MONTHLY SUMMARY ON

MINERALS & NON-FERROUS METALS

January, 2025

GOVERNMENT OF INDIA
MINISTRY OF MINES

CONTENTS

1. SURVEY AND EXPLORATION

In the Ministry of Mines, GSI and MECL carry out regional exploration and detailed exploration respectively: -

1.1 Geological Survey of India (GSI)

Minerals Investigation: During the month of **January 2025, 4754.3 sq. km** of Large Scale Mapping (**LSM**), **23.85 sq. km.** of Detailed Mapping (**DM**) and **20087.9 m** of **Drilling** were carried out against monthly pro-rata targets (*) of 4300 sq.km., 24 sq. km. and 14,850 m, respectively.

Regional Geological Mapping Investigation: 5791 sq. km area was mapped under Specialized Thematic Mapping (STM) (on 1:25,000 Scale) against a monthly pro-rata target of 3750 sq. km.

(*) Target based on outcome budget of 2024-25.

1.2 Mineral Exploration and Consultancy Limited (MECL)

The physical performance i.e., exploratory drilling during the month of **January 2025,** is 45,004.85 meter which include 1,979.43 meter of non-ferrous minerals (including NMET& Contractual blocks)

During **January 2025,** regional and detailed mineral exploration activities were carried out for 15 numbers of mineral acreages entailing G4/G3 level assignments under NMET funding.

Geological report submitted during the month January 2025: During the month, MECL has submitted one geological report of G-4 level from NMET funded project and no resources estimated. The details are as follows:

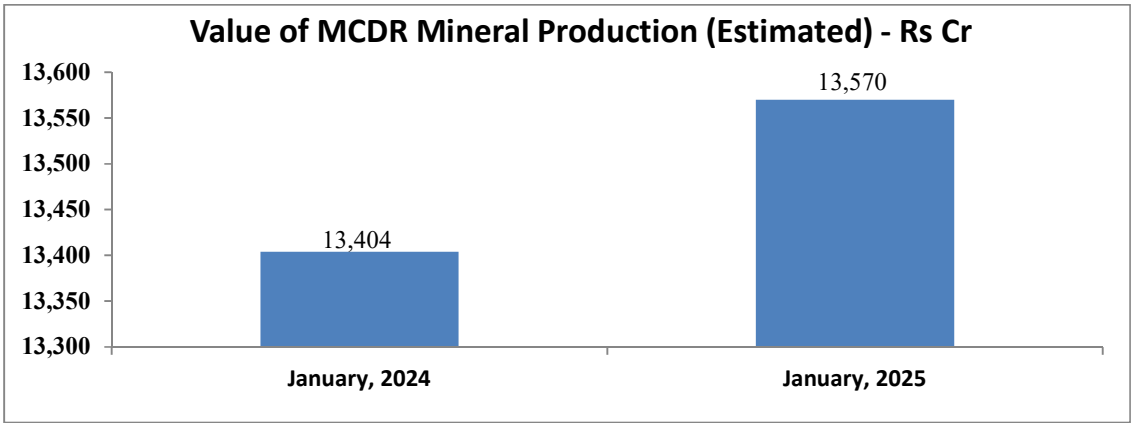
- Kumhardih-Khijuri-Pachambha block, Giridih, Jharkhand for REE & RM (G-4): No resources estimated.

Exploration work was ongoing in 24 projects blocks for non-ferrous minerals and metals at various levels (G4/G3) funded by NMET

In line with national priorities, MECL has been actively engaged in regional and detailed exploration and consultancy services for strategic and critical minerals. This month, exploration activities were carried out in 10 blocks, covering minerals such as Graphite, Rock Phosphate, Potash, Tungsten, Glauconite, and Rare Earth Elements (REE). To date, MECL has successfully completed exploration activities in 14 critical and strategic mineral blocks for the year 2024-25. Additionally, MECL has been providing technical consultancy services for the auction of critical minerals. On January 20, 2025, the Government of India issued the NIT for 15 critical mineral blocks under the 5th Tranche, which includes 7 fresh blocks and 8 blocks from the 2nd attempt.

2. PRODUCTION SCENARIO OF MCDR MINERALS

The estimated value of mineral production covering metallic-ferrous and industrial minerals, but excluding fuel minerals, minor minerals and atomic minerals is Rs. 13,570 crore in **January, 2025** against Rs. 13,404 crore in January, 2024, a rise of 1.2%. The value of mineral production (estimated) for the period 2024-25 (April- January) is Rs.1,18,866 crore as against Rs. 1,12,174 crore during the corresponding period of 2023-24.



A mineral wise analysis is as follows: -

2.1 Production of Minerals: Metallic Minerals

Quantity in Million Tonne; Value in Rs. Crore

Minerals	Current Month December, 2024		Cumulative Previous Year 2023-24 (April- December)		Cumulative Current Year 2024-25 (April- December)		% Growth in Qty. 2024-25 (April- December)	% Growth in Value, 2024-25 (April- December)
	Quantity	Value	Quantity	Value	Quantity	Value		
Bauxite	2.24	255.41	17.04	1,930.13	18.13	2,040.60	6.42	5.72
Chromite	0.32	477.19	2.06	2,853.53	2.28	3,568.91	10.55	25.07
Copper Conc.	0.01	85.02	0.09	914.44	0.08	896.83	-8.99	-1.93
Gold (total)	0.00000010 (104 Kg)	79.49	0.0000010 (951 Kg)	568.20	0.00000107 (1074 Kg)	783.57	12.93	37.90
Iron Ore	25.75	9,540.77	202.64	69,119.91	208.38	73,391.47	2.83	6.18
Lead Conc.	0.032	243.49	0.28	1,880.95	0.29	2,071.10	3.08	10.11
Manganese ore	0.351	292.35	2.42	1,797.10	2.63	2,110.62	8.61	17.45
Zinc Conc.	0.145	950.07	1.23	6,214.64	1.23	6,929.09	-0.08	11.50
Other met. Minerals	**	0.02	**	4002.12	**	3,904.96	**	-2.43
Total Metallic	**	**11,923.82**	**	**89,281.03**	**	**95,697.16**	**	7.19

**Not additive, Source: IBM, Note: The list of MCDR metallic minerals (10) are Bauxite, Chrome ore, Copper ore, Gold, Iron ore, Lead, Manganese ore, Zinc, Tin and Silver as by product.

- In value terms, production of metallic minerals such as Bauxite, Chromite, Gold, Iron ore, Lead conc., Zinc conc. and Manganese ore in table above registered positive growth rate in 2024-25 (April-December) over 2023-24 (April- December).
- Iron ore accounted for 69.7% in total value of MCDR mineral production in 2024-25 (April-December). Iron ore along with Bauxite, Chromite, Copper concentrate, Lead and Zinc conc. and Manganese ore accounted for 86.4% of value of mineral production in 2024-25 (April- December). For these minerals average value per tonne (Rs) is given in following table**:**

Average value per Tonne (Rs)

Minerals	2023-24 (April-Dec)	2024-25 (April-Dec)	% Change
Bauxite	1,133	1,125	-0.65
Chromite	13,852	15,671	13.13
Copper Conc.	1,03,871	1,11,929	7.76
Iron Ore	3,411	3,522	3.26
Lead Conc.	67,217	71,804	6.82
Manganese ore	7,416	8,020	8.14
Zinc Conc.	50,507	56,359	11.59

2.2 Production of Minerals: Non-Metallic Minerals

Quantity in Million Tonne; Value in Rs. Crore

Minerals	Current Month		Cumulative Previous Year		Cumulative Current Year		% Growth in Qty. 2024-25 (April-December)	% Growth in Value, 2024-25 (April-December)
	December, 2024		2023-24 (April- December)		2024-25 (April- December)			
	Quantity	Value	Quantity	Value	Quantity	Value		
Diamond*	495	3.31	31	0.26	3770	22.84	1,2061.29	8,788.83
Garnet (Abrasive)	0.0061	2.39	0.014277	6.01	0.033	12.79	134.48	112.84
Lime shell	0.0001	0.03	0.000741	0.22	0.0003	0.08	-62.21	-62.80
Lime stone	36.83	980.55	329.34	8661.88	323.7	8564.66	-1.73	-1.12
Magnesite	0.008	3.99	0.095869	46.43	0.08	38.85	-12.29	-16.33
Phosphorite	0.155	119.75	1.04775	722.01	1.24	893.04	18.05	23.69
Sillimanite	0.000030	0.01	0.000564	0.20	0.0002	0.07	-56.74	-62.77
Wollastonite	0.008	1.33	0.083011	11.67	0.08	11.96	-6.77	2.49
Other non-metallic	**	4.57	**	40.17	**	54.53	**	35.76
Total_Non_Metallic	**	**1,115.92**	**	**9,488.84**	**	**9,598.82**	**	**1.16**

**Quantity in crt;* ** Not additive; Source: IBM, Note: The list of MCDR Non-metallic minerals (21) are Asbestos, Apatite, Phosphorite/rock phosphate, Diamond, Garnet, Graphite, Kyanite, Limestone, Limeshell, Magnesite, Sillimanite, Selenite, Vermiculite, Wollastonite, Fluorite, Flint stone, Marl, Moulding sand, Sulphuras by product, Salt and Siliceous Earth.

- In value terms, among non-metallic mineralsin table above, Diamond, Garnet, Phosphorite and Wollastonite registered positive growth rate where as Limeshell, Limestone, Magnesite and Sillimanite registered negative growth rate in 2024-25 (April-December) over 2023-24 (April-December).

2.3 Estimated value of minerals production covering metallic and non-metallic minerals other than atomic, fuel and minor minerals

Value in Rs. Crore

Year Month	2023-24	2024-25	YoY % Change	MoM % Change
All Minerals				
November	11,945	12,561	5.2	9.3
December	12,880	13,040	1.2	3.8
January	13,404	13,570	1.2	4.1
Metallic Minerals				
November	10,921	11,499	5.3	11.1
December	11,808	11,924	1.0	3.7
January	12,273	12,409	1.1	4.1
Non-Metallic Minerals				
November	1,023	1,062	3.8	-7.4
December	1,073	1,116	4.0	5.1
January	1,131	1,161	2.7	4.1

Source: IBM; December, 2024 (Revised); January, 2025 (Estimated); YoY: Year on Year; MoM: Month on Month

- The monthly mineral production i.e. all minerals covering metallic and non-metallic minerals has shown a rise of 9.3%, 3.8% and 4.1% in the months of November 2024, December 2024 and January 2025 respectively Similarly, the YoY change in production of all MCDR minerals has shown an increase of 5.2% for November 2024, and a rise of 1.2% for December 2024 and January 2025 each.

2.4 Provisional Production of Important Minerals

In addition, the latest (January 2025) production data (provisional)[1]of some important minerals are as under:

Mineral	Unit	January-24	2023-24 (Apr-Jan)	Dec-24	January-25	2024-25 (Apr-Jan)
Bauxite	MMT	2.4	19.5	2.2	2.4	20.6
Chromite	MMT	0.3	2.3	0.3	0.2	2.5
Copper Ore	MMT	0.3	3.1	0.3	0.3	2.9
Copper Conc.	THT	12.6	100.7	8.0	8.7	88.8
Iron Ore	MMT	25.2	228	25.7	27.9	236
Lead & Zinc Ore	MMT	1.5	13.5	1.4	1.4	13.6
Lead Conc.	THT	33.5	313	32	31.4	320
Zinc Conc.	MMT	0.2	1.4	0.1	0.2	1.4
Limestone	MMT	39.8	369	36.8	41.7	365
Manganese Ore	MMT	0.3	2.7	0.4	0.4	3.0

Iron Ore production for the month of **January 2025** is 27.9 Million Tonnes, as compared to 25.2 Million Tonnes for **January 2024**. The cumulative production of Iron Ore for **2024-25** (**Apr-Jan)** is 236 Million Tonnes as compared to 228 Million Tonnes in **2023-24** (**Apr- Jan).**

[1]*Figures provided are provisional and are subject to change.*

3. INITIATIVES ON CRITICAL MINERALS

3.1 Bilateral Cooperation

Government of India formed a Joint Venture Company Khanij Bidesh India Limited (KABIL) with the objectives of explore, acquire, develop, mine, process, procure and sell strategic and critical minerals from overseas countries for commercial use in India. KABIL is in advance stage of engagements with Australia, Argentina and Chile for critical minerals.

Government of India is in discussion with mineral rich countries for collaborations in the field of Critical Minerals. A G2G MoU for cooperation in the field of mining and processing of Critical and Strategic Minerals exists between Ministry of Mines, the Government of the Republic of India and Department of Industry, Science, Energy and Resources for Australia, the Government of Australia, signed on 3rd June, 2020.

KABIL has signed an Exploration and Development Agreement with CAMYEN, a state-owned enterprise of Catamarca province of Argentina, for the Exploration and development of 5 Lithium Blocks in Argentina.

3.2 Multilateral Cooperation

Mineral Security Partnership (MSP) is an ambitious new US-led multilateral partnership to secure supply chains of critical minerals, aimed at reducing dependency on China. In June 2023, India became newest partner (14thmember country) in MSP, to accelerate the development of diverse and sustainable critical energy minerals supply chains globally while agreeing to the principles of the MSP including environmental, social, and governance standards.

An Indian delegation led by Additional Secretary, Ministry of Mines, attended the Minerals Security Partnership (MSP) Principal's and MSP Forum Meetings on 26th the Sep 2024 in New York, USA.The recent MSP Principal meeting was held to discuss on i) How to expedite MSP projects ii) Implementation of the ESG Framework and iii) Cooperation between MSP partners and MSP Forum.

MSP Forum meeting focused on development of resources in Forum member countries, requirement of technical assistance, policy matters, ESG standards and key challenges in CRM related investments.

3.3 Domestic Legal Framework

In order to boost the domestic supply of critical minerals, the Central Government has amended the Mines and Minerals (Development and Regulation) Act, 1957 through the MMDR Amendment Act, 2023 with effect from 17.08.2023.

Through the said amendment the Central Government has been empowered to exclusively auction mining lease and composite licence for 24 critical minerals listed in the new Part-D of the First Schedule to the said Act which includes nickel. The objective of the said amendment is to increase exploration and mining of critical minerals and ensure self-sufficiency in supply of critical minerals which are essential for the advancement of many sectors, including high-tech electronics, telecommunications, transport, and defence. They are also vital to power the transition to a low-emission economy, and the renewable technologies that will be required to meet the 'Net Zero' commitment of India by 2070.

The auction of critical and strategic minerals brings several key benefits, including bolstering domestic production, reducing import dependency, promoting sustainable resource management, attracting investments in the mining sector and the development of key industries crucial for India's industrial and technological advancement. This is a step towards creating a reliable supply chain of

these mineral and making an ‘Atma Nirbhar Bharat’ and contribute towards increased economic growth.

The Ministry of Mines successfully organized an exclusive roadshow today at Porbandar, Gujarat, to unveil the auction process for India’s first-ever Offshore Areas Mineral Blocks. The event marked a significant step in unlocking the mineral potential of India’s offshore regions, bringing together industry leaders, key stakeholders, and government representatives.

Further, 15 mineral blocks consisting of Graphite, Vanadium, Tungsten, Rare Earth Elements (REE), Glauconite, Phosphorite, Potash, and Nickel from eight States have been put up for auction in 5th Tranche on 20th January 2025.

The Union Cabinet approved the launch of the National Critical Mineral Mission (NCMM) with an expenditure of Rs. 16,300 crore and an expected investment of Rs. 18,000 crore by Public Sector Undertakings (PSUs) etc. The mission will strengthen India’s critical mineral value chain encompassing all stages, including mineral exploration, mining, beneficiation, processing, and recovery from end-of-life products.

4. PRODUCTION SCENARIO OF NON-FERROUS METALS

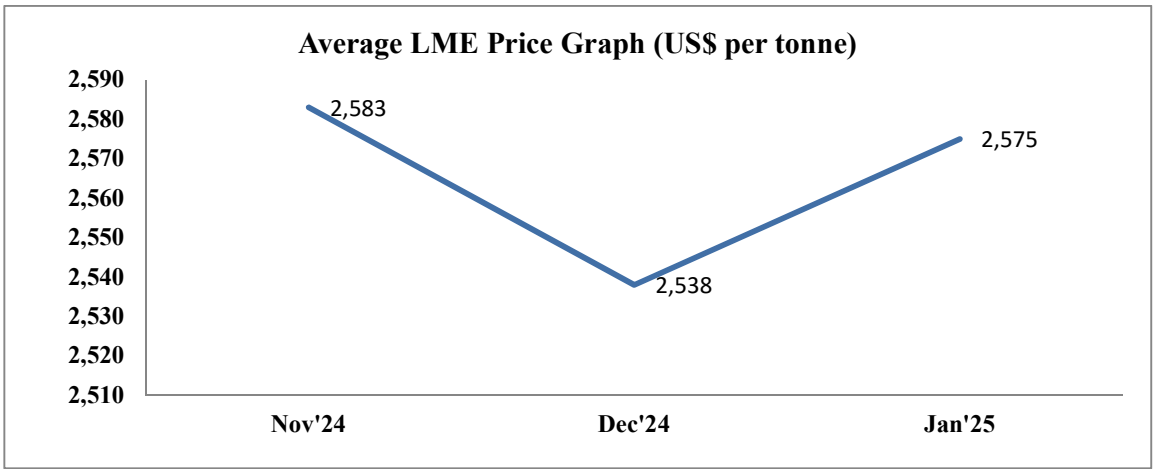
4.1 ALUMINIUM

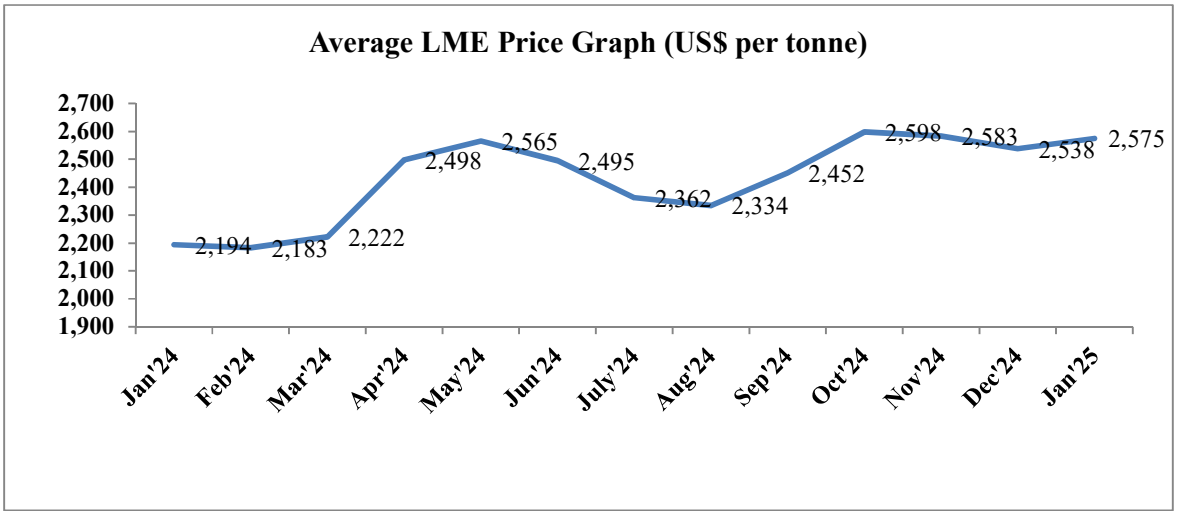
4.1.1 Global Scenario

- The world production of Primary Aluminium Metal during **Apr'2024-Jan'2025 was about 60.634 million tonnes** against world consumption of **60.229 million tonnes,** resulting in a **surplus of 0.405 million tonnes**. During **Jan'25-Mar'25 (Q1-CY 2025)**, the world consumption of **Primary Aluminium Metal is expected to be 18.109 million tonnes** against world **production of around 17.879 million tonnes**, implying a **deficit of 0.230 million tonnes**. The share of India in the world primary Aluminium production was around 5.8% during Apr-Jan-2025.

4.1.2 Price Outlook

- The average London Metal Exchange (LME) price for January, 2025 was US$ 2,575 per tonne as against US$ 2,194 per tonne in January, 2024, thereby registering a growth of 17.35%. The average LME price during the year 2023-24 was US$ 2,205 per tonne and cumulative average LME price for 2024-25 (April- January) was US$ 2,500 per tonne.

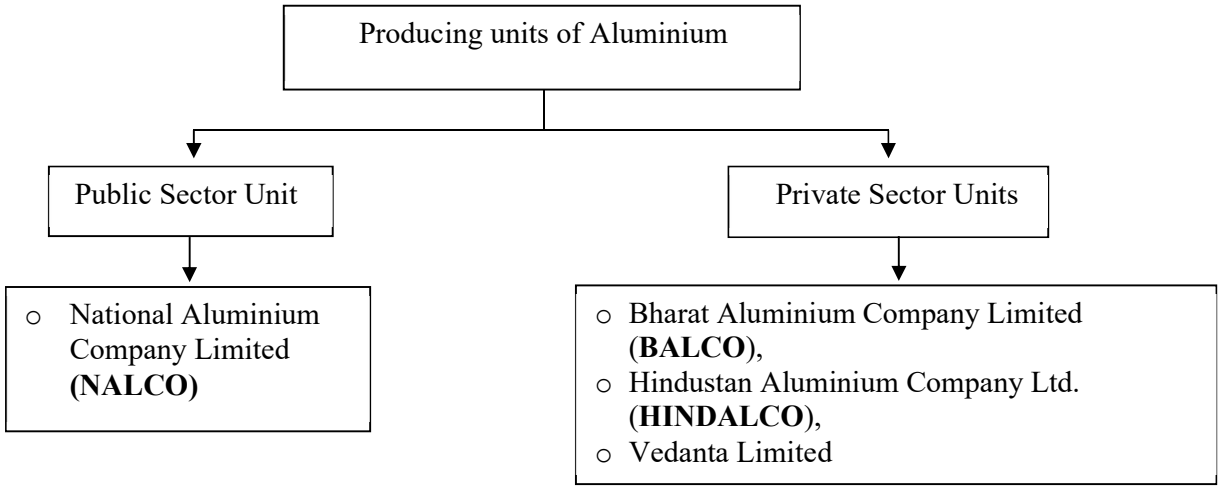




Source: - London Metal Exchange (LME)Aluminium Price Data

4.1.3 Domestic Scenario

In India, following are the domestic producing units of aluminium metal:



Capacity and Production during **FY 2023-24** is as follows:

(Unit: Lakh Tonnes)

Company	Capacity	Production
NALCO	4.60	4.63
BALCO	5.70	5.84
HINDALCO*	13.40	13.31
VEDANTA LTD.	18.0	17.81
Total	**41.70**	**41.59**

***** Renukoot, Hirakund, Mahan, Aditya

Production during the month of **January, 2025**, cumulative production during the period 2024-25 and comparative figures for the previous year is as follows:

(Unit: Lakh Tonnes)

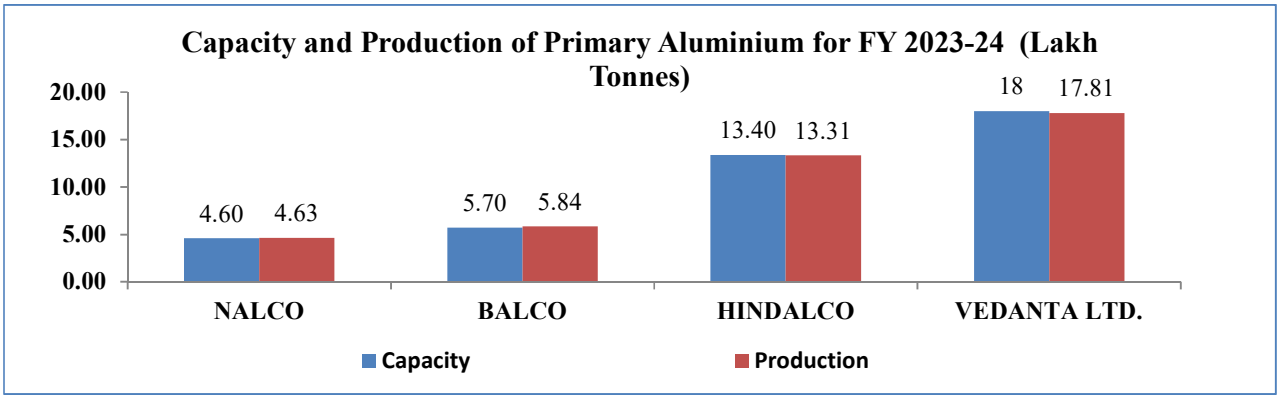
Company	Existing annual capacity (FY 2024-25)	Production (January, 2025)		Cum. Production FY 2024-25 (April- January)		Production (January, 2024)	CumulativeProduction FY 2023-24 (April- January)
		Target	Actual	Target	Actual		
NALCO	4.60	0.40	0.39	3.94	3.82	0.40	3.85
BALCO	5.70	0.50	0.50	4.90	4.91	0.49	4.87
HINDALCO*	13.40	1.13	1.14	11.12	11.07	1.13	11.12
VEDANTA LTD.	18.0	1.57	1.56	15.27	15.30	1.53	14.83
Total	**41.70**	**3.60**	**3.59**	**35.23**	**35.10**	**3.55**	**34.67**

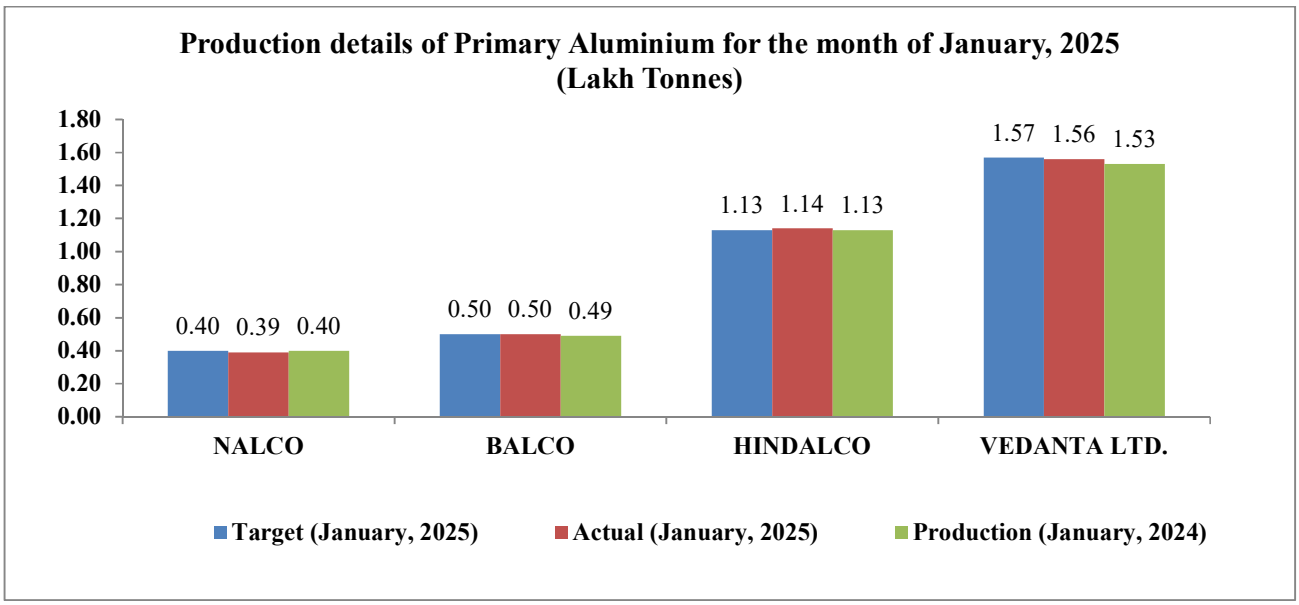
***** Renukoot, Hirakud, Mahan, Aditya

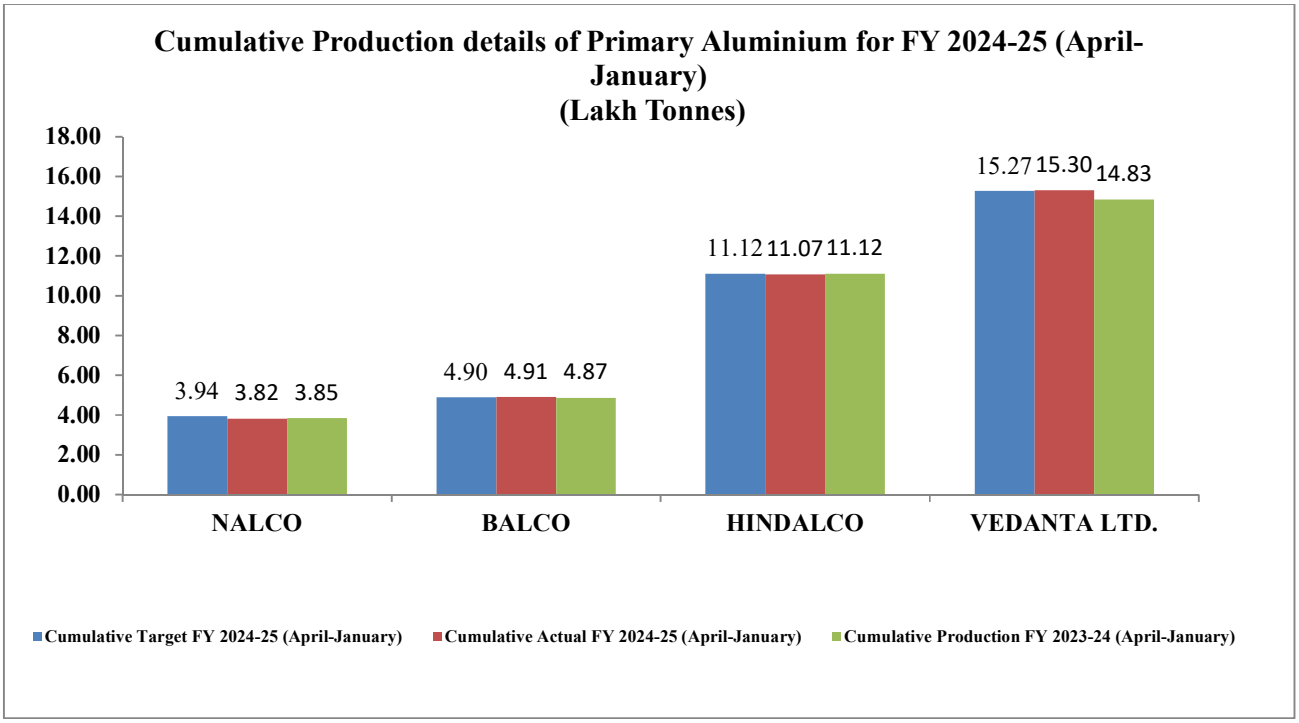
NALCO produced 39,240 Metric Tonne of Aluminium and sold 43,246 Metric Tonne of Aluminium metal in **January, 2025.**

BALCO produced 50,068 Metric Tonne of Aluminium and sold 49,721 Metric Tonne of Aluminium metal in **January, 2025.**

Vedanta Ltd (Aluminium) produced 1,56,361 Metric Tonne of Aluminium and sold 1,55,438 Metric Tonne of Aluminium metal in **January, 2025.**


Capacity and Production of Primary Aluminium for FY 2023-24 (Lakh Tonnes)
20.00
15.00
10.00
5.00
0.00
4.60
4.63
5.70
5.84
13.40
13.31
18
17.81
NALCO
BALCO
HINDALCO
VEDANTA LTD.
Capacity
Production


Production details of Primary Aluminium for the month of January, 2025 (Lakh Tonnes)
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
0.40
0.39
0.40
0.50
0.50
0.49
1.13
1.14
1.13
1.57
1.56
1.53
NALCO
BALCO
HINDALCO
VEDANTA LTD.
Target (January, 2025)
Actual (January, 2025)
Production (January, 2024)


Cumulative Production details of Primary Aluminium for FY 2024-25 (April-January) (Lakh Tonnes)
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
3.94
3.82
3.85
4.90
4.91
4.87
11.12
11.07
11.12
15.27
15.30
14.83
NALCO
BALCO
HINDALCO
VEDANTA LTD.
Cumulative Target FY 2024-25 (April-January)
Cumulative Actual FY 2024-25 (April-January)
Cumulative Production FY 2023-24 (April-January)

4.2 COPPER

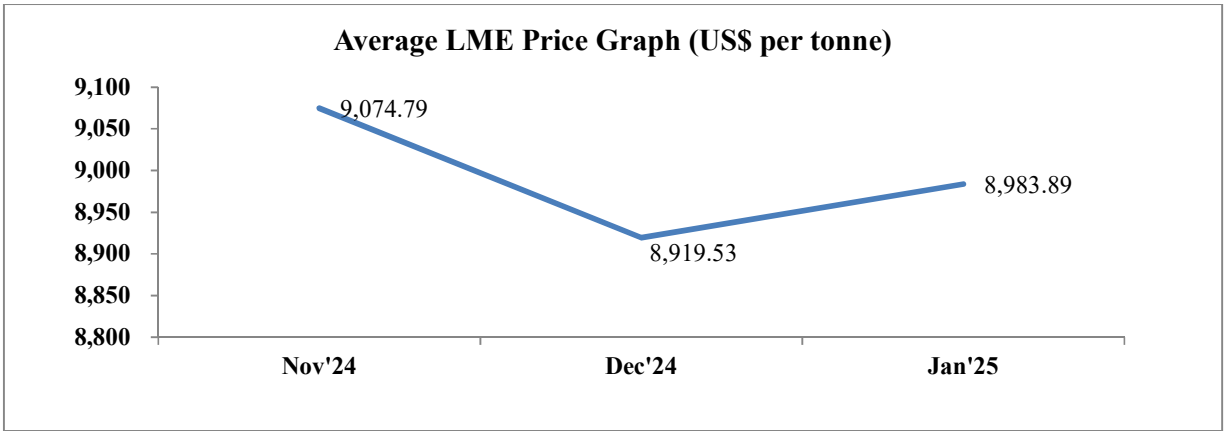
4.2.1 Global Scenario

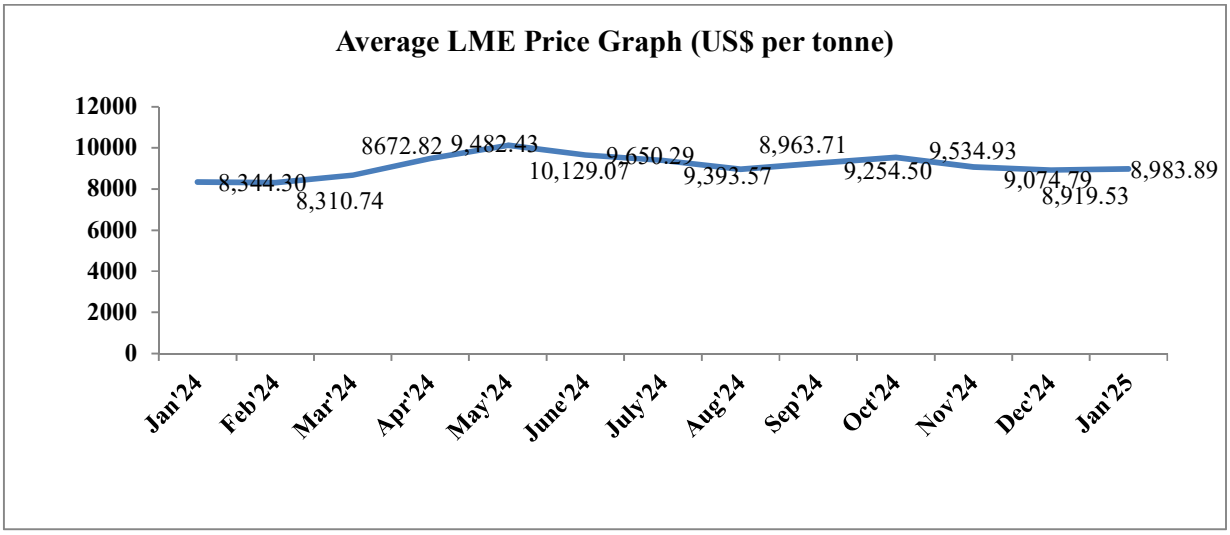
- The world Copper Mine production from December, 2023 to November, 2024 was about 22,690 thousand metric tonnes (TMT). The share of India in the world production was 27.526 TMT i.e. 0.12% during, December, 2023 to November, 2024.

- The world Refined Copper Production from December, 2023 to November, 2024 was about 27,401 TMT against world consumption of 27,196 TMT. As per International Copper Study Group (ICSG) forecast dated 26.09.2024 for the Calendar Year 2024 and 2025, world Refined Copper production and consumption are projected as 27,619 and 27,150 TMT, respectively. The projected world Refined Copper production & consumption from December, 2023 to November, 2024 shall be 27,526 and 27,101 TMT, respectively. By comparing the figures of world Refined Copper production and consumption (Forecast) vs. actual from December, 2023 to November, 2024, it is coming around 99.55% and 100.35%. The share of India in the world production was 1.98% during December, 2023 to November, 2024.

4.2.2 Price Outlook

- The average LME price in January 2025 was US$ 8,983.89 per tonne compared to average LME of US$ 8,344.30 per tonne in January 2024, thereby registering an increase by 7.66%.The average LME price during the year 2023-24 was US$ 8,361.73 per tonne, and cumulative average LME price during 2024-25 (April- January) was US$ 9,338.67 per tonne.





Source: - LME Copper Price Data

4.2.3 Domestic Scenario

- The size of Indian copper industry (consumption of refined copper per annum) is around 6.6 lakh tonnes, which as percentage of world copper market is only three percent.
- Sterlite Industries, Hindalco Industries and Hindustan Copper Ltd. are major producers of refined copper in India.
- Production in India has declined significantly due to the permanent closure of Vedanta's smelter/ refinery plant of Tamil Nadu in May, 2018.

The production of copper cathode in the organized sector by the public sector unit viz. Hindustan Copper Ltd. (**HCL**), and private sector units viz. Hindalco Industries Ltd. (**HINDALCO**, Unit Birla Copper) and Sesa Sterlite Ltd. (**SSL**) in the country, during **FY 2023-24** and the month of **January 2025** is as follows:

Capacity and Production during **FY 2023-24** is as follows:

(Unit: Lakh Tonnes)

Company	Capacity	Production
HCL	0.685	0
HINDALCO	5.00	3.68
SSL	2.16	1.41
Total	**7.85**	**5.09**

Production during the month of **January 2024**, cumulative production during the period 2023-24 and comparative figures for the previous year is as follows:

(Unit: LakhTonnes)

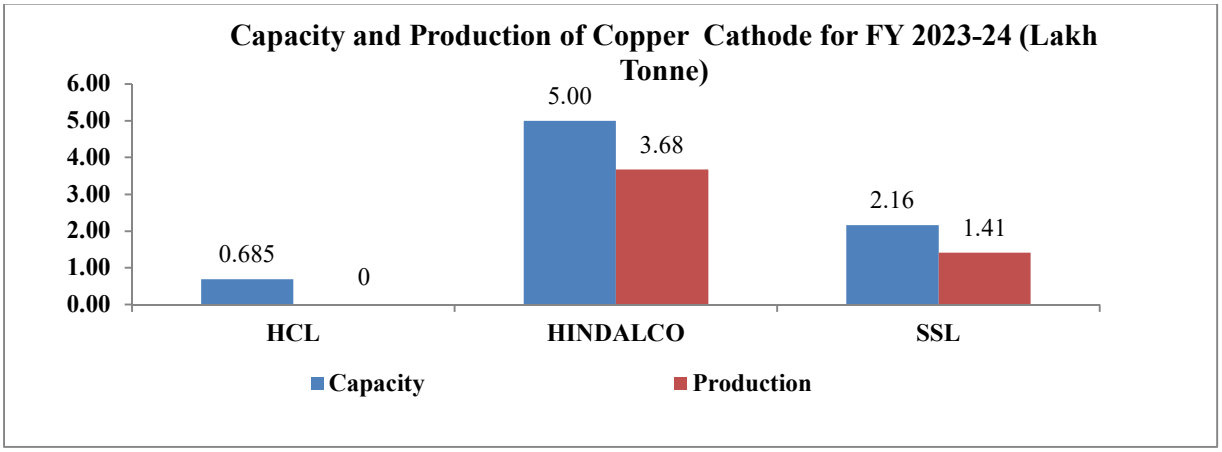
Company	Existing annual capacity (FY 2024-25)	Production (Jan 2025)		Cum. Production FY 2024-25 (April-Jan)		Production (Jan 2024)	Cumulative Production FY 2023-24 (April-Jan)
		Target	Actual	Target	Actual		
HCL	0.685*	0	0	0	0	0	0
HINDALCO	5.00	**	0.38	**	3.29	0.37	2.96
SSL	2.16	0.15	0.15	1.29	1.21	0.13	1.23
Total	**7.85**	**0.15**	**0.53**	**1.29**	**4.50**	**0.50**	**4.19**

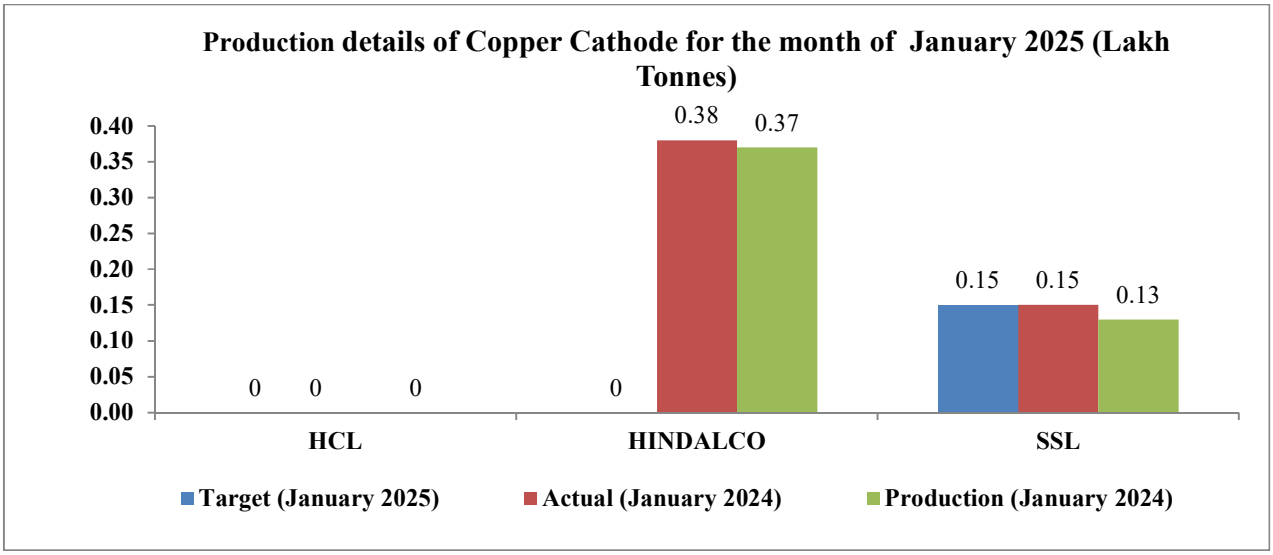
Note:

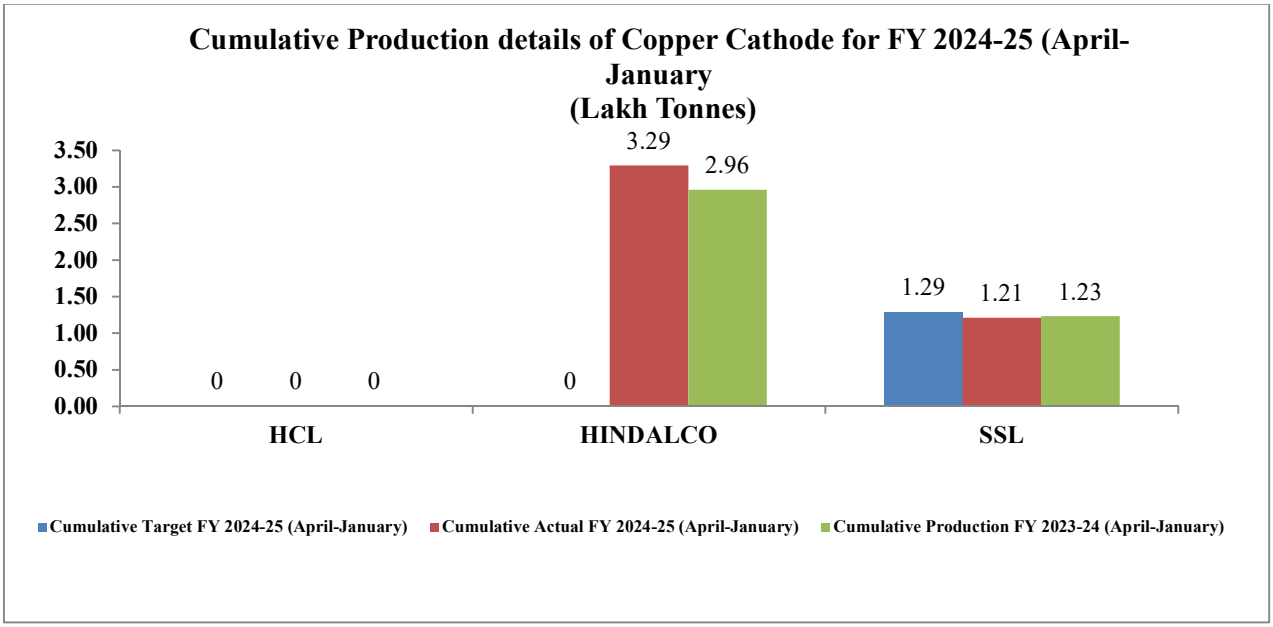
** Installed capacity has been declared on the basis of revised installed capacity of HCL (GCP unit: 50,000 tonnes p.a.; ICC unit: 18,500 tonnes p.a.; and KCC unit is NIL).*

*** Depends upon various economic factors*

**** Metal-in-Concentrate (MIC) produced from ore in HCL is partially converted into refined copper & balance is directly sold in the market.*







4.2.4 Factors Influencing Copper Markets

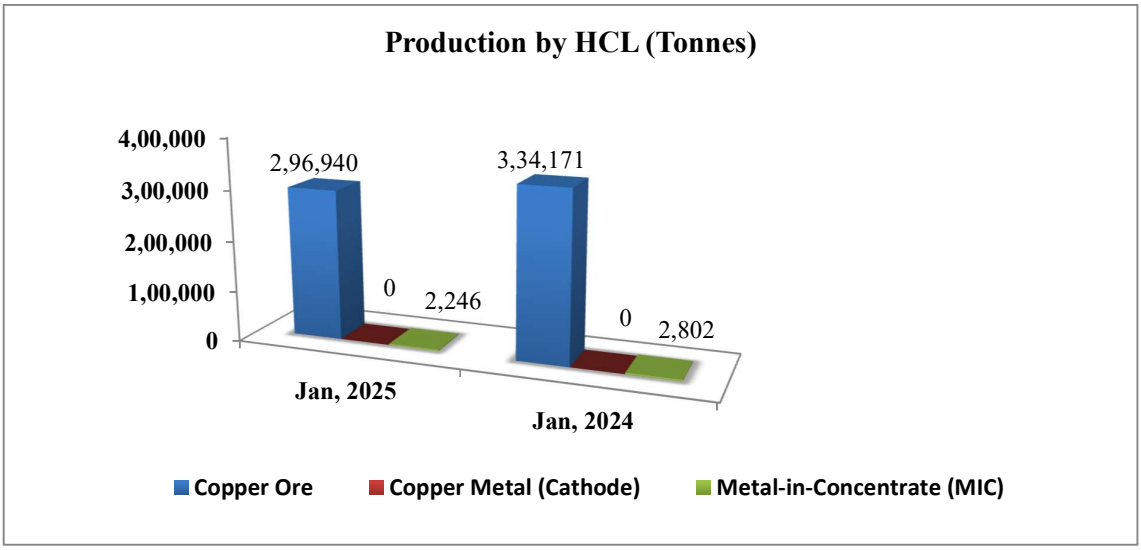
- Copper prices in India are fixed on the basis of the rates that rule on LME and Rupee & US Dollar exchange rate.
- Economic growth of the major consuming countries such as China, USA, Japan, Germany, India etc.
- Growth and development in the Infrastructure, Real-estate, Telecom and Electrical Industry, Renewable Energy and Electrical Vehicle Sector.
- Surplus/Deficit in copper market.

4.2.5 Overall Performance of Hindustan Copper Limited

HCL is the only domestic producer of **Copper Ore**. The production of Copper Ore during **January 2025** was 2.97 lakh tonnes. Production during the corresponding period in the previous year was 3.34 lakh tonnes.

The production of **Copper metal** (cathode) by HCL during **January, 2025** was Nil. HCL is selling Metal-in-Concentrate (MIC) in the market directly. The production of refined Copper (cathode) by HCL during the corresponding period in the previous year was Nil.The MIC production of HCL during **January, 2025** was 2,246 tonnes and it was 2,802 tonnes during the corresponding period in the previous year.

Sr. No.	Particulars	Production (Tonnes)	
		Jan, 2025	Jan, 2024
1	Copper Ore	2,96,940	3,34,171
2	Copper Metal (Cathode)	Nil	Nil
3	Metal-in-Concentrate (MIC) (tonnes)	2,246	2,802



During the month of **January, 2025** production of Metal-in-Concentrate was 72% of the target. The sale of copper (cathode, cc wire rod and MIC) during the month of **January, 2025** was 1,183 MT of MIC.

4.2.6 Physical Performance of Hindustan Copper Limited

(Unit: Metric Tonnes)

Items	Existing annual capacity (FY 2024-25)	Production (Jan 2025)		Cumulative Production FY 2024-25 (April-Jan)		Cumulative Production FY 2023-24 (April-Jan)
		Target	Actual	Target	Actual	
Metal in Concentrate (MIC)	-	3,112	2,246	28,276	21,212	22,044
CC Copper Wire Rods	60,000	2,500	291	27,500	14,051	22,112

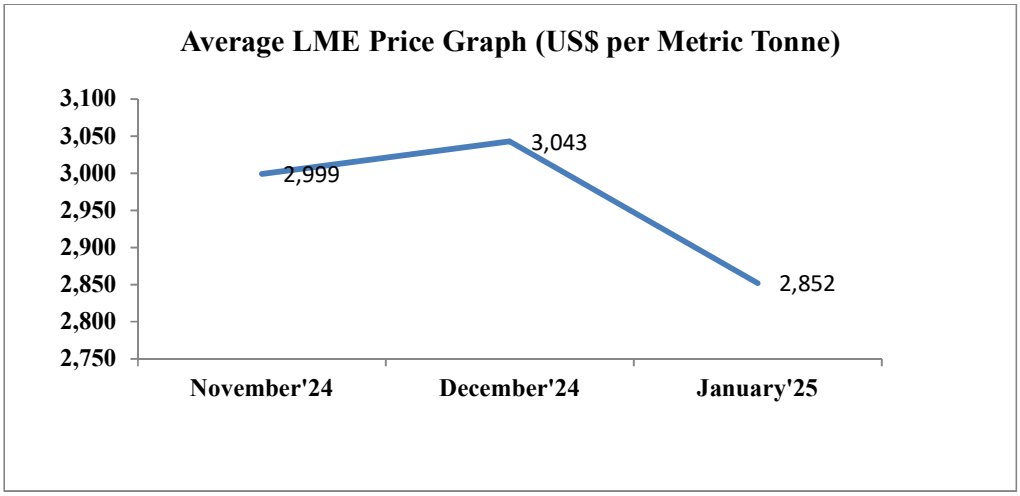
4.3 ZINC

4.3.1 Global Scenario

- The world Zinc metal production in April, 2024 to November, 2024 was about 9,094 thousand metric tonnes and world consumption was 9,264 thousand metric tonnes. The share of India in the world Zinc metal production was 6% during April, 2024 to November, 2024.

4.3.2 Price Outlook

- The average London Metal Exchange (LME) price for January 2025 was US$ 2,852 per metric tonnes as against US$ 2,521 per metric tonnes in January 2024 there by registering an increase of 13%. The average LME price for 2023-24 is US$ 2,483 per metric tonnes, and cumulative average LME price for 2024-25 (April- January) is US$ 2,884 per metric tonnes.



Source: - LME Zinc data

4.3.3 Domestic Scenario

In India, the main producer of Zinc is Hindustan Zinc Limited (**HZL**) (Government of India holds 29.54% of equity share).

Capacity and Production of HZL during **FY 2023-24** is as follows:

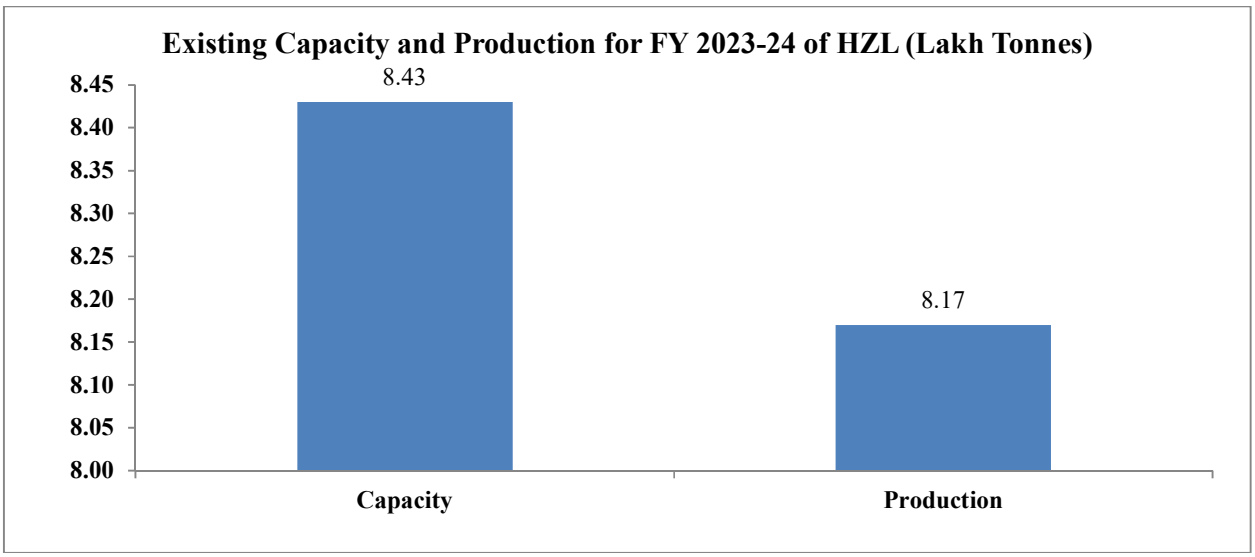
(Unit: Lakh Tonnes)

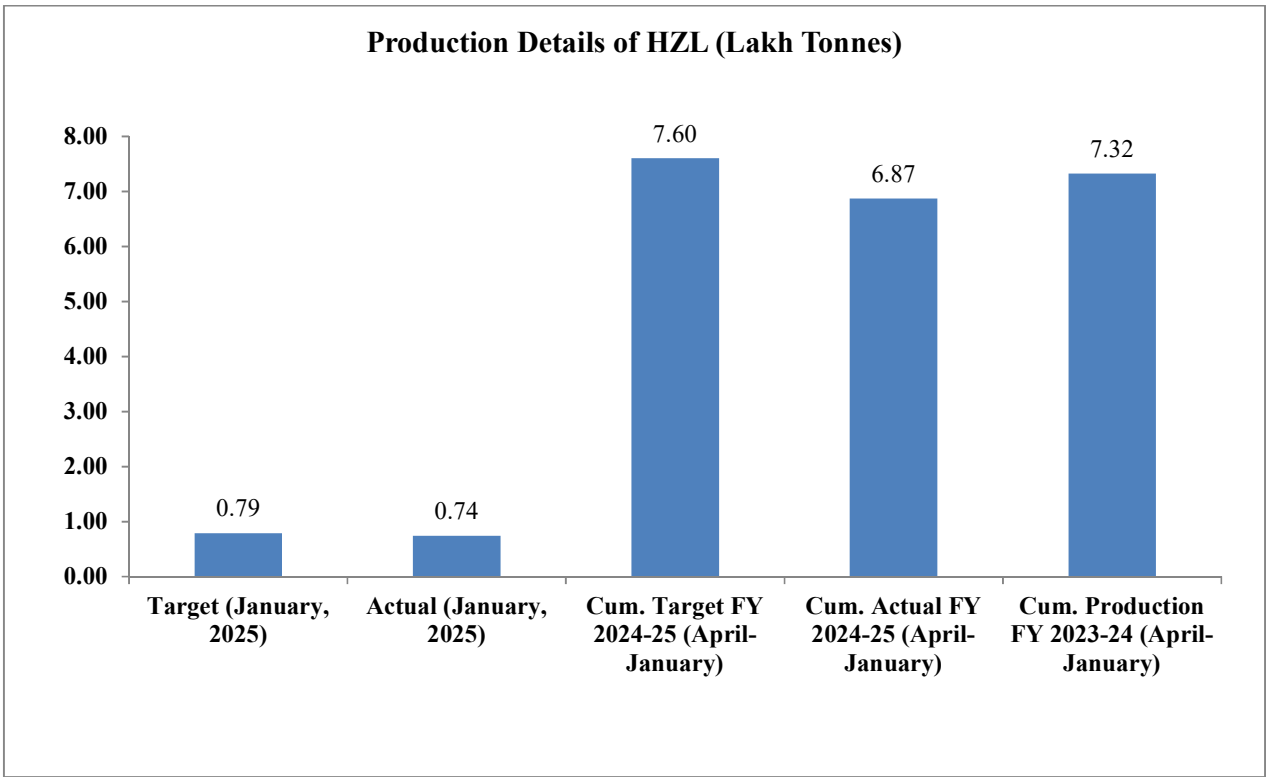
Company	Capacity	Production
HZL	8.43	8.17

Production detail of HZL during the month of **January 2025**, cumulative production during the period 2023-24 and comparative figures for the previous year are as follows:

(Unit: Lakh Tonnes)

Company	Existing annual capacity (FY 2024-25)	Production (January 2025)		Cumulative Production FY 2024-25 (April- January)		Cumulative Production FY 2023-24 (April- January)
		Target	Actual	Target	Actual	
HZL	8.43	0.79	0.74	7.60	6.87	7.32


Existing Capacity and Production for FY 2023-24 of HZL (Lakh Tonnes)
8.45
8.40
8.35
8.30
8.25
8.20
8.15
8.10
8.05
8.00
8.43
8.17
Capacity
Production


Production Details of HZL (Lakh Tonnes)
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0.79
0.74
7.60
6.87
7.32
Target (January, 2025)
Actual (January, 2025)
Cum. Target FY 2024-25 (April-January)
Cum. Actual FY 2024-25 (April-January)
Cum. Production FY 2023-24 (April-January)

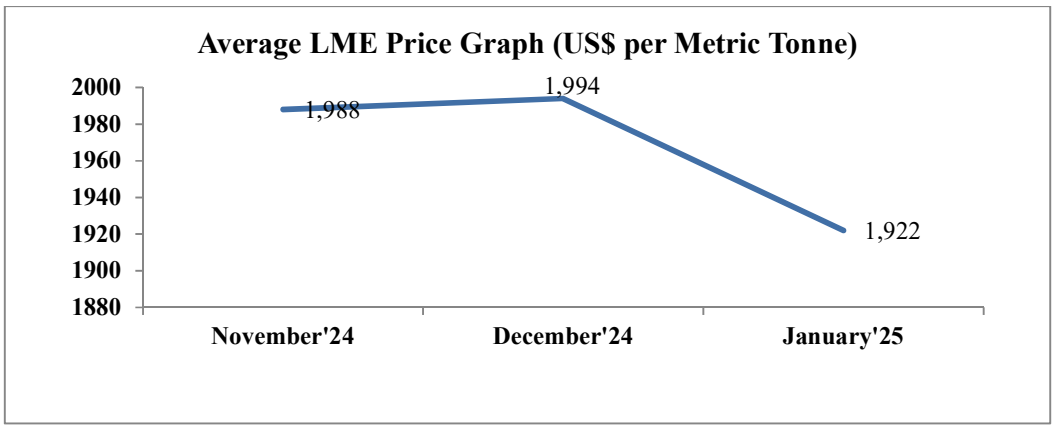
4.4 LEAD

4.4.1 Global Scenario

- The world Lead metal production during April, 2024 to November, 2024 was about 8,659 thousand metric tonnes and world consumption was 8,740 thousand metric tonnes. The share of India in the world Lead metal production was 8% during April, 2024 to November, 2024.

4.4.2 Price Outlook

- The average London Metal Exchange (LME) price for January 2025 was US$ 1,922 per metric tonnes as against US$ 2,088 per metric tonnes in January 2024 there by registering a decrease of 8%. The average LME price for 2023-24 is US$ 2,122 per metric tonnes, and cumulative average LME price for 2024-25(April- January) is US$ 2,057 per metric tonnes.



Source: - LME Lead data

4.4.3 Domestic Scenario

Capacity and Production of HZL during **FY 2023-24** is as follows:

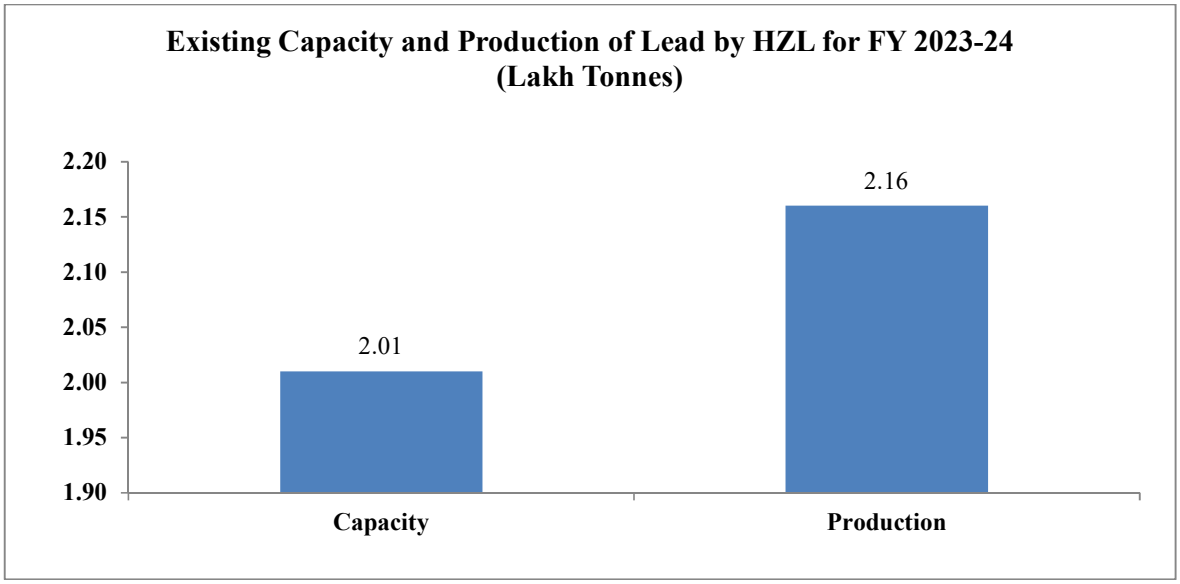
(Unit: Lakh Tonnes)

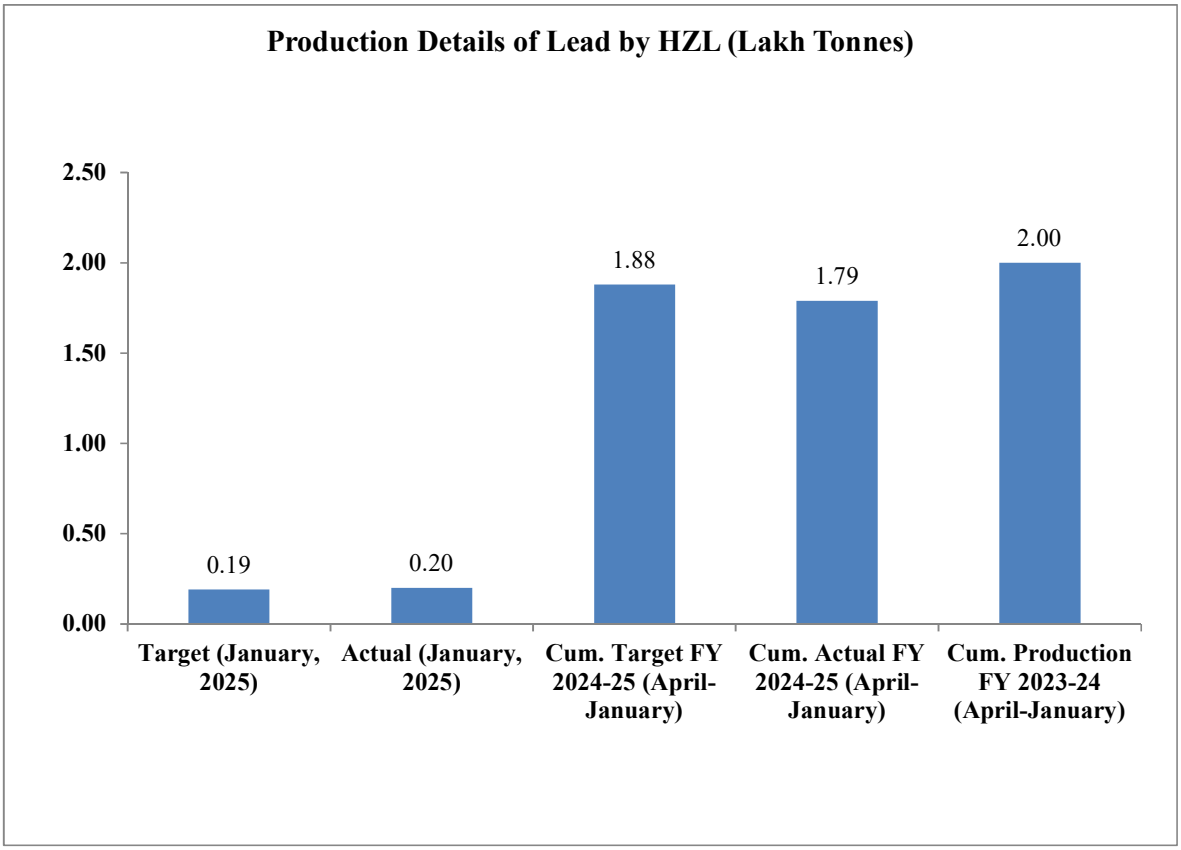
Company	Capacity	Production
HZL	2.01	2.16

Production detail of HZL during the month of **January 2025**, cumulative production during the period 2024-25 and comparative figures for the previous year are as follows:

(Unit: Lakh Tonne)

Company	Existing annual capacity (FY 2024-25)	Production (January 2025)		Cumulative Production FY 2024-25 (April- January)		Cumulative Production FY 2023-24 (April- January)
		Target	Actual	Target	Actual	
HZL	2.01	0.20	0.19	1.79	1.88	2.00

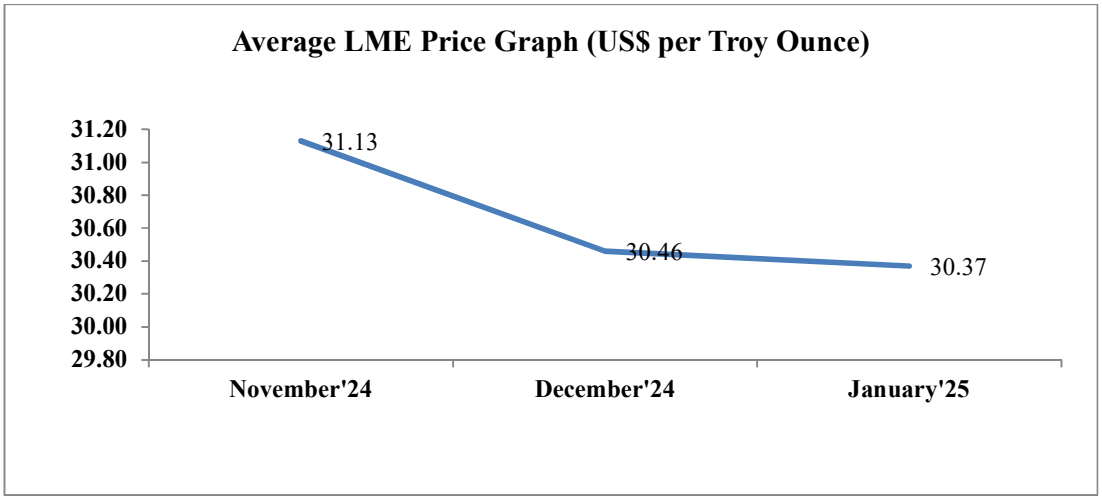

Existing Capacity and Production of Lead by HZL for FY 2023-24
(Lakh Tonnes)
2.20
2.15
2.10
2.05
2.00
1.95
1.90
2.01
2.16
Capacity
Production


Production Details of Lead by HZL (Lakh Tonnes)
2.50
2.00
1.50
1.00
0.50
0.00
0.19
0.20
1.88
1.79
2.00
Target (January, 2025)
Actual (January, 2025)
Cum. Target FY 2024-25 (April-January)
Cum. Actual FY 2024-25 (April-January)
Cum. Production FY 2023-24 (April-January)

4.5 SILVER

4.5.1 Price Outlook

- The average London Metal Exchange (LME) price for January 2025 was US$ 30.37 per Troy Ounce as against US$ 22.95 per Troy Ounce in January 2024 there by registering an increase of 32%.The average LME price for 2023-24 is US$ 23.63 per Troy Ounce, and cumulative average LME price for 2024-25 (April- January) is US$ 29.92 per Troy Ounce.



Source: - LME Silver data

4.5.2 Domestic Scenario

Capacity and Production of HZL during **FY 2023-24** is as follows:

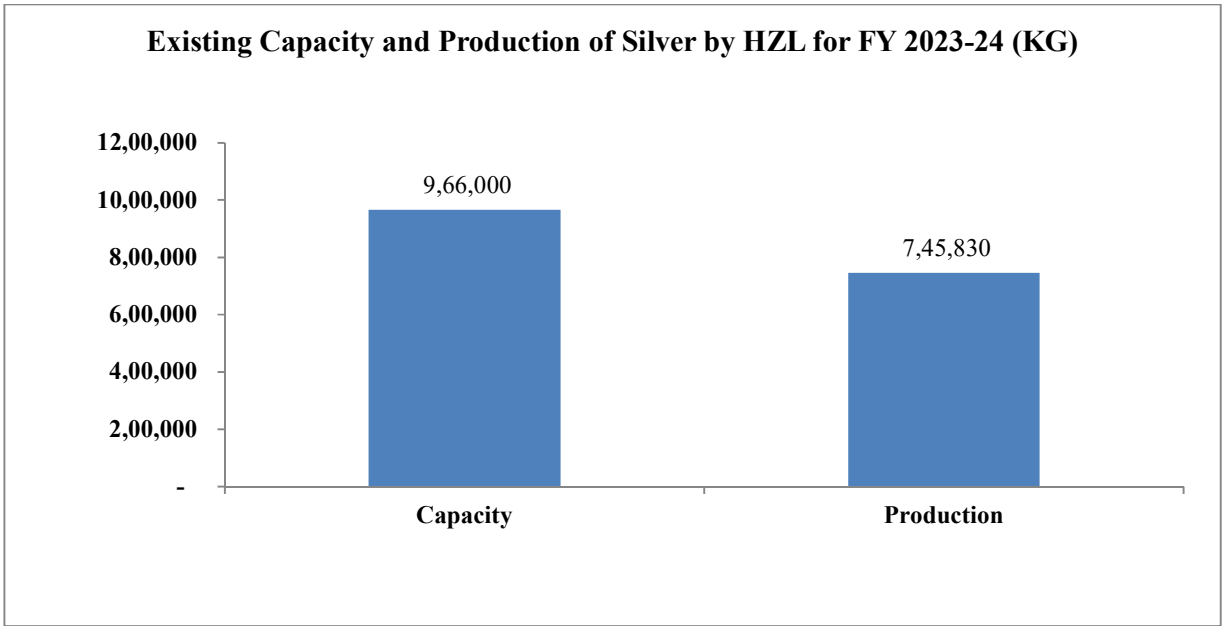
(Unit: Kg)

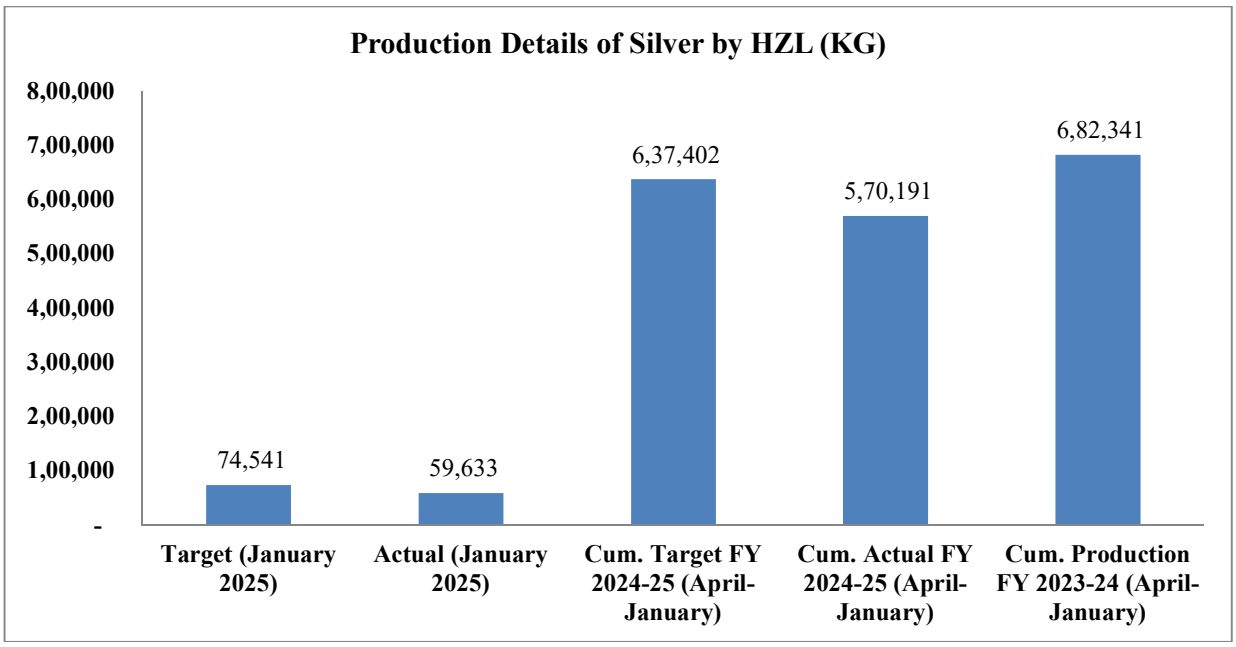
Company	Capacity	Production
HZL	9,66,000	7,45,830

Production detail of HZL during the month of **January, 2025**, cumulative production during the period 2024-25 and comparative figures for the previous year are as follows:

(Unit: Kg)

Company	Existing annual capacity (FY 2024-25)	Production (January 2025)		Cumulative Production FY 2024-25 (April- January)		Cumulative Production FY 2023-24 (April- January)
		Target	Actual	Target	Actual	
HZL	9,66,000	74,541	59,633	6,37,402	5,70,191	6,82,341

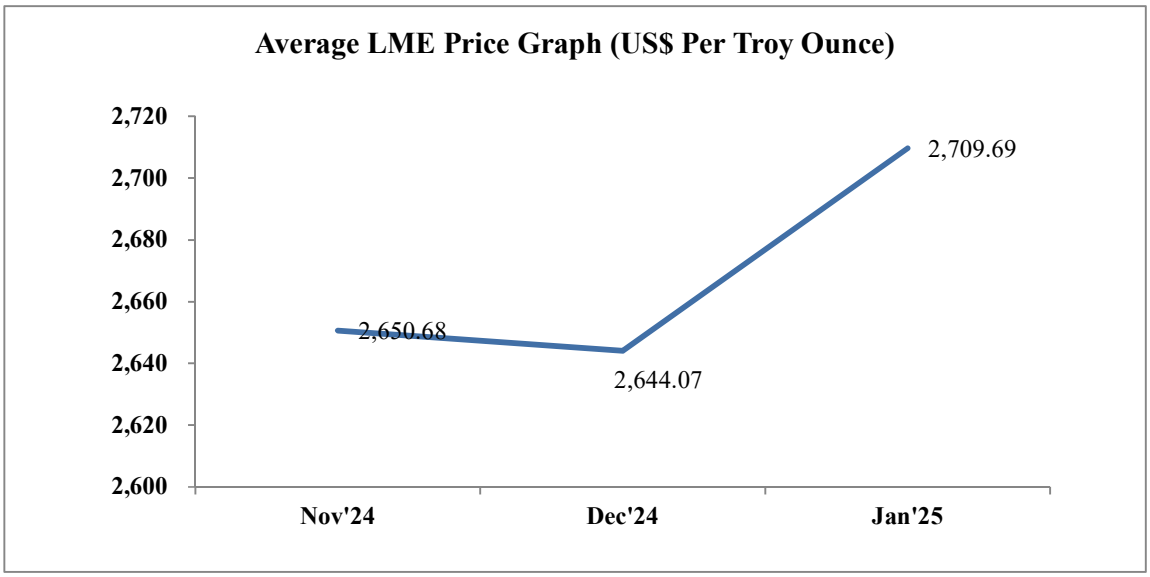

Existing Capacity and Production of Silver by HZL for FY 2023-24 (KG)
12,00,000
10,00,000
8,00,000
6,00,000
4,00,000
2,00,000
-
9,66,000
7,45,830
Capacity
Production


Production Details of Silver by HZL (KG)
8,00,000
7,00,000
6,00,000
5,00,000
4,00,000
3,00,000
2,00,000
1,00,000
-
74,541
59,633
6,37,402
5,70,191
6,82,341
Target (January 2025)
Actual (January 2025)
Cum. Target FY 2024-25 (April-January)
Cum. Actual FY 2024-25 (April-January)
Cum. Production FY 2023-24 (April-January)

4.6 GOLD

4.6.1 Price Outlook:

- The average London Metal Exchange (LME) price for January 2025 was US$ 2,709.69 per Troy Ounce as against US$ 2,034.04 per Troy Ounce in January 2024 thereby registering an increase of 25%.



Source: -LME Gold Price Data

4.6.2 Domestic Scenario

The total production details of gold produced by Hutti Gold Mines Limited (**HGML**) and **Hindalco** during the month of **January 2025** is given below:

(Unit: Kg)

Name of the Company	Production in January, 2025
Hutti Gold Mines of HGML	114.47
UTI Gold Mine of HGML	2.47
Hira-Buddinni Gold Mine of HGML	5.83
HINDALCO IND. LTD	1,000
Total	**1,122.77**
