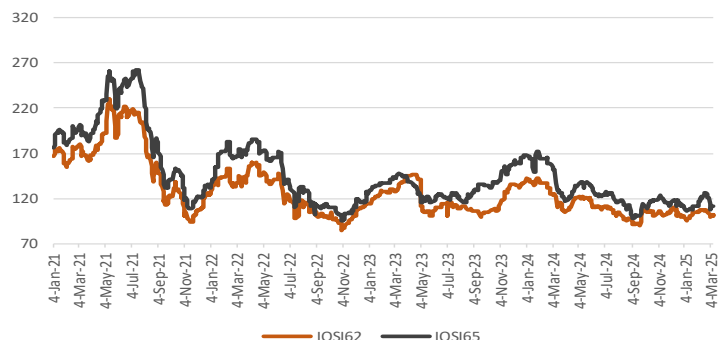
China Mines Concentrate Composite Index RMB/WT

¹ Exchange rate applied: RMB/USD = 7.191 ² Last 12 months
³ Weekly exchange rate applied: RMB/USD = 7.19258

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 12th, 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	100.73	112.17
IOPI58	58% Fe Fines	692	706	689	709	696	681	753	89.97	91.67	89.46	92.40	90.55	88.82	98.93
IOPI65	65% Fe Fines	891	903	899	933	903	889	971	115.71	117.03	116.56	121.35	117.38	115.77	127.22

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

FREIGHT RATES

Mar 12th, 2025		CFR Qingdao, USD/dry tonne							Mar 11th, 2025						
Index	Fe Content	November	December	January	February	MTD	QTD	YTD	Route	Designation	Change	Change %	Low ²	High ²	
IOSI62	62% Fe Fines	103.09	104.94	99.58	105.94	103.27	101.52	113.15	W. Australia - Qingdao	C5	10.14	0.22	2.22%	5.92	14.89
IOSI65	65% Fe Fines	117.71	115.66	108.22	121.06	115.63	113.41	129.65	Tubarao - Qingdao	C3	22.77	0.12	0.53%	16.08	35.02

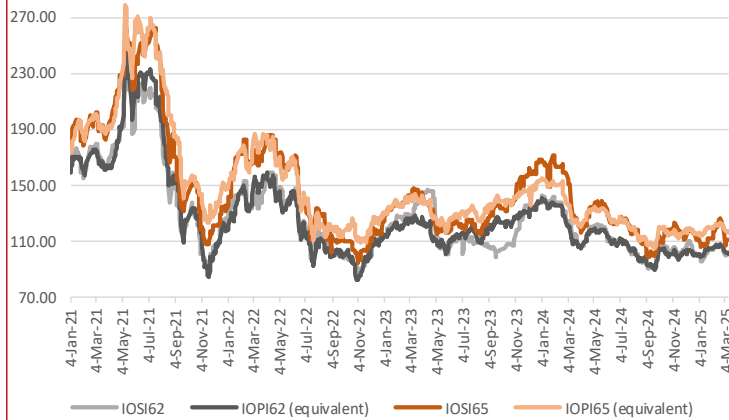
IRON ORE PORT LUMP INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES

Week Ending Mar 7th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne ¹						
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	901	889	995	109.09	110.14	113.00	117.88	112.27	111.02	124.94

IRON ORE INDEX PREMIUMS/DISCOUNTS

Mar 12th, 2025		PORT STOCK INDEX (RMB/WT)			Mar 12th, 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	-107	-13.67%	IOSI65	65% Fe Fines	10.08	10.01%		
IOPI65	65% Fe Fines	111	14.21%						

IRON ORE INDEX COMPARISONS (USD/DMT)



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



IRON ORE BRAND SPOT PRICE ASSESSMENTS

Mar 12th, 2025				Mar 12th, 2025			
PORT STOCK INDEX (RMB/WT)				SEABORNE INDEX (USD/DMT)			
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62
Roy Hill	726	-5	-57	Roy Hill	96.16	-0.84	-4.50
SIMEC Fines	654	-4	-129	SIMEC Fines	92.66	-0.84	-8.00
PB Fines	752	-5	-31	PB Fines	96.91	-0.84	-3.75
Newman Fines	751	-5	-32	Newman Fines	99.79	-0.87	-0.88
MAC Fines	733	-5	-50	MAC Fines	96.91	-0.84	-3.75
Jimblebar Blended Fines	647	-5	-136	Jimblebar Blended Fines	89.29	-0.87	-11.38
Carajas Fines	963	-5	180	Carajas Fines	130.21	-0.84	29.55
Brazilian SSF	745	-5	-38	Brazilian SSF	104.41	-0.84	3.75
Brazilian Blend Fines	765	-5	-18	Brazilian Blend Fines	106.04	-0.81	5.38
RTX Fines	666	-5	-117	RTX Fines	90.54	-0.81	-10.13
West Pilbara Fines	695	-5	-88	West Pilbara Fines	94.91	-0.84	-5.75

Mar 12th, 2025			
PORT STOCK INDEX (RMB/WT)			
	Price	Change	Diff to IOPI58
SSF	676	-1	0
FMG Blended Fines	684	-1	8
Robe River	685	-1	9
Western Fines	688	-1	12
Atlas Fines	682	-1	6
Yandi	670	-1	-6

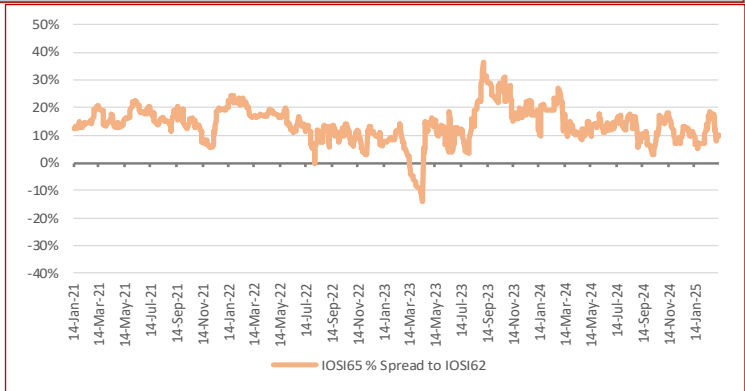
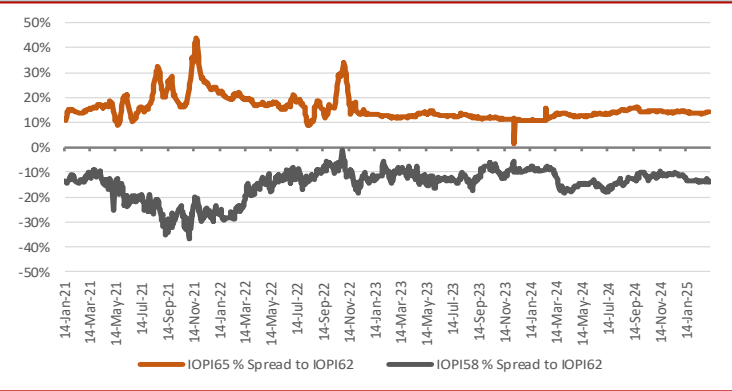
IRON ORE INDEX NORMALISATION DIFFERENTIALS

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%	1.50	0.00
	High Grade Fe 63 - 64%	18.00	0.00		High Grade Fe 63 - 64%	3.25	0.50
	High Grade Fe 64 - 65%	18.00	0.00		High Grade Fe 64 - 65%	3.25	0.50
	High Grade Fe 65 - 65.5%	18.00	0.00		High Grade Fe 65 - 65.5%	3.25	0.50
1% Alumina	Low Grade Fe	20.00	0.00	1% Alumina	High Fe Grade Al <2.25%	2.50	0.50
	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%	20.00	0.00				
	Low Fe Grade Al <2.25%	30.00	0.00				
1% Silica	Low Fe Grade Al 2.25-4%	18.00	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
0.01% Phosphorus	High Fe Grade Si 4-6.5%	12.00	7.00	0.01% Phosphorus	High Fe Grade 0.09%<P<0.115%	0.25	0.00
	Low Fe Grade	25.00	-5.00		High Fe Grade 0.115%<P<0.15%	1.00	0.00
	High Fe Grade 0.09%<P<0.115%	5.00	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				

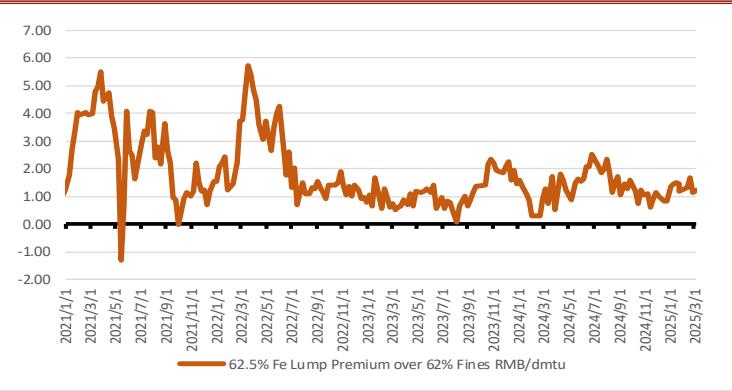
Port Stock Price Differentials to Qingdao Port for PB Fines (RMB/wet tonne)

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	5.00	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	Taicang	-20.00	0.00
Dalian	0.00	0.00	Lanqiao	0.00	0.00	Qingdao	0.00	0.00	Tianjin	-10.00	0.00

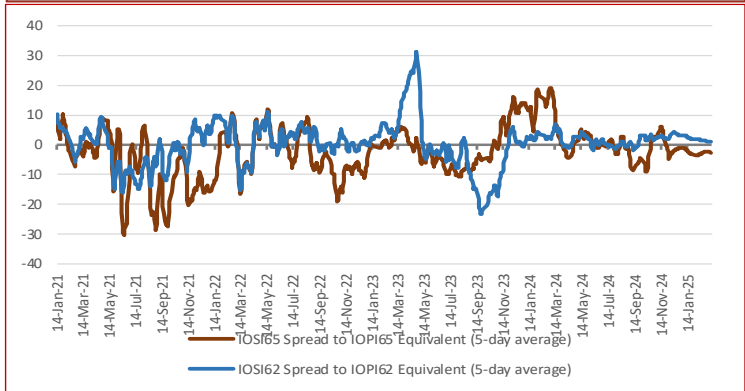
IRON ORE INDEX PREMIUMS/DISCOUNTS



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



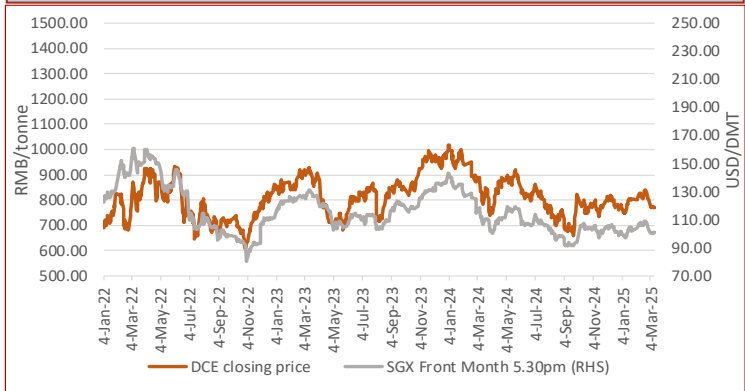
IRON ORE SEABORNE TO PORT STOCK PRICE SPREADS (USD/DMT)



TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES)



FUTURE TRADING—FRONT MONTH CLOSING PRICE



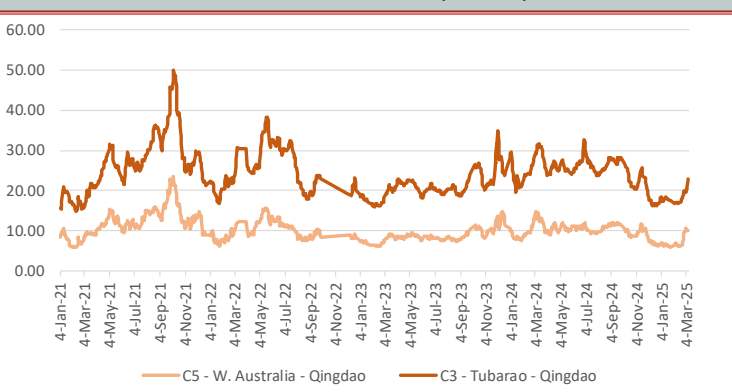
IRON ORE PORT INVENTORIES (MILLION TONNES)

Week Ending Mar 7th, 2025				
Province	This week	Change %	Low ²	High ²
Jingtang	14.82	-3.70%	8.29	17.20
Qingdao	26.45	0.46%	22.28	26.82
Caofeidian	16.21	-6.19%	7.56	20.28
Tianjin	12.31	-0.37%	6.64	12.36
Rizhao	17.56	-5.18%	11.52	21.35
Total (35 Ports)	142.97	-3.50%	105.01	150.72

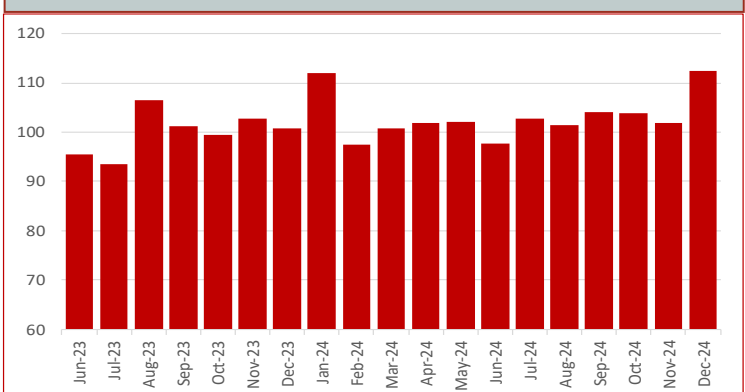
IRON ORE FUTURES CONTRACTS

Closing Date	DCE (RMB/WMT)			SGX (USD/DMT)		
	Mar 12th, 3pm close	Change	Change %	Mar 12th, 5:30pm	Change	Change %
Contract	12505			Apr. 25		
Closing Price	769.50	-5.00	-0.65%	100.65	-0.05	-0.05%
Vol traded ('000 lots)	46.29	11.86	34.43%	11.57	1.52	15.10%
Open positions ('000 lots)	50.23	-0.09	-0.18%	32.41	-0.56	-1.69%
Day Low	762.5	-1.50	-0.20%	99.30	0.45	0.46%
Day High	785.0	6.00	0.77%	102.05	0.85	0.84%

DRY BULK FREIGHT RATES (USD/MT)



TOTAL CHINA IRON ORE IMPORT VOLUMES (MILLION TONNES)



STEEL SPOT MARKET PRICES—CHINA

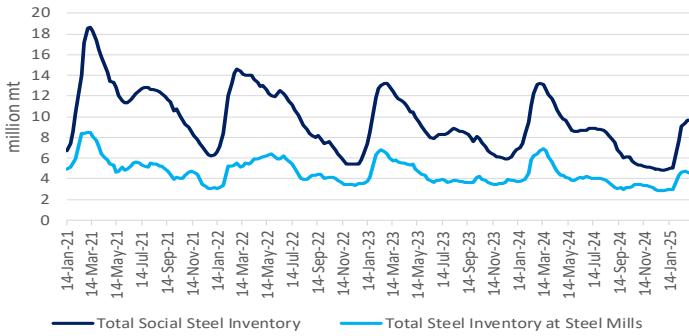
Steel Spot Market RMB/tonne			
Product	2025/03/07	Change	Change %
ReBar HRB400 φ18mm	3,312	-44	-1.30%
Wirerod Q300 φ6.5mm	3,476	-44	-1.24%
HRC Q235/SS400 5.5mm*1500*C	3,357	-39	-1.15%
CRC SPCC/ST12 1.0mm*1250*2500	4,083	-14	-0.33%
Medium & Heavy Plate Q235B 20mm	3,517	-13	-0.38%
GI ST02Z 1.0mm*1000*C	4,355	-5	-0.11%
Colour Coated Plate	6,850	0	0.00%

CHINESE STEEL MILL PROFITABILITY

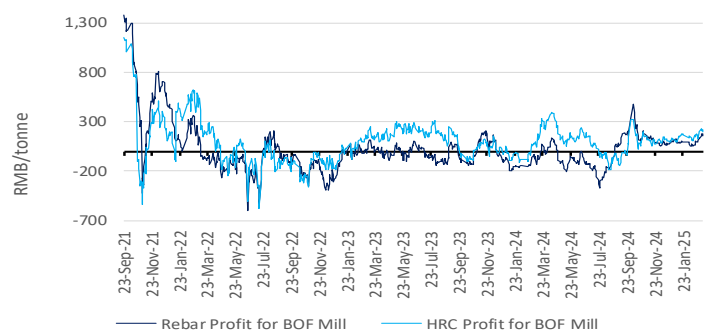
SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)			
Category	Price	Change (WoW)	Note
MMi (Fe 62%), USD/mt excluding tax	102.22	-0.64	Mmi CFR Equivalent index for 1st Feb
Coke	1,570	0	2nd grade met coke, Tangshan, incl. tax
Steel Scrap	2,400	0	steel scrap (6mm) in Zhangjiagang, ext. tax
Billet Cost	2,549	-30	Q234, incl. tax
Rebar cost - Blast furnace	3,106	-34	calculated based on theoretical weight, incl. tax
Rebar profit - Blast furnace	154	24	based on Shanghai prices, incl. tax
Hot-rolled coil cost - Blast furnace	3,174	-37	based on actual weight, incl. tax
Hot-rolled coil profit - Blast furnace	196	-3	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

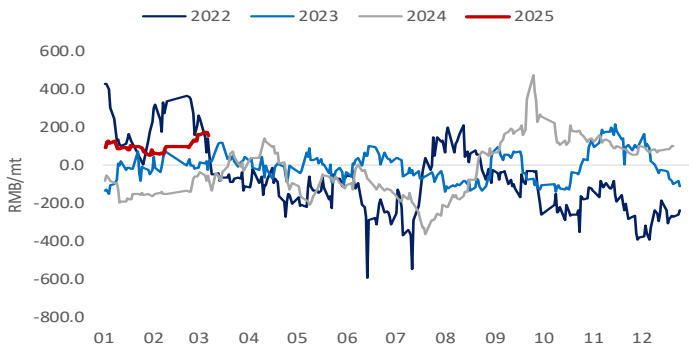
CHINESE STEEL INVENTORIES



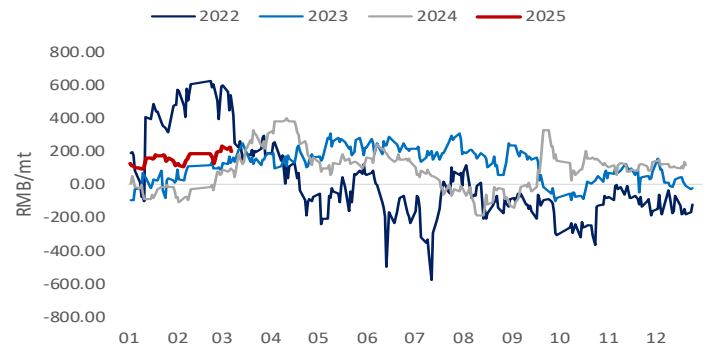
CHINESE STEEL MILL PROFITABILITY



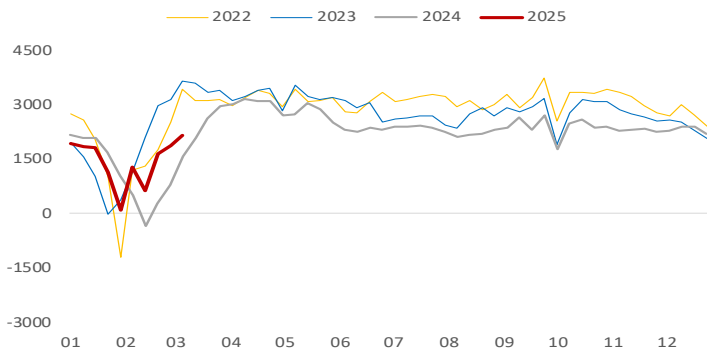
CHINESE STEEL MILL PROFITABILITY—Rebar



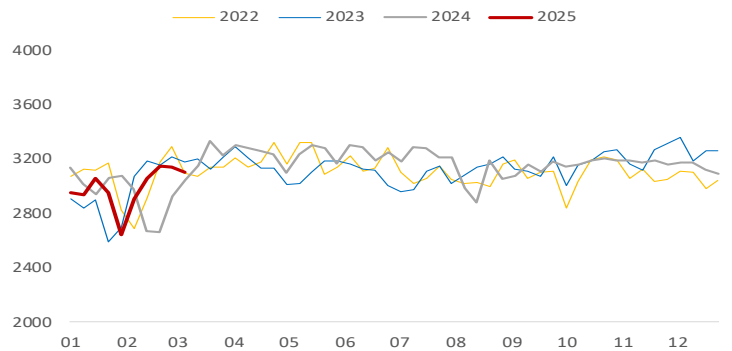
CHINESE STEEL MILL PROFITABILITY—Hot-rolled Coil



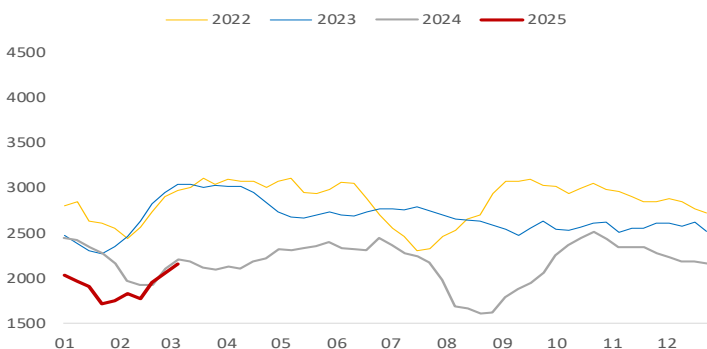
CHINESE STEEL CONSUMPTION—Rebar



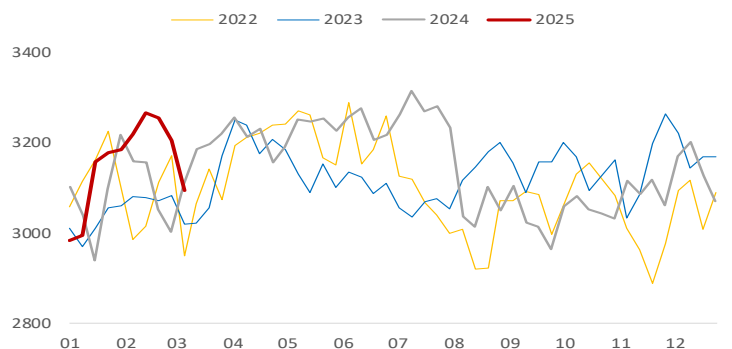
CHINESE STEEL CONSUMPTION—Hot-rolled Coil



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
	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 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
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 12th, 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 12th, 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	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: prices@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

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