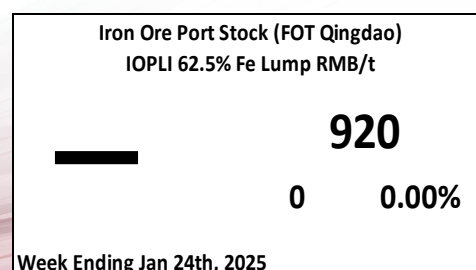
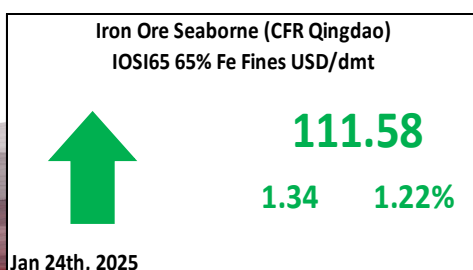
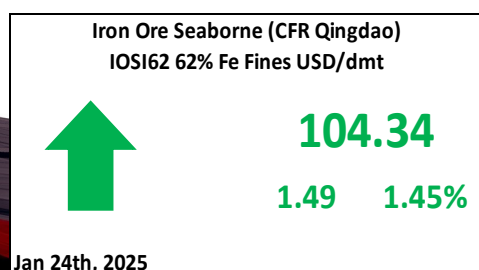
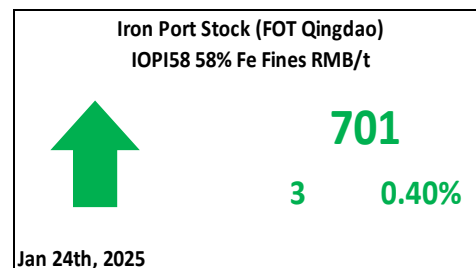
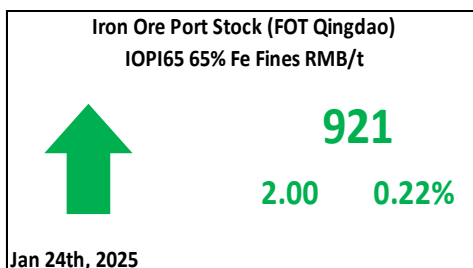
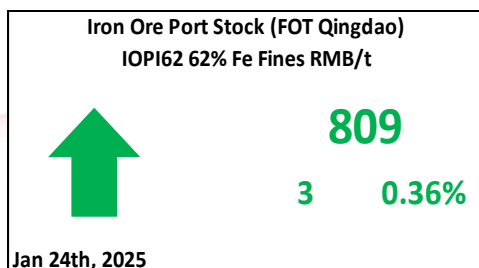


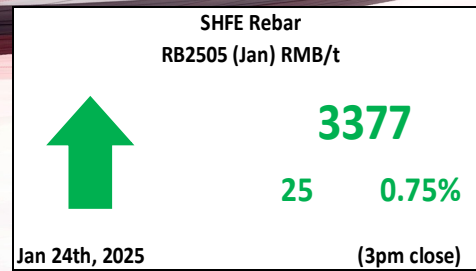
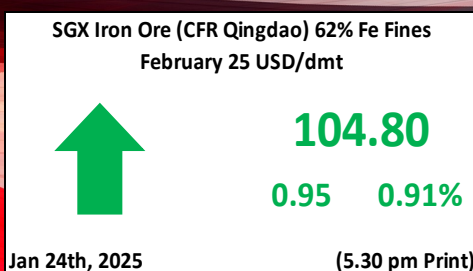
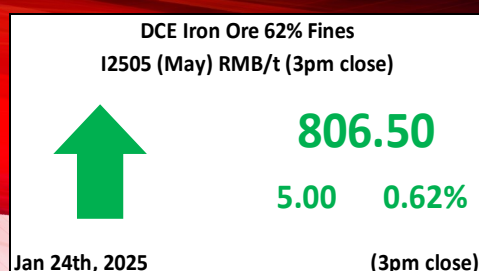


MMi Dashboard

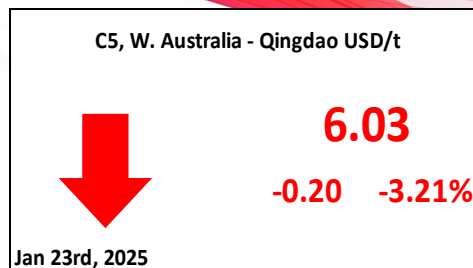
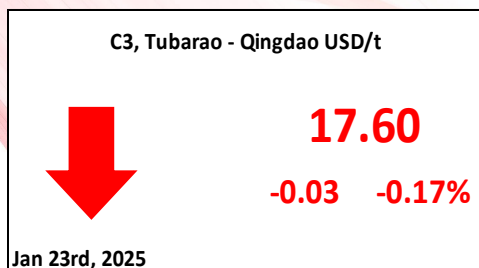
Iron Ore Price Indices



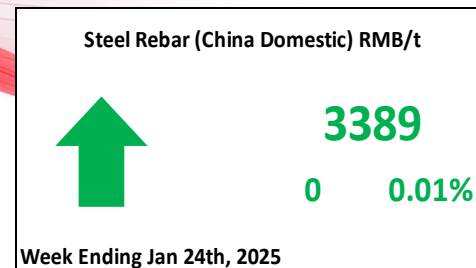
Exchange Traded Contracts



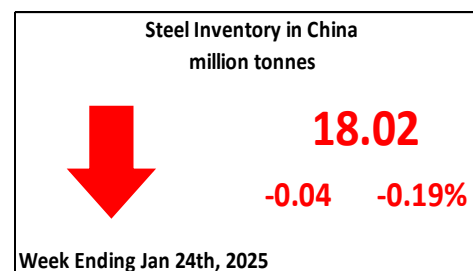
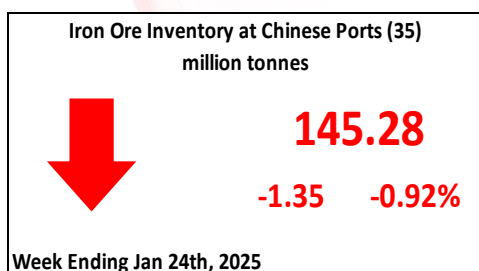
Freight Rates



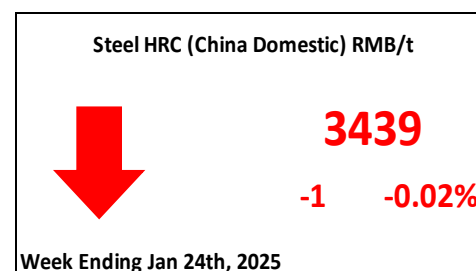
Steel Price



Inventory Levels



Steel Price



IRON ORE PORT STOCK INDEX (IOPI)

Jan 24th, 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	809	3	0.4%	784	863	683	1063	104.76	0.39	0.4%	101.42	112.78	89.33	140.24
IOPI58	58% Fe Fines	701	3	0.4%	694	758	610	963	91.24	0.38	0.4%	90.30	99.59	80.25	128.13
IOPI65	65% Fe Fines	921	2	0.2%	896	975	794	1175	119.79	0.27	0.2%	116.43	127.84	104.47	155.37

IRON ORE SEABORNE INDEX (IOSI)

MARKET COMMENTARY

Jan 24th, 2025		CFR Qingdao, USD/dry tonne							MARKET COMMENTARY							
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low ²	High ²	Today, iron ore futures continued to fluctuate upward. The most-traded I2505 contract finally closed at 803 yuan/mt, up 0.69% for the day. Few offers were made by traders. Steel mills have completed pre-holiday restocking, resulting in limited inquiries. Market transactions were minimal today. In Shandong, the mainstream transaction prices for #8 fines were 790-793 yuan/mt, up 0-3 yuan/mt compared to yesterday. In Tangshan, #8 fines were traded around 815 yuan/mt, holding steady at the high level compared to yesterday. As of January 24, SMM data showed that the total inventory at 35 ports was 145.28 million mt, down 1.58 million mt WoW but up 20.66 million mt YoY. The daily average port cargo pick-up volume for imported ore was 3.194 million mt, down 18,000 mt WoW but up 260,000 mt YoY. This week, port arrivals saw a significant decline. Additionally, due to the slowdown in steel mills' restocking pace before the Chinese New Year, port pick-up volume showed a slight downward trend. Looking ahead to next week, port inventory is expected to increase slightly. However, market transactions have essentially concluded, with limited impact on prices. In the short term, considering the healthy fundamentals and positive macro factors, ore prices are expected to continue fluctuating upward.							
IOSI62	62% Fe Fines	104.34	1.49	1.45%	102.91	113.91	89.79	142.65								
IOSI65	65% Fe Fines	111.58	1.34	1.22%	114.69	130.62	98.28	171.65								

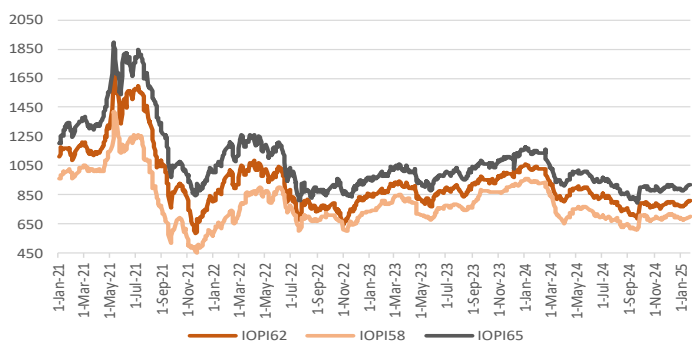
IRON ORE PORT LUMP INDEX (IOPLI)

Week Ending Jan 24th, 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	920	0	0.0%	889	999	820	1210	114.62	0.23	0.20%	110.84	125.57	102.77	153.57

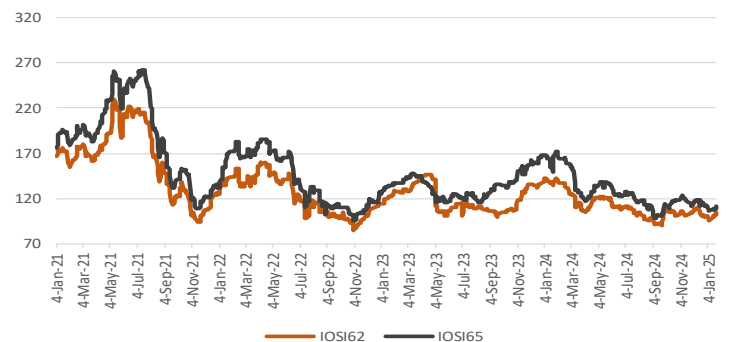
IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX

Week Ending Jan 24th, 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	944	3.4%	861	1226	131.59	3.60%	122.41	172.59
Hebei	Qian'an	65% Fe Concentrate	Dry	965	-1.0%	960	1300	134.51	-0.83%	133.53	183.23
Liaoning	Anshan	65% Fe Concentrate	Wet	745	0.0%	715	970	103.85	0.20%	100.77	136.72
Shandong	Zibo	65% Fe Concentrate	Dry	974	3.7%	905	1294	135.77	3.93%	128.66	182.16
Week Ending Jan 24th, 2025				This week	Change %	Low ²	High ²	¹ Exchange rate applied: RMB/USD = 7.191 ² Last 12 months ³ Weekly exchange rate applied: RMB/USD = 7.19258			
China Mines Concentrate Composite Index RMB/WT				867.77	-0.06%	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

Jan 24th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne						
Index	Fe Content	September	October	November	December	MTD	QTD	YTD	October	November	December	December	MTD	QTD	YTD
IOPI62	62% Fe Fines	718	781	779	791	784	769	863	93.70	102.03	100.71	102.08	101.42	99.75	112.78
IOPI58	58% Fe Fines	630	690	692	706	694	677	758	82.73	90.61	89.97	91.67	90.30	88.27	99.59
IOPI65	65% Fe Fines	829	894	891	903	896	881	975	108.89	117.10	115.71	117.03	116.43	114.81	127.84

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

FREIGHT RATES

Jan 24th, 2025		CFR Qingdao, USD/dry tonne							Jan 23rd, 2025						
Index	Fe Content	September	October	November	December	MTD	QTD	YTD	FREIGHT RATES - DRY BULK US\$/wet tonne						
Index	Fe Content	September	October	November	December	MTD	QTD	YTD	Route	Designation	Change	Change %	Low ²	High ²	
IOSI62	62% Fe Fines	94.36	104.02	103.09	104.94	102.91	100.89	113.91	W. Australia - Qingdao	C5	6.03	-0.20	-3.21%	6.03	14.89
IOSI65	65% Fe Fines	102.24	115.31	117.71	115.66	114.69	112.31	130.62	Tubarao - Qingdao	C3	17.60	-0.03	-0.17%	16.08	35.02

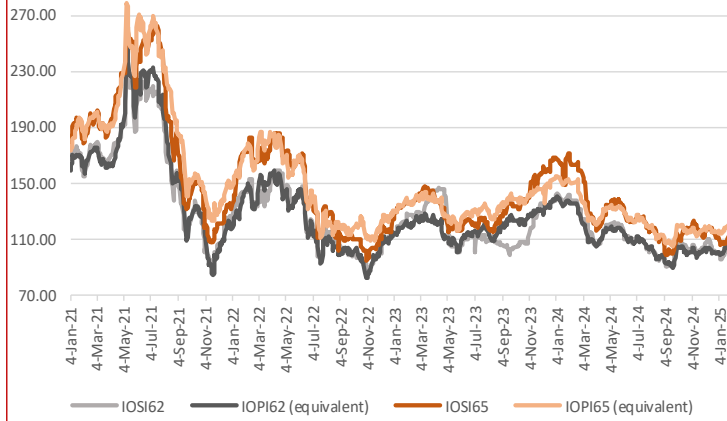
IRON ORE PORT LUMP INDEX MONTHLY, QUARTERLY AND YEAR-TO-DATE AVERAGES

Week Ending Jan 24th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne ¹						
Index	Fe Content	September	October	November	December	MTD	QTD	YTD	September	October	November	December	MTD	QTD	YTD
IOPLI62	62.5% Fe Lump	830	888	876	888	889	878	999	104.46	111.82	109.09	110.14	110.84	109.57	125.57

IRON ORE INDEX PREMIUMS/DISCOUNTS

Jan 24th, 2025		PORT STOCK INDEX (RMB/WT)		Jan 24th, 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	-108	-13.37%	IOSI65	65% Fe Fines	7.24	6.94%
IOPI65	65% Fe Fines	112	13.86%				

IRON ORE INDEX COMPARISONS (USD/DMT)



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



IRON ORE BRAND SPOT PRICE ASSESSMENTS

Jan 24th, 2025	PORT STOCK INDEX (RMB/WT)			Jan 24th, 2025	SEABORNE INDEX (USD/DMT)		
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62
Roy Hill	752	2	-57	Roy Hill	99.84	1.49	-4.50
SIMEC Fines	680	2	-129	SIMEC Fines	96.34	1.49	-8.00
PB Fines	778	2	-31	PB Fines	100.59	1.49	-3.75
Newman Fines	777	2	-32	Newman Fines	103.47	1.49	-0.88
MAC Fines	759	2	-50	MAC Fines	100.59	1.49	-3.75
Jimblebar Blended Fines	673	2	-136	Jimblebar Blended Fines	92.97	1.49	-11.38
Carajas Fines	989	2	180	Carajas Fines	133.89	1.49	29.55
Brazilian SSF	772	2	-37	Brazilian SSF	108.09	1.49	3.75
Brazilian Blend Fines	791	2	-18	Brazilian Blend Fines	109.72	1.49	5.38
RTX Fines	692	2	-117	RTX Fines	94.22	1.49	-10.13
West Pilbara Fines	721	2	-88	West Pilbara Fines	98.59	1.49	-5.75

Jan 24th, 2025	PORT STOCK INDEX (RMB/WT)		
	Price	Change	Diff to IOPI58
SSF	701	3	0
FMG Blended Fines	710	3	9
Robe River	710	3	9
Western Fines	713	3	12
Atlas Fines	707	3	6
Yandi	694	2	-7

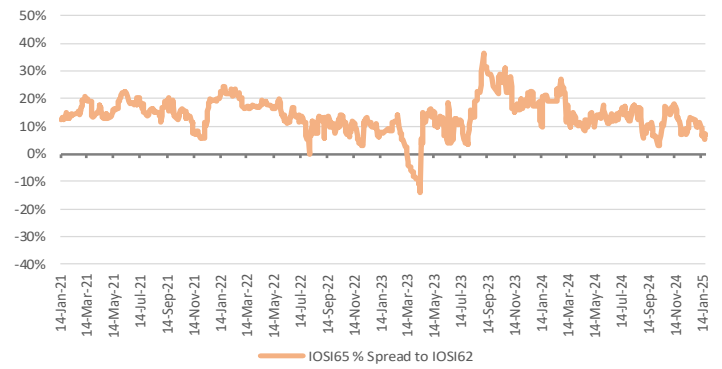
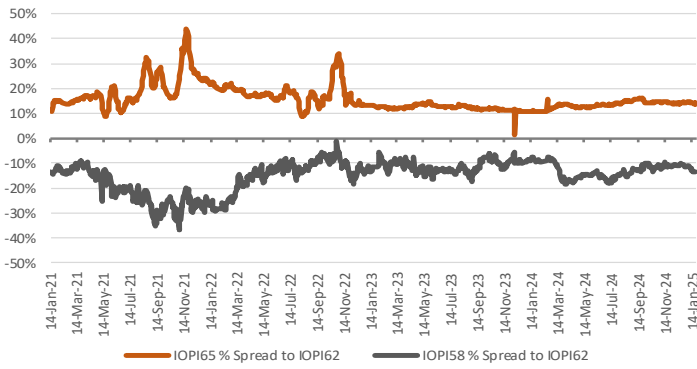
IRON ORE INDEX NORMALISATION DIFFERENTIALS

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%	1.25	0.00
	High Grade Fe 63 - 64%	14.00	0.00		High Grade Fe 63 - 64%	0.25	0.00
	High Grade Fe 64 - 65%	14.00	0.00		High Grade Fe 64 - 65%	0.25	0.00
	High Grade Fe 65 - 65.5%	14.00	0.00		High Grade Fe 65 - 65.5%	0.25	0.00
1% Alumina	Low Grade Fe	19.00	0.00	1% Alumina	High Fe Grade Al <2.25%	4.00	0.00
	High Fe Grade Al <2.25%	60.00	-6.00		High Fe Grade Al 2.25-4%	0.25	-0.25
	High Fe Grade Al 2.25-4%	5.00	0.00				
	Low Fe Grade Al <2.25%	30.00	0.00				
1% Silica	Low Fe Grade Al 2.25-4%	27.00	6.00	1% Silica	High Fe Grade Si <4%	2.00	0.50
	High Fe Grade Si <4%	19.00	-2.00		High Fe Grade Si 4 - 6.5%	2.25	0.75
	High Fe Grade Si 4-6.5%	23.00	6.00				
0.01% Phosphorus	Low Fe Grade	17.00	3.00	0.01% Phosphorus	High Fe Grade 0.09%<P<0.115%	2.25	1.00
	High Fe Grade 0.09%<P<0.115%	7.00	2.00		High Fe Grade 0.115%<P<0.15%	0.50	0.00
	High Fe Grade 0.115%<P<0.15%	7.00	2.00				
	Low Fe Grade 0.09<P<0.1%	5.00	0.00				

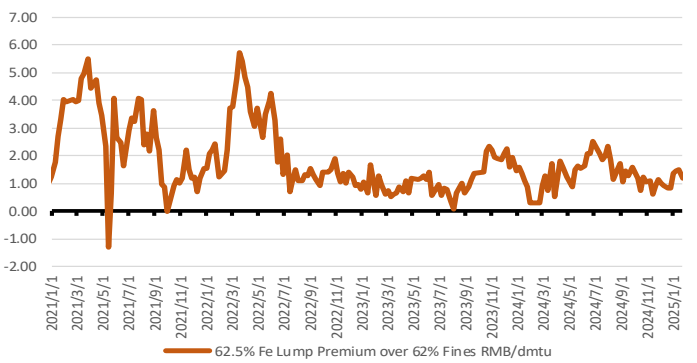
Port Stock Price Differentials to Qingdao Port for PB Fines (RMB/wet tonne)

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	-25.00	0.00	Lianyungang	0.00	0.00	Shekou	0.00	0.00
Caofeidian	-20.00	0.00	Jingtang	-20.00	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	-20.00	0.00

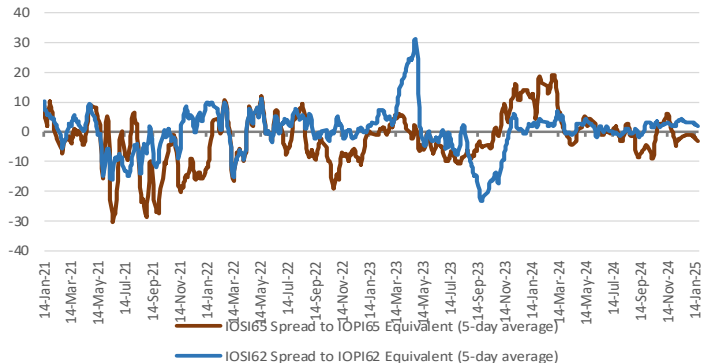
IRON ORE INDEX PREMIUMS/DISCOUNTS



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



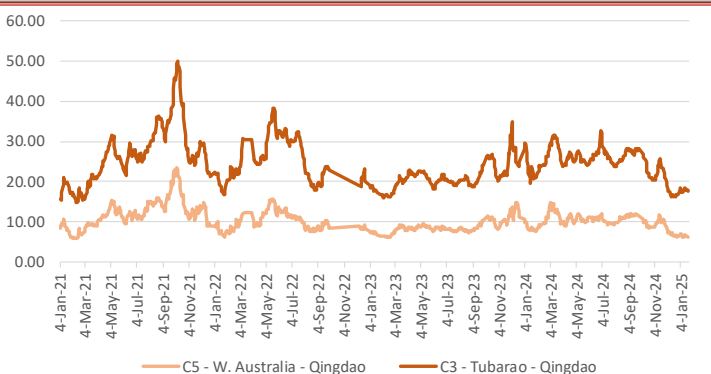
IRON ORE PORT INVENTORIES (MILLION TONNES)

Week Ending Jan 24th, 2025				
Province	This week	Change %	Low ²	High ²
Jingtang	14.36	0.21%	8.29	17.20
Qingdao	26.37	0.00%	22.28	26.37
Caofeidian	17.37	-1.36%	7.56	20.28
Tianjin	11.66	-1.69%	6.64	12.16
Rizhao	18.08	0.33%	11.52	21.35
Total (35 Ports)	145.28	-0.92%	105.01	150.72

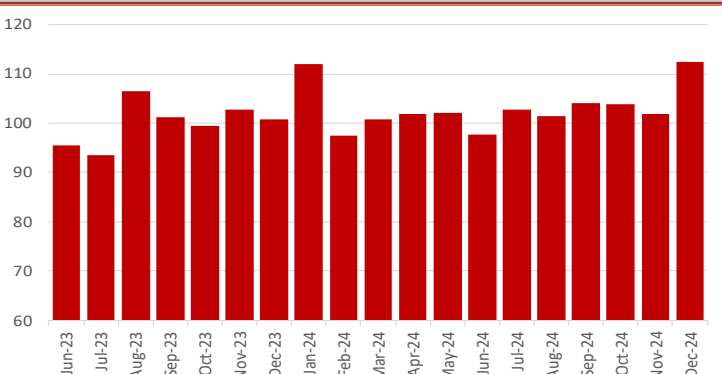
IRON ORE FUTURES CONTRACTS

Closing Date	DCE (RMB/WMT)			SGX (USD/DMT)		
	Jan 24th, 3pm close			Jan 24th, 5:30pm		
Contract	12505	Change	Change %	Feb. 25	Change	Change %
Closing Price	806.50	5.00	0.62%	104.80	0.95	0.91%
Vol traded ('000 lots)	34.44	8.17	31.08%	7.73	0.83	11.99%
Open positions ('000 lots)	49.55	0.21	0.42%	26.92	-1.70	-5.95%
Day Low	793.5	-2.50	-0.31%	103.20	0.05	0.05%
Day High	810.0	3.50	0.43%	105.25	0.55	0.53%

DRY BULK FREIGHT RATES (USD/MT)



TOTAL CHINA IRON ORE IMPORT VOLUMES (MILLION TONNES)



STEEL SPOT MARKET PRICES—CHINA

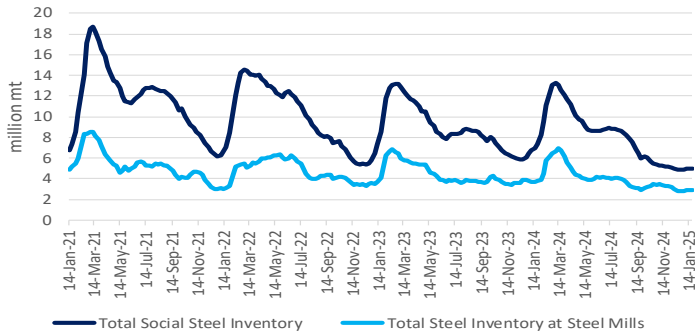
Steel Spot Market RMB/tonne			
Product	2025/01/24	Change	Change %
ReBar HRB400 φ18mm	3,389	0	0.01%
Wirerod Q300 φ6.5mm	3,553	1	0.01%
HRC Q235/SS400 5.5mm*1500*C	3,439	-1	-0.02%
CRC SPCC/ST12 1.0mm*1250*2500	4,100	3	0.07%
Medium & Heavy Plate Q235B 20mm	3,557	17	0.47%
GI ST02Z 1.0mm*1000*C	4,320	5	0.12%
Colour Coated Plate	6,850	0	0.00%

CHINESE STEEL MILL PROFITABILITY

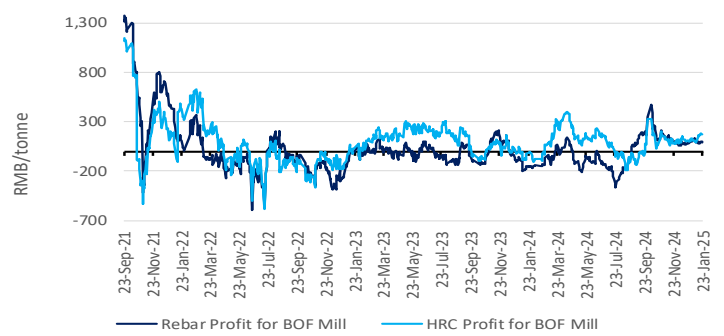
SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)			
Category	Price	Change (WoW)	Note
MMi (Fe 62%), USD/mt excluding tax	104.76	3.70	Mmi CFR Equivalent index for 1st Feb
Coke	1,735	-55	2nd grade met coke, Tangshan, incl. tax
Steel Scrap	2,400	0	steel scrap (6mm) in Zhangjiagang, ext. tax
Billet Cost	2,637	-11	Q234, incl. tax
Rebar cost - Blast furnace	3,206	-12	calculated based on theoretical weight, incl. tax
Rebar profit - Blast furnace	94	12	based on Shanghai prices, incl. tax
Hot-rolled coil cost - Blast furnace	3,269	-11	based on actual weight, incl. tax
Hot-rolled coil profit - Blast furnace	171	11	based on Shanghai prices, incl. tax

Note: 1. Costs in the table are calculated based on today's market prices and factored 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

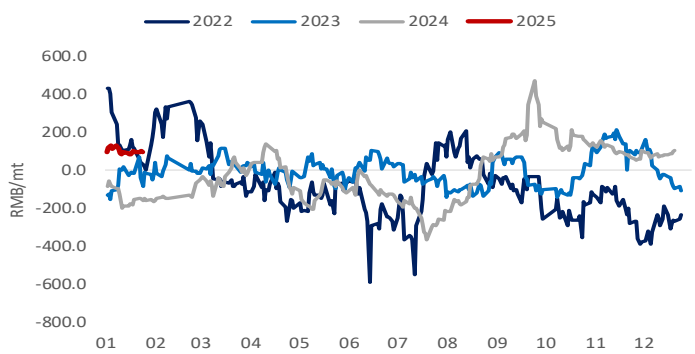
CHINESE STEEL INVENTORIES



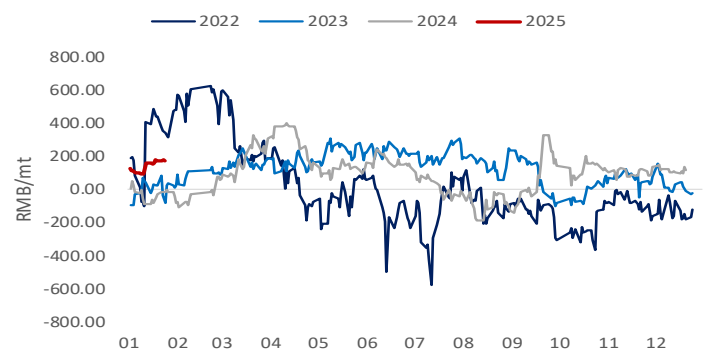
CHINESE STEEL MILL PROFITABILITY



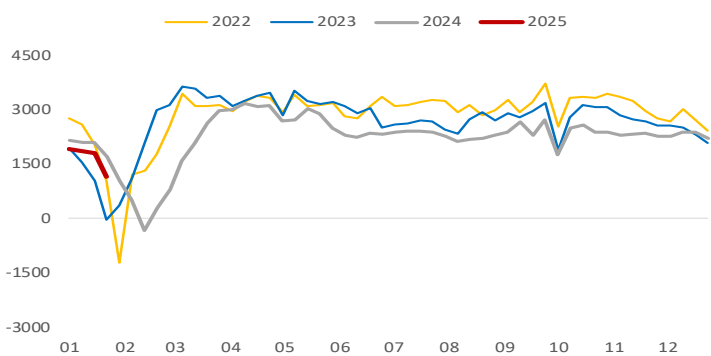
CHINESE STEEL MILL PROFITABILITY—Rebar



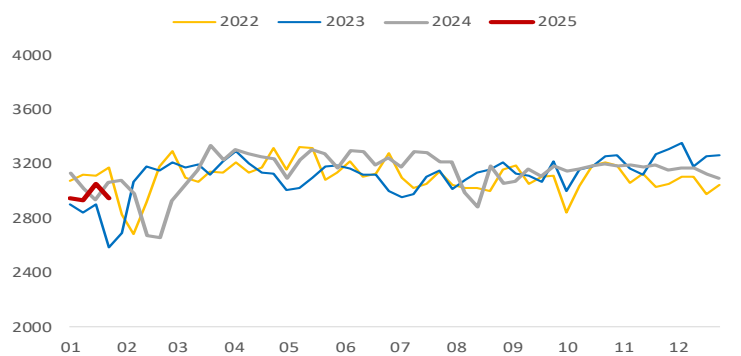
CHINESE STEEL MILL PROFITABILITY—Hot-rolled Coil



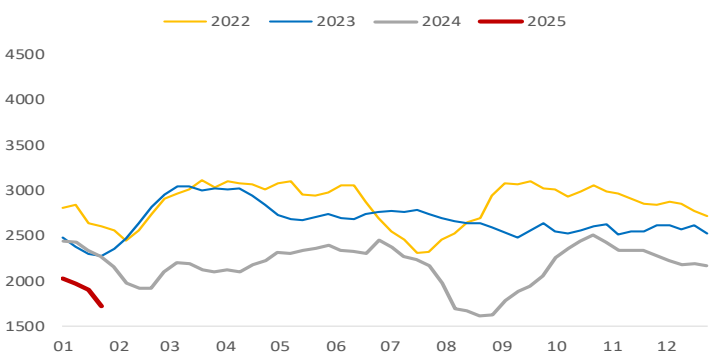
CHINESE STEEL CONSUMPTION—Rebar



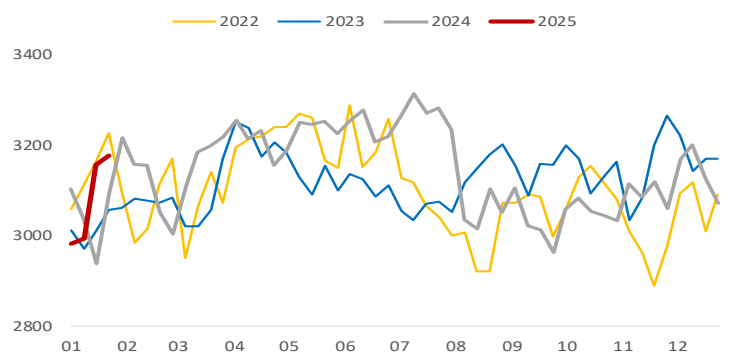
CHINESE STEEL CONSUMPTION—Hot-rolled Coil



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	<p>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.</p> <p>For more details on MMi's iron ore methodology please download the guide published on our website at: www.mmiprices.com</p> <table border="1"> <thead> <tr> <th colspan="4">Data Exclusions*</th> </tr> <tr> <th></th> <th>62%</th> <th>58%</th> <th>65%</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>* Number of price submissions for iron ore indices that were excluded from index calculations today as they were anomalous and could not be verified</p>	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																								
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 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					
Jan 24th, 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%
Jan 24th, 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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