Metals Market Index MMi

MMi Dashboard

Iron Ore Price Indices

Iron Ore Port Stock (FOT Qingdao) IOPI62 62% Fe Fines RMB/t
783
4 0.48%
Oct 22nd, 2025

Iron Ore Port Stock (FOT Qingdao) IOPI65 65% Fe Fines RMB/t
894
3.26 0.37%
Oct 22nd, 2025

Iron Port Stock (FOT Qingdao) IOPI58 58% Fe Fines RMB/t
722
2 0.29%
Oct 22nd, 2025

Iron Ore Seaborne (CFR Qingdao) IOSI62 62% Fe Fines USD/dmt
106.72
0.17 0.16%
Oct 22nd, 2025

Iron Ore Seaborne (CFR Qingdao) IOSI65 65% Fe Fines USD/dmt
122.18
0.13 0.11%
Oct 22nd, 2025

Iron Ore Port Stock (FOT Qingdao) IOPLI 62.5% Fe Lump RMB/t
905
-15 -1.63%
Week Ending Oct 17th, 2025

Exchange Traded Contracts

DCE Iron Ore 62% Fines I2601 (January) RMB/t (3pm close)
774.00
4.50 0.58%
Oct 22nd, 2025 (3pm close)

SGX Iron Ore (CFR Qingdao) 62% Fe Fines November 25 USD/dmt
104.15
0.55 0.53%
Oct 22nd, 2025 (5.30 pm Print)

SHFE Rebar RB2601 (Jan) RMB/t
3068
21 0.69%
Oct 22nd, 2025 (3pm close)

Freight Rates

C3, Tubarao - Qingdao USD/t
24.54
0.12 0.5%
Oct 21st, 2025

C5, W. Australia - Qingdao USD/t
10.62
0.12 1.2%
Oct 21st, 2025

Steel Price

Steel Rebar (China Domestic) RMB/t
3056
-48 -1.55%
Week Ending Oct 17th, 2025

Inventory Levels

Iron Ore Inventory at Chinese Ports (35) million tonnes
129.31
-0.85 -0.65%
Week Ending Oct 17th, 2025

Steel Inventory in China million tonnes
11.50
-0.03 -0.23%
Week Ending Oct 17th, 2025

Steel Price

Steel HRC (China Domestic) RMB/t
3263
-86 -2.56%
Week Ending Oct 17th, 2025

IRON ORE PORT STOCK INDEX (IOPI)

Oct 22nd, 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	4	0.5%	783	834	683	1063	102.32	0.48	0.5%	101.37	108.58	89.33	140.24
IOPI58	58% Fe Fines	722	2	0.3%	685	730	610	963	95.13	0.25	0.3%	89.23	95.62	80.25	128.13
IOPI65	65% Fe Fines	894	3	0.4%	895	945	794	1175	117.47	0.79	0.7%	116.38	123.63	104.47	155.37

IRON ORE SEABORNE INDEX (IOSI)

Oct 22nd, 2025		CFR Qingdao, USD/dry tonne						
Index	Fe Content	Price	Change	Change %	MTD	YTD	Low [2]	High [2]
IOSI62	62% Fe Fines	106.72	0.17	0.16%	102.83	109.86	89.79	142.65
IOSI65	65% Fe Fines	122.18	0.13	0.11%	113.45	124.17	98.23	171.65

MARKET COMMENTARY

On October 22, the closing price of the DCE I2601 contract was 774 yuan/mt, up 0.65% from the previous trading day. Mainstream spot cargo at ports rose by 2–3 yuan from the previous working day, with transaction prices for PB fines in the Shandong region at 777–783 yuan, up 5 yuan/mt from yesterday; transaction prices for PB fines in the Hebei region were 790–793 yuan, up 2–3 yuan from the previous day. Inquiries were made today, but spot transactions were limited, with traders showing moderate enthusiasm in offering prices and mainly selling at suitable prices.

Fundamentally, steel mill profits continued to narrow, while the blast furnace operating rate improved slightly, providing weak support for iron ore demand. In terms of supply, port unloading efficiency rebounded, and supply is expected to increase in the near term. Overall, fundamental support weakened again. On the news front, the US Fed Watch raised expectations for a US Fed interest rate cut to 98.9%, boosting market sentiment. Combined with positive market expectations for subsequent meetings, iron ore prices are expected to hold up well.

IRON ORE PORT LUMP INDEX (IOPLI)

Week Ending Oct 17th, 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	905	-15	-1.6%	903	968	820	1210	113.88	-1.81	-1.56%	112.62	121.37	102.77	153.57

IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX

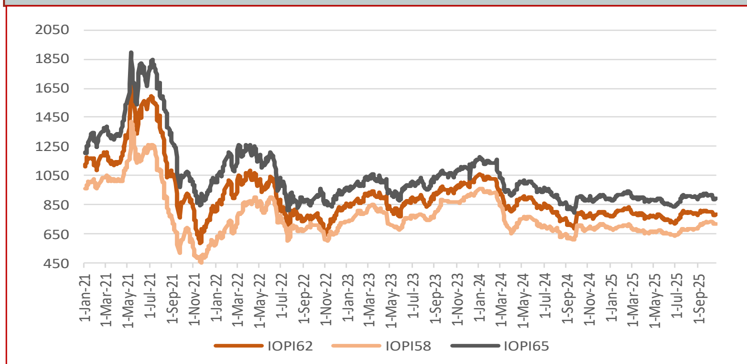
Week Ending Oct 17th, 2025				RMB/tonne (excluding tax) [3]				USD/tonne (excluding tax) [3]			
Province	Region	Product	Basis	This week	Change %	Low [2]	High [2]	This week	Change %	Low [2]	High [2]
Hebei	Hanxing	66% Fe Concentrate	Dry	946	1.0%	859	1226	133.26	1.08%	119.88	172.59
Hebei	Qian'an	65% Fe Concentrate	Dry	1025	1.5%	880	1300	144.39	1.61%	122.81	183.23
Liaoning	Anshan	65% Fe Concentrate	Wet	755	0.0%	690	970	106.36	0.12%	96.49	136.72
Shandong	Zibo	65% Fe Concentrate	Dry	976	1.0%	878	1294	137.49	1.16%	122.53	182.16

Week Ending Oct 17th, 2025	This week	Change %	Low [2]	High [2]
China Mines Concentrate Composite Index RMB/WT	894.33	0.26%	802.20	905.40

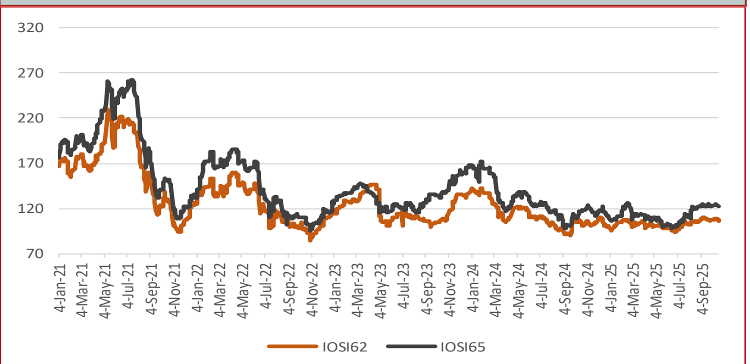
[1] Exchange rate applied: RMB/USD = 7.191 [2]Last 12 months

[3] Weekly exchange rate applied: RMB/USD =7.19253

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

Oct 22nd, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne						
Index	Fe Content	June	July	August	September	MTD	QTD	YTD	June	July	August	September	MTD	QTD	YTD
IOPI62	62% Fe Fines	738	772	795	801	783	777	834	95.15	100.15	103.51	104.69	101.37	100.71	108.58
IOPI58	58% Fe Fines	650	664	683	716	685	680	730	84.27	86.58	89.38	94.18	89.23	88.58	95.62
IOPI65	65% Fe Fines	850	884	907	914	895	889	945	110.12	115.17	118.58	119.85	116.38	115.74	123.63

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

Oct 22nd, 2025		CFR Qingdao, USD/dry tonne						
Index	Fe Content	June	July	August	September	MTD	QTD	YTD
IOSI62	62% Fe Fines	96.53	100.49	104.59	107.88	102.83	102.04	109.86
IOSI65	65% Fe Fines	100.81	106.81	118.01	122.98	113.45	112.68	124.17

FREIGHT RATES

Oct 21st, 2025		FREIGHT RATES - DRY BULK US$/wet tonne				
Route	Designation		Change	Change %	Low [2]	High [2]
W. Australia - Qingdao	C5	10.62	0.12	1.2%	5.92	14.89
Tubarao - Qingdao	C3	24.54	0.12	0.5%	16.08	35.02

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

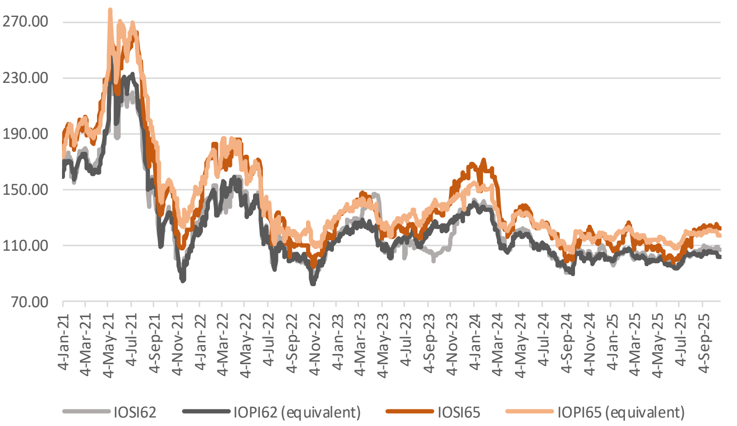
Week Ending Oct 17th, 2025		FOT Qingdao (inc. 13% VAT), RMB/wet tonne							CFR Qingdao Equivalent (exc. 13% VAT), USD/dry tonne [1]						
Index	Fe Content	June	July	August	September	MTD	QTD	YTD	June	July	August	September	MTD	QTD	YTD
IOPLI62	62.5% Fe Lump	865	907	921	926	903	897	968	107.50	113.27	115.37	116.51	112.62	112.02	121.37

IRON ORE INDEX PREMIUMS/DISCOUNTS

Oct 22nd, 2025		PORT STOCK INDEX (RMB/WT)	
Index	Fe Content	Spread to IOPI62	% Spread to IOPI62
IOPI58	58% Fe Fines	-61	-7.76%
IOPI65	65% Fe Fines	112	14.27%

Oct 22nd, 2025		SEABORNE INDEX (USD/DMT)	
Index	Fe Content	Spread to IOSI62	% Spread to IOSI62
IOSI65	65% Fe Fines	15.46	14.48%

IRON ORE INDEX COMPARISONS (USD/DMT)



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

IRON ORE BRAND SPOT PRICE ASSESMENTS

Oct 22nd, 2025	PORT STOCK INDEX (RMB/WT)		
	Price	Change	Diff to IOPI62
Roy Hill	726	4	-57
SIMEC Fines	653	4	-130
PB Fines	752	4	-31
Newman Fines	751	4	-32
MAC Fines	732	4	-50
Jimblebar Blended Fines	647	4	-136
Carajas Fines	963	4	180
Brazilian SSF	745	4	-38
Brazilian Blend Fines	765	4	-17
RTX Fines	665	4	-117
West Pilbara Fines	695	4	-88

Oct 22nd, 2025	SEABORNE INDEX (USD/DMT)		
	Price	Change	Diff to IOSI62
Roy Hill	102.40	0.00	-4.32
SIMEC Fines	98.90	0.00	-7.82
PB Fines	103.15	0.00	-3.57
Newman Fines	106.03	0.03	-0.69
MAC Fines	103.15	0.00	-3.57
Jimblebar Blended Fines	95.50	0.00	-11.22
Carajas Fines	136.45	0.00	29.73
Brazilian SSF	110.65	0.00	3.93
Brazilian Blend Fines	112.30	0.05	5.58
RTX Fines	96.80	0.00	-9.92
West Pilbara Fines	101.15	0.00	-5.57

Oct 22nd, 2025	PORT STOCK INDEX (RMB/WT)		
	Price	Change	Diff to IOPI58
SSF	722	2	0
FMG Blended Fines	731	2	9
Robe River	732	2	10
Western Fines	734	2	12
Atlas Fines	729	2	7
Yandi	715	2	-7

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%	5.00	0.00
	High Grade Fe 64 - 65%	5.00	0.00
	High Grade Fe 65 - 65.5%	5.00	0.00
	Low Grade Fe	6.00	0.00
1% Alumina	High Fe Grade Al <2.25%	5.00	0.00
	High Fe Grade Al 2.25-4%	110.00	0.00
	Low Fe Grade Al <2.25%	51.00	1.00
	Low Fe Grade Al 2.25-4%	12.00	7.00
1% Silica	High Fe Grade Si <4%	10.00	0.00
	High Fe Grade Si 4-6.5%	100.00	0.00
	Low Fe Grade	26.00	-3.00
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

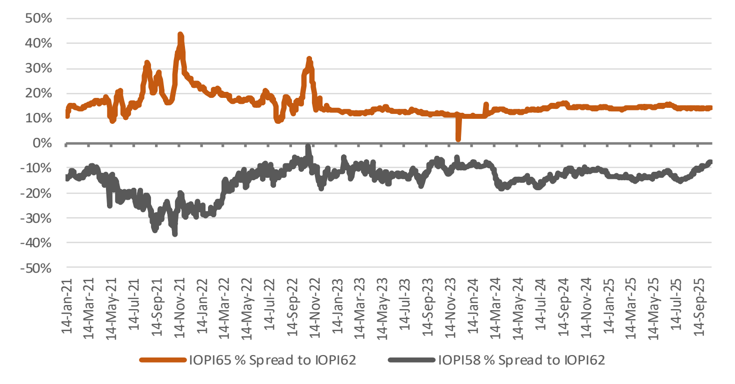
Seaborne Index Product Differentials (USD/dry tonne)

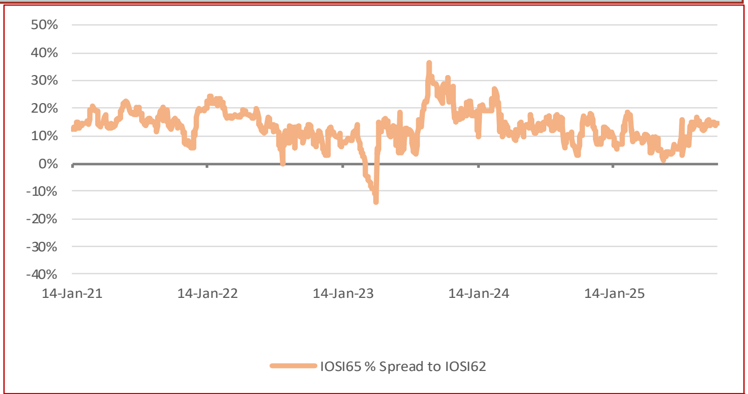
	Applicable range	Value	Change
1% Fe	High Grade Fe 60 - 63%	1.00	0.00
	High Grade Fe 63 - 64%	5.00	0.00
	High Grade Fe 64 - 65%	5.00	0.00
	High Grade Fe 65 - 65.5%	5.00	0.00
1% Alumina	High Fe Grade Al <2.25%	5.25	0.00
	High Fe Grade Al 2.25-4%	5.00	0.00
1% Silica	High Fe Grade Si <4%	2.25	0.00
	High Fe Grade Si 4 - 6.5%	1.75	0.00
0.01% Phosphorus	High Fe Grade 0.09%<P<0.115%	1.00	0.00
	High Fe Grade 0.115%<P<0.15%	2.50	0.00

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

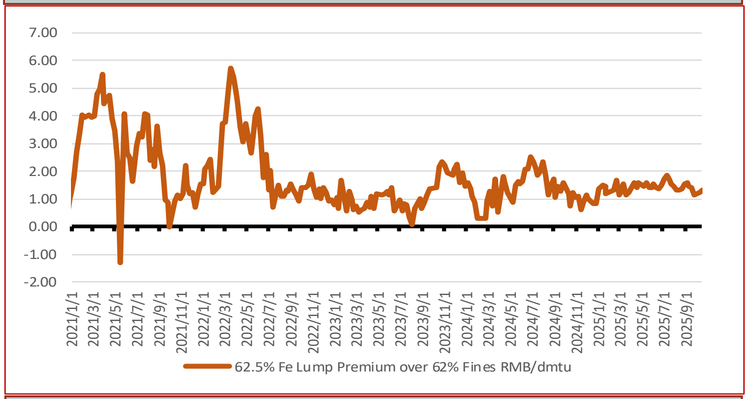
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
Bayuquan	-50.00	0.00	Fangcheng	-25.00	0.00	Lanshan	0.00	0.00	Rizhao	0.00	0.00
Beilun	0.00	0.00	Jiangyin	-20.00	0.00	Lianyungang	-5.00	0.00	Shekou	0.00	0.00
Caofeidian	-5.00	0.00	Jingtang	-10.00	0.00	Majishan	0.00	0.00	Taicang	-20.00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

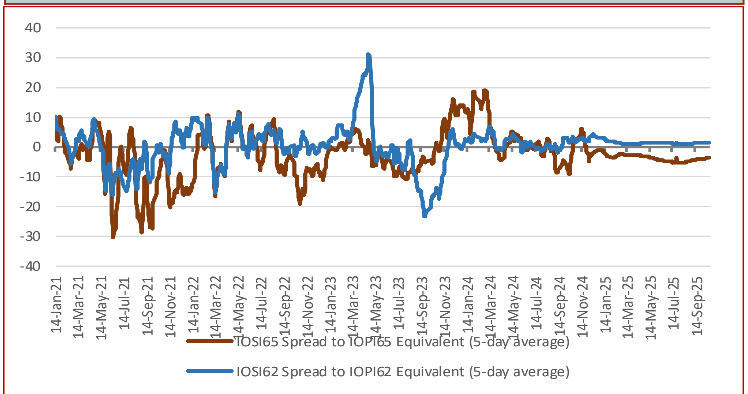




WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (RMB/DMTU)



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)

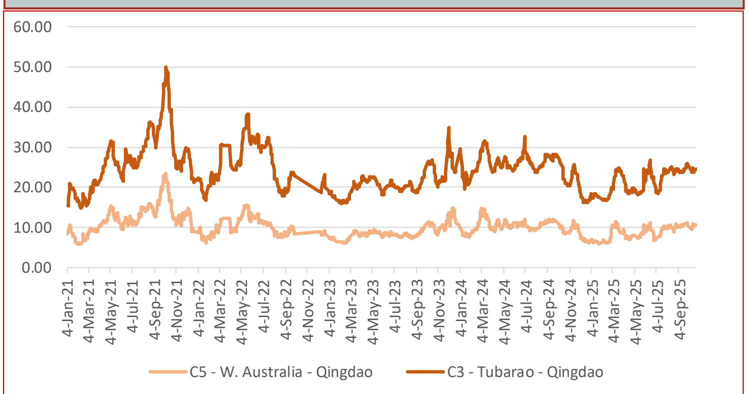
Week Ending Oct 17th, 2025

Province	This week	Change %	Low [2]	High [2]
Jingtang	12.61	-2.17%	8.29	17.20
Qingdao	28.94	0.14%	22.28	29.37
Caofeidian	12.60	-5.26%	7.56	20.28
Tianjin	9.92	6.44%	6.64	12.36
Rizhao	12.88	1.42%	11.52	21.35
Total (35 Ports)	129.31	-0.65%	105.01	150.72

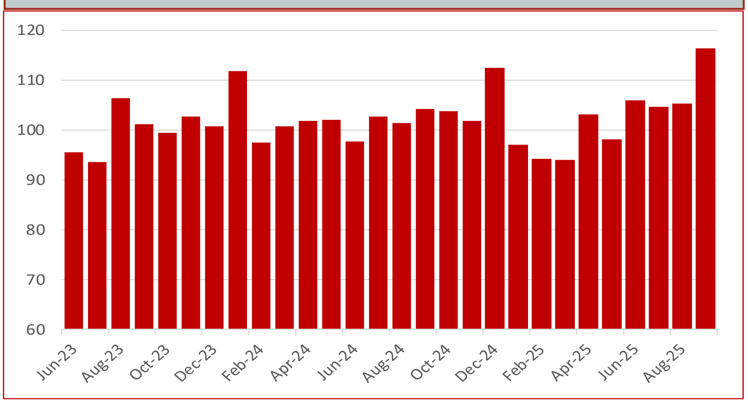
IRON ORE FUTURES CONTRACTS

	DCE (RMB/WMT)			SGX (USD/DMT)		
Closing Date	Oct 22nd, 3pm close			Oct 22nd, 5:30pm		
Contract	I2601	Change	Change %	Nov. 25	Change	Change %
Closing Price	774.00	4.50	0.58%	104.15	0.55	0.53%
Vol traded ('000 lots)	20.81	-9.35	-31.00%	6.12	-1.24	-16.84%
Open positions ('000 lots)	55.82	-0.46	-0.81%	55.61	-0.40	-0.71%
Day Low	771.0	11.00	1.45%	103.75	0.90	0.88%
Day High	777.5	1.00	0.13%	104.55	-0.20	-0.19%

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	2025/10/17	Change	Change %
ReBar HRB400 ϕ18mm	3,056	-48	-1.55%
Wirerod Q300 ϕ6.5mm	3,241	-55	-1.67%
HRC Q235/SS400 5.5mm*1500*C	3,263	-86	-2.56%
CRC SPCC/ST12 1.0mm*1250*2500	3,843	-44	-1.13%
Medium & Heavy Plate Q235B 20mm	3,430	-50	-1.44%
GI ST02Z 1.0mm*1000*C	4,240	0	0.00%
Colour Coated Plate	6,550	0	0.00%

CHINESE STEEL MILL PROFITABILITY

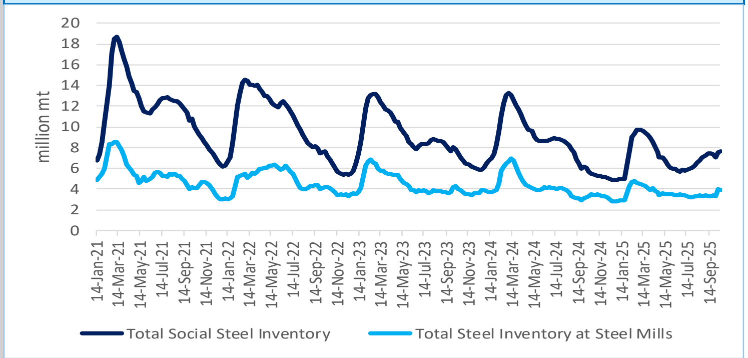
SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)

Category	Price	Change (WoW)	Note
MMi (Fe 62%), USD/mt exluding tax	105.20	0.00	Mmi CFR Equivalent index for 1st Feb
Coke	1,660	0	2nd grade met coke, Tangshan, incl. tax
Steel Scrap	2,460	0	steel scrap (6mm) in Zhangjiagang, exl. tax
Billet Cost	2,544	-33	Q234, incl. tax
Rebar cost - Blast furnace	3,101	-38	calculated based on theoretical weight, incl. tax
Rebar profit - Blast furnace	-1	-22	based on Shanghai prices, incl. tax
Hot-rolled coil cost - Blast furnace	3,184	-37	based on actual weight, incl. tax
Hot-rolled coil proft - Blast furnace	86	-63	based on Shanghai prices, incl. tax

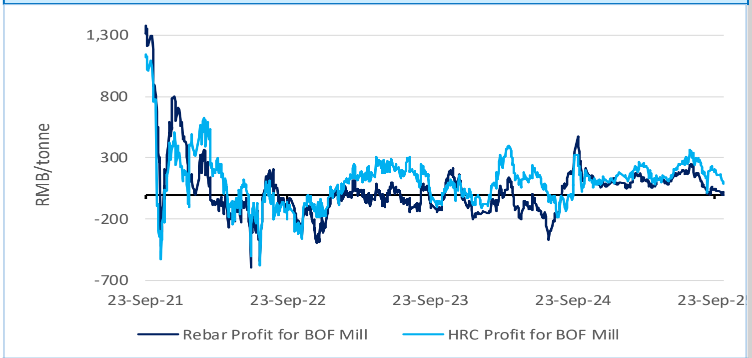
Note: 1. Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fe

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

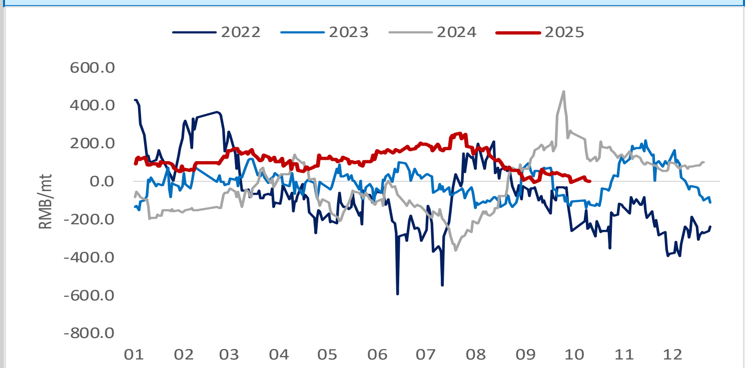
CHINESE STEEL INVENTORIES



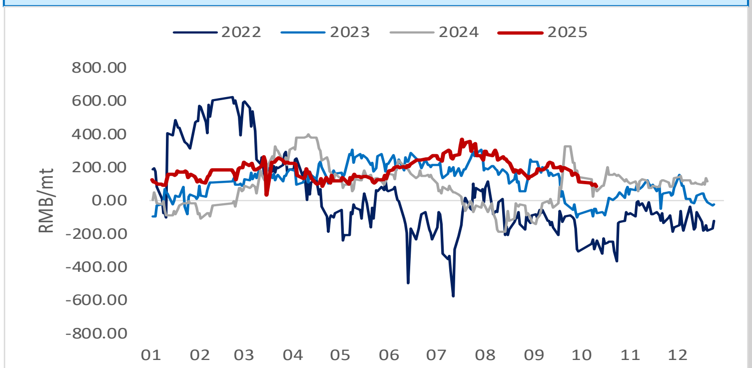
CHINESE STEEL MILL PROFITABILITY



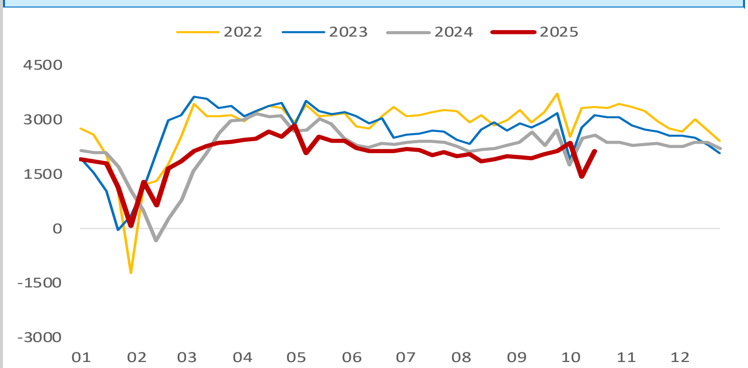
CHINESE STEEL MILL PROFITABILITY—Rebar



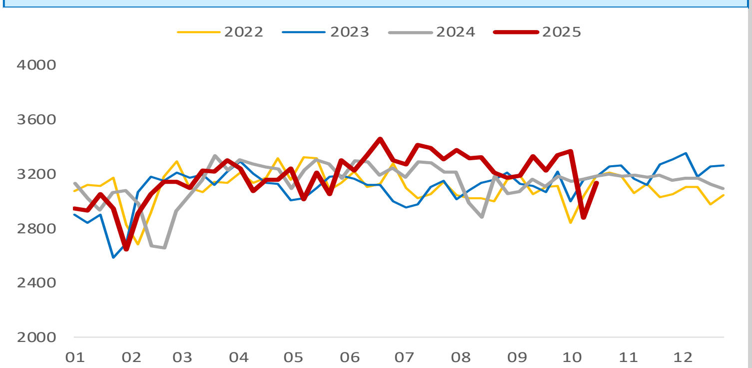
CHINESE STEEL MILL PROFITABILITY—Hot-rolled Coil



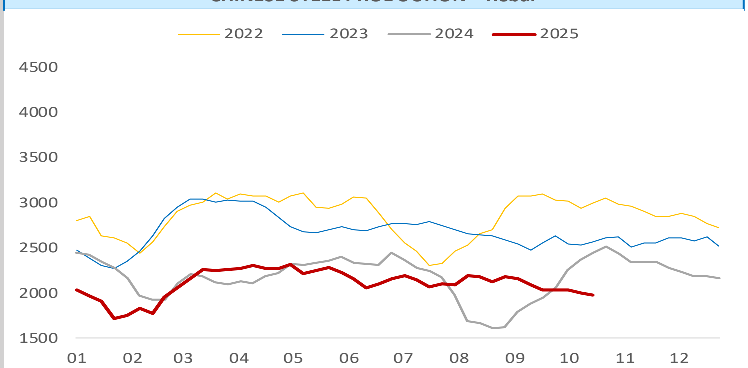
CHINESE STEEL CONSUMPTION—Rebar



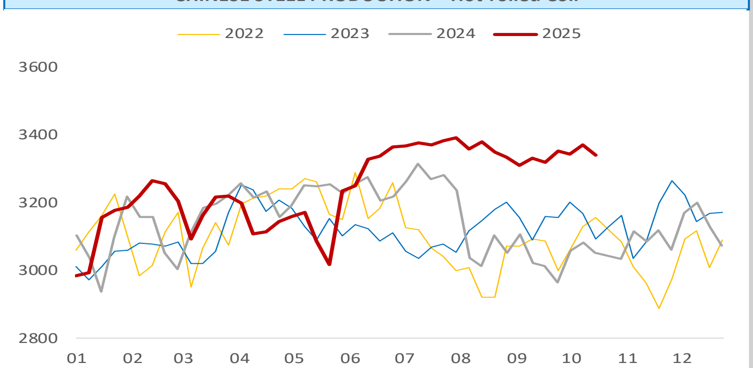
CHINESE STEEL CONSUMPTION—Hot-rolled Coil



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

Oct 22nd, 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%

Oct 22nd, 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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