

## Basic Materials - China

## Coal price gain on tight supply; more resumption after Lantern festival

Industry Overview

**Coal: Price up amid temporary supply deficit**

The QHD 5,500kcal price was up 2.6% WoW at RMB933/t amid shorty-term supply shortage as most coal mine would only resume production after Lantern Festival. NEWC 6,000K price was up 0.1% WoW at US\$119.40/t, at 5.8% of premium vs QHD price. The Liulin No.4 HCC price was down 2% WoW to RMB2,430/t. As of Feb 20, the water inflow of Three Gorges Reservoir was 4,800 cm/s, 7% lower than 2005-23 avg. of 5,142 cm/s, while storage was 29.5 bn cm, 10% lower than 2005-23 avg. of 32.7 bn cm.

**Cement: Price recovery led by Guangdong price hike**

The average national cement price was down by 0.51% to RMB352/t as of 23 Feb. Cement prices in Guangdong by RMB20-30/t. Due to ongoing construction suspension and bad weather condition, cement demand remained at bottom level. In order to avoid further loss and boost market confidence, producers in Guangxi, Guangdong and Fujian started to raise prices.

**Steel: Price down under weak market**

The rebar price was down 0.9% WoW to RMB3,978/t and HRC was down 2.0% WoW to RMB4,062/t. Iron ore prices -6.9% WoW to US\$120.6/t. Spot rebar cash margin +RMB134/t to -RMB214/t, and spot HRC cash margin +RMB113/t to -RMB388/t. Weekly rebar/HRC production was -0.1%/-3.1% and apparent consumption +134.2%/-0.1% WoW. Mill inventory +5.6% WoW, while social inventory +11.2% WoW. During the first week after CNY holiday, downstream demand remained sluggish as most construction will resume after Lantern festival. Both social & mill inventory continued to ramp up.

**Metals: Copper price up; metal inventory jumped**

LME aluminum price was -0.9% WoW to US\$2,198/t, while SHFE -0.6% WoW to RMB18,780/t. Domestic Al ingot inventory was up 43.6% WoW to 708kt. LME copper price +1.1% WoW at US\$8,585/t, SHFE was +2.12% WoW to RMB69,390/t. According to Baiinfo, 1.5mt of capacity was expected to resume and 1.25mt of new capacity was expected to launch in 2024. The Comex gold price up 0.29% WoW at US\$2,020/oz. Battery grade lithium carbonate price was down 0.8% WoW to RMB96.3k/t and battery grade lithium hydroxide price was down 0.1% WoW to RMB85.1k/t.

**Paper: Flattish price after holiday**

Paper price was flattish WoW at RMB3,839/t as of 21 Feb. According to UMPaper, market transaction was gradually recovering, and shipment remained stable during the first week after CNY.

**Glass: Price inched higher under resumption expectation**

National float glass price was up WoW during the first week after CNY holiday. According to SC199, demand recovery was slow as majority of downstream resumption was expected to take place after Lantern Festival.

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China  
Basic Materials

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**Refer to important disclosures on page 21 to 22.**

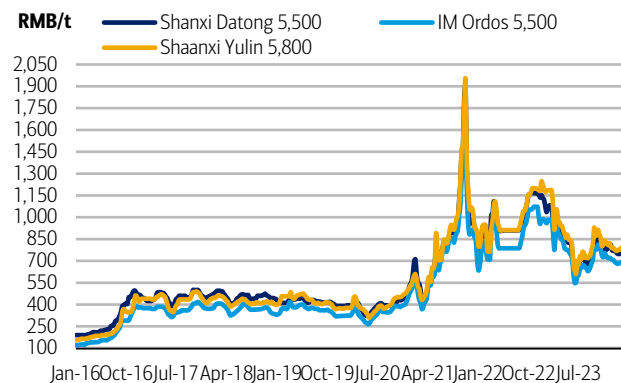
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Timestamp: 25 February 2024 01:43PM EST

# Key charts

## Exhibit 1: ASP at coal mine pits since 2016

Thermal coal prices at mine pits changed by +2%/+2%/+2.7% WoW to RMB765/696/798 in Shanxi (Kcal5.5k), Inner Mongolia (Kcal5.5k) and Shaanxi (Kcal5.8k)

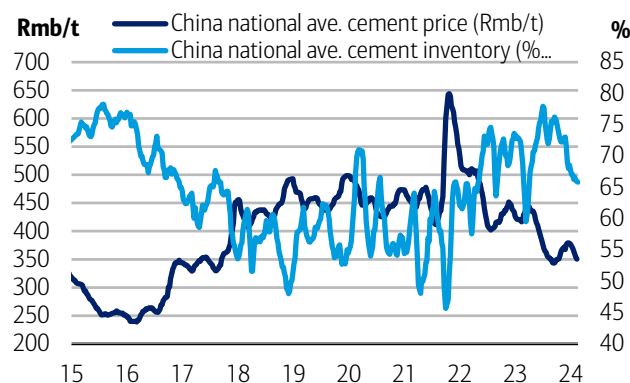


Source: Sxcoal, BofA Global Research

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## Exhibit 3: China national average cement price and inventory level

Price weas up WoW while inventory was down WoW

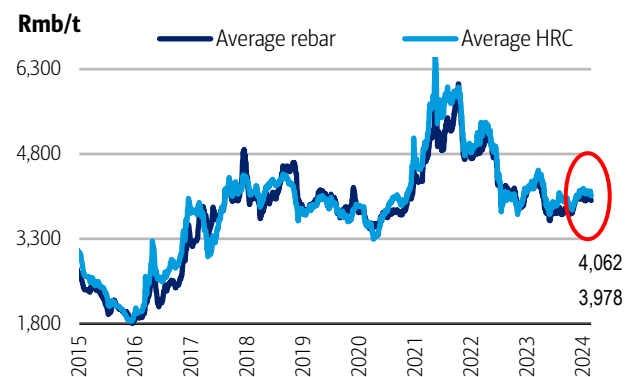


Source: Digital Cement, Company data, BofA Global Research

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## Exhibit 5: China domestic steel prices at key cities

Chinese steel prices at key cities -0.9%/-2.0% WoW for rebar/HRC

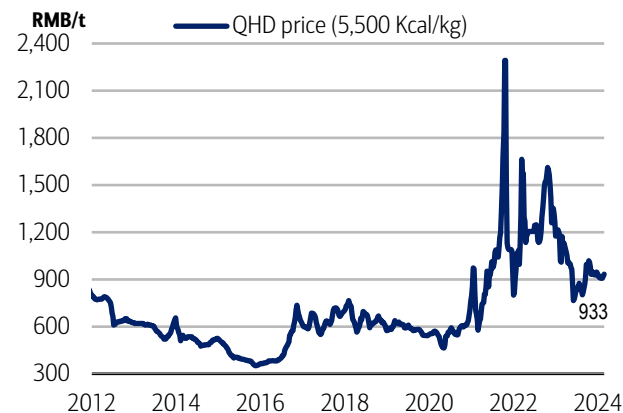


Source: Bloomberg, Wind, Sxcoal, BofA Global Research

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## Exhibit 2: ASP at Qinhuangdao port (Kcal5,500)

ASP of QHD 5,500kcal spot price up 2.6% WoW to RMB933t as of 23 Feb

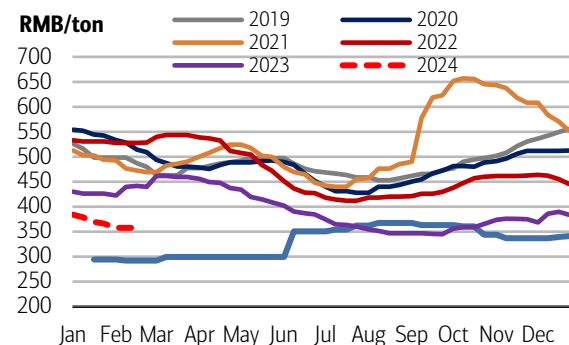


Source: Sxcoal, BofA Global Research

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## Exhibit 4: East China average cement price

East China cement prices were flattish WoW

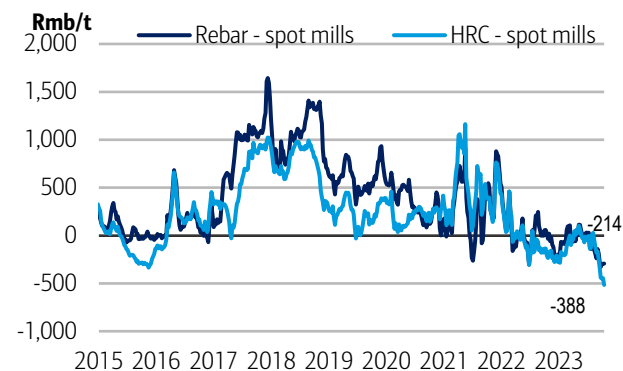


Source: Digital Cement, Company data, BofA Global Research

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## Exhibit 6: Spot cash margins at steel mills

Spot rebar cash margin +RMB134/t to -RMB214/t, and spot HRC cash margin +RMB113/t to -RMB388/t

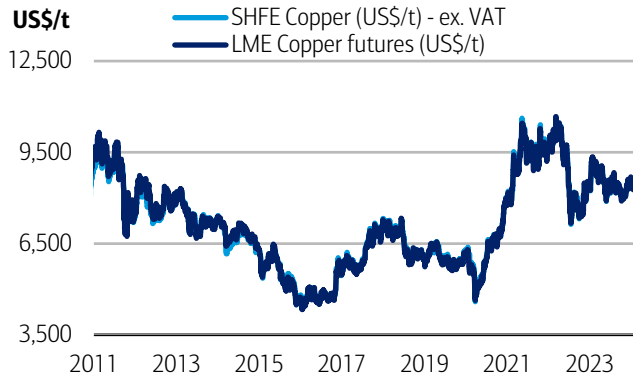


Source: Wind, BofA Global Research

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**Exhibit 7: Price comparison in LME & SHFE copper**

LME copper price up by 1.1% WoW to US\$8,585/t during the week ended 23 Feb, while SHFE +2.12% WoW to RMB69,360/t. SHFE is at a premium of 1.6% to LME price

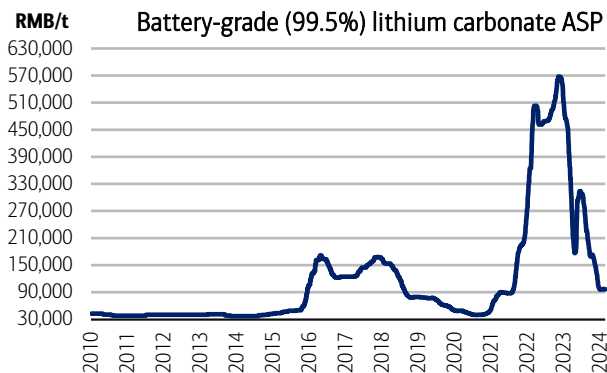


Source: Bloomberg, BofA Global Research

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**Exhibit 9: Domestic battery-grade lithium carbonate ASP**

Average price of domestic battery-grade lithium carbonate (99.5%) was down 0.8% WoW at RMB96.3k/t

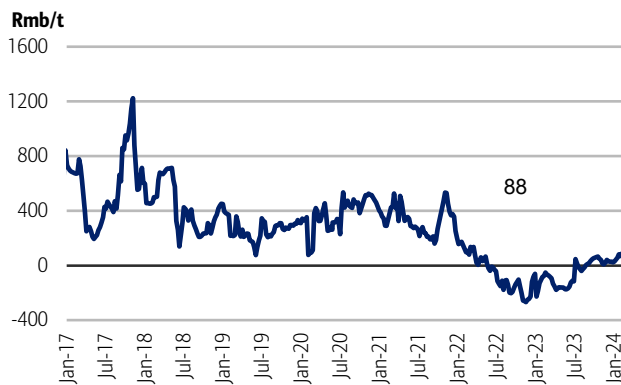


Source: SMM, BofA Global Research

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**Exhibit 11: Containerboard margin tracker**

The Nine Dragons margin tracker is now indicating NP/t of RMB88/t for this week, up 0.5% WoW.

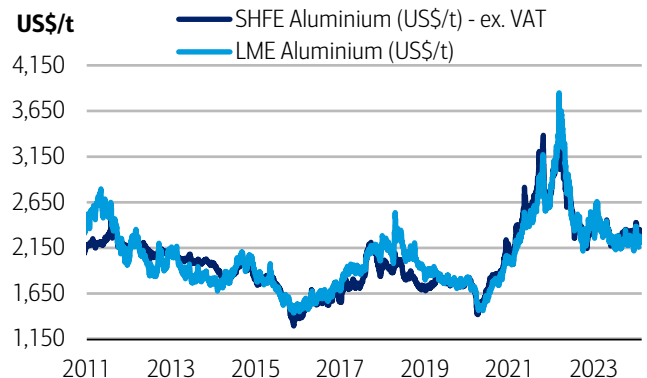


Source: BofA Global Research

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**Exhibit 8: Price comparison in LME & SHFE aluminum**

LME aluminum price -0.9% WoW to US\$2,198/t during the week ended 23 Feb, while SHFE down 0.6% WoW to RMB18,780/t

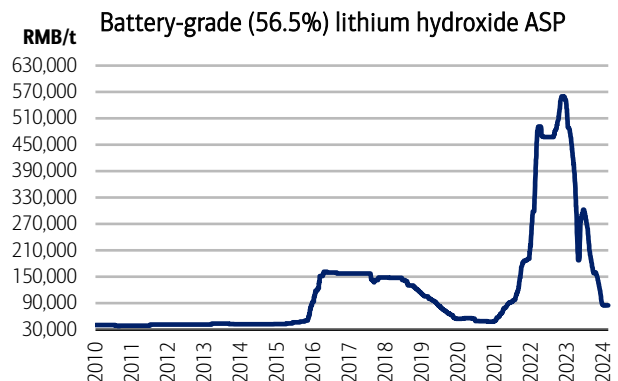


Source: Bloomberg, BofA Global Research

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**Exhibit 10: Domestic battery-grade lithium hydroxide ASP**

Average price of domestic battery-grade lithium hydroxide down by 0.1% WoW to RMB85.1k/t

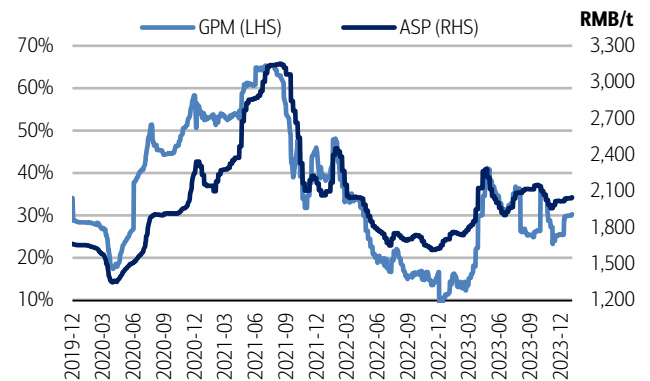


Source: SMM, BofA Global Research

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**Exhibit 12: National Float Glass Price and Xinyi float glass GPM**

As of 22 Feb, the national average float glass price was up 0.7% WoW to RMB2,066/t. Our analysis shows Xinyi float glass GPM was up 1.5% WoW at 31.7%



Source: Wind, BofA Global Research, SC199

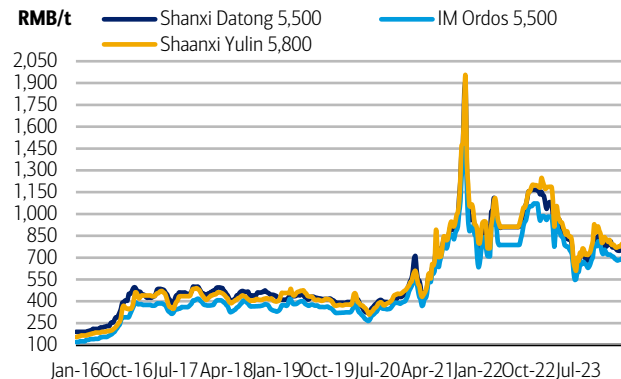
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# Coal: Price up amid temporary supply deficit

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## Exhibit 13: ASP at coal mine pits

Thermal coal prices at mine pits changed by +2%/+2%/+2.7% WoW to RMB765/696/798 in Shanxi (Kcal5.5k), Inner Mongolia (Kcal5.5k) and Shaanxi (Kcal5.8k)

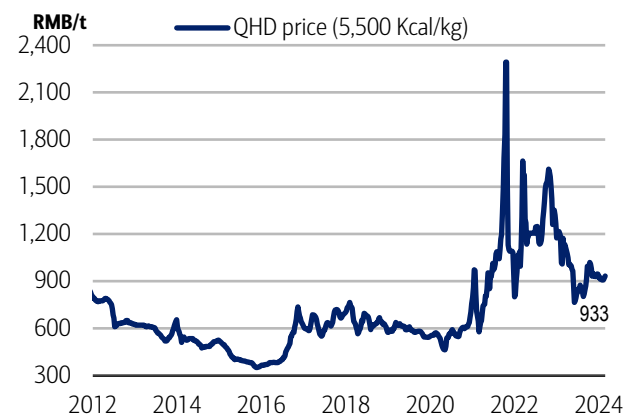


Source: Sxcoal, BofA Global Research

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## Exhibit 14: ASP at Qinhuangdao port (Kcal5,500)

ASP of QHD 5,500kcal spot price up 2.6% WoW to RMB933t as of 23 Feb

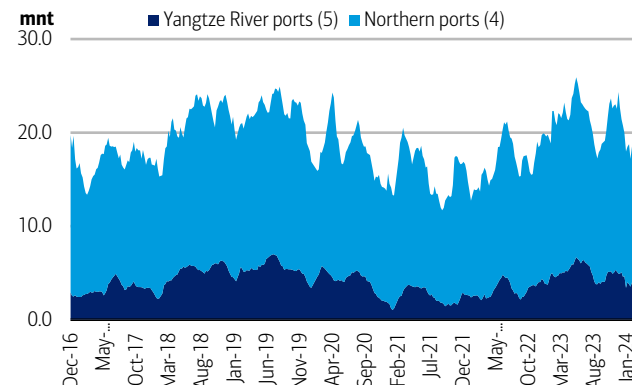


Source: Sxcoal, BofA Global Research

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## Exhibit 15: Ports inventory (Northern and Southern)

Ports inventory (Northern and Southern) +15.2% WoW to 19.81mnt as of 23 Feb

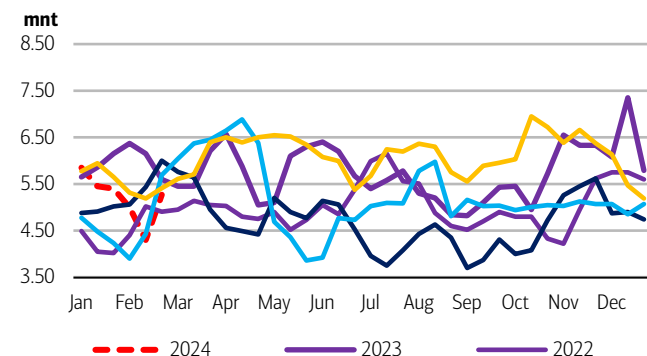


Source: Sxcoal, BofA Global Research

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## Exhibit 16: QHD port inventory

QHD port inventory was up 22.6% WoW to 5.27mnt

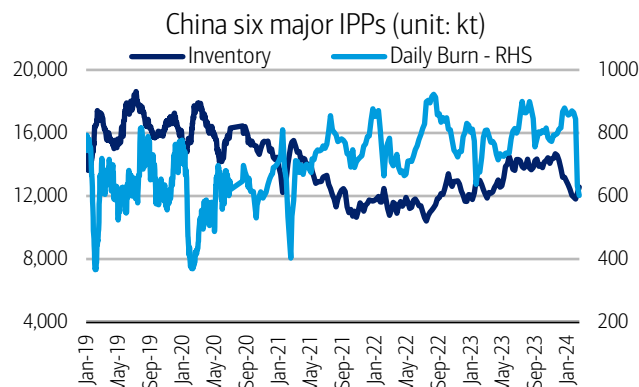


Source: Sxcoal, BofA Global Research

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**Exhibit 17: China six major IPPs (unit: kt)**

Inventory at the six major IPPs up 3.2% WoW to 12.57mnt as of 18 Feb; daily burn down by 4.9% WoW at 601kt

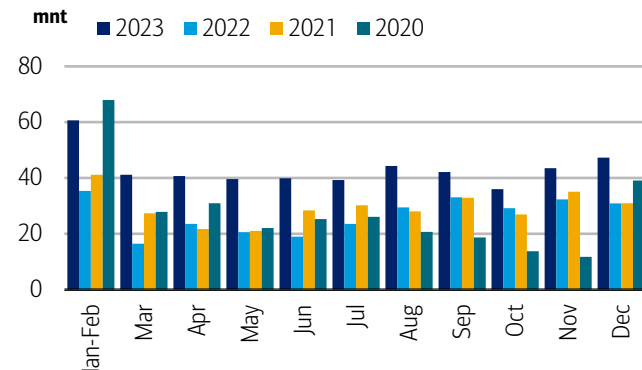


Source: Sxcoal, BofA Global Research

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**Exhibit 18: China monthly coal imports**

Total coal (incl. lignite) imports +47.2% YoY to 53.2mnt in Dec 2023



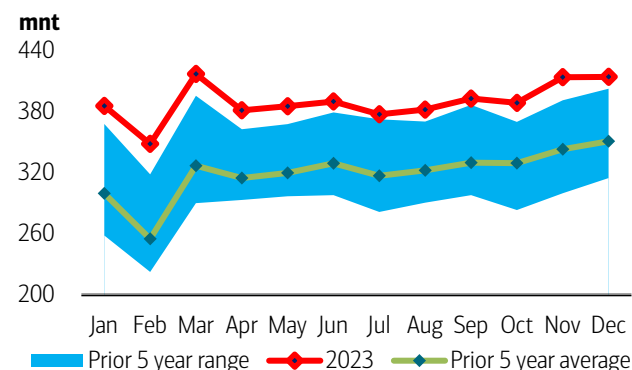
Source: China Customs, Wind, BofA Global Research

Note: Since 2020, no single-month trade data are available for Jan-Feb

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**Exhibit 19: YTD China coal production**

China coal production in Dec 23 increased 1.9% YoY to 414.3mnt

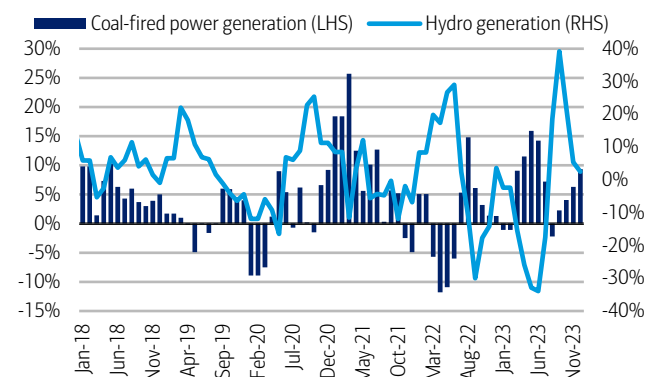


Source: China NBS, Wind, BofA Global Research

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**Exhibit 20: Monthly power generation growth**

Thermal power generation up 9.3% YoY in Dec'23, total power generation up 2.5% YoY in Dec'23

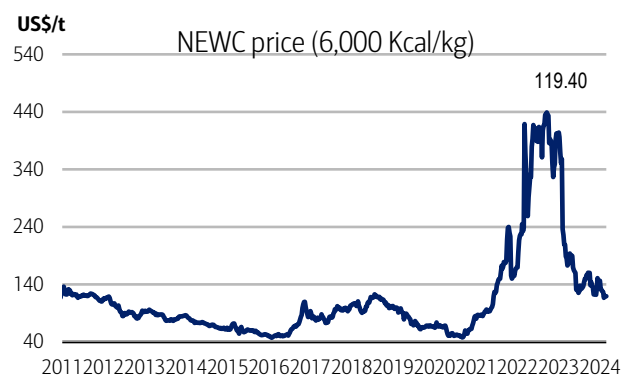


Source: Wind, BofA Global Research

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**Exhibit 21: NEWC 6,000K thermal coal**

NEWC 6,000K thermal coal was up 0.1% WoW to US\$119.40/t, at 5.8% of premium vs QHD price



Source: Sxcoal, Wind, BofA Global Research

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**Exhibit 22: Liulin No. 4 hard coking coal price (incl. VAT)**

Liulin No. 4 hard coking coal price was down 2.0% WoW to RMB2,430/t during the week ended 23 Feb

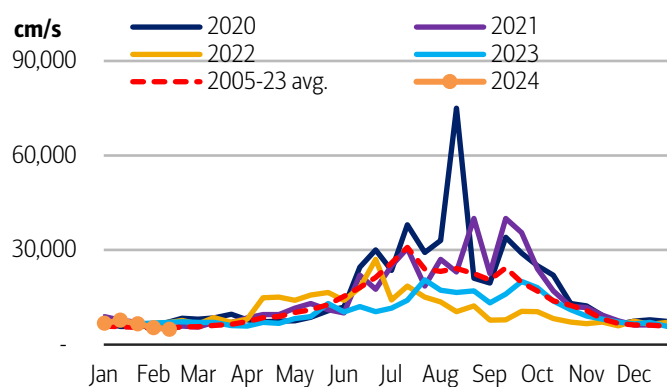


Source: Sxcoal, BofA Global Research

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**Exhibit 23: Three Gorges Reservoir water inflow (cm/s)**

As of Feb 20, the water inflow of Three Gorges Reservoir was 4,800 cm/s, 7% lower than 2005-23 avg. of 5,142 cm/s

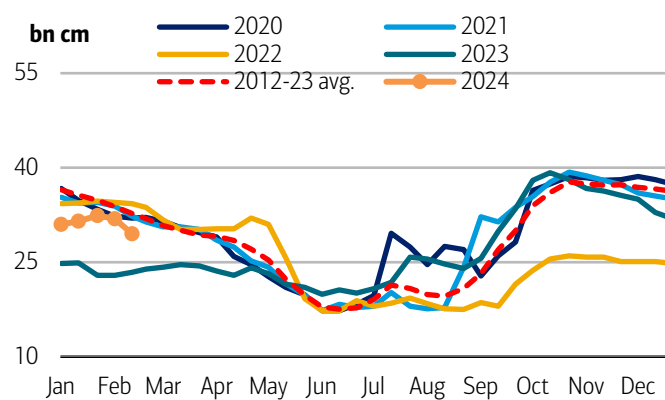


Source: Wind, BofA Global Research

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**Exhibit 24: Three Gorges Reservoir water storage (bn cm)**

As of Feb 20, the water storage of Three Gorges Reservoir was 29.5 bn cm, 10% lower than 2005-23 avg. of 32.7 bn cm



Source: Wind, BofA Global Research

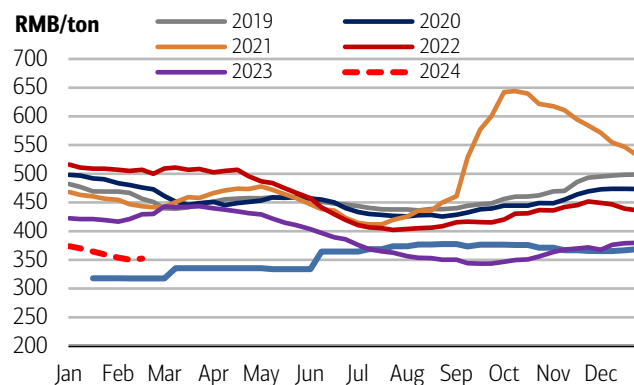
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# Cement: Price recovery led by Guangdong price hike

The average national cement price was down by 0.51% to RMB352/t as of 23 Feb. Cement prices in Guangdong by RMB20-30/t. Nationwide shipment ratio came at 6.4%, +2.0% WoW, while nationwide inventory ratio reached 65.8%, -0.1% WoW. Due to ongoing construction suspension and bad weather condition, cement demand remained at bottom level. In order to avoid further loss and boost market confidence, producers in Guangxi, Guangdong and Fujian started to raise prices.

## Exhibit 25: National average Cement price

Average national cement price up 0.51% to RMB352/t as of 23 Feb

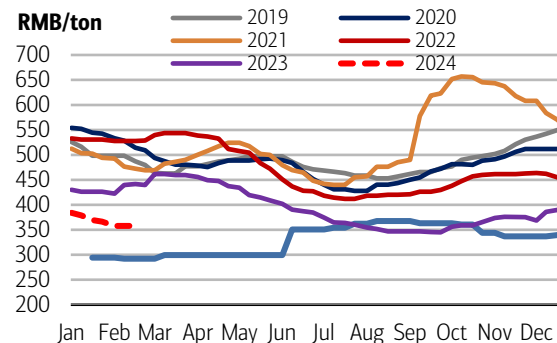


Source: Digital Cement, BofA Global Research

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## Exhibit 26: East China average cement price

East China cement prices were flattish WoW

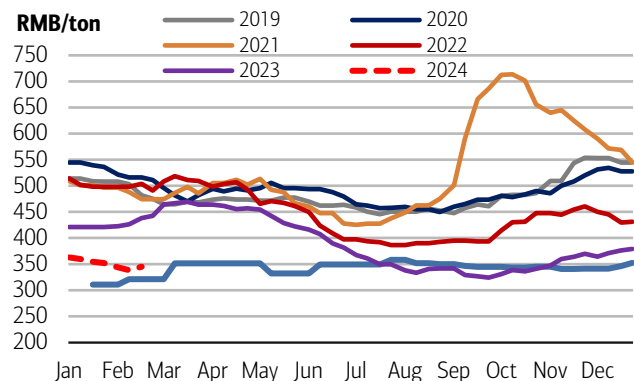


Source: Digital Cement, BofA Global Research

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## Exhibit 27: Central South China average cement price

Central South China cement prices up 1.9% WoW

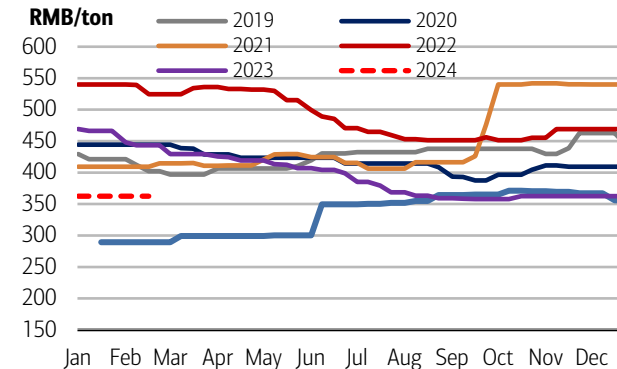


Source: Digital Cement, BofA Global Research

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## Exhibit 27: North China average cement price

North China cement prices were flattish WoW

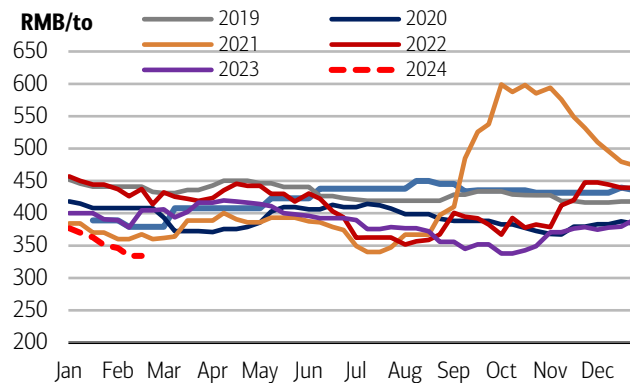


Source: Digital Cement, BofA Global Research

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**Exhibit 28: South West China average cement price**

SW China cement prices were flattish WoW

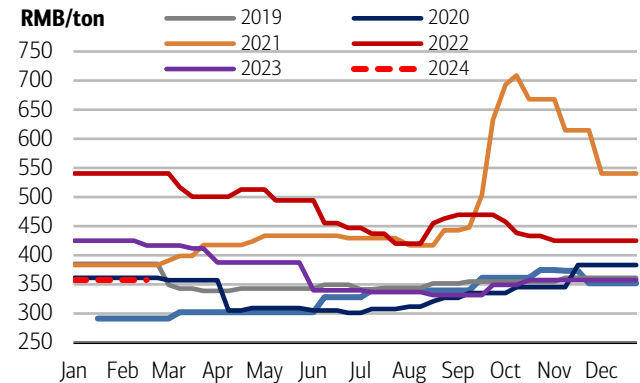


Source: Digital Cement, BofA Global Research

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**Exhibit 29: North East China average cement price**

NE China cement prices were flattish WoW

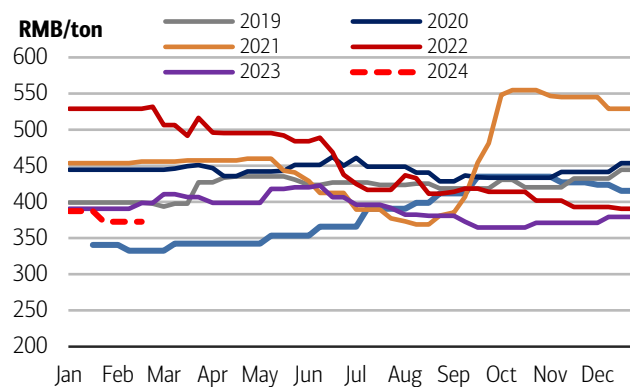


Source: Digital Cement, BofA Global Research

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**Exhibit 30: North West China average cement price**

NW China cement prices were flattish WoW

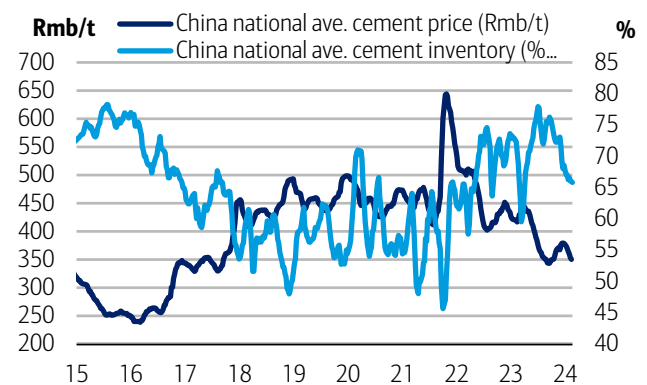


Source: Digital Cement, BofA Global Research

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**Exhibit 31: China national average cement prices vs inventory**

Prices were up WoW while inventory was down WoW



Source: R Digital Cement, BofA Global Research

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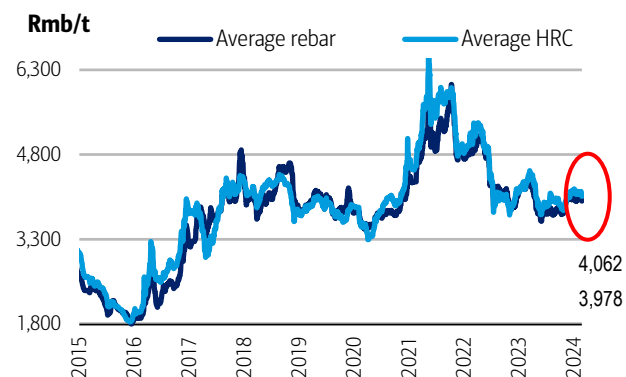


## Steel: Price down under weak market

The rebar price was down 0.9% WoW to RMB3,978/t and HRC was down 2.0% WoW to RMB4,062/t. Iron ore prices -6.9% WoW to US\$120.6/t. Spot rebar cash margin +RMB134/t to -RMB214/t, and spot HRC cash margin +RMB113/t to -RMB388/t. Weekly rebar/HRC production was -0.1%/-3.1% and apparent consumption +134.2%/-0.1% WoW. Mill inventory +5.6% WoW, while social inventory +11.2% WoW. During the first week after CNY holiday, downstream demand remained sluggish as most construction will resume after Lantern festival. Both social & mill inventory continued to ramp up.

### Exhibit 32: China domestic steel prices at key cities

Chinese steel prices at key cities -0.9%/-2.0% WoW for rebar/HRC

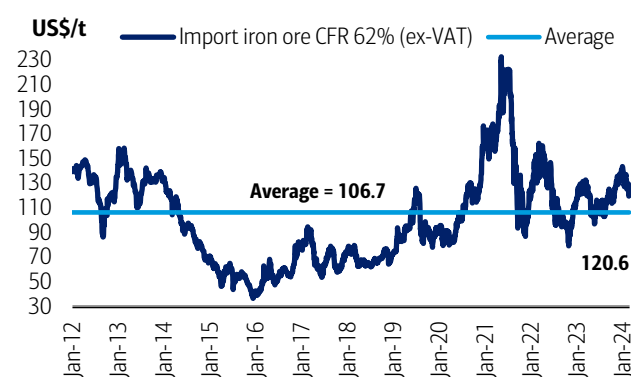


Source: Wind, BofA Global Research

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### Exhibit 33: Imported iron ore CFR 62% prices at Tianjin Port

Iron ore price -6.9% WoW to US\$120.6/t as of 22 Feb

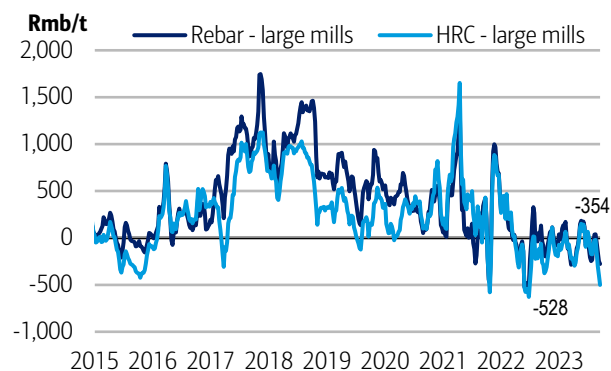


Source: Wind, BofA Global Research

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### Exhibit 34: Cash margins at large mills (inventory lag)

Rebar cash margin at large mills +RMB2/t to -RMB354/t, and HRC cash margin at those mills -RMB19/t to -RMB528/t

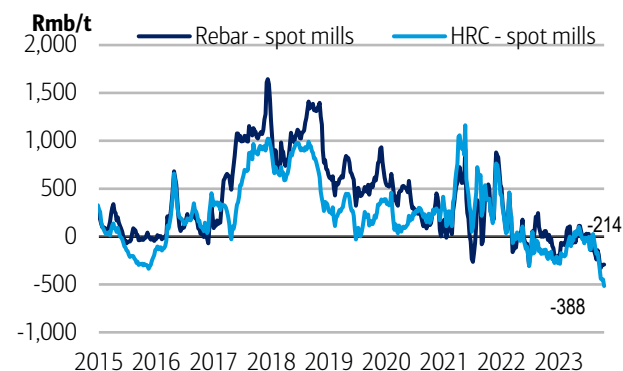


Source: Wind, BofA Global Research

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### Exhibit 35: Spot cash margins at steel mills

Spot rebar cash margin +RMB134/t to -RMB214/t, and spot HRC cash margin +RMB113/t to -RMB388/t

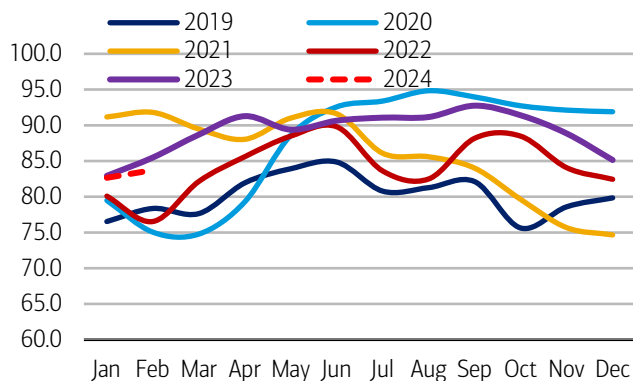


Source: Wind, BofA Global Research

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**Exhibit 36: Utilization rates of blast furnaces across the nation**

Utilization rates of blast furnaces across the nation -0.38ppt WoW to 83.59% as of 23 Feb

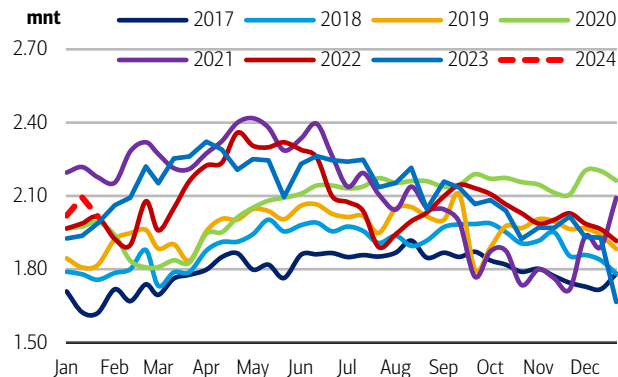


Source: Mysteel, BofA Global Research

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**Exhibit 37: CISA crude steel output for large and median mills (10-day)**

Daily crude steel production at CISA's sample was reported to be 2.017 mnt/day as of 31 Jan, compared with 2.094 mnt/day in the previous 10 days

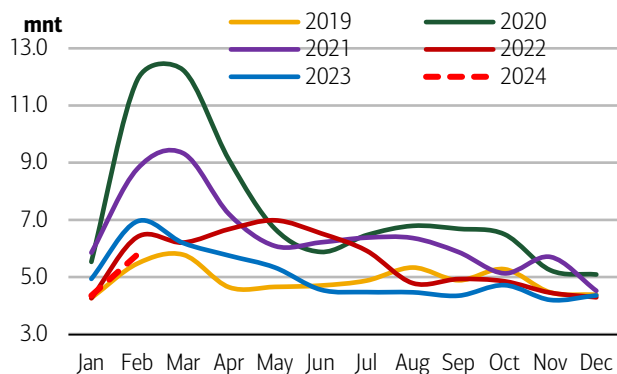


Source: CISA, BofA Global Research

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**Exhibit 38: Steel inventory at mills**

Steel inventory at mills up by 5.6% WoW to 6.92mnt

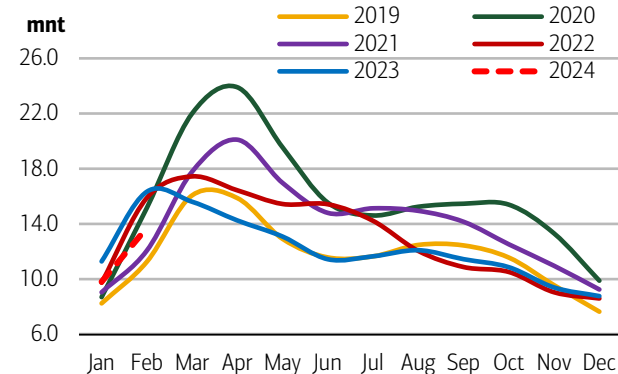


Source: Mysteel, BofA Global Research

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**Exhibit 39: Steel inventory at key cities (traders)**

Steel inventory at key cities (traders) up by 11.2% WoW to 16.20mnt

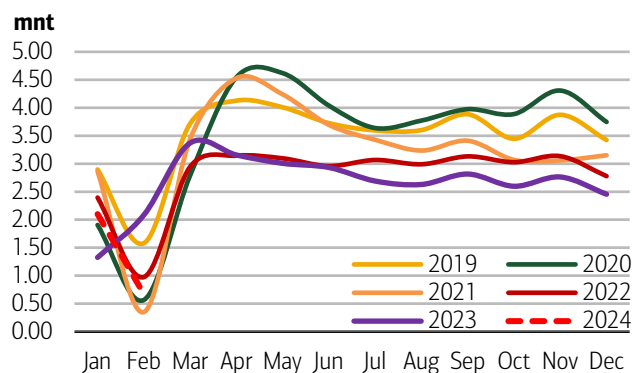


Source: Mysteel, BofA Global Research

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**Exhibit 40: Weekly rebar apparent consumption**

Weekly rebar apparent consumption was +134.2% WoW to 0.69mnt

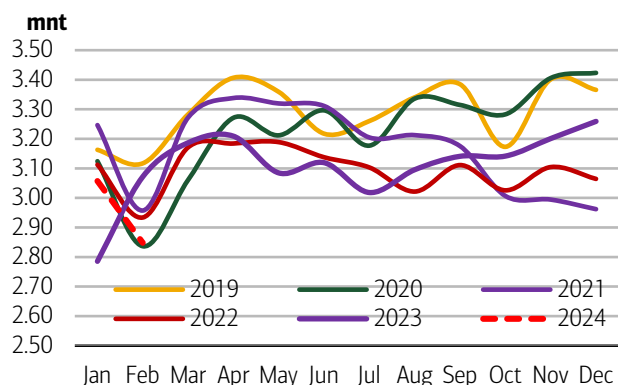


Source: Mysteel, BofA Global Research

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**Exhibit 41: Weekly HRC apparent consumption**

Weekly HRC apparent consumption was -0.1% WoW to 2.67mnt

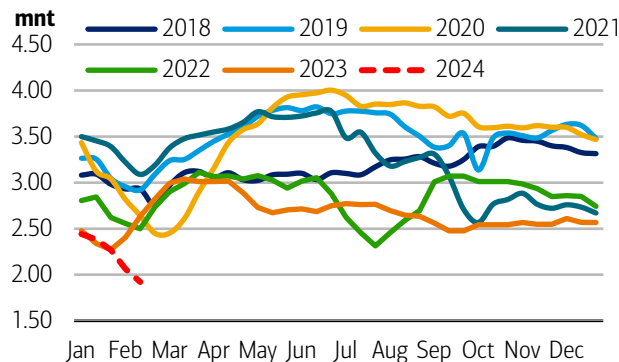


Source: Mysteel, BofA Global Research

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**Exhibit 42: Weekly rebar output**

Rebar output for the week ended 23 Feb decreased 0.1% WoW to 1.92mnt

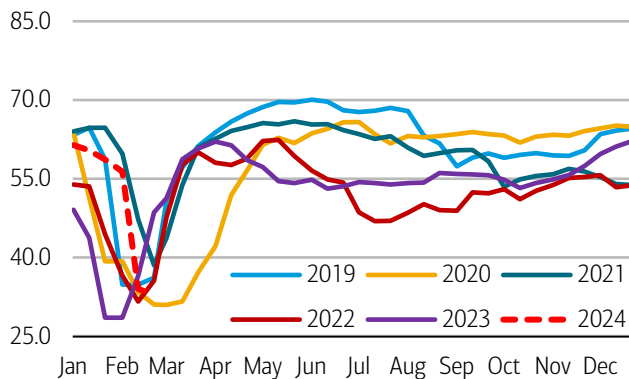


Source: Mysteel, BofA Global Research

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**Exhibit 44: Operating rate of Electric-arc-furnace (EAF) mills**

The operating rate of EAF mills -1.71ppt WoW to 32.88% in the week ended 18 Feb

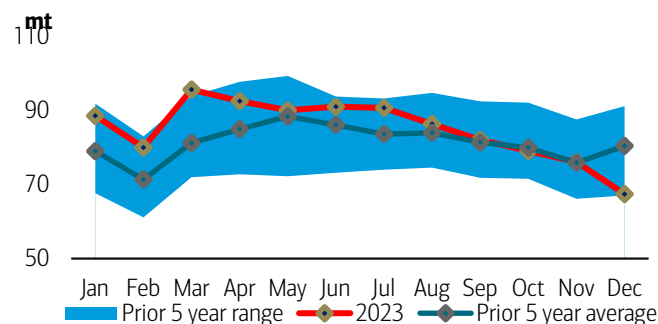


Source: Custeel, BofA Global Research

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**Exhibit 46: YTD China crude steel production**

China produced 67.4mnt of crude steel in Nov 2023, -14.9% YoY

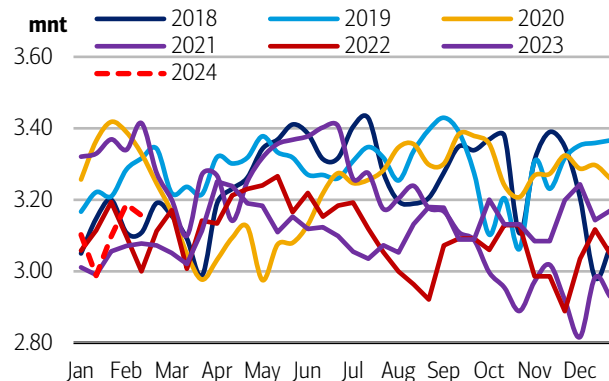


Source: NBS, CEIC, BofA Global Research

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**Exhibit 43: Weekly HRC output**

HRC output for the week ended 23 Feb down by 3.1% WoW to 3.06mnt

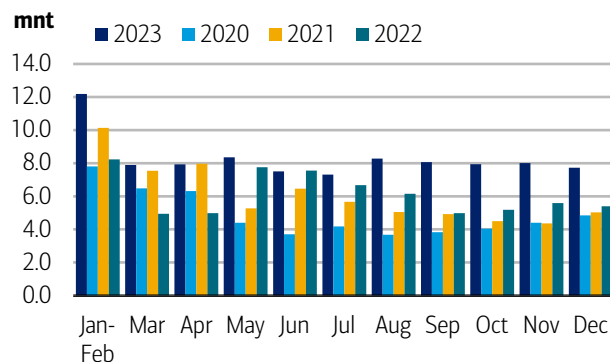


Source: Mysteel, BofA Global Research

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**Exhibit 45: China monthly steel product exports**

In Dec 23, Chinese exports of steel were 7.73mnt, +43.1% YoY. YTD net exports reached 83.6mnt, +47% YoY

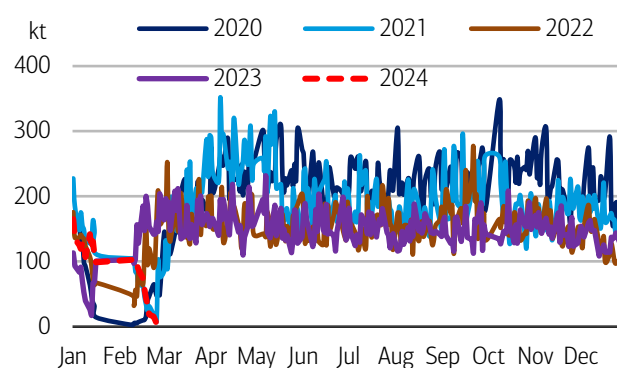


Source: China Customs, CEIC, BofA Global Research

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**Exhibit 47: Construction steel trading volume**

Construction steel trading volume -90.2% WoW to 4.2kt/d as of 4 Feb

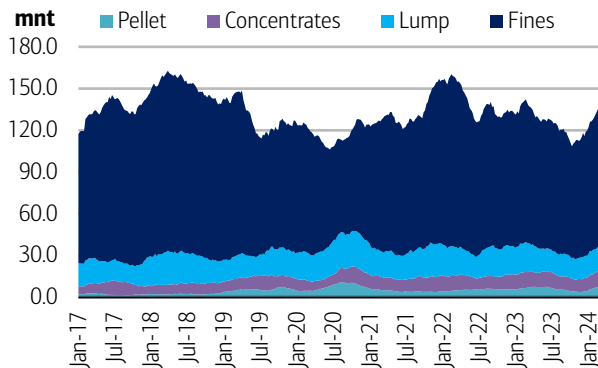


Source: Wind, BofA Global Research

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**Exhibit 48: Iron ore port inventory by product type**

Iron ore fine currently accounts for 73.2% of port inventory

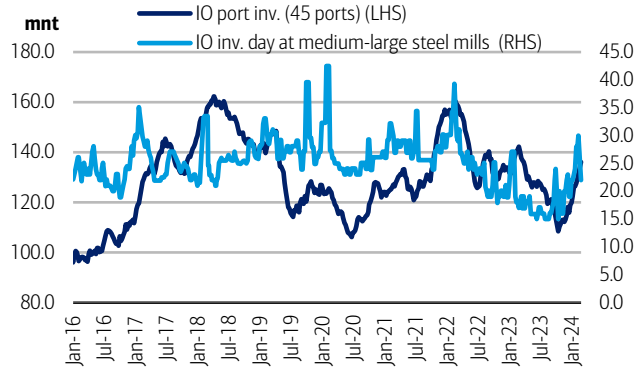


Source: Mysteel, BofA Global Research

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**Exhibit 49: Iron ore inventory at large-medium steel mills and at ports**

Iron ore port inventory ended at 129.49mnt, +3.5% WoW as of 23 Feb

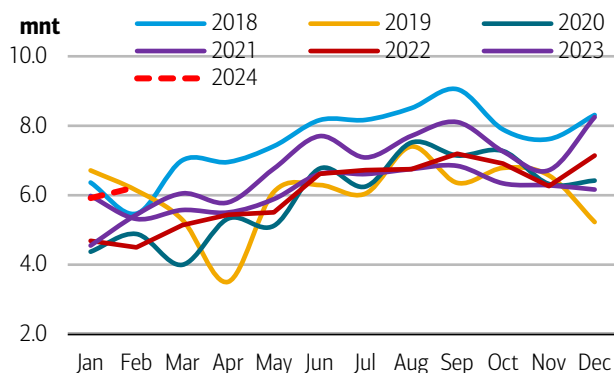


Source: Wind, BofA Global Research

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**Exhibit 50: Weekly iron ore exports from major Brazilian ports**

Weekly iron ore exports from major Brazilian ports – Feb 24 up 14.7% yoy as of 16 Feb

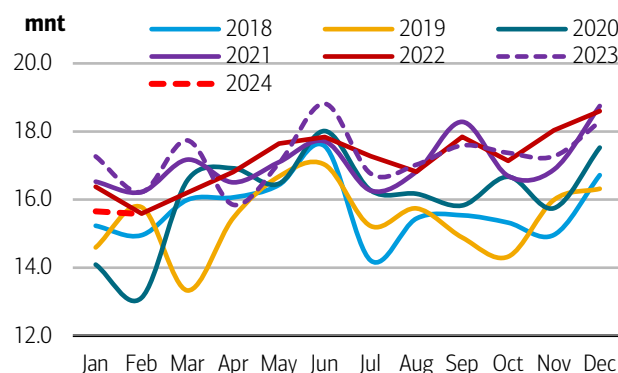


Source: Mysteel, BofA Global Research

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**Exhibit 51: Weekly iron ore exports from major Australian ports**

Weekly iron ore exports from major Australian ports – Feb 24 down 4.0% yoy as of 16 Feb

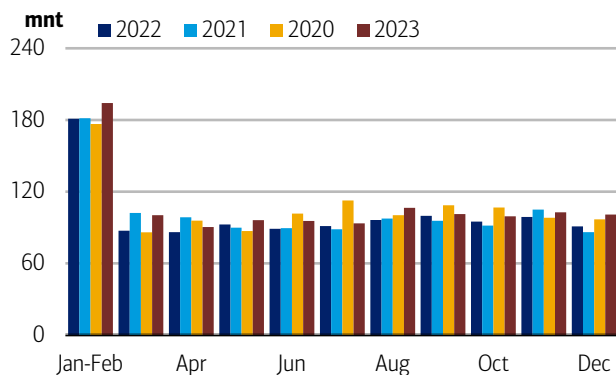


Source: Mysteel, BofA Global Research

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**Exhibit 52: China monthly iron ore imports**

Chinese imports of iron ore in Dec 2023 were 100.9mnt, +11.0% YoY

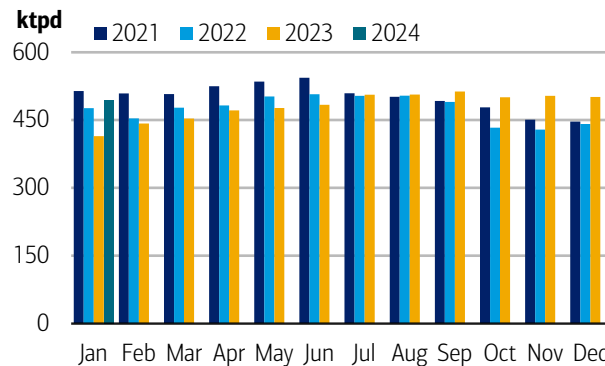


Source: China Customs, Wind, BofA Global Research

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**Exhibit 53: Daily domestic iron ore concentrate production**

Daily domestic iron ore concentrate production at 186 iron ore miners / 363 mines Jan 24 up 19.6% YoY, as of 26 Jan



Source: Mysteel, BofA Global Research

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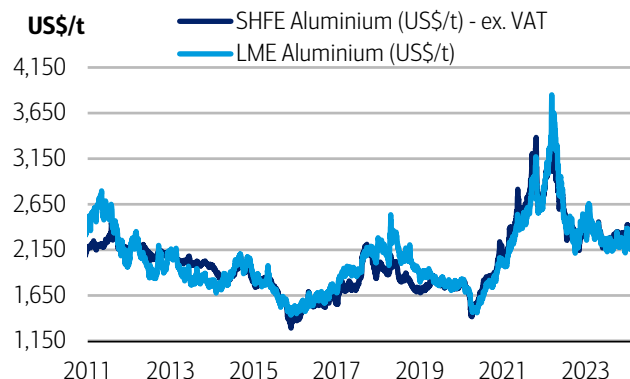
# Metals: Copper price up; metal inventory jumped

LME aluminum price was -0.9% WoW to US\$2,198/t, while SHFE -0.6% WoW to RMB18,780/t. Domestic Al ingot inventory was up 43.6% WoW to 708kt. LME copper price +1.1% WoW at US\$8,585/t, SHFE was +2.12% WoW to RMB69,390/t. According to Baiinfo, 1.5mt of capacity was expected to resume and 1.25mt of new capacity was expected to launch in 2024. The Comex gold price up 0.29% WoW at US\$2,020/oz. Battery grade lithium carbonate price was down 0.8% WoW to RMB96.3k/t and battery grade lithium hydroxide price was down 0.1% WoW to RMB85.1k/t.

## Aluminum

### Exhibit 54: Price comparison in LME & SHFE Aluminum

LME aluminum price -0.9% WoW to US\$2,198/t during the week ended 23 Feb, while SHFE down 0.6% WoW to RMB18,780/t

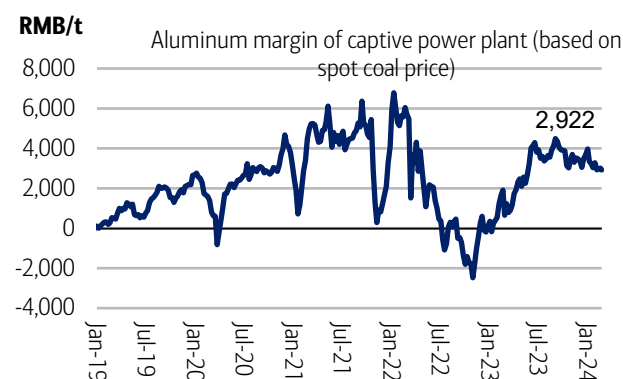


Source: Bloomberg, BofA Global Research

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### Exhibit 55: Aluminum margin of captive power plant

Aluminum margin of captive power plant -RMB7/t WoW to RMB2,922/t as of 23 Feb

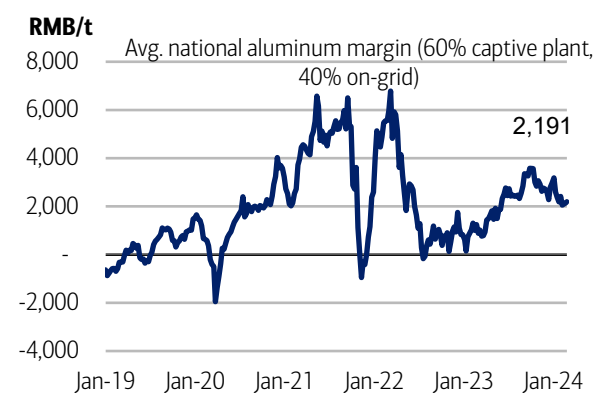


Source: Bloomberg, SMM, Wind, BofA Global Research

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### Exhibit 56: Avg. national aluminum margin (60% captive plant)

Avg. national aluminum margin +RMB124/t WoW to RMB2,191/t as of 23 Feb

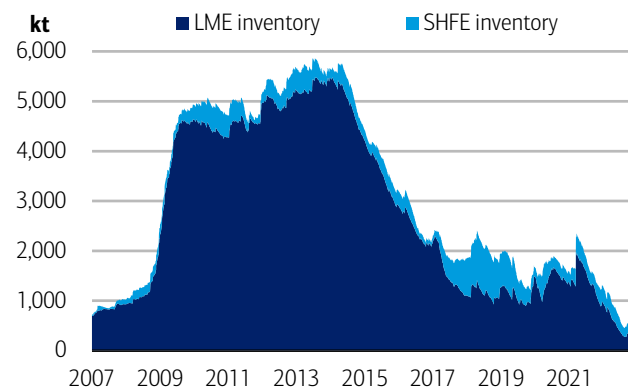


Source: Bloomberg, SMM, Wind, BofA Global Research

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### Exhibit 57: Inventory comparison in LME & SHFE Aluminum

LME aluminum inventory increased by 4.8% WoW to 561kt, and SHFE inventory was up 65.6% WoW to 173kt

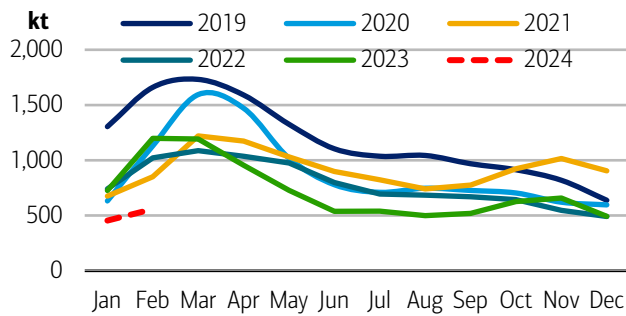


Source: Bloomberg, BofA Global Research

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**Exhibit 58: Aluminum ingot inventory**

Domestic aluminum ingot inventory up 43.6% WoW to 708kt as of 22 Feb

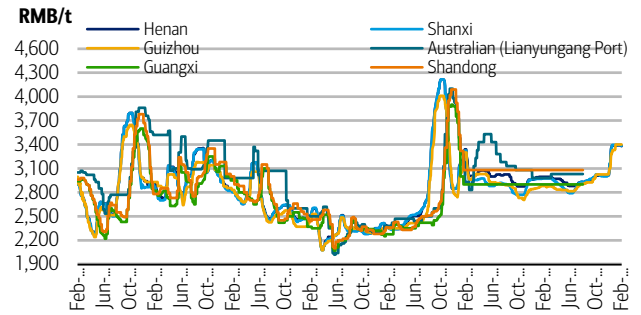


Source: SMM, BofA Global Research

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**Exhibit 59: Domestic alumina prices**

Domestic alumina prices down 0.20% to RMB3,388t as of 23 Feb



Source: Wind, BofA Global Research

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**Exhibit 60: Aluminum capacity change in 2024**

1.5mt of capacity was expected to resume and 1.25mt of new capacity was expected to launch in 2024

	Suspension	Resumption	Expected resumption in remaining-24	Total expected resumption in FY24	New start	Expected new start in remaining-24	Total expected new start in FY24
Yunnan	-	-	-	1,235	-	530	530
Inner Mongolia	-	-	-	-	-	420	420
Shanxi	-	-	-	45	-	-	-
Guangxi	-	-	-	20	-	-	-
Xinjiang	-	-	-	-	-	200	200
Henan	-	-	-	-	-	-	-
Guizhou	-	-	-	135	-	100	100
Liaoning	-	-	-	-	-	-	-
Chongqing	-	-	-	-	-	-	-
Qinghai	-	-	-	-	-	-	-
Gansu	-	-	-	-	-	-	-
Sichuan	-	-	-	110	-	-	-
Shandong	-	-	-	-	-	-	-
<b>Total</b>	-	-	-	<b>1,545</b>	-	<b>1,250</b>	<b>1,250</b>

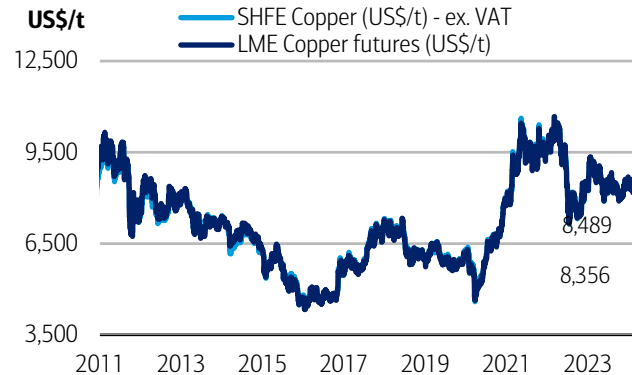
Source: Baiinfo, BofA Global Research

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**Copper & Gold**

**Exhibit 61: Price comparison in LME & SHFE copper**

LME copper price up by 1.1% WoW to US\$8,585/t during the week ended 23 Feb, while SHFE +2.12% WoW to RMB69,360/t. SHFE is at a premium of 1.6% to LME price



Source: Bloomberg, BofA Global Research

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**Exhibit 62: Gold spot price**

The Comex gold (spot) price up 0.29% WoW to US\$2,020/oz

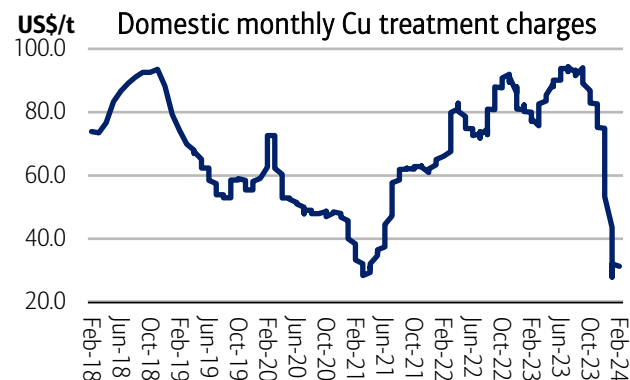


Source: Bloomberg, BofA Global Research

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**Exhibit 63: Domestic monthly treatment charges on Cu concentrate**

Domestic monthly treatment charges on copper concentrate: US\$31.3/t as of 9 Feb

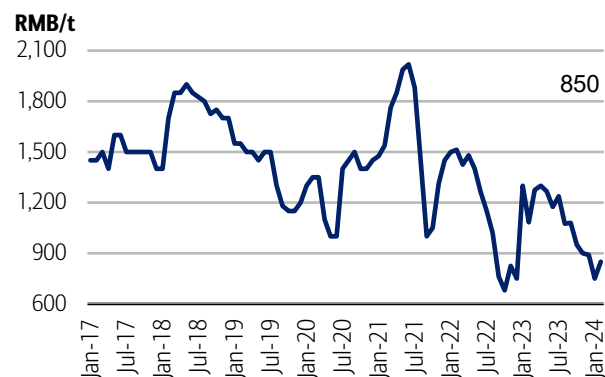


Source: Wind, BofA Global Research

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**Exhibit 64: Domestic monthly refining charges on blister copper**

Domestic monthly refining charges on blister copper: Feb-avg.: RMB850/t

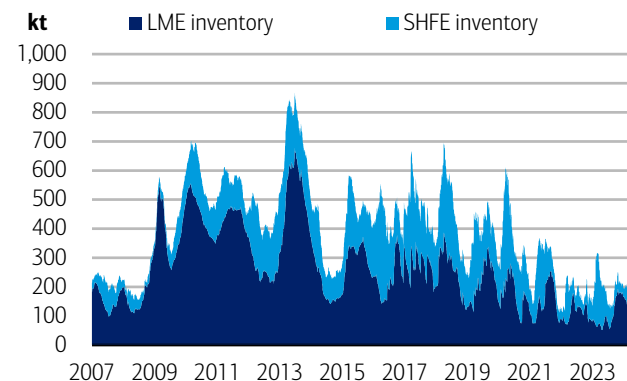


Source: Mymetal, BofA Global Research

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**Exhibit 65: Inventory comparison in LME & SHFE copper**

LME copper inventory -6.0% WoW to 123kt, and SHFE inventory +109.6% WoW to 181kt



Source: Bloomberg, BofA Global Research

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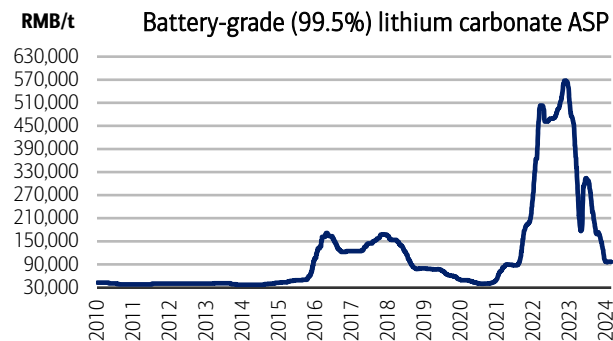




## Lithium

**Exhibit 66: Domestic battery-grade lithium carbonate ASP**

Average price of domestic battery-grade lithium carbonate (99.5%) was down 0.8% WoW at RMB96.3k/t

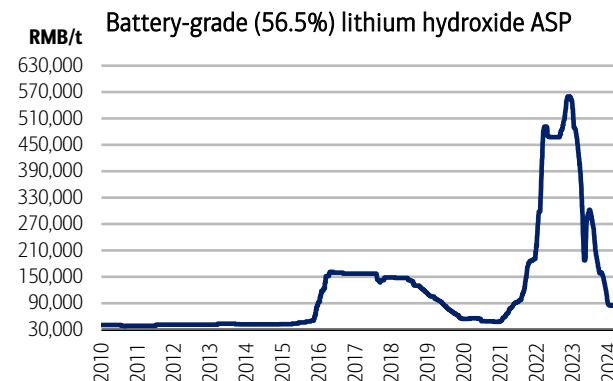


Source: SMM, BofA Global Research

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**Exhibit 67: Domestic battery-grade lithium hydroxide ASP**

Average price of domestic battery-grade lithium hydroxide down by 0.1% WoW to RMB85.1k/t

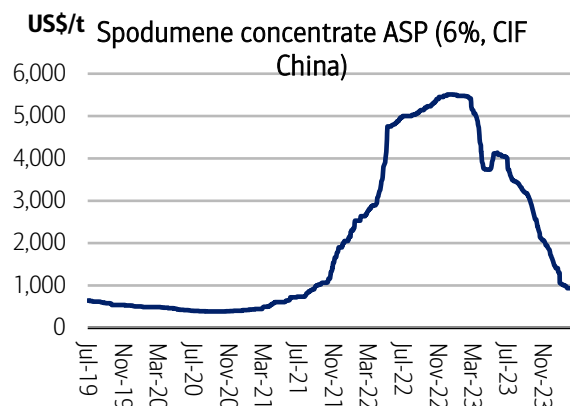


Source: SMM, BofA Global Research

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**Exhibit 68: Spodumene concentrate ASP (6%, CIF China)**

Average price of spodumene concentrate ASP (6%, CIF China) down 2.99% WoW to USD910/t

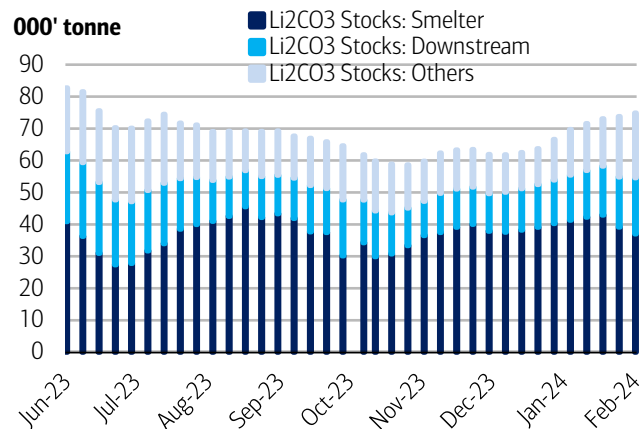


Source: SMM, BofA Global Research

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**Exhibit 69: Domestic lithium carbonate inventory**

Lithium carbonate inventory ramped up entering new year



Source: SMM, BofA Global Research

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## Paper: Flattish price after holiday

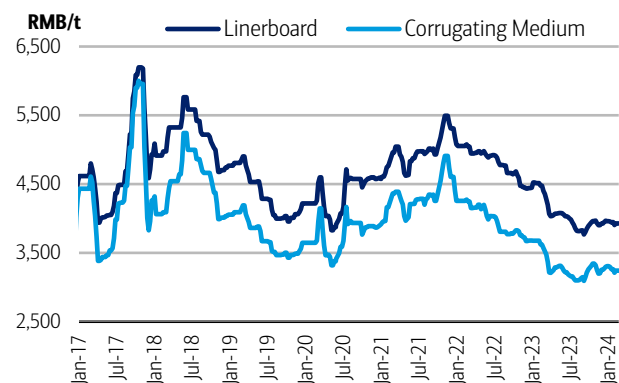
**Raw paper:** Paper price was flattish WoW at RMB3,839/t as of 21 Feb. According to UMPaper, market transaction was gradually recovering, and shipment remained stable during the first week after CNY. Subjected to weather & market issues, resumption of some paper mills may be postponed to the end of month.

**Waste paper:** In the domestic market, the China OCC average was up by 0.1% WoW to RMB1,547/t.

**Spread:** The Nine Dragons margin tracker is now indicating NP/t of RMB88/t for this week.

### Exhibit 70: China linerboard and corrugating medium price

Paper was flattish WoW at RMB3,839/t as of 21 Feb.



Source: UMPaper, RISI

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### Exhibit 71: Nine Dragons Margin tracker

The Nine Dragons margin tracker is now indicating NP/t of RMB88/t for this week, up 0.5% WoW.



Source: UMPaper, RISI, BofA Global Research

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## Glass: Price inched higher under resumption expectation

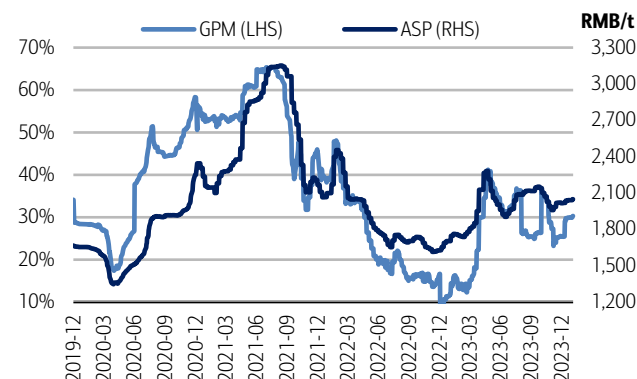
National float glass price was up WoW during the first week after CNY holiday. According to SC199, demand recovery was slow as majority of downstream resumption was expected to take place after Lantern Festival. Inventory level skyrocketed after previous restocking.

**Market price and raw materials prices:** As of 22 Feb, the national average float glass price (incl. VAT) was up by 0.7% WoW at RMB2,066/t. The soda ash price was down WoW at RMB2,443/t as of 23 Feb. National direct supplied pipeline natural gas remains RMB2.30/cbm. Our analysis shows Xinyi float glass GPM was up by 1.5% to 31.7%.

**Inventory and capacity:** As of 22 Feb, national inventory was 49.45mn weight case, representing 23.56 inventory days. Nationally effective capacity of all float glass lines was 176,565t/d.

### Exhibit 72: National Float Glass Price and Xinyi float glass GPM

As of 22 Feb, the national average float glass price was up 0.7% WoW to RMB2,066/t. Our analysis shows Xinyi float glass GPM was up 1.5% WoW at 31.7%

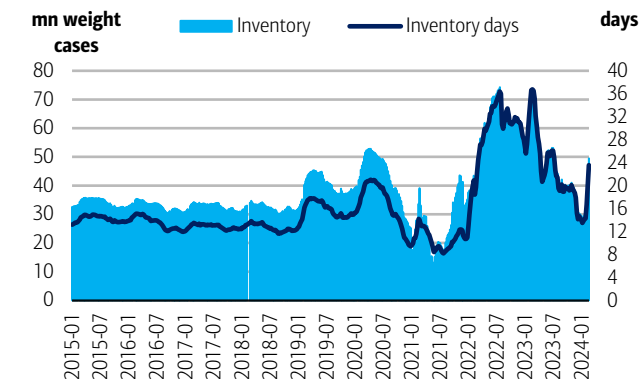


Source: BofA Global Research, Wind, SC199

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### Exhibit 73: Inventory & Inventory day

As of 22 Feb, national inventory was 49.45mn weight case, representing 23.56 inventory days

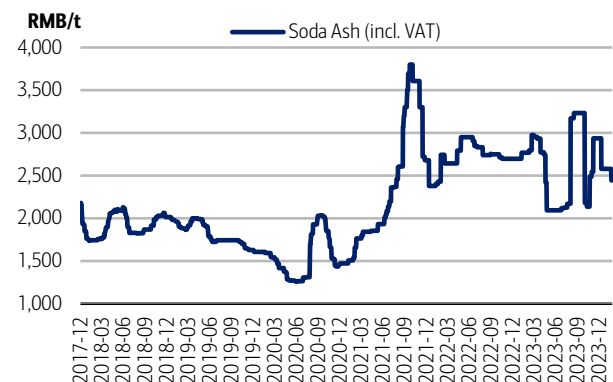


Source: BofA Global Research, Wind, SC199

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### Exhibit 74: China Soda Ash Price (incl. VAT)

The soda ash price dpwn 5.3% WoW to RMB2,443/t as of 23 Feb

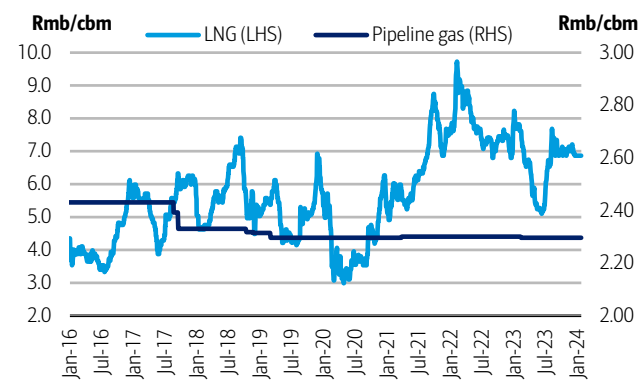


Source: BofA Global Research, Wind, SC199

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### Exhibit 75: China Natural Gas Price

National direct supplied pipeline natural gas stayed at RMB2.30/cbm

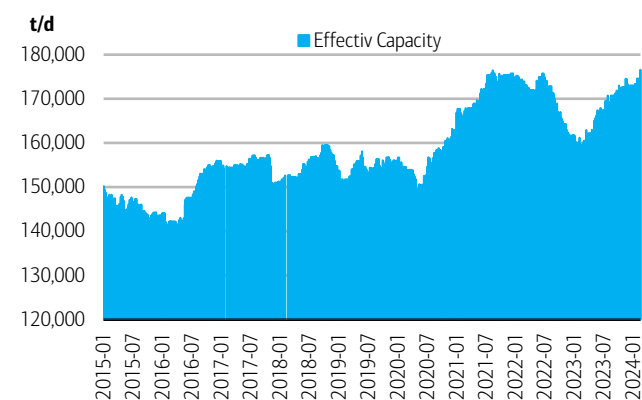


Source: BofA Global Research, Wind, SC199

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**Exhibit 76: Effective capacity % of total capacity**

Nationally effective capacity of all float glass lines was 176,565t/d.



Source: BofA Global Research, Wind, SC199

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## Appendix

**Exhibit 77: Glossary**

Summary of terminologies/abbreviation mentioned in the report

Abbreviation	Elaboration
WoW	Week-on-Week
ASP	Average Selling Price
HRC	Hot Rolled Coil
LME	London Metal Exchange
SHFE	Shanghai Futures Exchange
OCC	Old Corrugated Containers
ND	Nine Dragon Paper (02689 HK)
GPM	Gross Profit Margin
NP	Net Profit
QHD 5,500kcal	Qinghuangdao port 5,500kcal thermal coal
NEWC 6,000K	Newcastle 6000kcal thermal coal
Liulin No.4 HCC	Liulin No.4 hard coking coal

Source: BofA Global Research

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