Metals Market Index MMi

MMi Dashboard

Iron Ore Price Indices

Iron Ore Port Stock (FOT Qingdao) IOPI62 62% Fe Fines RMB/t	791	-4	-0.50%	Aug 19th, 2025
Iron Ore Port Stock (FOT Qingdao) IOPI65 65% Fe Fines RMB/t	902	-4.00	-0.44%	Aug 19th, 2025
Iron Port Stock (FOT Qingdao) IOPI58 58% Fe Fines RMB/t	681	-1	-0.15%	Aug 19th, 2025
Iron Ore Seaborne (CFR Qingdao) IOSI62 62% Fe Fines USD/dmt	105.50	-0.10	-0.09%	Aug 19th, 2025
Iron Ore Seaborne (CFR Qingdao) IOSI65 65% Fe Fines USD/dmt	119.95	0.65	0.54%	Aug 19th, 2025
Iron Ore Port Stock (FOT Qingdao) IOPLI 62.5% Fe Lump RMB/t	920	2	0.22%	Week Ending Aug 15th, 2025

Exchange Traded Contracts

DCE Iron Ore 62% Fines I2509 (September) RMB/t (3pm close)	771.00	-1.00	-0.13%	Aug 19th, 2025 (3pm close)
SGX Iron Ore (CFR Qingdao) 62% Fe Fines September 25 USD/dmt	101.10	-0.30	-0.30%	Aug 19th, 2025 (5.30 pm Print)
SHFE Rebar RB2510 (Jan) RMB/t	3126	-29	-0.92%	Aug 19th, 2025 (3pm close)

Freight Rates

C3, Tubarao - Qingdao USD/t	24.53	-0.33	-1.3%	Aug 18th, 2025
C5, W. Australia - Qingdao USD/t	9.78	-0.26	-2.6%	Aug 18th, 2025

Steel Price

Steel Rebar (China Domestic) RMB/t	3250	-20	-0.61%	Week Ending Aug 15th, 2025

Inventory Levels

Iron Ore Inventory at Chinese Ports (35) million tonnes	130.67	1.40	1.08%	Week Ending Aug 15th, 2025
Steel Inventory in China million tonnes	18.02	-0.04	-0.19%	Week Ending Aug 15th, 2025

Steel Price

Steel HRC (China Domestic) RMB/t	3466	12	0.34%	Week Ending Aug 15th, 2025

IRON ORE PORT STOCK INDEX (IOPI)

Aug 19th, 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	**791**	-4	-0.5%	780	837	683	1063	**102.85**	-0.59	-0.6%	100.87	109.01	89.33	140.24
IOPI58	58% Fe Fines	**681**	-1	-0.1%	680	731	610	963	**88.99**	-0.18	-0.2%	88.39	95.81	80.25	128.13
IOPI65	65% Fe Fines	**902**	-4	-0.4%	892	949	794	1175	**117.81**	-0.60	-0.5%	115.86	124.04	104.47	155.37

IRON ORE SEABORNE INDEX (IOSI)

Aug 19th, 2025		CFR Qingdao, USD/dry tonne						
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low [2]	High [2]
IOSI62	62% Fe Fines	**105.50**	-0.10	-0.09%	101.97	110.09	89.79	142.65
IOSI65	65% Fe Fines	**119.95**	0.65	0.54%	111.67	124.30	98.23	171.65

MARKET COMMENTARY

Today, the most-traded iron ore futures contract fluctuated rangebound, with the I2601 contract closing at 771, down 0.64% from yesterday. Traders sold according to market conditions, and some traders showed a strong willingness to sell; due to month-end production restrictions, steel mills in north China had weak purchase willingness. The market transaction atmosphere was average. In Shandong, mainstream transaction prices for PB fines were around 768-771 yuan/mt, basically stable compared to yesterday's prices; in Tangshan, transaction prices for PB fines were around 780-785 yuan/mt, also basically stable compared to yesterday.

According to an SMM survey, environmental protection-driven production restrictions during the September 3 parade in Hebei have been largely confirmed. In addition to sintering machine production restrictions, blast furnaces in Tangshan and Handan will also be shut down, and some steel mills have already scheduled blast furnace maintenance, which is expected to significantly reduce hot metal production. Furthermore, transportation vehicles in the Beijing-Tianjin-Hebei region will face strict controls, leading to a noticeable suppression of short-term iron ore demand, and prices may continue to be in the doldrums.

IRON ORE PORT LUMP INDEX (IOPLI)

Week Ending Aug 15th, 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-oW	Change %	MTD	YTD	Low [2]	High [2]
IOPLI62	62.5% Fe Lump	**920**	2	0.2%	899	972	820	1210	**115.20**	0.26	0.23%	112.01	121.86	102.77	153.57

IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX

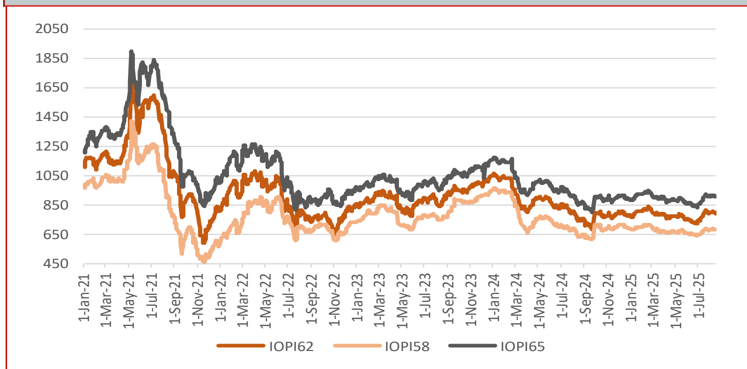
Week Ending Aug 15th, 2025				RMB/tonne (excluding tax) [3]				USD/tonne (excluding tax) [3]			
Province	Region	Product	Basis	This week	Change %	Low [2]	High [2]	This week	Change %	Low [2]	High [2]
Hebei	Hanxing	66% Fe Concentrate	Dry	**912**	0.7%	859	1226	**127.77**	0.67%	119.88	172.59
Hebei	Qian'an	65% Fe Concentrate	Dry	**990**	4.2%	880	1300	**138.70**	4.22%	122.81	183.23
Liaoning	Anshan	65% Fe Concentrate	Wet	**730**	1.4%	690	970	**102.27**	1.39%	96.49	136.72
Shandong	Zibo	65% Fe Concentrate	Dry	**938**	0.8%	878	1294	**131.42**	0.76%	122.53	182.16

Week Ending Aug 15th, 2025	This week	Change %	Low [2]	High [2]
China Mines Concentrate Composite Index RMB/WT	865.14	2.23%	802.20	905.40

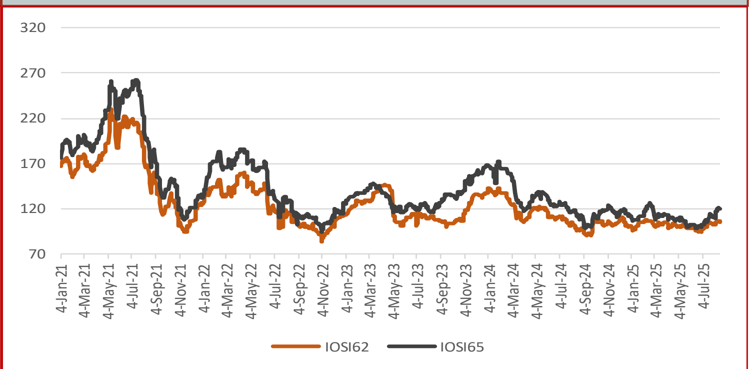
[1] Exchange rate applied: RMB/USD = 7.191 [2]Last 12 months

[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

Aug 19th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne						
Index	Fe Content	April	May	June	July	MTD	QTD	YTD	April	May	June	July	MTD	QTD	YTD
IOPI62	62% Fe Fines	771	770	738	772	**780**	774	837	99.27	99.19	95.15	100.15	**100.87**	100.19	109.01
IOPI58	58% Fe Fines	664	668	650	664	**680**	674	731	85.93	86.44	84.27	86.58	**88.39**	87.77	95.81
IOPI65	65% Fe Fines	883	882	850	884	**892**	886	949	114.18	114.14	110.12	115.17	**115.86**	115.21	124.04

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

Aug 19th, 2025		CFR Qingdao, USD/dry tonne						
Index	Fe Content	April	May	June	July	MTD	QTD	YTD
IOSI62	62% Fe Fines	101.62	100.10	96.53	100.49	**101.97**	101.19	110.09
IOSI65	65% Fe Fines	109.70	105.43	100.81	106.81	**111.67**	111.08	124.30

FREIGHT RATES

Aug 18th, 2025		FREIGHT RATES - DRY BULK US$/wet tonne				
Route	Designation		Change	Change %	Low [2]	High [2]
W. Australia - Qingdao	C5	**9.78**	-0.26	-2.6%	5.92	14.89
Tubarao - Qingdao	C3	**24.53**	-0.33	-1.3%	16.08	35.02

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

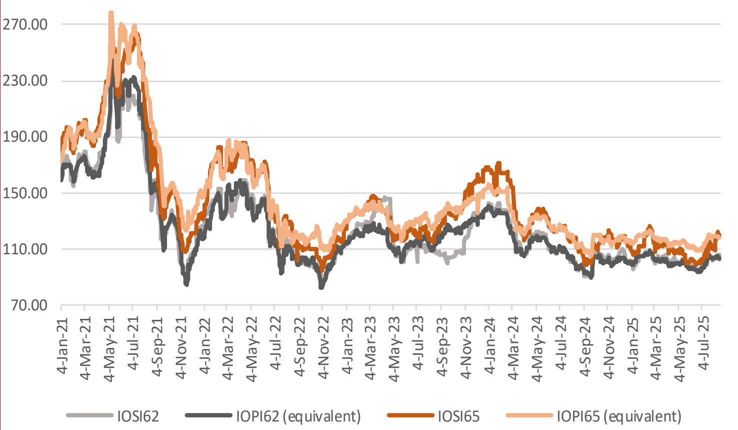
Week Ending Aug 15th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne [1]						
Index	Fe Content	April	May	June	July	MTD	QTD	YTD	April	May	June	July	MTD	QTD	YTD
IOPLI62	62.5% Fe Lump	901	898	865	907	**899**	893	972	111.81	111.39	107.50	113.27	**112.01**	111.35	121.86

IRON ORE INDEX PREMIUMS/DISCOUNTS

Aug 19th, 2025		PORT STOCK INDEX (RMB/WT)	
Index	Fe Content	Spread to IOPI62	% Spread to IOPI62
IOPI58	58% Fe Fines	**-110**	-13.91%
IOPI65	65% Fe Fines	**111**	14.03%

Aug 19th, 2025		SEABORNE INDEX (USD/DMT)	
Index	Fe Content	Spread to IOSI62	% Spread to IOSI62
IOSI65	65% Fe Fines	**14.45**	13.70%

IRON ORE INDEX COMPARISONS (USD/DMT)



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

IRON ORE BRAND SPOT PRICE ASSESMENTS

Aug 19th, 2025	PORT STOCK INDEX (RMB/WT)		
	Price	Change	Diff to IOPI62
Roy Hill	734	-4	-57
SIMEC Fines	662	-4	-129
PB Fines	760	-4	-31
Newman Fines	759	-4	-32
MAC Fines	741	-4	-50
Jimblebar Blended Fines	655	-4	-136
Carajas Fines	971	-4	180
Brazilian SSF	753	-4	-38
Brazilian Blend Fines	773	-4	-18
RTX Fines	674	-4	-117
West Pilbara Fines	703	-4	-88

Aug 19th, 2025	SEABORNE INDEX (USD/DMT)		
	Price	Change	Diff to IOSI62
Roy Hill	101.00	-0.10	-4.50
SIMEC Fines	97.50	-0.10	-8.00
PB Fines	101.75	-0.10	-3.75
Newman Fines	104.65	-0.10	-0.85
MAC Fines	101.75	-0.10	-3.75
Jimblebar Blended Fines	94.13	-0.13	-11.38
Carajas Fines	135.05	-0.10	29.55
Brazilian SSF	109.25	-0.10	3.75
Brazilian Blend Fines	110.85	-0.10	5.35
RTX Fines	95.35	-0.10	-10.15
West Pilbara Fines	99.75	-0.10	-5.75

Aug 19th, 2025	PORT STOCK INDEX (RMB/WT)		
	Price	Change	Diff to IOPI58
SSF	681	-1	0
FMG Blended Fines	689	-1	8
Robe River	690	-1	9
Western Fines	693	-1	12
Atlas Fines	687	-1	6
Yandi	675	-1	-6

IRON ORE INDEX NORMALISATION DIFFERENTIALS

Port Stock Index Product Differentials (RMB/wet tonne)

	Applicable range	Value	Change
1% Fe	High Grade Fe 60 - 63%	5.00	0.00
	High Grade Fe 63 - 64%	11.00	0.00
	High Grade Fe 64 - 65%	11.00	0.00
	High Grade Fe 65 - 65.5%	11.00	0.00
	Low Grade Fe	24.00	0.00
1% Alumina	High Fe Grade Al <2.25%	5.00	0.00
	High Fe Grade Al 2.25-4%	9.00	4.00
	Low Fe Grade Al <2.25%	60.00	5.00
	Low Fe Grade Al 2.25-4%	25.00	-2.00
1% Silica	High Fe Grade Si <4%	5.00	0.00
	High Fe Grade Si 4-6.5%	35.00	0.00
	Low Fe Grade	20.00	0.00
0.01% Phosphorus	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

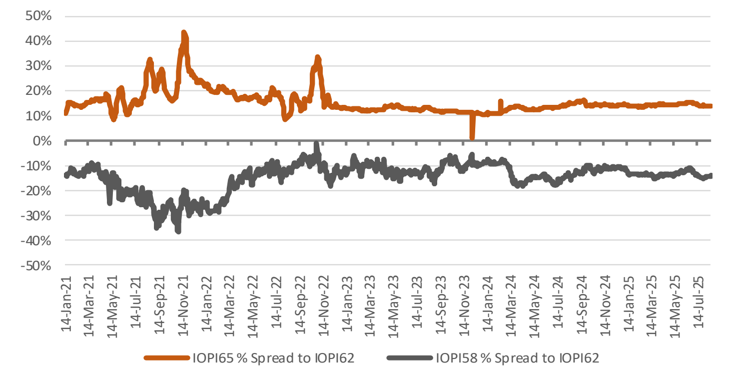
Seaborne Index Product Differentials (USD/dry tonne)

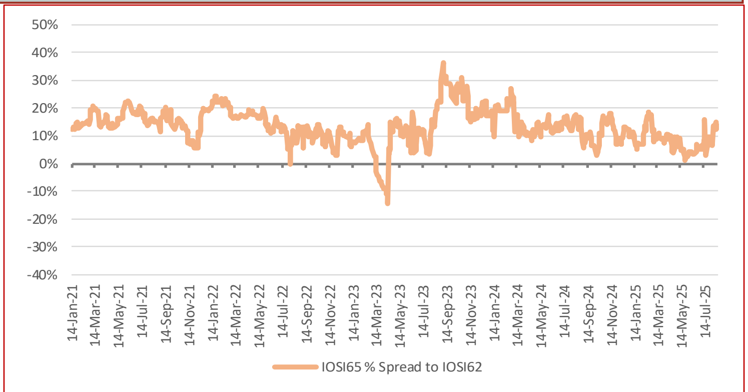
	Applicable range	Value	Change
1% Fe	High Grade Fe 60 - 63%	3.00	-0.25
	High Grade Fe 63 - 64%	2.00	0.00
	High Grade Fe 64 - 65%	2.00	0.00
	High Grade Fe 65 - 65.5%	2.00	0.00
1% Alumina	High Fe Grade Al <2.25%	3.00	0.00
	High Fe Grade Al 2.25-4%	2.75	0.25
1% Silica	High Fe Grade Si <4%	2.75	0.00
	High Fe Grade Si 4 - 6.5%	3.50	0.25
0.01% Phosphorus	High Fe Grade 0.09%<P<0.115%	1.00	0.00
	High Fe Grade 0.115%<P<0.15%	0.75	0.00

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

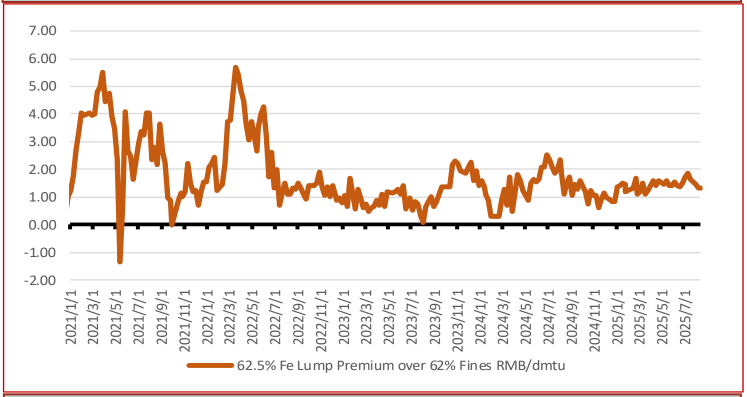
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
Bayuquan	-50.00	0.00	Fangcheng	-25.00	0.00	Lanshan	0.00	0.00	Rizhao	0.00	0.00
Beilun	0.00	0.00	Jiangyin	-20.00	0.00	Lianyungang	-5.00	0.00	Shekou	0.00	0.00
Caofeidian	-10.00	0.00	Jingtang	-15.00	0.00	Majishan	0.00	0.00	Taicang	-20.00	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

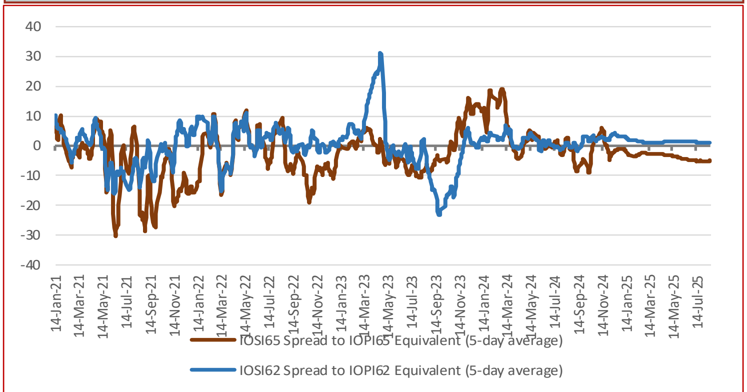




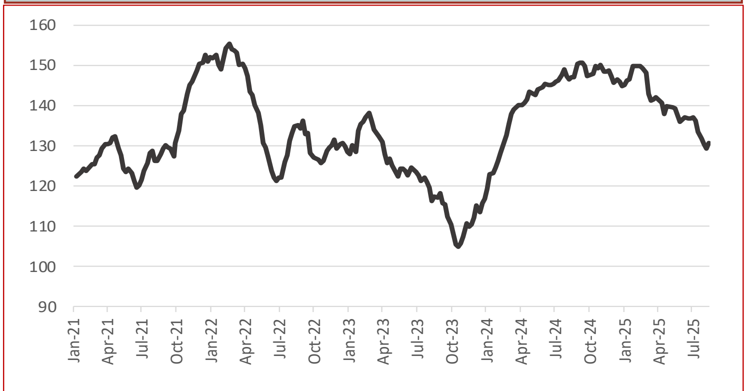
WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (RMB/DMTU)



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)

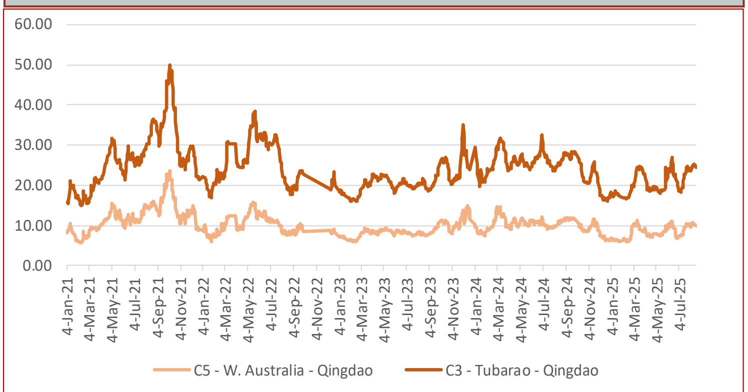
Week Ending Aug 15th, 2025

Province	This week	Change %	Low [2]	High [2]
Jingtang	13.61	-3.68%	8.29	17.20
Qingdao	27.78	-0.36%	22.28	28.75
Caofeidian	14.27	3.26%	7.56	20.28
Tianjin	9.28	-4.13%	6.64	12.36
Rizhao	14.03	-0.71%	11.52	21.35
Total (35 Ports)	130.67	1.08%	105.01	150.72

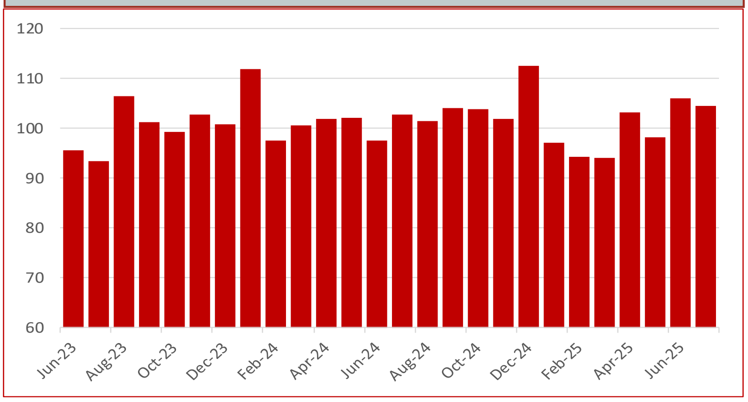
IRON ORE FUTURES CONTRACTS

	DCE (RMB/WMT)			SGX (USD/DMT)		
Closing Date	Aug 19th, 3pm close			Aug 19th, 5:30pm		
Contract	I2601	Change	Change %	Sep. 25	Change	Change %
Closing Price	771.00	-1.00	-0.13%	101.10	-0.30	-0.30%
Vol traded ('000 lots)	15.49	-12.66	-44.96%	8.27	-2.23	-21.25%
Open positions ('000 lots)	44.96	0.07	0.15%	46.64	-2.51	-5.11%
Day Low	768.0	1.50	0.20%	100.85	-0.15	-0.15%
Day High	774.0	-10.00	-1.28%	101.75	-1.25	-1.21%

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	2025/08/15	Change	Change %
ReBar HRB400 ϕ18mm	3,250	-20	-0.61%
Wirerod Q300 ϕ6.5mm	3,410	-20	-0.59%
HRC Q235/SS400 5.5mm*1500*C	3,466	12	0.34%
CRC SPCC/ST12 1.0mm*1250*2500	3,897	20	0.52%
Medium & Heavy Plate Q235B 20mm	3,527	0	0.00%
GI ST02Z 1.0mm*1000*C	4,375	-20	-0.46%
Colour Coated Plate	6,700	50	0.75%

CHINESE STEEL MILL PROFITABILITY

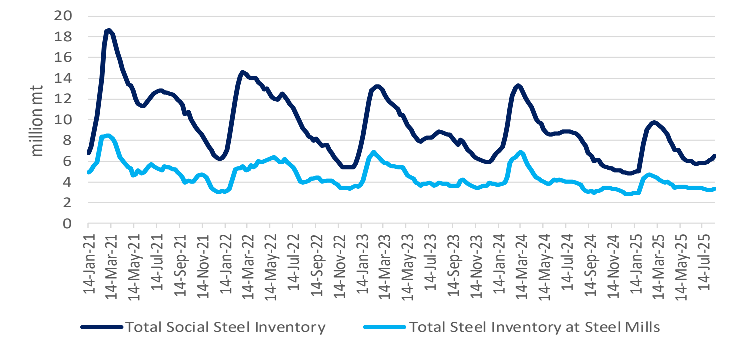
SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)

Category	Price	Change (WoW)	Note
MMi (Fe 62%), USD/mt exluding tax	103.51	0.02	Mmi CFR Equivalent index for 1st Feb
Coke	1,605	0	2nd grade met coke, Tangshan, incl. tax
Steel Scrap	2,490	0	steel scrap (6mm) in Zhangjiagang, exl. tax
Billet Cost	2,552	-1	Q234, incl. tax
Rebar cost - Blast furnace	3,110	-1	calculated based on theoretical weight, incl. tax
Rebar profit - Blast furnace	140	-19	based on Shanghai prices, incl. tax
Hot-rolled coil cost - Blast furnace	3,187	0	based on actual weight, incl. tax
Hot-rolled coil proft - Blast furnace	283	10	based on Shanghai prices, incl. tax

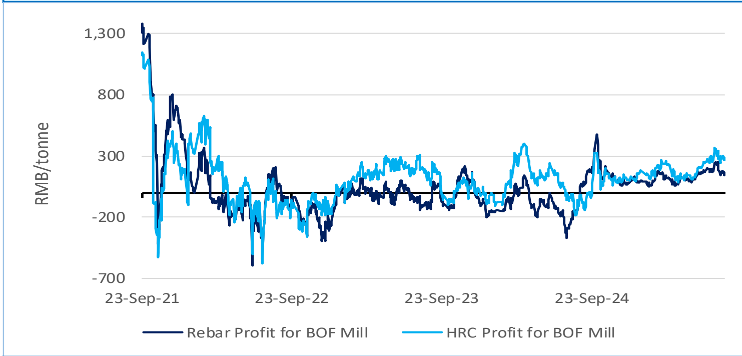
Note: 1. Costs in the table are calculated based on todays market prices and facout our management, sales, financial and depreciations fees.

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

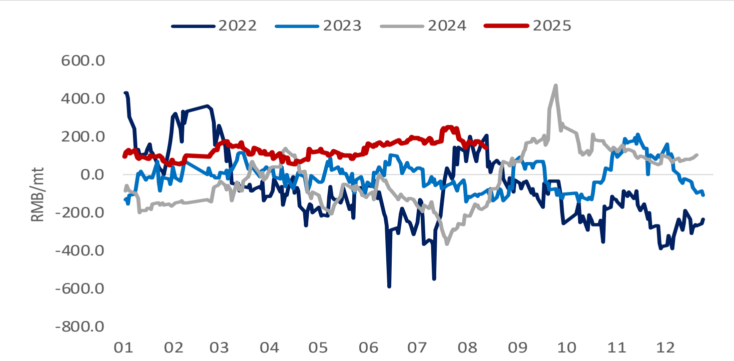
CHINESE STEEL INVENTORIES



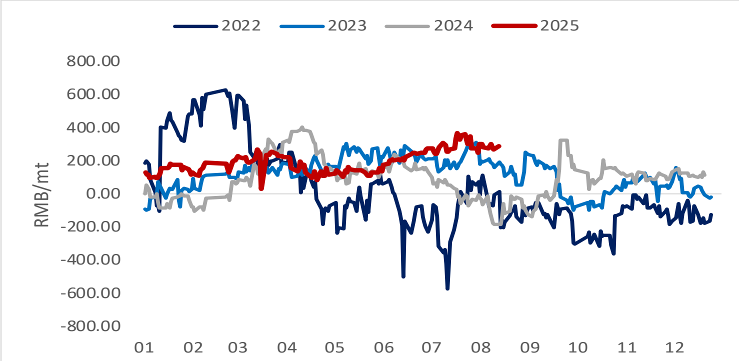
CHINESE STEEL MILL PROFITABILITY



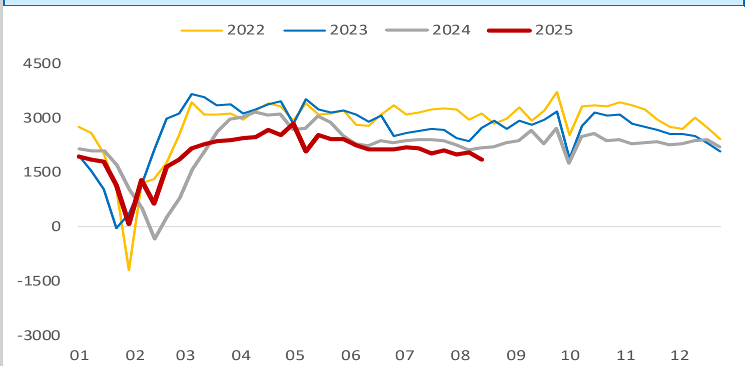
CHINESE STEEL MILL PROFITABILITY—Rebar



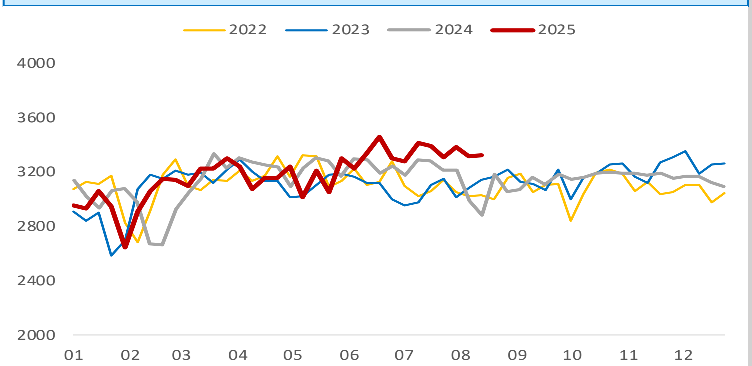
CHINESE STEEL MILL PROFITABILITY—Hot-rolled Coil



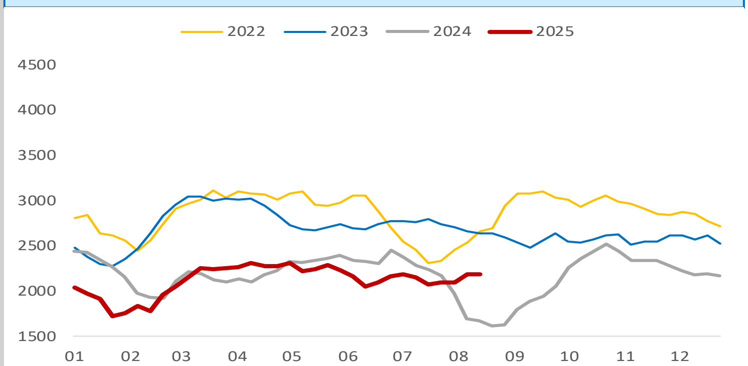
CHINESE STEEL CONSUMPTION—Rebar



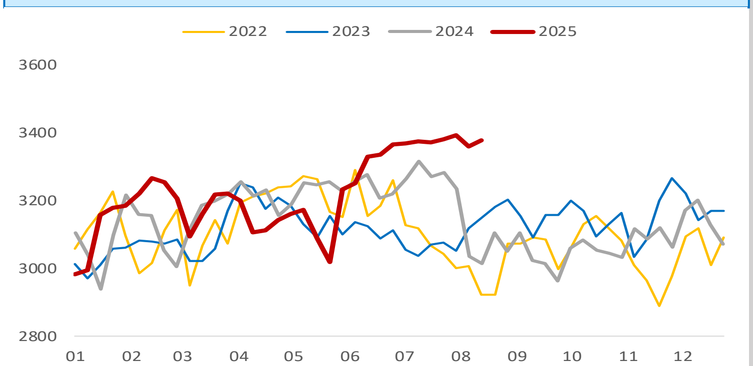
CHINESE STEEL CONSUMPTION—Hot-rolled Coil



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)

	65% Fe Fines	62% Fe Fines	58% Fe Fines	62.5% Fe Lump
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

Iron Ore Index Compilation Rationale and Data Exclusions

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.

Data Exclusions*

	62%	58%	65%
Port Index	0	0	0
Seaborne index	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

Aug 19th, 2025	Specifications applied for 62% brand assessments				
	Fe	Alumina	Silica	Phos	Moisture
Roy Hill	60.88%	2.35%	4.45%	0.055%	9.26%
SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%
PB Fines	61.64%	2.31%	3.87%	0.099%	9.45%
Newman Fines	62.49%	2.31%	3.98%	0.090%	7.72%
MAC Fines	60.43%	2.38%	4.64%	0.078%	7.57%
Jimblebar Blended Fines	60.87%	2.95%	4.53%	0.111%	7.32%
Carajas Fines	64.90%	1.39%	1.82%	0.080%	7.78%
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%
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%

Aug 19th, 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%

SEABORNE BRANDS

	Specifications applied for 62% brand assessments				
	Fe	Alumina	Silica	Phos	Moisture
Roy Hill	60.70%	2.30%	4.90%	0.055%	8.00%
SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%
PB Fines 62%	62.00%	2.60%	4.30%	0.090%	9.50%
Newman Fines	62.30%	2.40%	4.40%	0.090%	8.00%
MAC Fines	60.80%	2.35%	4.70%	0.080%	7.80%
Jimblebar Blended Fines	60.50%	3.00%	4.50%	0.120%	8.00%
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 Blend Fines	63.00%	1.50%	5.00%	0.070%	7.00%
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%

BLOOMBERG TICKERS

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

	SEABORNE INDICES
	CFR Qingdao (USD/DMT)
IOSI62	IRCN0034
IOSI65	IRCN0035

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