



MMi Dashboard

Iron Ore Price Indices

Iron Ore Port Stock (FOT Qingdao) IOPI62 62% Fe Fines RMB/t  771 -4 -0.46% May 23rd, 2025	Iron Ore Port Stock (FOT Qingdao) IOPI65 65% Fe Fines RMB/t  883 -3.55 -0.40% May 23rd, 2025	Iron Port Stock (FOT Qingdao) IOPI58 58% Fe Fines RMB/t  672 -4 -0.63% May 23rd, 2025
Iron Ore Seaborne (CFR Qingdao) IOSI62 62% Fe Fines USD/dmt  99.13 -1.74 -1.72% May 23rd, 2025	Iron Ore Seaborne (CFR Qingdao) IOSI65 65% Fe Fines USD/dmt  102.81 -2.86 -2.71% May 23rd, 2025	Iron Ore Port Stock (FOT Qingdao) IOPLI 62.5% Fe Lump RMB/t  900 -15 -1.64% Week Ending May 23rd, 2025

Exchange Traded Contracts

DCE Iron Ore 62% Fines I2509 (September) RMB/t (3pm close)  728.00 1.00 0.14% May 23rd, 2025 (3pm close)	SGX Iron Ore (CFR Qingdao) 62% Fe Fines May 25 USD/dmt  98.15 -0.95 -0.96% May 23rd, 2025 (5.30 pm Print)	SHFE Rebar RB2510 (Jan) RMB/t  3046 -15 -0.49% May 23rd, 2025 (3pm close)
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Freight Rates

C3, Tubarao - Qingdao USD/t  18.81 0.20 1.1% May 22nd, 2025	C5, W. Australia - Qingdao USD/t  8.37 0.33 4.1% May 22nd, 2025
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Steel Price

Steel Rebar (China Domestic) RMB/t  3164 -45 -1.39% Week Ending May 23rd, 2025

Inventory Levels

Iron Ore Inventory at Chinese Ports (35) million tonnes  137.73 -1.67 -1.20% Week Ending May 23rd, 2025	Steel Inventory in China million tonnes  18.02 -0.04 -0.19% Week Ending May 23rd, 2025
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Steel Price

Steel HRC (China Domestic) RMB/t  3254 -27 -0.84% Week Ending May 23rd, 2025

IRON ORE PORT STOCK INDEX (IOPI)

May 23rd, 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	771	-4	-0.5%	786	849	683	1063	99.44	-0.50	-0.5%	101.63	110.63	89.33	140.24
IOPI58	58% Fe Fines	672	-4	-0.6%	687	742	610	963	87.11	-0.60	-0.7%	89.26	97.35	80.25	128.13
IOPI65	65% Fe Fines	883	-4	-0.4%	898	960	794	1175	114.38	-0.50	-0.4%	116.61	125.66	104.47	155.37

IRON ORE SEABORNE INDEX (IOSI)

MARKET COMMENTARY

May 23rd, 2025		CFR Qingdao, USD/dry tonne							Today, the DCE iron ore futures market was in the doldrums, with the most-traded contract I2509 closing at 727, up 1.24% for the day. Traders sold goods in line with market conditions. As the weekend approached, steel mills' purchase willingness weakened. The market trading atmosphere was average. In the Shandong region, the mainstream transaction prices of PB fines were in the range of 755-758 yuan/mt, down 5-10 yuan/mt from yesterday's prices. In the Tangshan region, the transaction prices of PB fines were around 770-775 yuan/mt, down 5 yuan/mt from yesterday's prices. As of May 23, the total inventory at 35 ports tracked by SMM was 137.73 million mt, a decrease of 1.67 million mt WoW. The daily average port pick-up volume of imported ore was 3.138 million mt, an increase of 43,000 mt WoW. Despite recent improvements in port cargo pick-up, pig iron production of steel mill blast furnaces remained at a relatively high level, still providing certain support for the demand for iron ore concentrates. Next week, the demand for iron ore is expected to decline, with weaker support for ore prices, and the market is anticipated to remain in the doldrums.						
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low ²	High ²							
IOSI62	62% Fe Fines	99.13	-1.74	-1.72%	102.81	111.71	89.79	142.65							
IOSI65	65% Fe Fines	102.81	-2.86	-2.71%	113.71	127.11	98.28	171.65							

IRON ORE PORT LUMP INDEX (IOPLI)

Week Ending May 23rd, 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	900	-15	-1.6%	901	984	820	1210	111.77	-1.82	-1.61%	112.21	123.46	102.77	153.57

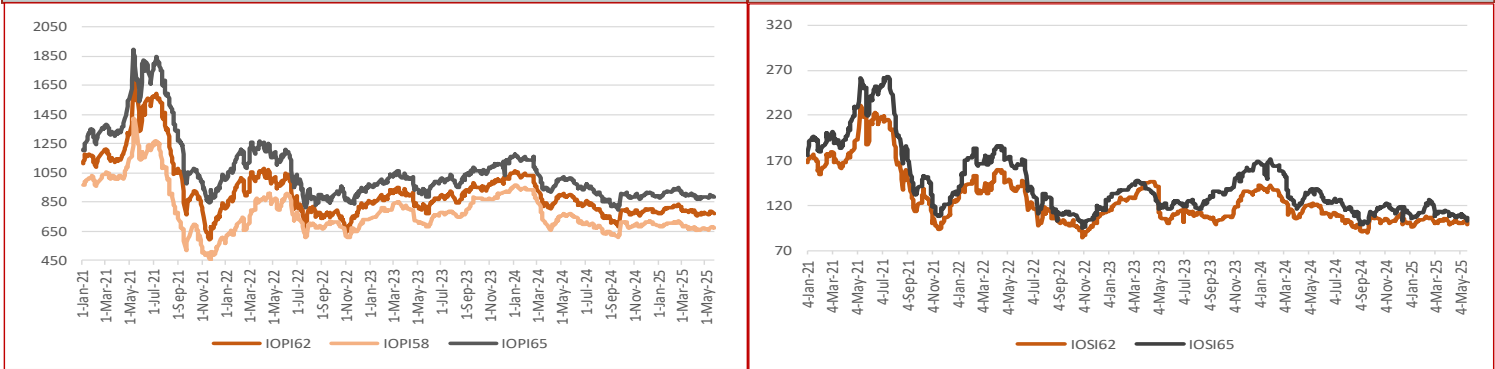
IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX

Week Ending May 23rd, 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	947	2.3%	861	1226	131.67	2.35%	122.41	172.59
Hebei	Qian'an	65% Fe Concentrate	Dry	940	-1.1%	935	1300	130.70	-0.97%	129.77	183.23
Liaoning	Anshan	65% Fe Concentrate	Wet	725	0.0%	715	970	100.80	0.08%	100.63	136.72
Shandong	Zibo	65% Fe Concentrate	Dry	977	2.4%	905	1294	135.84	2.50%	128.66	182.16
Week Ending May 23rd, 2025				This week	Change %	Low ²	High ²				
China Mines Concentrate Composite Index RMB/WT				854.52	0.06%	849.47	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

May 23rd, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne						
Index	Fe Content	January	February	March	April	MTD	QTD	YTD	October	November	December	April	MTD	QTD	YTD
IOPI62	62% Fe Fines	786	821	787	771	786	777	849	101.55	106.36	101.83	99.27	101.63	100.57	110.63
IOPI58	58% Fe Fines	689	709	677	664	687	678	742	89.46	92.40	87.92	85.93	89.26	88.26	97.35
IOPI65	65% Fe Fines	899	933	899	883	898	889	960	116.56	121.35	116.79	114.18	116.61	115.58	125.66

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

FREIGHT RATES

May 23rd, 2025		CFR Qingdao, USD/dry tonne							May 22nd, 2025						
Index	Fe Content	January	February	March	April	MTD	QTD	YTD	Route	Designation	Change	Change %	Low ²	High ²	
IOSI62	62% Fe Fines	99.58	105.94	102.47	101.62	102.81	101.60	111.71	W. Australia - Qingdao	C5	8.37	0.33	4.1%	5.92	14.89
IOSI65	65% Fe Fines	108.22	121.06	112.28	109.70	113.71	112.48	127.11	Tubarao - Qingdao	C3	18.81	0.20	1.1%	16.08	35.02

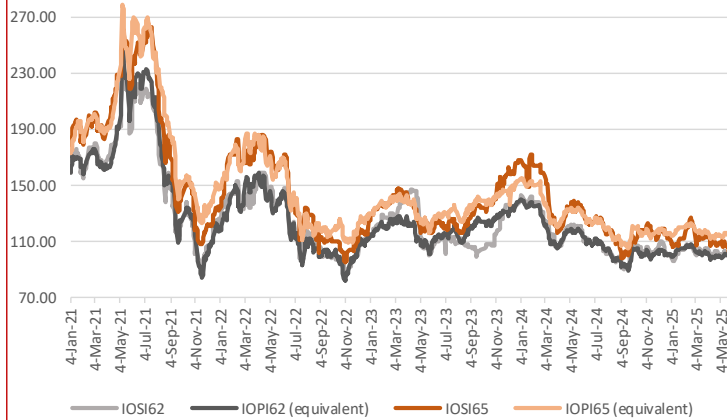
IRON ORE PORT LUMP INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES

Week Ending May 23rd, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne ¹						
Index	Fe Content	January	February	March	April	MTD	QTD	YTD	January	February	March	April	MTD	QTD	YTD
IOPLI62	62.5% Fe Lump	909	945	905	901	901	893	984	113.00	117.88	112.70	111.81	112.21	111.30	123.46

IRON ORE INDEX PREMIUMS/DISCOUNTS

May 23rd, 2025		PORT STOCK INDEX (RMB/WT)		May 23rd, 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	-99	-12.86%	IOSI65	65% Fe Fines	3.68	3.71%
IOPI65	65% Fe Fines	112	14.48%				

IRON ORE INDEX COMPARISONS (USD/DMT)



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



IRON ORE BRAND SPOT PRICE ASSESSMENTS

May 23rd, 2025				May 23rd, 2025			
PORT STOCK INDEX (RMB/WT)				SEABORNE INDEX (USD/DMT)			
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62
Roy Hill	714	-4	-57	Roy Hill	96.37	0.00	-2.76
SIMEC Fines	641	-4	-130	SIMEC Fines	92.87	0.00	-6.26
PB Fines	740	-4	-31	PB Fines	97.12	0.00	-2.01
Newman Fines	739	-4	-32	Newman Fines	100.00	0.00	0.87
MAC Fines	721	-4	-50	MAC Fines	97.12	0.00	-2.01
Jimblebar Blended Fines	635	-4	-136	Jimblebar Blended Fines	89.50	0.00	-9.63
Carajas Fines	951	-4	180	Carajas Fines	130.42	0.00	31.29
Brazilian SSF	733	-4	-38	Brazilian SSF	104.62	0.00	5.49
Brazilian Blend Fines	754	-4	-17	Brazilian Blend Fines	106.25	0.00	7.12
RTX Fines	654	-4	-117	RTX Fines	90.75	0.00	-8.38
West Pilbara Fines	683	-4	-88	West Pilbara Fines	95.12	0.00	-4.01
May 23rd, 2025							
PORT STOCK INDEX (RMB/WT)							
	Price	Change	Diff to IOPI58				
SSF	672	-5	0				
FMG Blended Fines	680	-5	8				
Robe River	681	-5	9				
Western Fines	684	-5	12				
Atlas Fines	678	-5	6				
Yandi	666	-5	-6				

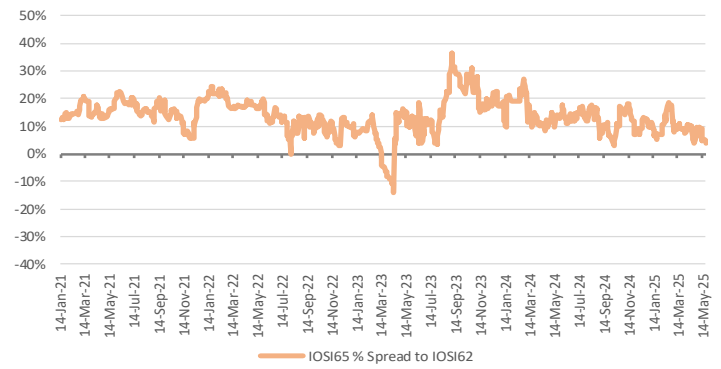
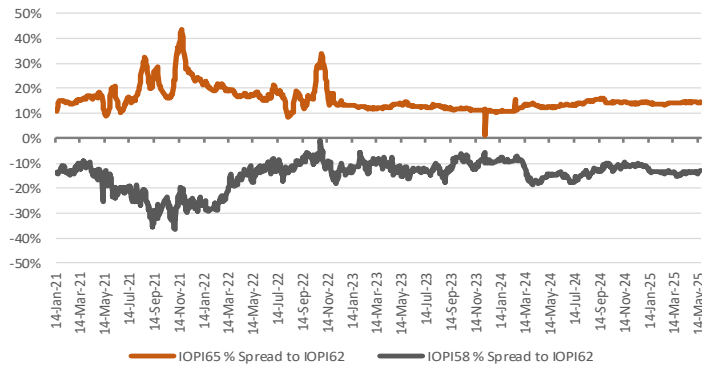
IRON ORE INDEX NORMALISATION DIFFERENTIALS

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%	2.50	0.00
	High Grade Fe 63 - 64%	11.00	-2.00		High Grade Fe 63 - 64%	0.25	0.00
	High Grade Fe 64 - 65%	11.00	-2.00		High Grade Fe 64 - 65%	0.25	0.00
	High Grade Fe 65 - 65.5%	11.00	-2.00		High Grade Fe 65 - 65.5%	0.25	0.00
1% Alumina	Low Grade Fe	19.00	1.00	1% Alumina	High Fe Grade Al <2.25%	0.50	0.00
	High Fe Grade Al <2.25%	17.00	5.00		High Fe Grade Al 2.25-4%	0.75	0.00
	High Fe Grade Al 2.25-4%	5.00	0.00		High Fe Grade Si <4%	0.25	0.00
	Low Fe Grade Al <2.25%	51.00	1.00		High Fe Grade Si 4 - 6.5%	0.25	0.00
1% Silica	Low Fe Grade Al 2.25-4%	17.00	3.00	1% Silica	High Fe Grade Si <4%	0.25	0.00
	High Fe Grade Si <4%	5.00	-3.00		High Fe Grade Si 4 - 6.5%	0.25	0.00
	High Fe Grade Si 4 - 6.5%	30.00	6.00		High Fe Grade 0.09%<P<0.115%	0.50	0.00
	Low Fe Grade	15.00	2.00		High Fe Grade 0.115%<P<0.15%	1.00	0.00
0.01% Phosphorus	High Fe Grade 0.09%<P<0.115%	6.00	1.00	0.01% Phosphorus	High Fe Grade 0.09%<P<0.115%	0.50	0.00
	High Fe Grade 0.115%<P<0.15%	6.00	1.00		High Fe Grade 0.115%<P<0.15%	1.00	0.00
Low Fe Grade 0.09<P<0.1%	Low Fe Grade 0.09<P<0.1%	5.00	0.00				

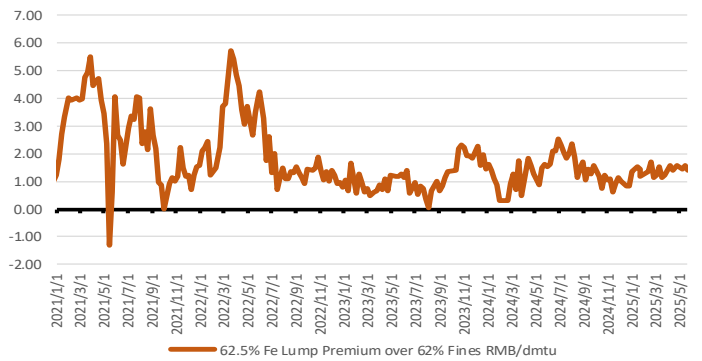
Port Stock Price Differentials to Qingdao Port for PB Fines (RMB/wet tonne)

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	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

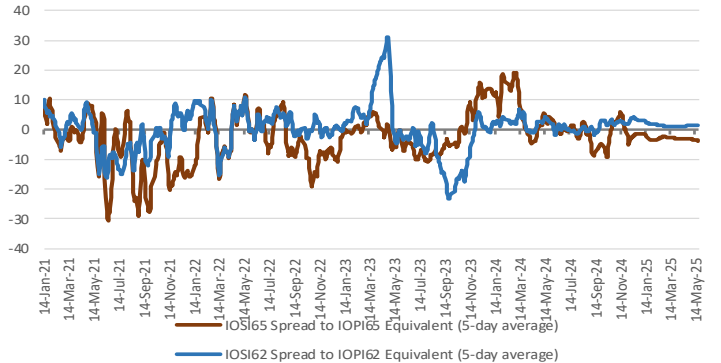
IRON ORE INDEX PREMIUMS/DISCOUNTS



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



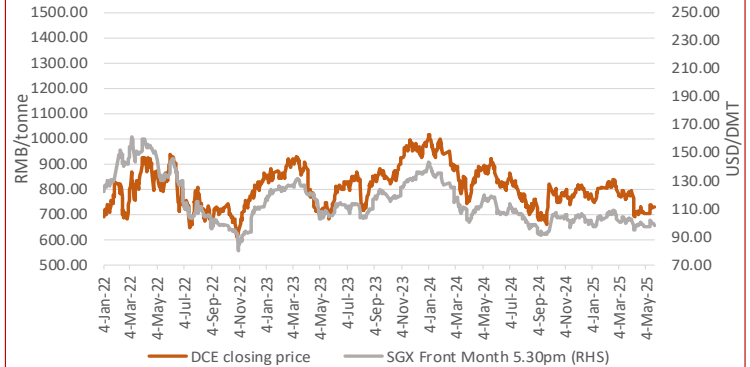
IRON ORE SEABORNE TO PORT STOCK PRICE SPREADS (USD/DMT)



TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES)



FUTURE TRADING—FRONT MONTH CLOSING PRICE



IRON ORE PORT INVENTORIES (MILLION TONNES)

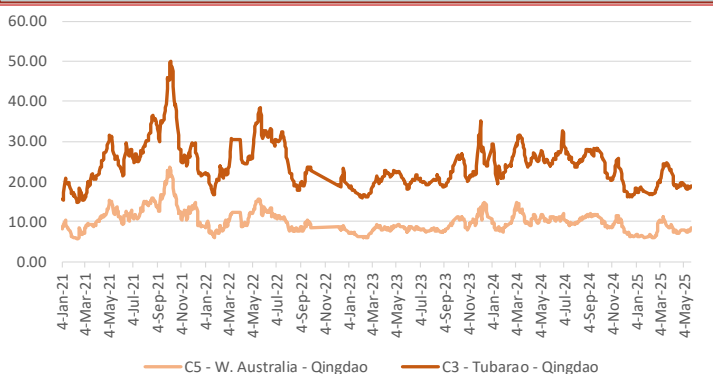
Week Ending May 23rd, 2025

Province	This week	Change %	Low ²	High ²
Jingtang	12.50	-0.71%	8.29	17.20
Qingdao	28.18	0.68%	22.28	28.18
Caofeidian	14.83	-4.69%	7.56	20.28
Tianjin	9.25	-2.73%	6.64	12.36
Rizhao	16.46	-1.85%	11.52	21.35
Total (35 Ports)	137.73	-1.20%	105.01	150.72

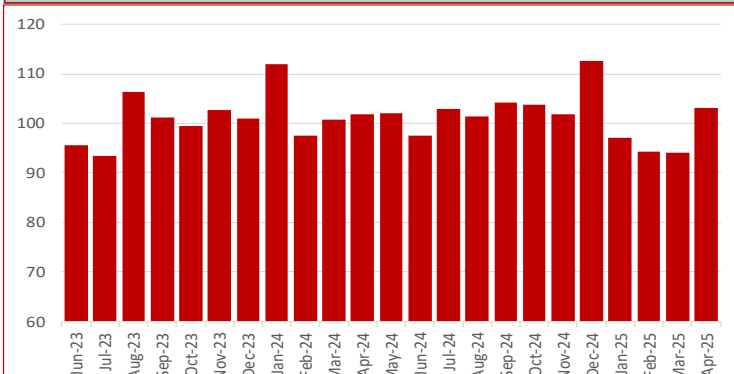
IRON ORE FUTURES CONTRACTS

Closing Date	DCE (RMB/WMT)			SGX (USD/DMT)		
	May 23rd, 3pm close			May 23rd, 5:30pm		
Contract	I2509	Change	Change %	May. 25	Change	Change %
Closing Price	728.00	1.00	0.14%	98.15	-0.95	-0.96%
Vol traded ('000 lots)	34.98	7.08	25.39%	6.34	-0.56	-8.08%
Open positions ('000 lots)	75.02	-0.62	-0.82%	35.07	-0.93	-2.58%
Day Low	717.0	-6.50	-0.90%	98.05	-0.85	-0.86%
Day High	728.0	-4.00	-0.55%	99.30	-0.70	-0.70%

DRY BULK FREIGHT RATES (USD/MT)



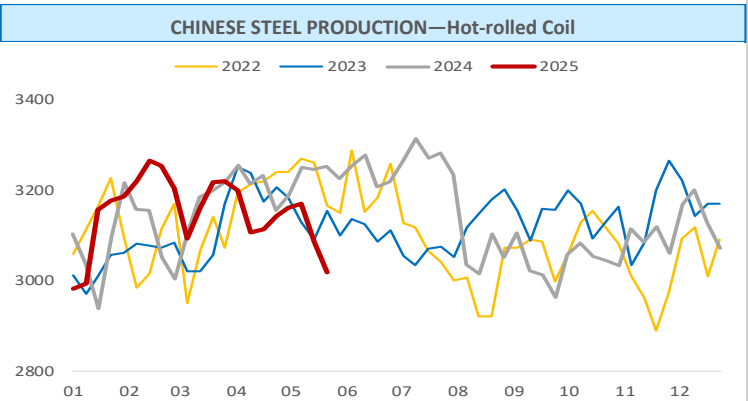
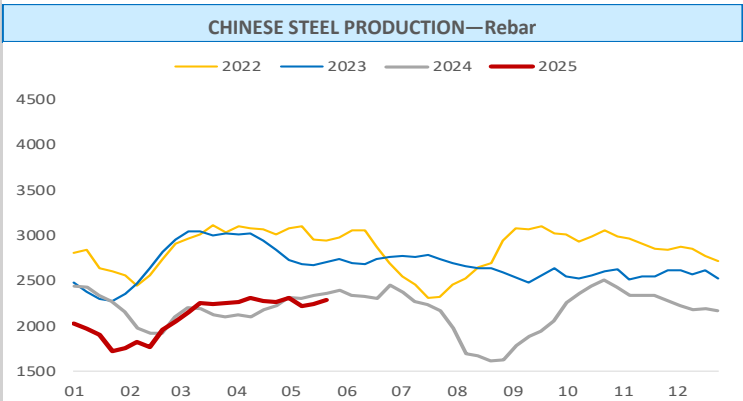
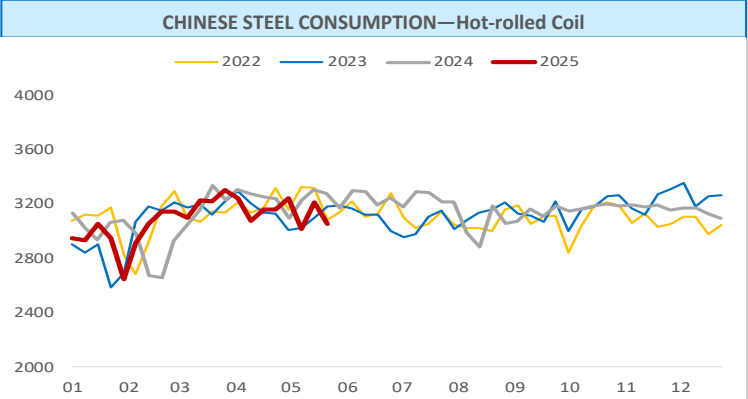
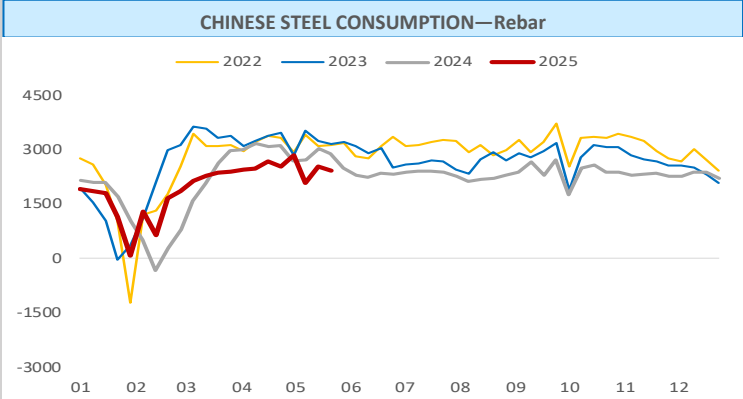
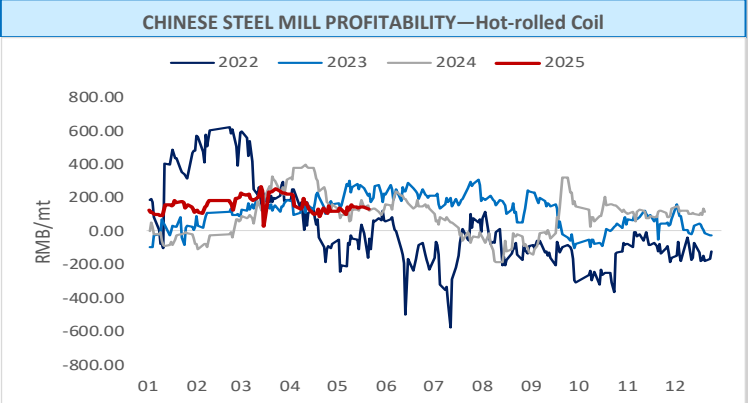
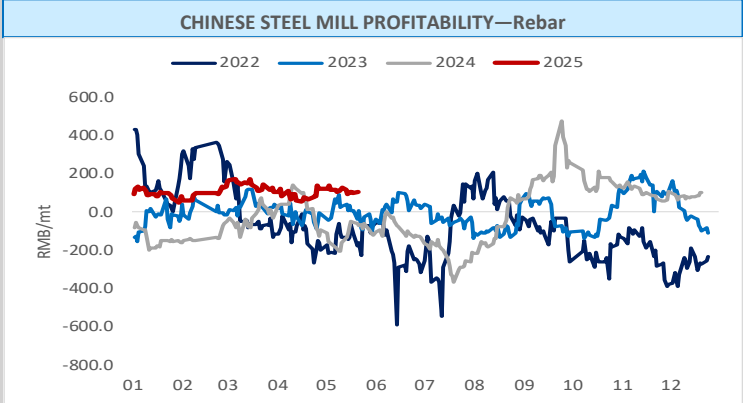
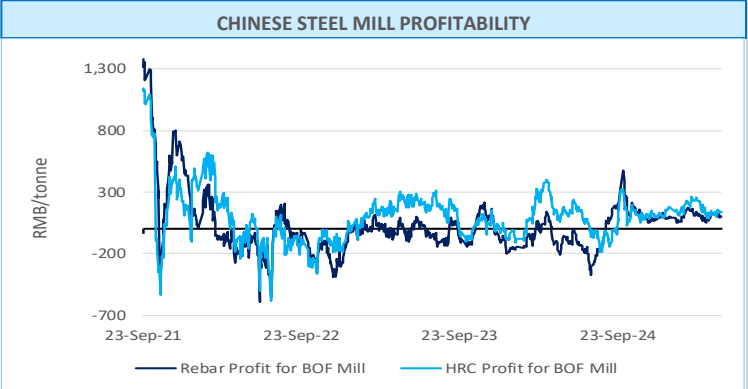
TOTAL CHINA IRON ORE IMPORT VOLUMES (MILLION TONNES)



STEEL SPOT MARKET PRICES—CHINA			
Steel Spot Market RMB/tonne			
Product	2025/05/23	Change	Change %
ReBar HRB400 ϕ18mm	3,164	-45	-1.39%
Wirerod Q300 ϕ6.5mm	3,347	-38	-1.13%
HRC Q235/SS400 5.5mm*1500*C	3,254	-27	-0.84%
CRC SPCC/ST12 1.0mm*1250*2500	3,713	-37	-0.99%
Medium & Heavy Plate Q235B 20mm	3,570	-27	-0.74%
GI ST02Z 1.0mm*1000*C	4,215	-30	-0.71%
Colour Coated Plate	6,600	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 exluding tax	99.44	-1.52	Mmi CFR Equivalent index for 1st Feb
Coke	1,515	0	2nd grade met coke, Tangshan, incl. tax
Steel Scrap	2,440	0	steel scrap (6mm) in Zhangjiagang, exl. tax
Billet Cost	2,497	0	Q234, incl. tax
Rebar cost - Blast furnace	3,027	-20	calculated based on theoretical weight, incl. tax
Rebar profit - Blast furnace	103	-10	based on Shanghai prices, incl. tax
Hot-rolled coil cost - Blast furnace	3,110	-19	based on actual weight, incl. tax
Hot-rolled coil profit - Blast furnace	130	-11	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 fe
2. The cost refers to average cost in the industry based on SMM's survey of small, medium and large mills in China



IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS

Iron Ore Index Specifications (Port and Seaborne)					Iron Ore Index Compilation Rationale and Data Exclusions																				
Fe %	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																				
Alumina %	65.00	62.00	58.00	62.50																					
Silica%	1.40	2.25	2.25	1.50																					
Phosphorus %	1.50	4.00	5.50	3.50																					
Sulphur %	0.06	0.09	0.05	0.08																					
Moisture %	0.01	0.02	0.02	0.02																					
	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																					
					<table><tr><th colspan="4">Data Exclusions*</th></tr><tr><td></td><th>62%</th><th>58%</th><th>65%</th></tr><tr><td>Port Index</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Seaborne index</td><td>0</td><td></td><td>0</td></tr><tr><td>Lump Index 62.5</td><td>0</td><td></td><td></td></tr></table>	Data Exclusions*					62%	58%	65%	Port Index	0	0	0	Seaborne index	0		0	Lump Index 62.5	0		
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						SEABORNE BRANDS					
May 23rd, 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%
May 23rd, 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				

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