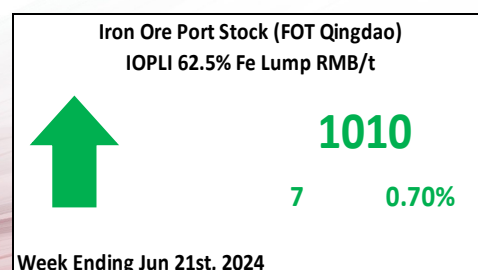
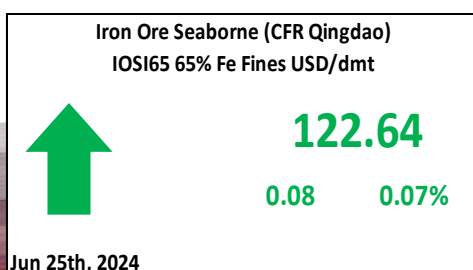
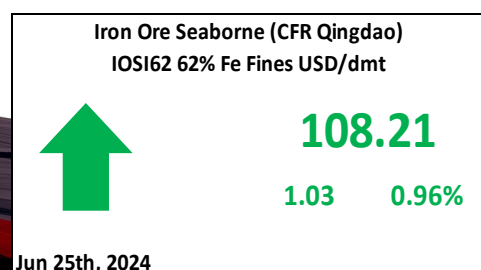
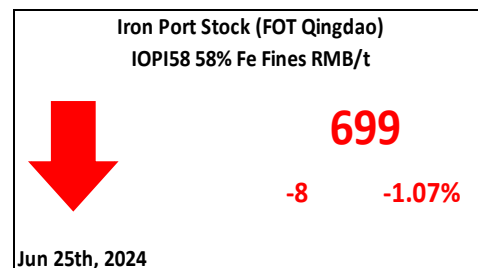
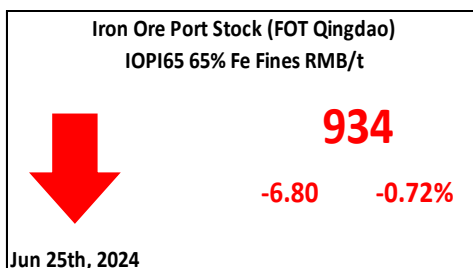
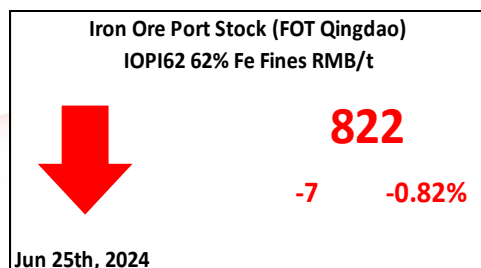


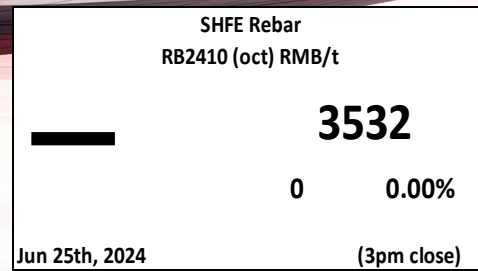
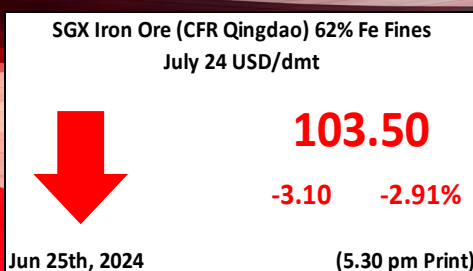
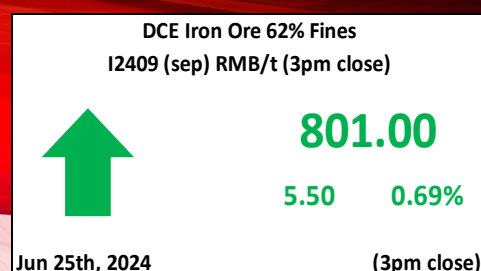


MMi Dashboard

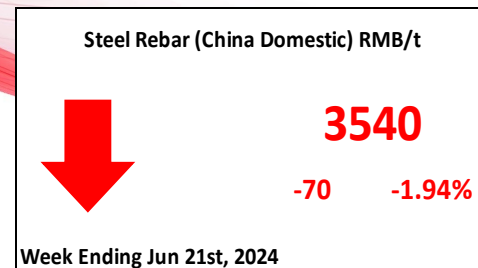
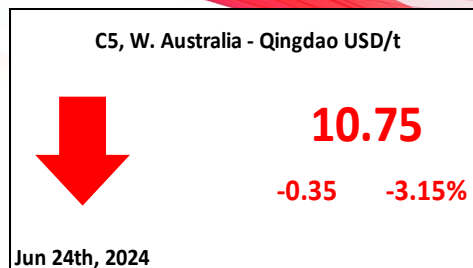
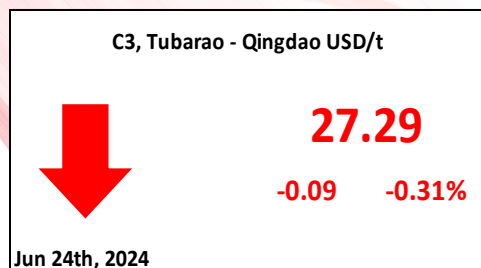
Iron Ore Price Indices



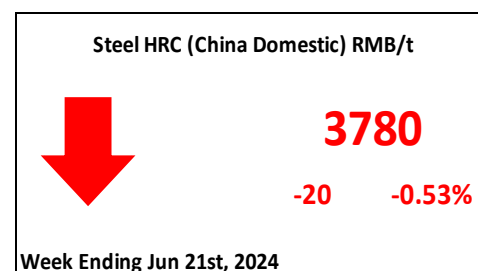
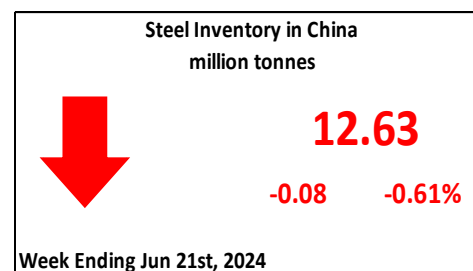
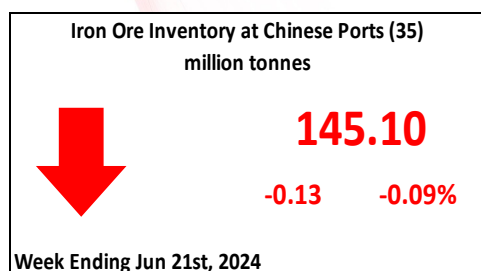
Exchange Traded Contracts



Freight Rates



Inventory Levels



Steel Price

Steel Price

IRON ORE PORT STOCK INDEX (IOPI)

Jun 25th, 2024		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	822	-6.8	-0.82%	880	895	770	1063	107.24	-0.95	-0.9%	116.38	121.03	101.00	140.00
IOPI58	58% Fe Fines	699	-7.5	-1.07%	785	781	665	963	91.64	-1.06	-1.1%	104.50	106.10	86.00	128.00
IOPI65	65% Fe Fines	934	-6.8	-0.72%	996	1026	881	1175	122.32	-0.96	-0.8%	132.21	139.47	116.00	155.00

IRON ORE SEABORNE INDEX (IOSI)

MARKET COMMENTARY

Jun 25th, 2024		CFR Qingdao, USD/dry tonne							DCE iron ore futures traded sideways, the main contract closed 801 , remaining flat throughout the day.; Traders' enthusiasm for quoting prices remained weak, and steel mills restocked as needed. today's overall market transaction atmosphere in general. PBF at Shandong port dealt 795-800 yuan/mt; the same as yesterday. PBF at Tangshan port dealt 810-815 yuan/mt; the same as yesterday. According to the [SMM Weekly Maintenance Statistics], this week the impact of blast furnace maintenance on pig iron output was 1.0221 million mt, down 31,900 mt from the previous week. In the short term, pig iron output continues to show a slight upward trend and has reached a relatively high YoY level, providing some support for iron ore prices. However, recent heavy rains and high temperatures in many regions have weakened demand for finished steel. Coupled with a lack of positive news on the macro front, iron ore prices are expected to continue to fluctuate weakly in the short term. According to the SMM weekly maintenance statistics, from June 22 to June 28, the impact of blast furnace maintenance on pig iron output was 1.0221 million mt, down 31,900 mt from the previous week. In the short term, pig iron output continues to show a slight upward trend and has reached a relatively high YoY level, providing some support for iron ore prices. However, recent heavy rains and high temperatures in many regions have weakened steel demand. Coupled with a lack of positive news on the macro front, iron ore prices are expected to continue to fluctuate weakly in the short term.
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low ²	High ²	
IOSI62	62% Fe Fines	108.21	1.03	0.96%	116.42	116.42	99.20	146.75	
IOSI65	65% Fe Fines	122.64	0.08	0.07%	130.60	130.60	115.45	171.65	

IRON ORE PORT LUMP INDEX (IOPLI)

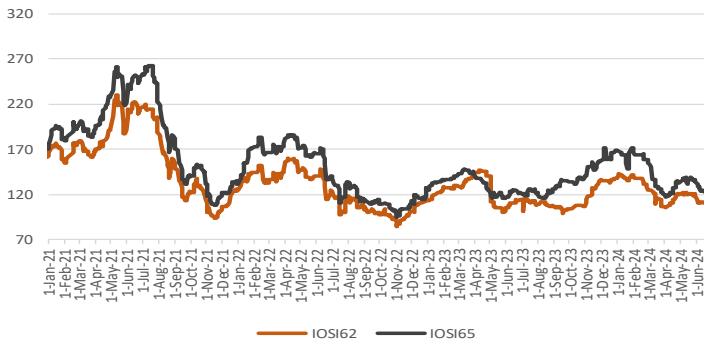
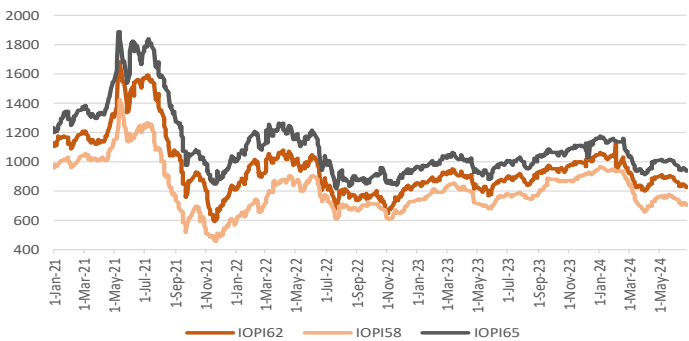
Week Ending Jun 21st, 2024		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne ³						
Index	Fe Content	Price	W-o-W	Change %	MTD	YTD	Low ²	High ²	Price	W-o-W	Change %	MTD	YTD	Low ²	High ²
IOPLI62	62.5% Fe Lump	1010	7	0.7%	994	1041	900	1210	127.20	0.85	0.67%	126.95	136.27	113.28	153.57

IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX

Week Ending Jun 21st, 2024				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	970	-1.3%	779	1645	136.30	-1.37%	110.31	255.69
Hebei	Qian'an	65% Fe Concentrate	Dry	1030	1.0%	780	1630	144.73	0.93%	110.51	251.57
Liaoning	Anshan	65% Fe Concentrate	Wet	830	0.0%	620	1310	116.62	-0.05%	87.40	202.32
Shandong	Zibo	65% Fe Concentrate	Dry	1028	1.0%	800	1752	144.45	0.93%	0.00	272.32
Week Ending Jun 21st, 2024				This week	Change %	Low ²	High ²	¹ Exchange rate applied: RMB/USD = 6.7522 ² Last 12 months ³ Weekly exchange rate applied: RMB/USD =6.87528			
China Mines Concentrate Composite Index RMB/WT				933.23	0.07%	706.36	1511.22				

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

Jun 25th, 2024		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne						
Index	Fe Content	February	March	April	May	MTD	QTD	YTD	February	March	April	May	MTD	QTD	YTD
IOPI62	62% Fe Fines	992	860	857	894	880	874	895	130.57	112.79	112.32	117.28	115.32	115.83	120.56
IOPI58	58% Fe Fines	908	752	711	762	785	779	781	120.39	99.14	93.48	100.47	103.33	103.96	105.35
IOPI65	65% Fe Fines	1108	972	969	1006	996	992	1026	146.16	127.92	127.43	132.42	131.20	131.91	139.19

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

FREIGHT RATES

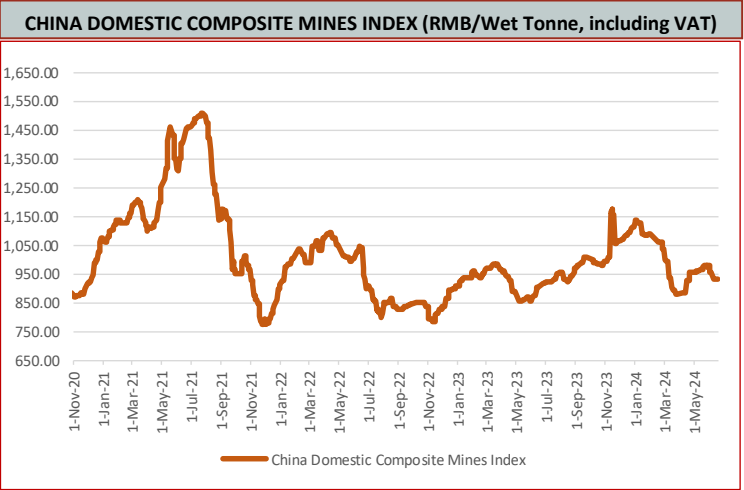
Jun 25th, 2024		CFR Qingdao, USD/dry tonne							Jun 24th, 2024		FREIGHT RATES - DRY BULK US\$/wet tonne				
Index	Fe Content	February	March	April	May	MTD	QTD	YTD	Route	Designation	Change	Change %	Low ²	High ²	
IOSI62	62% Fe Fines	134.03	116.50	112.78	120.10	112.14	115.18	116.42	W. Australia - Qingdao	C5	10.75	-0.35	-3.15%	3.57	16.77
IOSI65	65% Fe Fines	162.36	135.22	124.98	136.06	122.86	129.04	130.60	Tubarao - Qingdao	C3	27.29	-0.09	-0.31%	6.70	36.40

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

Week Ending Jun 21st, 2024		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne ¹						
Index	Fe Content	February	March	April	May	MTD	QTD	YTD	February	March	April	May	MTD	QTD	YTD
IOPLI62	62.5% Fe Lump	1093	982	997	1024	933	989	1017	138.12	123.87	125.79	129.18	119.96	126.47	134.98

IRON ORE INDEX PREMIUMS/DISCOUNTS

Jun 25th, 2024		PORT STOCK INDEX (RMB/WT)		Jun 25th, 2024		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	-123	-14.95%	IOSI65	65% Fe Fines	14.43	13.34%
IOPI65	65% Fe Fines	112	13.59%				

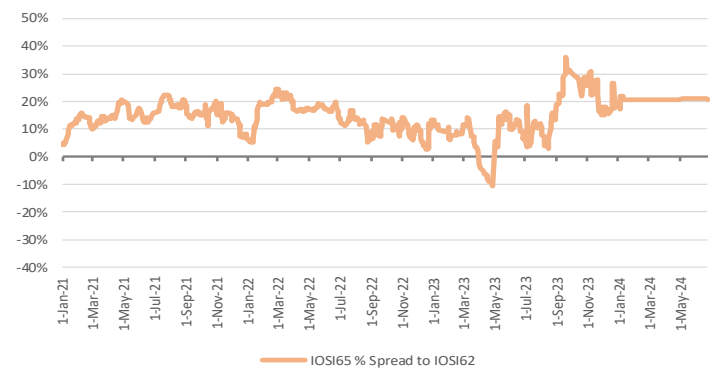
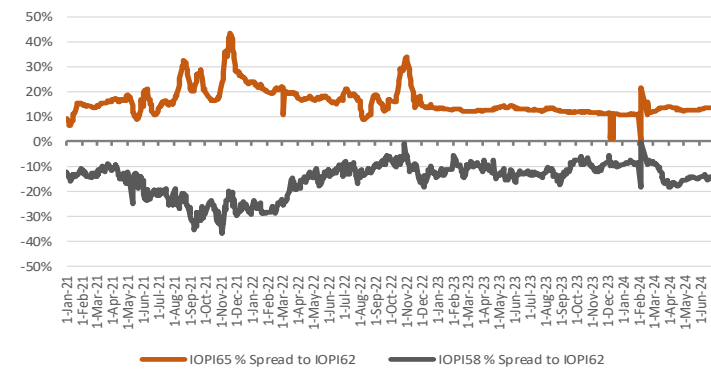


Jun 25th, 2024	PORT STOCK INDEX (RMB/WT)			Jun 25th, 2024	SEABORNE INDEX (USD/DMT)		
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62
Roy Hill	765	-7	-57	Roy Hill	103.71	1.03	-4.50
SIMEC Fines	693	-7	-129	SIMEC Fines	100.21	1.03	-8.00
PB Fines	791	-7	-31	PB Fines	104.46	1.03	-3.75
Newman Fines	790	-7	-32	Newman Fines	107.34	1.03	-0.88
MAC Fines	772	-7	-50	MAC Fines	104.46	1.03	-3.75
Jimblebar Blended Fines	686	-8	-136	Jimblebar Blended Fines	96.84	1.03	-11.38
Carajas Fines	1002	-7	180	Carajas Fines	137.76	1.03	29.55
Brazilian SSF	785	-7	-37	Brazilian SSF	111.96	1.03	3.75
Brazilian Blend Fines	804	-7	-18	Brazilian Blend Fines	113.59	1.03	5.38
RTX Fines	705	-7	-117	RTX Fines	98.09	1.03	-10.13
West Pilbara Fines	733	-7	-89	West Pilbara Fines	102.46	1.03	-5.75
Jun 25th, 2024	PORT STOCK INDEX (RMB/WT)						
	Price	Change	Diff to IOPI58				
SSF	699	-8	0				
FMG Blended Fines	708	-8	9				
Robe River	708	-9	9				
Western Fines	711	-8	12				
Atlas Fines	705	-8	6				
Yandi	692	-8	-7				

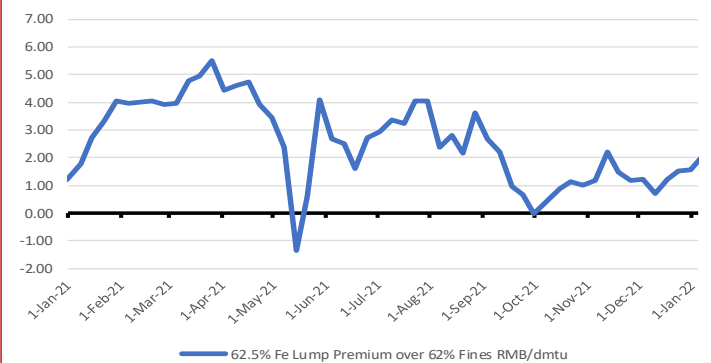
Port Stock Index Product Differentials (RMB/wet tonne)				Seaborne Index Product Differentials (USD/dry tonne)			
	Applicable range	Value	Change		Applicable range	Value	Change
1% Fe	High Grade Fe 60 - 63%	5.00	0.00	1% Fe	High Grade Fe 60 - 63%	0.25	0.00
	High Grade Fe 63 - 64%	40.00	0.00		High Grade Fe 63 - 64%	2.00	0.50
	High Grade Fe 64 - 65%	40.00	0.00		High Grade Fe 64 - 65%	2.00	0.50
	High Grade Fe 65 - 65.5%	40.00	0.00		High Grade Fe 65 - 65.5%	2.00	0.50
	Low Grade Fe	27.00	-3.00				
1% Alumina	High Fe Grade Al <2.25%	35.00	0.00	1% Alumina	High Fe Grade Al <2.25%	3.00	0.50
	High Fe Grade Al 2.25-4%	5.00	0.00		High Fe Grade Al 2.25-4%	2.50	0.00
	Low Fe Grade Al <2.25%	160.00	0.00				
	Low Fe Grade Al 2.25-4%	42.00	5.00				
1% Silica	High Fe Grade Si <4%	33.00	5.00	1% Silica	High Fe Grade Si <4%	1.00	-0.75
	High Fe Grade Si 4-6.5%	17.00	7.00		High Fe Grade Si 4 - 6.5%	1.00	-0.75
	Low Fe Grade	45.00	-5.00				
0.01% Phosphorus	High Fe Grade 0.09%<P<0.115%	5.00	0.00	0.01%	High Fe Grade 0.09%<P<0.115%	0.75	0.00
	High Fe Grade 0.115%<P<0.15%	5.00	0.00	Phosphorus	High Fe Grade 0.115%<P<0.15%	1.00	0.00
	Low Fe Grade 0.09<P<0.1%	14.00	4.00				

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	-30.00	0.00	Lianyungang	0.00	0.00	Shekou	0.00	0.00
Caofeidian	-15.00	0.00	Jingtang	-20.00	0.00	Majishan	0.00	0.00	Taicang	-30.00	0.00
Dalian	0.00	0.00	Lanqiao	0.00	0.00	Qingdao	0.00	0.00	Tianjin	-10.00	0.00

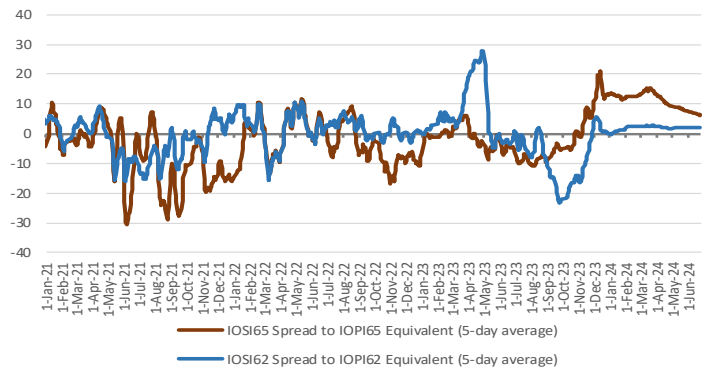
IRON ORE INDEX PREMIUMS/DISCOUNTS



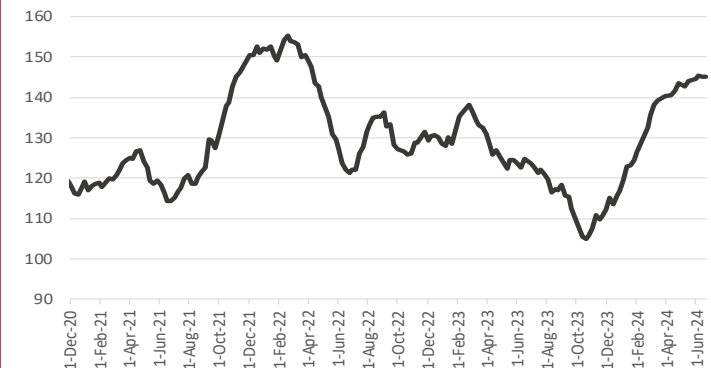
WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (RMB/DMTU)



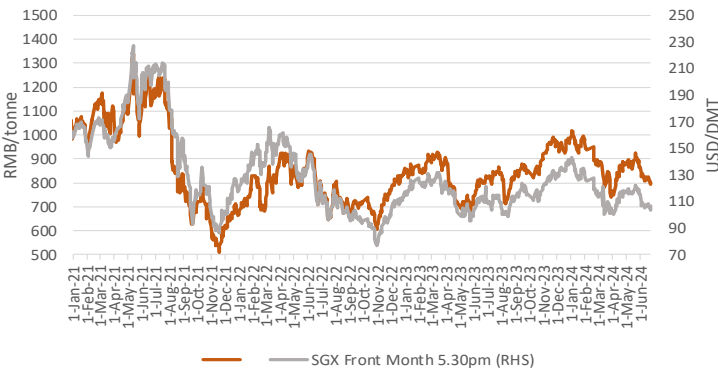
IRON ORE SEABORNE TO PORT STOCK PRICE SPREADS (USD/DMT)



TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES)



FUTURE TRADING—FRONT MONTH CLOSING PRICE



IRON ORE PORT INVENTORIES (MILLION TONNES)

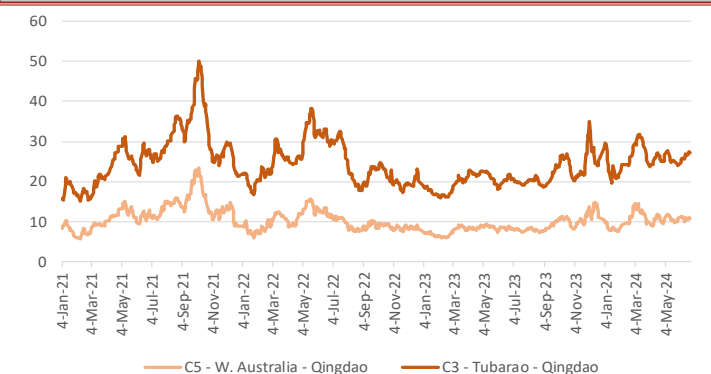
Week Ending Jun 21st, 2024

Province	This week	Change %	Low ²	High ²
Jingtang	16.98	1.37%	8.41	19.20
Qingdao	22.59	-0.44%	9.41	26.24
Caofeidian	17.00	1.01%	7.56	17.00
Tianjin	10.08	-0.88%	6.49	12.97
Rizhao	19.20	1.48%	9.44	19.26
Total (35 Ports)	145.10	-0.09%	98.80	155.39

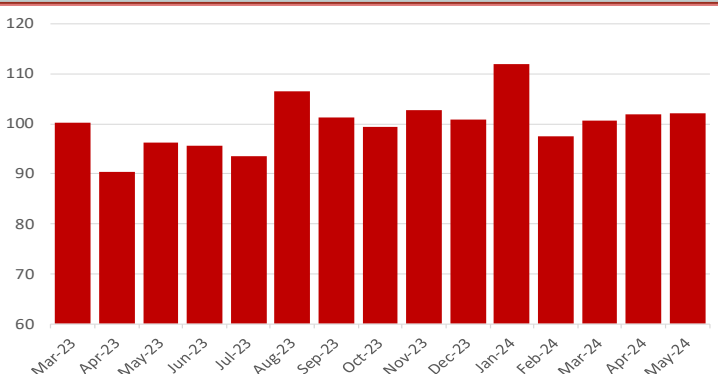
IRON ORE FUTURES CONTRACTS

Closing Date	DCE (RMB/WMT)			SGX (USD/DMT)		
	Jun 25th, 3pm close			Jun 25th, 5:30pm		
Contract	I2409	Change	Change %	July. 24	Change	Change %
Closing Price	801.00	5.50	0.69%	103.50	-3.10	-2.91%
Vol traded ('000 lots)	25.33	-5.55	-17.98%	6.43	-2.20	-25.51%
Open positions ('000 lots)	36.95	-0.95	-2.51%	29.24	-0.73	-2.42%
Day Low	791.0	-1.50	-0.19%	101.95	-0.20	-0.20%
Day High	807.0	-3.50	-0.43%	104.45	-0.70	-0.67%

DRY BULK FREIGHT RATES (USD/MT)



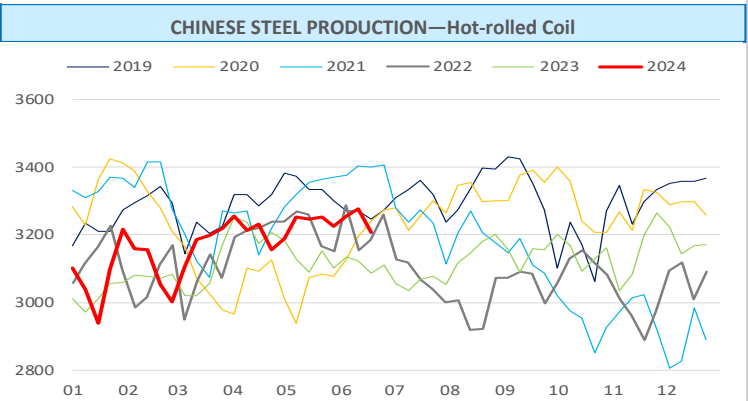
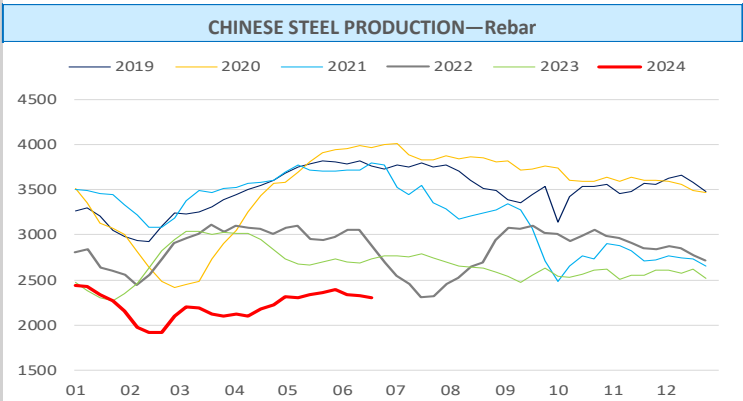
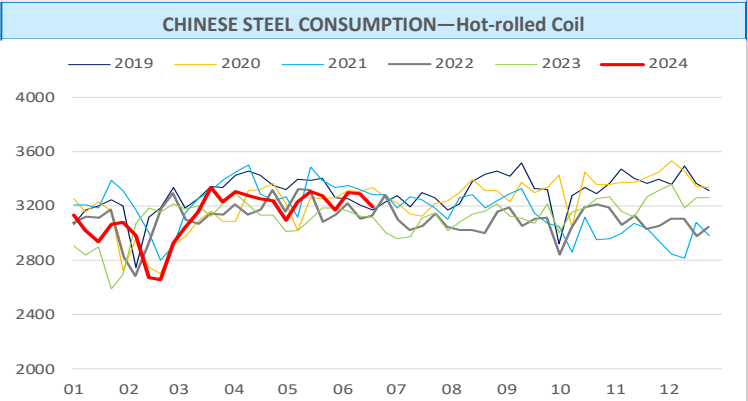
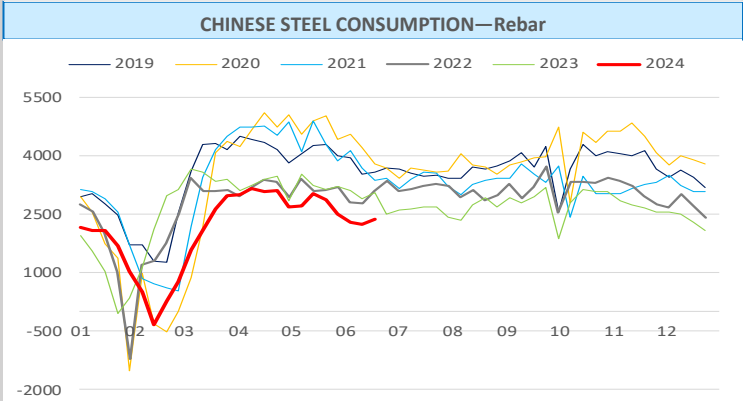
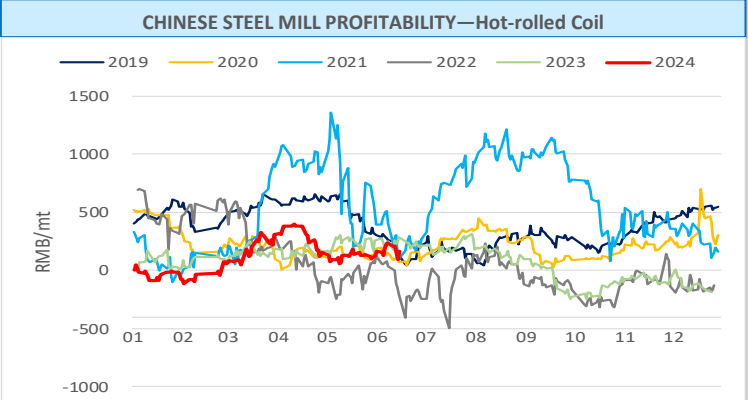
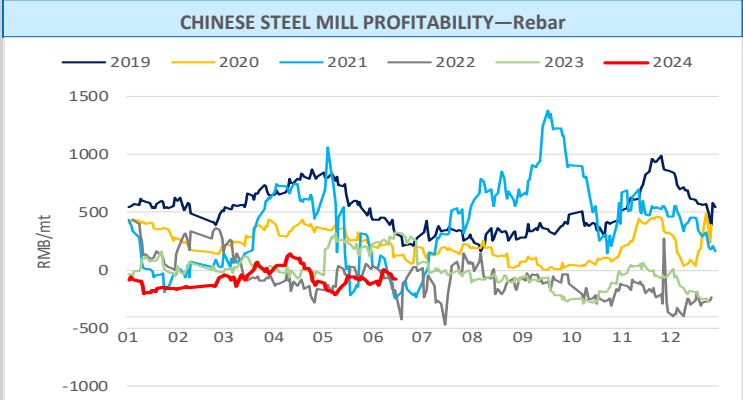
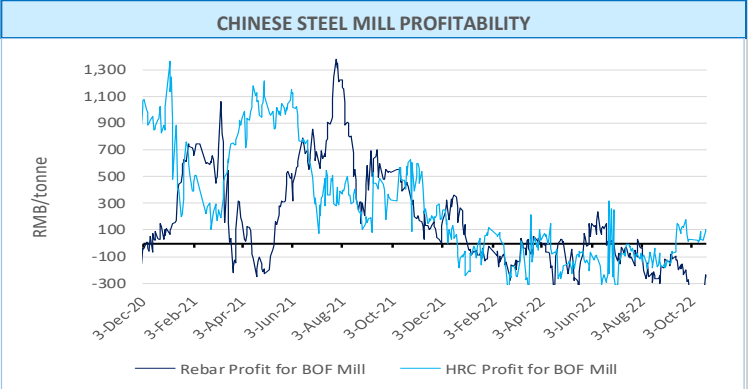
TOTAL CHINA IRON ORE IMPORT VOLUMES (MILLION TONNES)



STEEL SPOT MARKET PRICES—CHINA			
Steel Spot Market RMB/tonne			
Product	2024/6/21	Change	Change %
ReBar HRB400 ϕ18mm	3,540	-70	-1.94%
Wirerod Q300 ϕ6.5mm	3,860	-70	-1.78%
HRC Q235/SS400 5.5mm*1500*C	3,780	-20	-0.53%
CRC SPCC/ST12 1.0mm*1250*2500	4,200	-40	-0.94%
Medium & Heavy Plate Q235B 20mm	3,760	-40	-1.05%
GI ST02Z 1.0mm*1000*C	4,790	-30	-0.62%
Colour Coated Plate	6,500	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	110.70	-1	Mmi CFR Equivalent index for 1st Feb
Coke	2,175	0	2nd grade met coke, Tangshan, incl. tax
Steel Scrap	2,740	0	steel scrap (6mm) in Zhangjiagang, excl. tax
Billet Cost	2,949	27	Q234, incl. tax
Rebar cost - Blast furnace	3,558	31	calculated based on theoretical weight, incl. tax
Rebar profit - Blast furnace	-78	-81	based on Shanghai prices, incl. tax
Hot-rolled coil cost - Blast furnace	3,585	24	based on actual weight, incl. tax
Hot-rolled coil profit - Blast furnace	165	-74	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



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	

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					
Jun 25th, 2024	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%	4.30%	0.095%	8.00%
MAC Fines	60.43%	2.38%	4.64%	0.078%	7.57%	MAC Fines	60.80%	2.35%	4.40%	0.075%	7.80%
Jimblebar Blended Fines	60.87%	2.95%	4.53%	0.111%	7.32%	Jimblebar Blended Fines	60.50%	3.10%	4.80%	0.120%	7.80%
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%
Jun 25th, 2024	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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