Metals & Mining



Imports at an all-time high

Global crude steel production up ~1% YoY in October

The World Steel Association (WSA) data shows global crude steel production saw a slight recovery of \sim 1% YoY to 150mn tonne in October, led by \sim 3% YoY rise in production for the rest of the world (ROW), even as China reported a fall of \sim 2% YoY. On a monthly basis, production was slightly down, hit by \sim 4% MoM fall in China while ROW rose \sim 4% MoM. India sustained its strong performance with double-digit production growth for the fifth straight month. In October, India's crude steel production rose \sim 15% YoY and \sim 3% MoM. As per provisional data, India's crude steel production rose \sim 13% YoY but fell \sim 3% MoM in November. India's November steel imports was at an all-time high of 1.2mn tonne for the data series available since CY06. CY23 YTD volume has reached a six-year high of 7.0mn tonne.

Domestic steel prices remain weak in November

After a weak October, steel prices recovered in various regions in November, except in India. China registered ~1% MoM rise in export prices of hot rolled coil (HRC) in November, followed by Japan and North Europe up ~2% MoM and ~6% MoM, respectively. After a flat trend in October, HRC prices in the US jumped by ~23% MoM. In contrast, India was subdued with ~4% MoM fall in HRC prices while prices of primary long products were down ~3% MoM. Higher imports coupled with muted demand due to the festivals, elections in select States and construction restrictions in Delhi and nearby areas dragged prices. Current (December to date) domestic HRC prices are broadly flat MoM, but primary long product prices are down ~2% MoM vs the November average. In November, iron ore prices in Australia and China rose ~10% MoM and ~11% MoM, respectively. Current (December to date) iron ore prices in both regions are up ~2% MoM each. Domestically, NMDC announced a price hike of INR 200/tonne each for lumps and fines on 23 November.

Prices of key non-ferrous metals improve, barring LME aluminium

In November, prices of major non-ferrous metals, barring LME aluminium, improved MoM. LME copper and LME lead prices rose ~3% MoM each, followed by LME zinc up ~4% MoM. In contrast, LME aluminium prices were largely flat MoM in November.

Mix trend visible in coal prices in November

After a positive trend for the past two months for coking as well as non-coking coal prices, November was a mixed month. Coking coal prices in China rose \sim 5% MoM but fell \sim 10% MoM in Australia. Non-coking coal prices in China and South Africa fell \sim 6% MoM and \sim 13% MoM, respectively. Current (December to date) coking coal prices in China and Australia are up \sim 10% MoM and \sim 5% MoM, respectively, vs the November average. Further, current (December to date) non-coking coal prices in China are largely flat MoM but down \sim 3% MoM in South Africa, vs the November average.

Our view: domestic steel prices unlikely to fall from current levels

India has been a net steel importer for the third consecutive month in November. Thus, higher imports remain cause for concern for domestic steel prices. However, steel prices in China have shown a positive trend in recent times, which should trim the price gap between India and imported steel products. The absence of any major relief from elevated raw material prices should prompt steelmakers to sustain steel prices to safeguard profitability.

Price performance			
(%)	ЗМ	6M	12M
Nifty	4.6	12.4	13.0
NSE Metal Index	5.0	23.6	11.2
JSW Steel	4.6	14.3	15.3
Tata Steel	0.9	18.8	16.5
Hindalco Industries	10.4	26.5	14.2
Jindal Steel and Power	9.0	42.2	34.9
NMDC	34.1	69.5	47.3
Steel Authority of India	6.7	19.7	17.7
APL Apollo Tubes	0.4	28.9	42.6
Ratnamani Metals & Tubes	26.0	50.0	79.6

Note: pricing as on 12 December 2023 Source: Bloomberg, Elara Securities Research

Rise in China's HRC price lowers overhang

				% chg	
Commodity prices by region	Unit	Current	As on 2023	One- month	Two- month
Raw materials					
China iron ore	USD/tonne	138	11-Dec	5.4	17.5
Australia iron ore	USD/tonne	137	11-Dec	5.4	16.6
China coking coal	USD/tonne	352	11-Dec	12.7	10.5
Australia coking coal	USD/tonne	335	11-Dec	9.8	(8.7)
South Africa non-coking coal	USD/tonne	109	11-Dec	(6.8)	(16.2)
China non- coking coal	USD/tonne	130	4-Dec	1.8	(8.0)
Global steel					
China HRC export	USD/tonne	560	8-Dec	4.7	5.7
North Europe HRC	USD/tonne	726	8-Dec	5.4	8.9
Japan HRC	USD/tonne	620	8-Dec	6.0	6.0
US HRC	USD/tonne	1,040	8-Dec	18.9	50.7
Domestic steel					
India HRC (Mumbai)	INR/tonne	55,200	4-Dec	(0.2)	(6.4)
India primary rebar (Mumbai)	INR/tonne	54,600	4-Dec	(2.5)	(6.0)
Non-ferrous					
Aluminium	USD/tonne	2,070	11-Dec	(6.3)	(4.7)
China alumina	USD/tonne	414	11-Dec	1.1	1.4
Copper	USD/tonne	8,249	11-Dec	2.1	4.2
Zinc	USD/tonne	2,396	11-Dec	(5.7)	(1.2)
Lead	USD/tonne	2,016	11-Dec	(7.0)	(2.7)

Source: Bloomberg, SteelMint, Elara Securities Research

Copper

Zinc

Lead



Exhibit 1: Current iron ore prices up ~19-20% vs Q2FY24 average

Prices	Unit	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24	Current	as on	Variance (%)
Raw material									
China iron ore	USD/tonne	106	100	126	111	115	138	11-Dec	20.0
Australia iron ore	USD/tonne	106	99	126	112	115	137	11-Dec	18.9
China coking coal	USD/tonne	352	336	345	261	267	352	11-Dec	31.8
Australia coking coal	USD/tonne	249	279	344	244	262	335	11-Dec	27.9
South Africa non-coking coal	USD/tonne	328	228	150	117	109	109	11-Dec	(0.3)
China non-coking coal	USD/tonne	185	202	165	131	119	130	4-Dec	9.2
Global steel									
China HRC exports	USD/tonne	595	550	641	577	554	560	8-Dec	1.1
North Europe HRC	USD/tonne	819	697	832	850	719	726	8-Dec	0.9
Japan HRC	USD/tonne	629	565	686	642	592	620	8-Dec	4.8
US HRC	USD/tonne	865	703	876	1,082	812	1,040	8-Dec	28.1
Domestic steel									
India HRC (Mumbai)	INR/tonne	57,454	55,608	59,308	57,588	56,619	55,200	4-Dec	(2.5)
India primary rebar (Mumbai)	INR/tonne	56,927	56,303	61,503	56,203	53,462	54,600	4-Dec	2.1
Non-ferrous									
Aluminium	USD/tonne	2,351	2,336	2,403	2,260	2,160	2,070	11-Dec	(4.2)
China Alumina	USD/tonne	424	392	425	402	396	414	11-Dec	4.6

8.944

3,137

2,136

8.474

2,540

2,119

Note: Variance between current and Q2FY24 average prices; Source: Bloomberg, SteelMint, Elara Securities Research

7,758

3,273

1,976

8.025

3,012

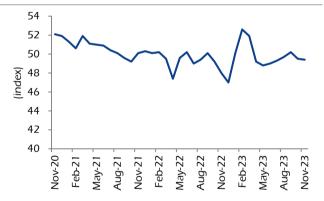
2,105

Exhibit 2: China manufacturing PMI largely flat MoM in November

USD/tonne

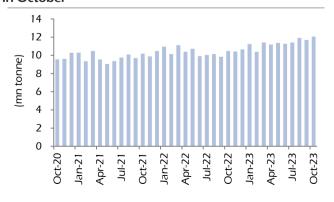
USD/tonne

USD/tonne



Source: Bloomberg, Elara Securities Research

Exhibit 4: India crude steel production rises ~15% YoY in October



Source: CMIE, Elara Securities Research

Exhibit 3: Global crude steel production up ~1% YoY in October

8.249

2,396

2,016

11-Dec

11-Dec

11-Dec

(1.4)

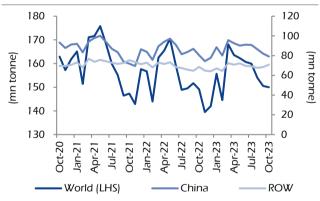
(1.6)

(7.2)

8,368

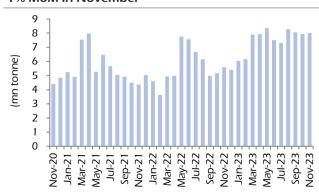
2,436

2,172



Source: World Steel Association, Elara Securities Research

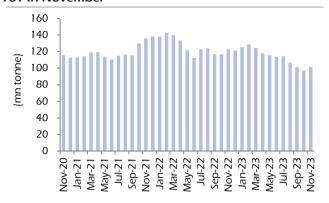
Exhibit 5: China's exports volume rises ~43% YoY and ~1% MoM in November



Source: Bloomberg, Elara Securities Research

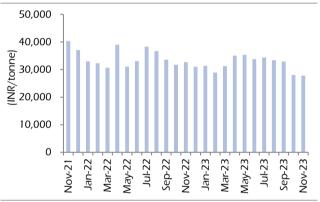


Exhibit 6: China weekly iron ore inventory down ~17% YoY in November



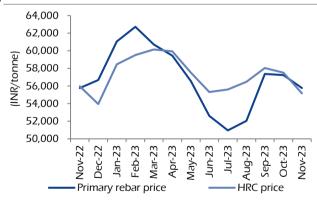
Source: Bloomberg, Elara Securities Research

Exhibit 8: Spot spread drops ~INR 200/tonne in November vs October



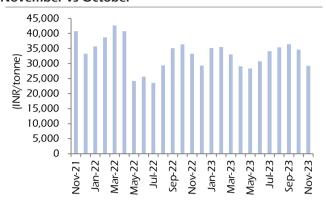
Source: SteelMint, Company, Elara Securities Research

Exhibit 10: Primary rebar prices at premium vs HRC price in November



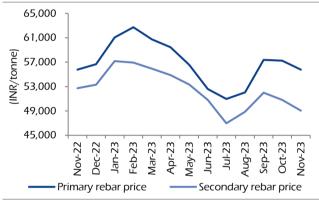
Source: SteelMint, Elara Securities Research

Exhibit 6: Lag spread down ~INR 5,400/tonne in November vs October



Note: Two-month and one-month lag considered for coking coal and iron ore Source: SteelMint, Company, Elara Securities Research

Exhibit 9: Primary rebar prices at ~INR 6,700/tonne premium vs secondary rebar prices in November



Source: SteelMint, Elara Securities Research

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