MONTHLY SUMMARY ON

MINERALS & NON-FERROUS METALS

August, 2024

GOVERNMENT OF INDIA
MINISTRY OF MINES

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1. SURVEY AND EXPLORATION

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

1.1Geological Survey of India (GSI)

Minerals Investigation: During the month of **August2024, 199.1sq. km** of Large Scale Mapping (**LSM**), **6.5 sq. km**of Detailed Mapping (**DM**) and **8652.78m**of **Drilling** were carried out against monthly pro-rata targets (*) of 0 sq.km., 0sq. km. and 8,100m, respectively.

Regional Geological MappingInvestigation: 363sq. km area was mapped under Specialized Thematic Mapping (STM) (on 1:25,000 Scale) against a monthly pro-rata target of 0 sq. km.

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

1.2Mineral Exploration and Consultancy Limited (MECL)

The physical performance i.e., exploratory drilling during the month of **August 2024,** is 32,820.59 meter which include 3,644.85 meter of non-ferrous minerals (including NMET& Contractual blocks)

During **August, 2024,** regional and detailed mineral exploration activities were carried out for 13 numbers of mineral acreages entailing G4/G3 level assignments under NMET funding.

Geological report submitted during the month August 2024: During the month, MECL has submitted three geological reports from NMET funded projects and estimated a total of 0.364 million tonnes of mineral resources. The details are as follows:

- Miregaon Block (G-4) Dist. Bhandara and Gondia, Maharashtra for Copper, Gold, Silver-MECL estimated and 0.364 m.t. of Copper resources @ 0.64% Cu at 0.0205Cu cutoff.
- PokharChhaili block (G-4) for tin, district TehriGarhwal, Uttarakhand-No resource estimated.
- Khairlanji block (G-4) for REE, district Balghat&Seoni, Madhya Pradesh- No resource estimated.

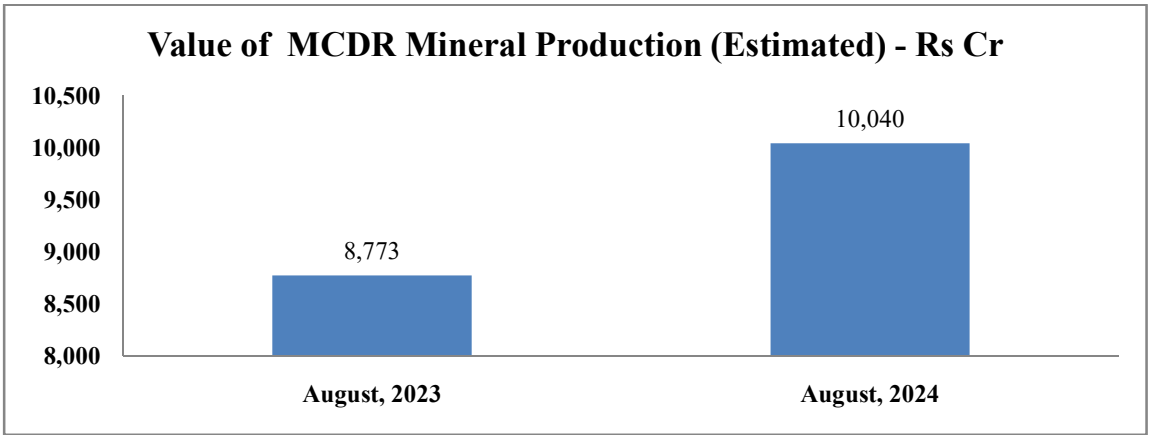
Exploration work was in progress in 25 numbers of blocks under non-ferrous minerals & metals categories in various levels (G4/G3) funded by NMET.

Aligned with national priorities, MECL has been pursuing regional and detailed exploration and consultancy services for strategic and critical minerals. During the month, exploration activities carried out in 14 numbers of block which include minerals like Graphite, Rock Phosphate, Glauconite sandstone, PGE and REE.

Further, MECL is in process of finalising the list and preparation of Mineral Block Summary and Part -IVA for the blocks to be auctioned for 5thTranche of Auction of Critical Minerals.

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. 10,040 crore in **August, 2024**against Rs. 8,773croreinAugust, 2023,a rise of 14.4%. The value of mineral production (estimated) for the period 2024-25 (April-August) is Rs. 59,514.6crore as against Rs. 52,873.4crore during the corresponding period of 2024-25.



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 July, 2024		Cumulative Previous Year 2023-24 (April-July)		Cumulative Current Year 2024-25 (April-July)		% Growth in Qty. 2024-25 (April-July)	% Growth in Value, 2024-25 (April-July)
	Quantity	Value	Quantity	Value	Quantity	Value		
Bauxite	1.50	186.48	7.49	858.43	8.49	920.27	13.29	7.20
Chromite	0.17	281.31	1.32	1,689.52	1.34	2,139.42	1.24	26.63
Copper Conc.	0.01	92.88	0.04	389.38	0.04	440.24	0.67	13.06
Gold (total)	0.00000015 (152 Kg)	110.18	0.0000004 (402 Kg)	239.87	0.00000048 (479 Kg)	345.61	19.15	44.08
Iron Ore	18.72	6,217.62	90.19	30,562.40	97.88	34,543.52	8.53	13.03
Lead Conc.	0.031	212.29	0.13	835.42	0.13	899.74	3.81	7.70
Manganese ore	0.261	242.31	1.11	864.89	1.27	1,086.04	13.64	25.57
Zinc Conc.	0.134	701.97	0.53	2,701.82	0.54	2,832.44	1.48	4.83
Other met. Minerals	**	531.76	**	1,650.53	**	1,956.81	**	18.56
Total Metallic	**	**8,576.80**	**	**39,792.28**	**	**45,164.09**	**	**13.50**

**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 asBauxite, Chromite, Copper Conc., Gold, Iron ore, Lead conc., Zinc conc. and Manganese ore in table above registered positive growth rate in 2024-25 (April-July) over 2023-24 (April-July).
- Iron ore accounted for 70% in total value of MCDR mineral production in 2024-25 (April-July). Iron ore along with Bauxite, Chromite, Copper concentrate, Lead and Zinc conc. and Manganese ore accounted for 86.6% of value of mineral production in 2024-25 (April-July). For these minerals average value per tonne (Rs) is given in following table**:**

Average value per Tonne (Rs)

Minerals	2023-24 (April-July)	2024-25 (April-July)	% Change
Bauxite	1,146	1,084	-5.37
Chromite	12,761	15,961	25.08
Copper Conc.	1,02,424	1,15,035	12.31
Iron Ore	3,389	3,529	4.15
Lead Conc.	66,666	69,164	3.75
Manganese ore	7,762	8,578	10.50
Zinc Conc.	50,590	52,263	3.31

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-July)	% Growth in Value, 2024-25 (April-July)
	July, 2024		2023-24 (April-July)		2024-25 (April-July)			
	Quantity	Value	Quantity	Value	Quantity	Value		
Diamond*	236	1.65	18	0.19	1,353	8.16	7,416.67	4,147.81
Garnet (Abrasive)	0.0035	1.44	0.0086	3.61	0.015	5.16	69.95	43.07
Lime shell	0.0000	0.00	0.0002	0.06	0.00	0.00	-100.00	-100.00
Lime stone	33.85	920.02	148.99	3,901.32	149.9	3,979.97	0.63	2.02
Magnesite	0.008	4.09	0.041047	20.19	0.04	18.45	3.94	-8.58
Phosphorite	0.116	86.12	0.54	354.81	0.50	263.67	-7.54	-25.69
Sillimanite	0.000008	0.0028	0.000361	0.13	0.0002	0.04	-57.89	-67.33
Wollastonite	0.009	1.36	0.038860	5.34	0.04	6.04	2.32	13.01
Other non-metallic	**	5.72	**	22.49	**	28.98	**	28.86
Total_Non_Metallic	**	**1,020.40**	**	**4,308.13**	**	**4,310.47**	**	**0.05**

**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,Limestone and Wollastonite registered positive growth rate whereasLime shell, Magnesite, Sillimaniteand Phosphorite registered negative growth rate in 2024-25 (April-July) over 2023-24 (April- July).

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				
June	11,135	13,710	23.1	-3.7
July	8,387	9,597	14.4	-30.0
August	8,773	10,040	14.4	4.6
Metallic Minerals				
June	10,055	12,647	25.8	-2.0
July	7,401	8,577	15.9	-32.2
August	7,732	8,972	16.0	4.6
Non-Metallic Minerals				
June	1,080	1,063	-1.5	-19.7
July	985	1,020	3.6	-4.0
August	1,041	1,068	2.6	4.6

Source: IBM; July, 2024 (Revised);August, 2024 (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 decline of 3.7% and 30% in the months of June 2024 and July 2024, respectively and a rise of 4.6% in the month of August 2024. Similarly, the YoY change in production of all MCDR minerals has shown an increase of 23.1% for June2024, and 14.4% forJuly2024 and August2024each.

2.4 Provisional Production of Important Minerals

In addition, the latest (August 2024) production data (provisional)[1]of some important minerals are as under:

Mineral	Unit	August-23	2023-24 (Apr-Aug)	July-24	August-24	2024-25 (Apr- Aug)
Bauxite	MMT	1.4	8.9	1.5	1.5	10.0
Chromite	MMT	0.1	1.5	0.2	0.2	1.5
Copper Ore	MMT	0.3	1.6	0.3	0.3	1.5
Copper Conc.	THT	10.2	48.3	8.7	8.9	47.1
Iron Ore	MMT	18.1	108.3	18.7	18.1	115.9
Lead & Zinc Ore	MMT	1.3	6.5	1.3	1.4	6.6
Lead Conc.	THT	30.0	155.3	31.2	31.1	161.2
Zinc Conc.	MMT	0.1	0.7	0.1	0.1	0.7
Limestone	MMT	36.5	185.5	34.3	32.2	183.1
Manganese Ore	MMT	0.2	1.3	0.3	0.2	1.5

Iron Ore production for the month of**August, 2024**is18.1 Million Tonnes, similar to 18.1 Million Tonnes for **August,2023**. The cumulative production of Iron Ore for **2024-25**(**Apr-Aug)** is 115.9 Million Tonnes as compared to 108.3 Million Tonnes in **2023-24**(**Apr-Aug).**

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

3. INITIATIVES ON CRITICAL MINERALS

3.1Bilateral Cooperation

Government of India formed a Joint Venture Company KhanijBidesh 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.

3.2Multilateral 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.

3.3Domestic 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.

Central Government had launched 3 tranches of auction of critical and strategic mineral. In these three tranches, total of 38 critical mineral blocks were notified for auction, bearing thirteen unique critical and strategic minerals. These blocks are located across 14 States and Union Territory.The preferred bidders for 08 blocks (04 each from Tranche II & III) was announced on 20th July2024. These blocks were from the states of Madhya Pradesh (03), Karnataka (01), Bihar (03), andUttar Pradesh (01) having mineral commodities of graphite, vanadium, nickel, chromium, platinumgroup of elements (PGE) and glauconite.

On 14th August, 2024, Ministry of Mines hosted the Budget Seminar on the National Critical Minerals Mission to strengthen India's position in the global green technology sector. The seminar brought together industry leaders, innovative start-ups, Government officials, scientists, academia, and policy experts to collaborate on a comprehensive strategy for the National Critical Minerals Mission. Participants engaged in in-depth discussions on various focus areas of the Mission. National Critical Minerals Mission is aimed at reinforcing India's Critical Mineral value chain across all stages – from exploration and mining to beneficiation, processing, and recovery from end-of-life products.

4. PRODUCTION SCENARIO OF NON-FERROUS METALS

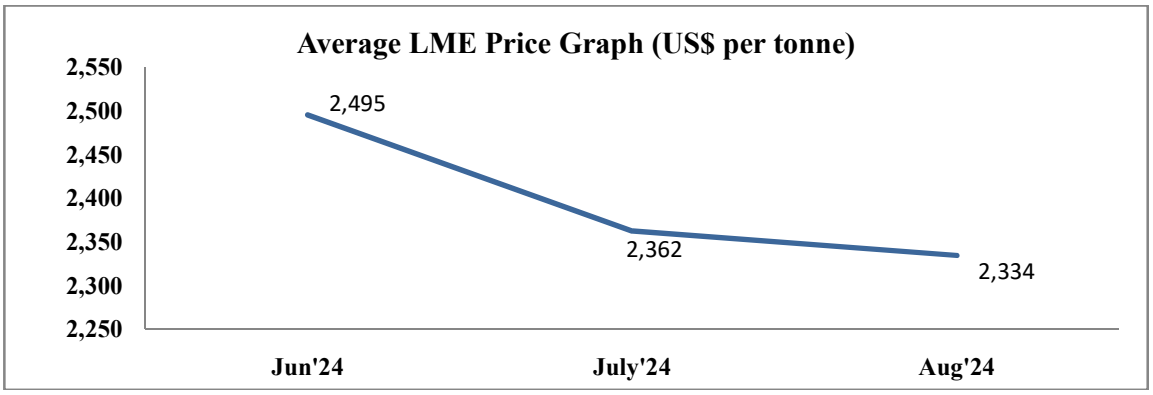
4.1 ALUMINIUM

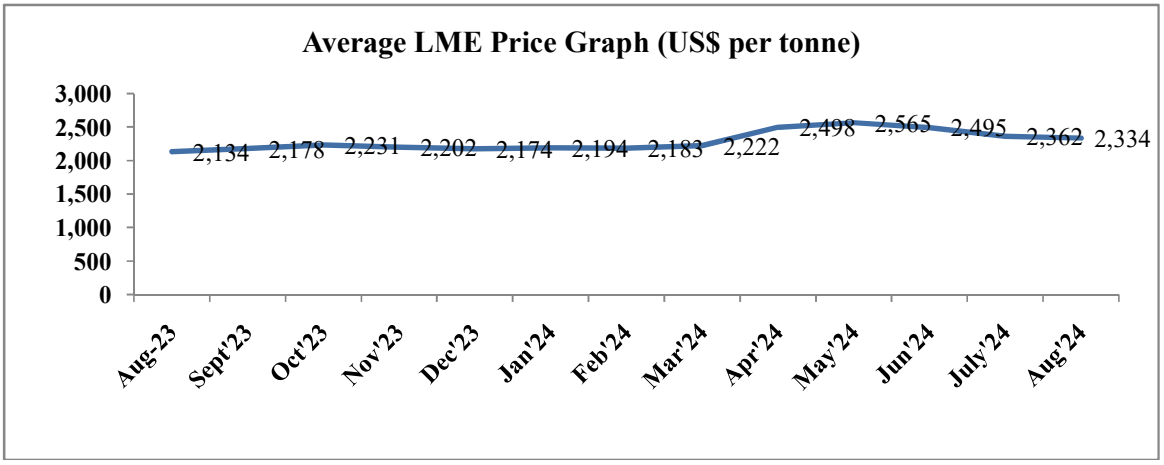
4.1.1 Global Scenario

- The world production of Primary Aluminium Metal during (Apr-Aug) 2024 was about **30.285million tonnes** against world consumption of **30.257 million tonnes**, resulting in a surplus of **0.027 million tonnes**. During Jul-Sep,2024 (Q3- CY 2024), the world consumption of Primary Aluminium Metal is expected to be **18.242 million tonnes** against world production of around **18.219 million tonnes**, implying a deficit of **0.023 million tonnes**. The share of India in the world primary Aluminium production was around 5.8% during (Apr-Aug) 2024

4.1.2 Price Outlook

- The average London Metal Exchange (LME) price forAugust,2024was US$ 2,334 per tonne as against US$ 2,134per tonne in August, 2023, thereby registering a growth of 9.4%. The average LME price during the year 2023-24 was US$ 2,205 pertonne and cumulative average LME price for 2024-25(April-August) was US$2,451per tonne.

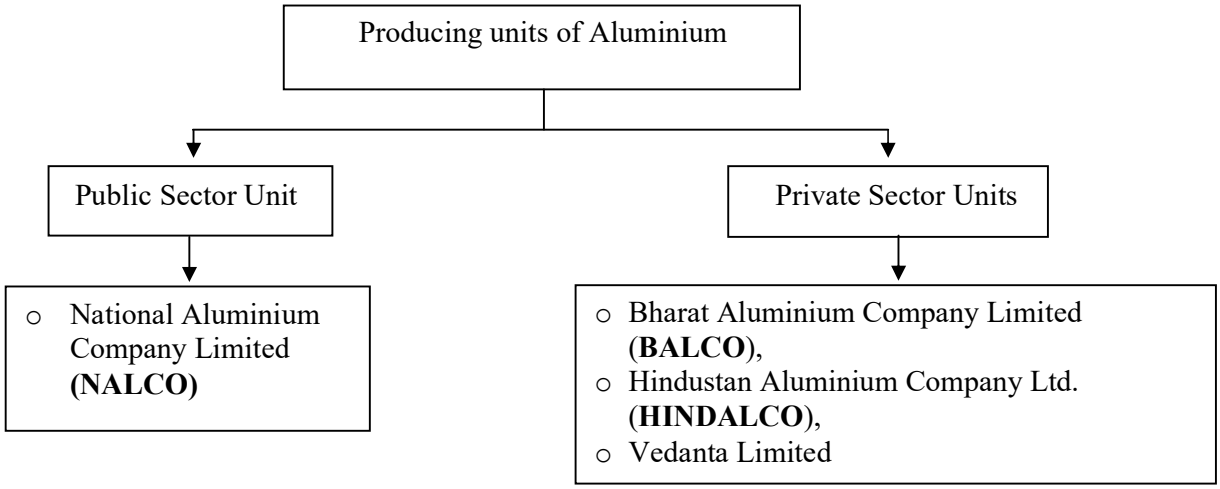




Source: - London Metal Exchange (LME)Aluminium Price Data

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 **August, 2024**, cumulative production during the period 2024-25and comparative figures for the previous year isas follows:

(Unit: Lakh Tonnes)

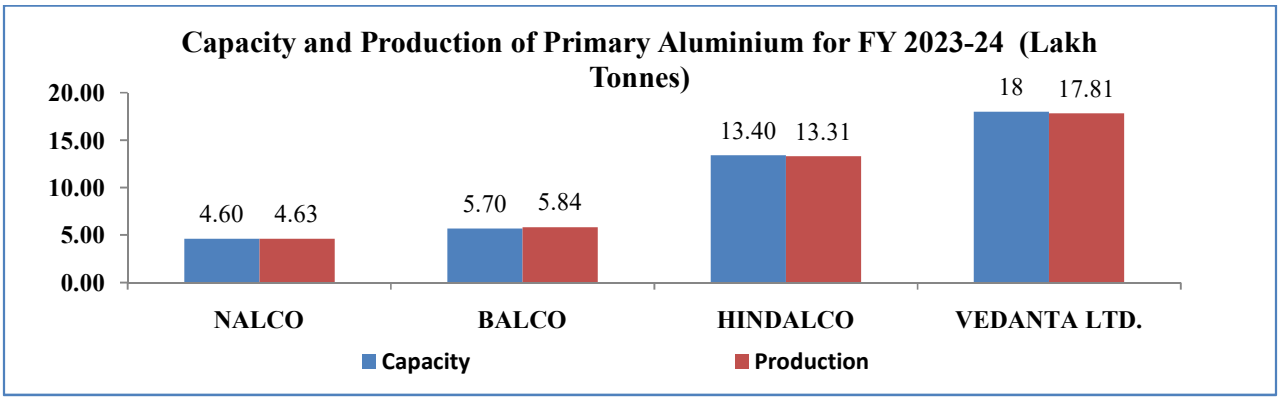
Company	Existing annual capacity (FY 2024-25)	Production (August, 2024)		Cum. Production FY 2024-25 (April-August)		Production (August, 2023)	CumulativeProduction FY 2023-24 (April-August)
		Target	Actual	Target	Actual		
NALCO	4.60	0.40	0.39	1.97	1.91	0.38	1.93
BALCO	5.70	0.50	0.50	2.44	2.45	0.49	2.44
HINDALCO*	13.40	1.12	1.10	5.55	5.52	1.13	5.56
VEDANTA LTD.	18.0	1.54	1.55	7.59	7.61	1.48	7.33
Total	**41.70**	**3.56**	**3.54**	**17.55**	**17.49**	**3.48**	**17.26**

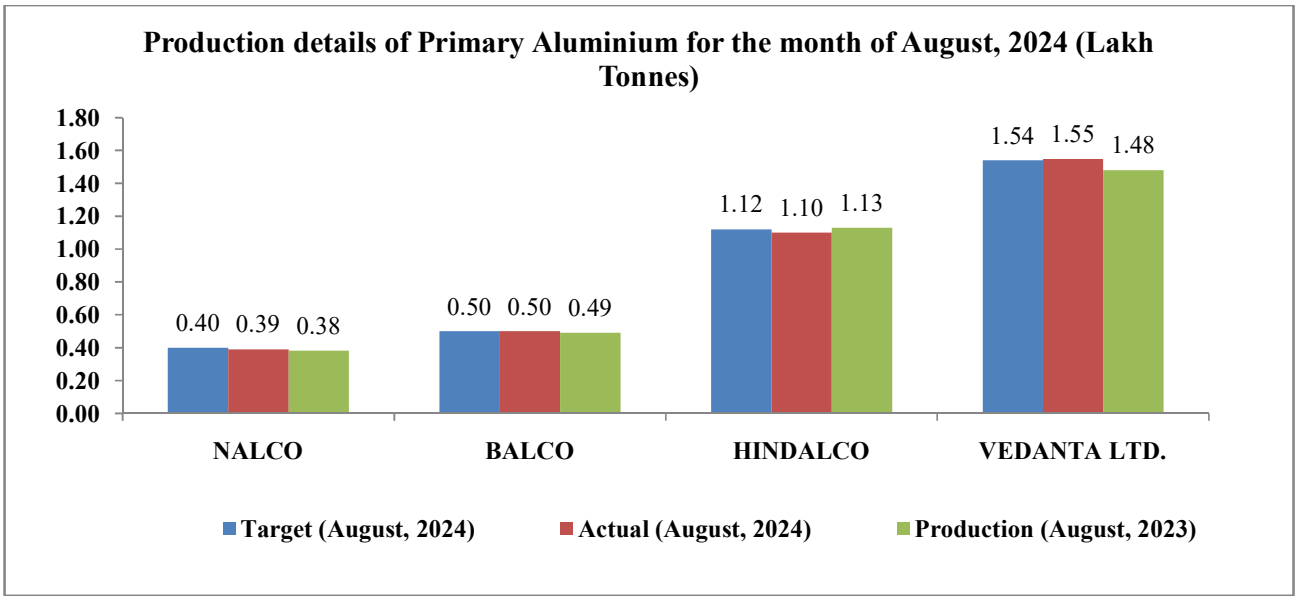
***** Renukoot, Hirakud, Mahan, Aditya

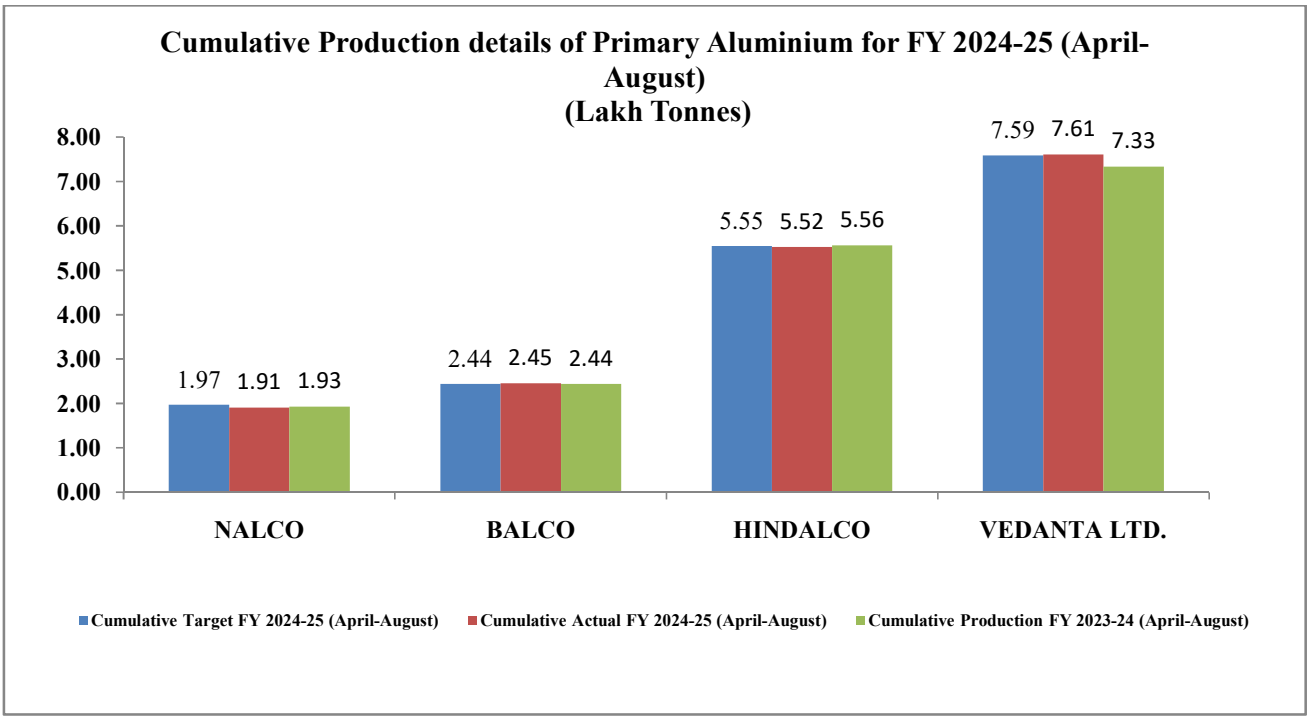
NALCO produced 39,281 Metric Tonne of Aluminium and sold 39,342Metric Tonne of Aluminium metal in **August, 2024.**

BALCO produced 49,810 Metric Tonne of Aluminium and sold 46,561Metric Tonne of Aluminium metal in **August, 2024.**

Vedanta Ltd (Aluminium) produced 1,54,958 Metric Tonne of Aluminium and sold 1,55,686 Metric Tonne of Aluminium metal in **August, 2024.**


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 August, 2024 (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
0.38
0.50
0.50
0.49
1.12
1.10
1.13
1.54
1.55
1.48
NALCO
BALCO
HINDALCO
VEDANTA LTD.
Target (August, 2024)
Actual (August, 2024)
Production (August, 2023)


Cumulative Production details of Primary Aluminium for FY 2024-25 (April-August)
(Lakh Tonnes)
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
1.97
1.91
1.93
2.44
2.45
2.44
5.55
5.52
5.56
7.59
7.61
7.33
NALCO
BALCO
HINDALCO
VEDANTA LTD.
Cumulative Target FY 2024-25 (April-August)
Cumulative Actual FY 2024-25 (April-August)
Cumulative Production FY 2023-24 (April-August)

4.2 COPPER

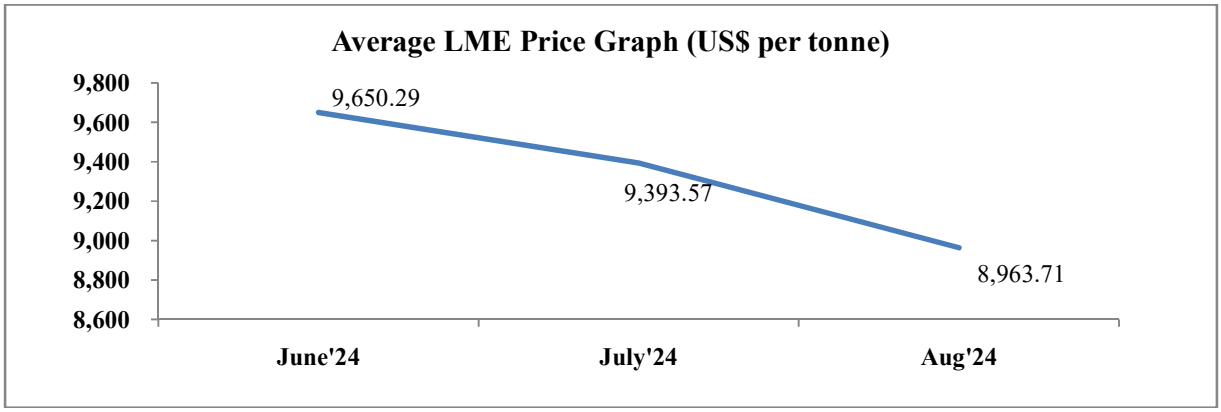
4.2.1 Global Scenario

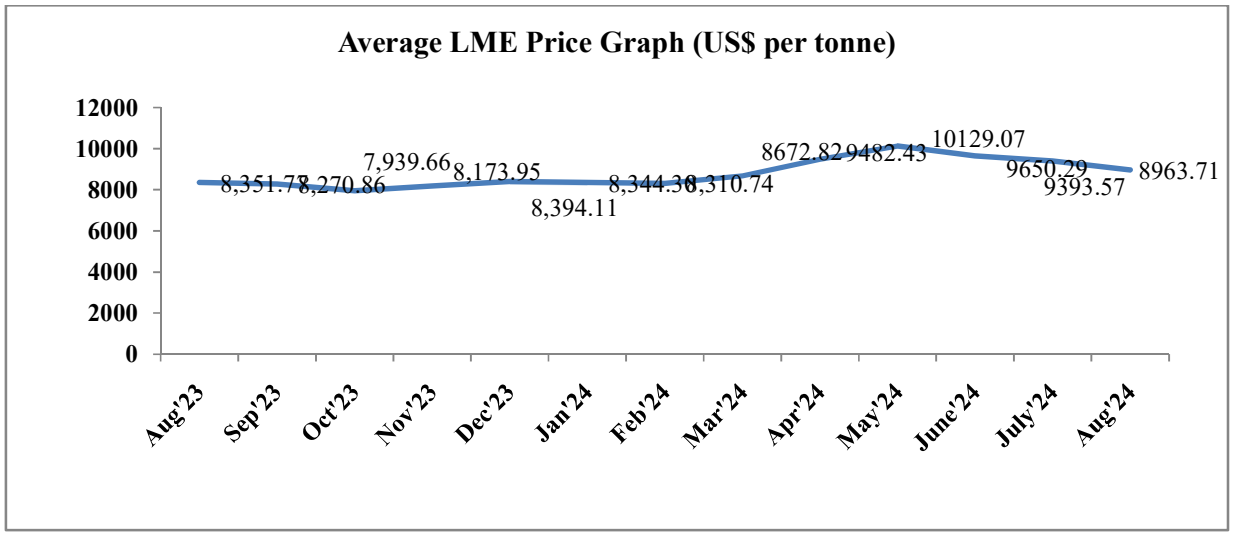
- The world Copper Mine production fromJuly, 2023 to June, 2024 was about 22,258thousand metric tonnes (TMT). The share of India in the world production was 28.014TMT i.e.0.13% during, July, 2023 to June, 2024.

- The world Refined Copper Production from July, 2023 to June, 2024was about 27,358TMT against world consumption of26,986TMT. As per International Copper Study Group (ICSG) forecast dated 29.04.2024 for the Calendar Year 2024 and 2025, world Refined Copper production and consumption are projected as 27,280and 27,118TMT, respectively.The Projected world Refined Copper production & consumption fromJuly, 2023to June, 2024 shall be 26,914 and 26,834 TMT, respectively. By comparing the figures of world Refined Copper production and consumption (Forecast) vs. actual from July, 2023 to June, 2024, it is coming around101.36% and 101.06%. The share of India in the world production was 1.88% during July,2023 to June, 2024.

4.2.2 Price Outlook

- The average LME price in Aug 2024 was US$8,963.71 per tonne compared to average LME of US$8,351.77per tonne in Aug2023, thereby registering anincreaseby7.33%.Theaverage LME price during the year2023-24 was US$8,361.73per tonne, and cumulative average LME price during 2024-25 (April-Aug) wasUS$9,523.81pertonne.





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 CopperLtd. (**HCL**), and private sector units viz. Hindalco Industries Ltd. (**HINDALCO**, Unit Birla Copper) and SesaSterlite Ltd. (**SSL**) in the country, during **FY 2023-24** and the month of **August2024**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 **August2024**, cumulative production during the period 2023-24and comparative figures for the previous year isas follows:

(Unit: LakhTonnes)

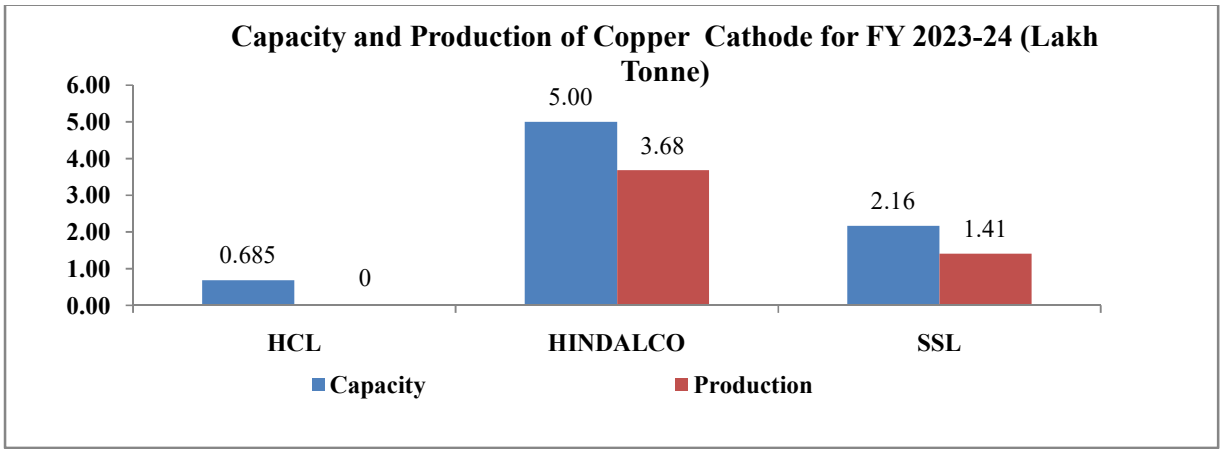
Company	Existing annual capacity (FY 2024-25)	Production (Aug2024)		Cum. Production FY 2024-25 (April-Aug)		Production (Aug 2023)	Cumulative Production FY 2023-24 (April-Aug)
		Target	Actual	Target	Actual		
HCL	0.685*	0	0	0	0	0	0
HINDALCO	5.00	**	0.35	**	1.56	0.35	1.37
SSL	2.16	0.13	0.15	0.59	0.46	0.12	0.54
Total	**7.85**	**0.13**	**0.50**	**0.59**	**2.02**	**0.47**	**1.91**

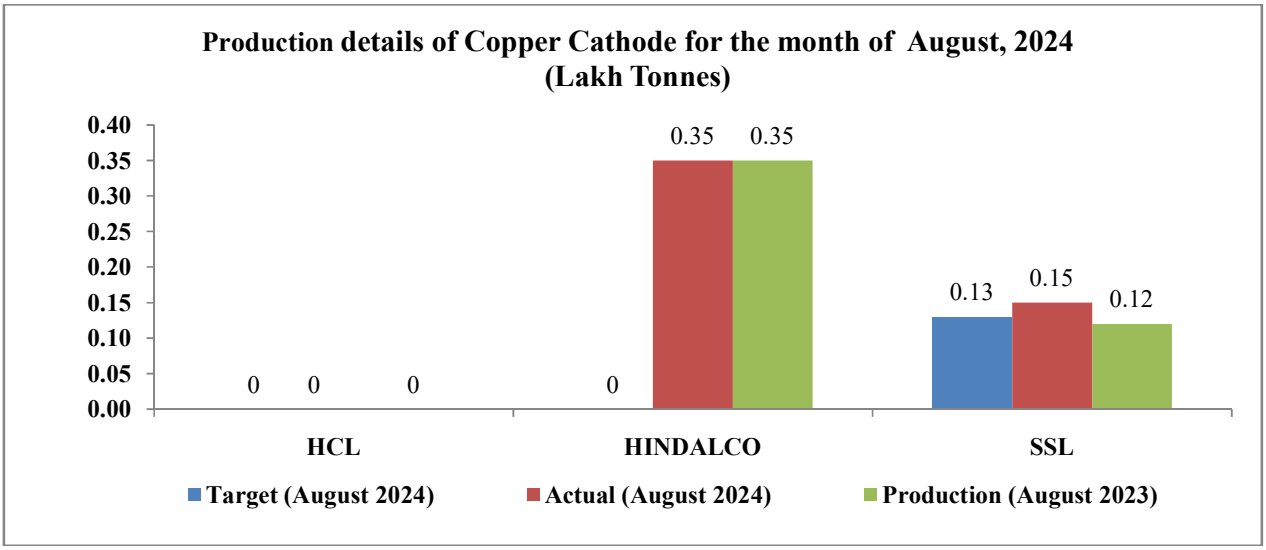
Note:

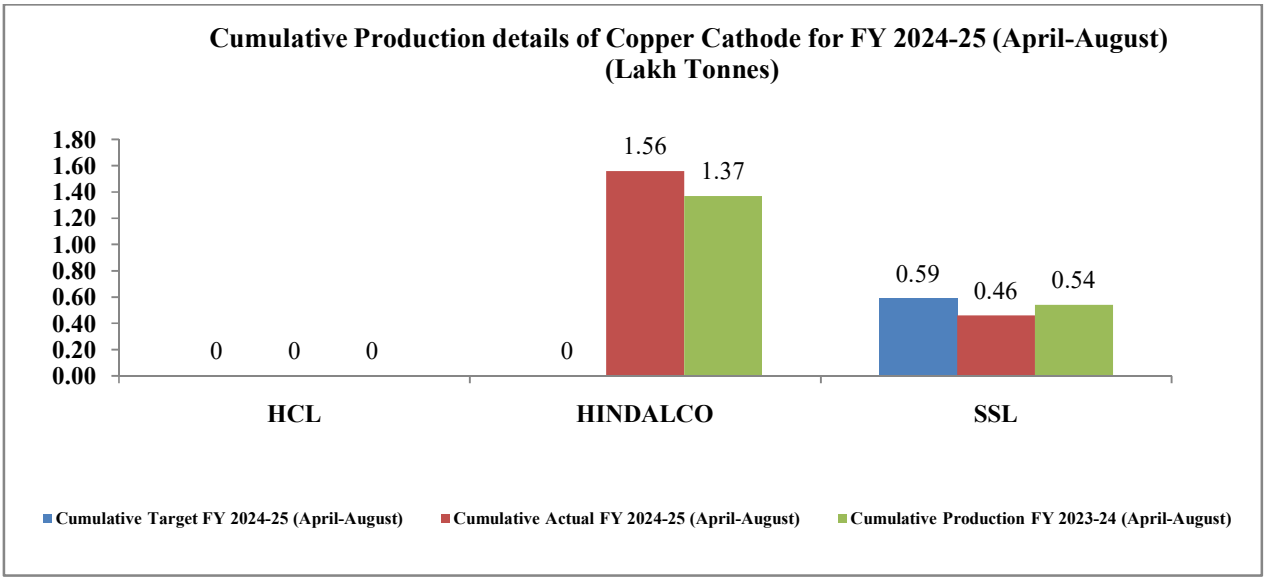
** Installed capacity has been declared on the basis of revised installed capacity of HCL (GCP unit: 50,000 tonnes p.a.; ICC unit: 18,500 tonnes p.a.; and KCC unit is NIL).*

*** 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

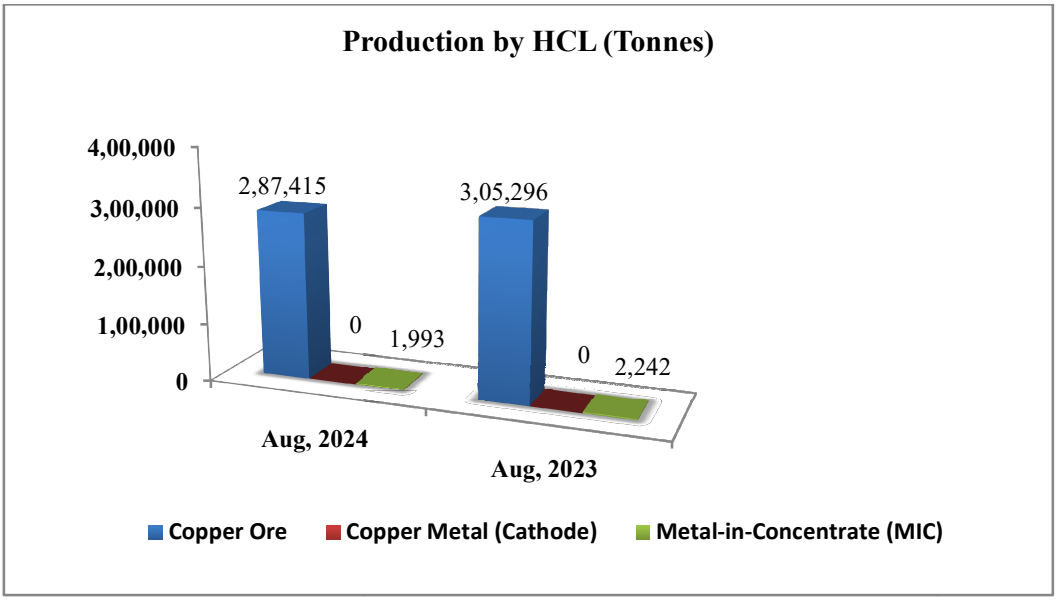
- Copper prices in India are fixed on the basis of the rates that rule on LME and Rupee & US Dollar exchange rate.
- Economic growth of the major consuming countries such as China, USA, Japan, Germany, India etc.
- Growth and development in the Infrastructure, Real-estate, Telecom and Electrical Industry, 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**August2024**was 2.87 lakh tonnes. Production during the corresponding period in the previous year was 3.05 lakh tonnes.

The production of **Copper metal** (cathode) by HCL during **August, 2024**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 **August, 2024**was 1,993tonnes and it was 2,242tonnes during the corresponding period in the previous year.

Sr. No.	Particulars	Production (Tonnes)	
		Aug, 2024	Aug, 2023
1	Copper Ore	2,87,415	3,05,296
2	Copper Metal (Cathode)	Nil	Nil
3	Metal-in-Concentrate (MIC) (tonnes)	1,993	2,242



During the month of **August, 2024**production of Metal-in-Concentrate was 73% of the target. The sale of copper (cathode, cc wire rod and MIC) during the month of**August, 2024**was 1,744MT.

4.2.6 Physical Performance of Hindustan Copper Limited

(Unit: Metric Tonnes)

Items	Existing annual capacity (FY 2024-25)	Production (Aug2024)		CumulativeProduction FY 2024-25 (Aug)		Cumulative Production FY 2023-24 (Aug)
		Target	Actual	Target	Actual	
Metal in Concentrate (MIC)	-	2,744	1,993	13,673	10,457	10,457
CC Copper Wire Rods	60,000	2,500	1,039	12,500	9,122	11,090

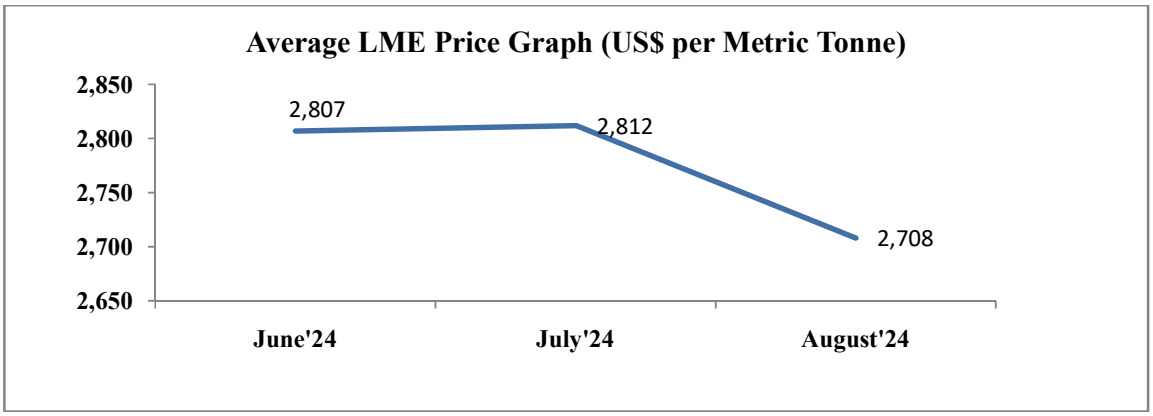
4.3 ZINC

4.3.1 Global Scenario

- The world Zinc metal production in April, 2024 to June, 2024was about 1,191thousand metric tonnes and world consumption was 1,182 thousand metric tonnes. The share of India in the world Zinc metal production was 6% during April, 2024 toJune,2024.

4.3.2 Price Outlook

- The average London Metal Exchange (LME) price for August2024was US$ 2,708 per metric tonnes as against US$ 2,401 per metric tonnes inAugust 2023 there by registering an increase of 13%.The average LME price for 2023-24isUS$ 2,483per metric tonnes,and cumulative average LME price for 2024-25(April-August)is US$ 2,803per 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:

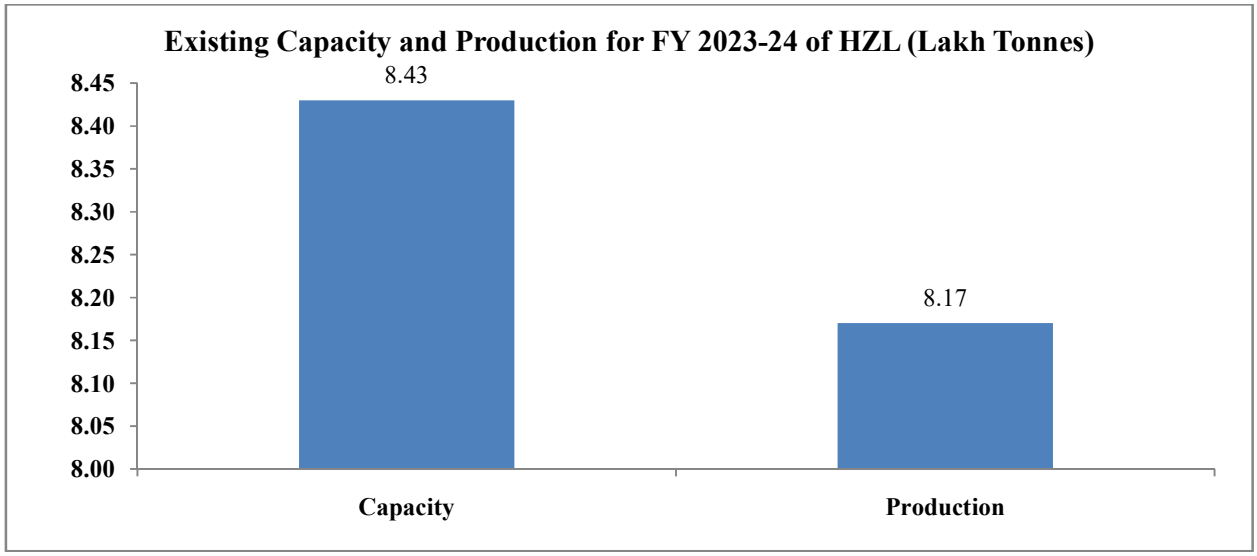
(Unit: Lakh Tonnes)

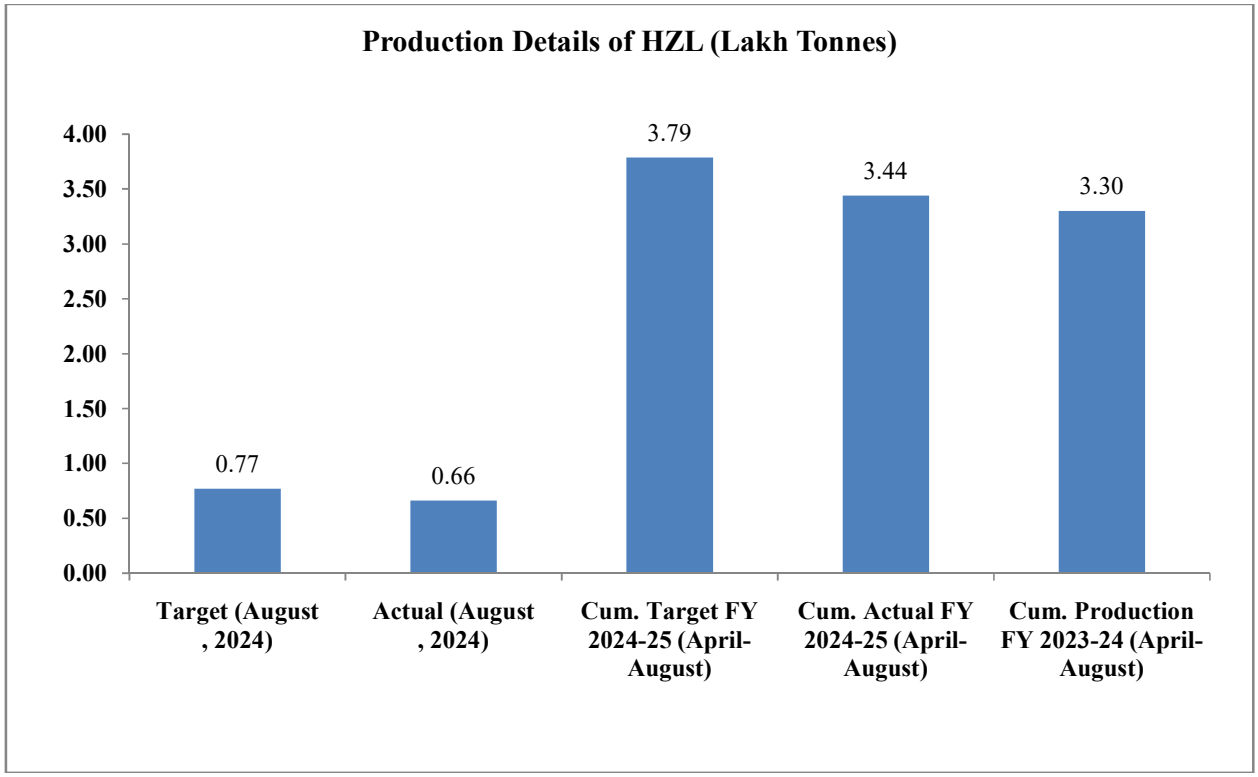
Company	Capacity	Production
HZL	8.43	8.17

Production detail ofHZL during the month of **August2024**, cumulative production during the period 2023-24and comparative figures for the previous year areas follows:

(Unit: Lakh Tonnes)

Company	Existing annual capacity (FY 2024-25)	Production (August 2024)		Cumulative Production FY 2024-25 (April- August)		Cumulative Production FY 2023-24 (April-August)
		Target	Actual	Target	Actual	
HZL	8.43	0.77	0.66	3.79	3.44	3.30


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)
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0.77
0.66
3.79
3.44
3.30
Target (August , 2024)
Actual (August , 2024)
Cum. Target FY 2024-25 (April-August)
Cum. Actual FY 2024-25 (April-August)
Cum. Production FY 2023-24 (April-August)

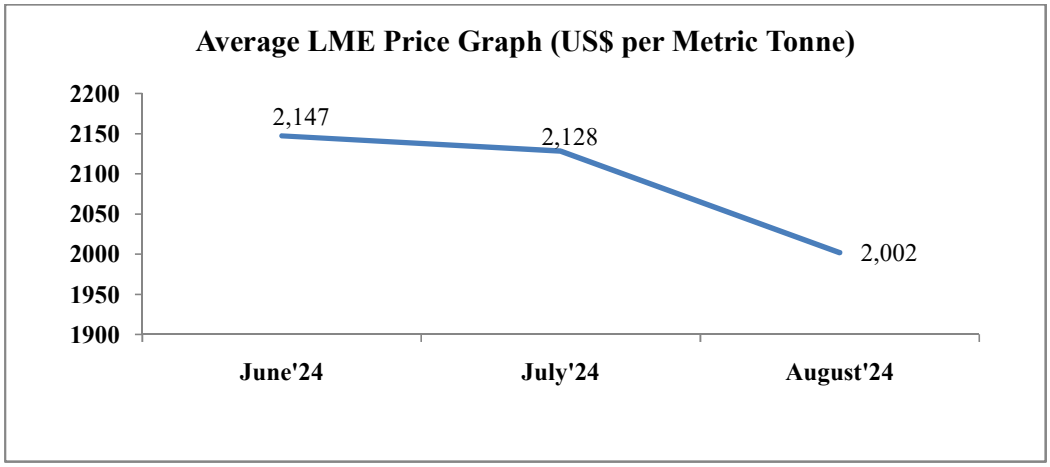
4.4 LEAD

4.4.1 Global Scenario

- The world Lead metal production during April, 2024 to June, 2024was about 1,049thousand metric tonnes and world consumption was1,056 thousand metric tonnes. The share of India in the world Lead metal productionwas 8% during April, 2024 to June, 2024.

4.4.2 Price Outlook

- The average London Metal Exchange (LME) price for August2024was US$ 2,002 per metric tonnes as against US$ 2,152 per metric tonnes in August2023 there by registering adecrease of 7%. The average LME price for 2023-24isUS$ 2,122 per metric tonnes, and cumulative average LME price for 2024-25(April-August)is US$ 2,126per metric tonnes.



Source: - LME Lead data

4.4.3 Domestic Scenario

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

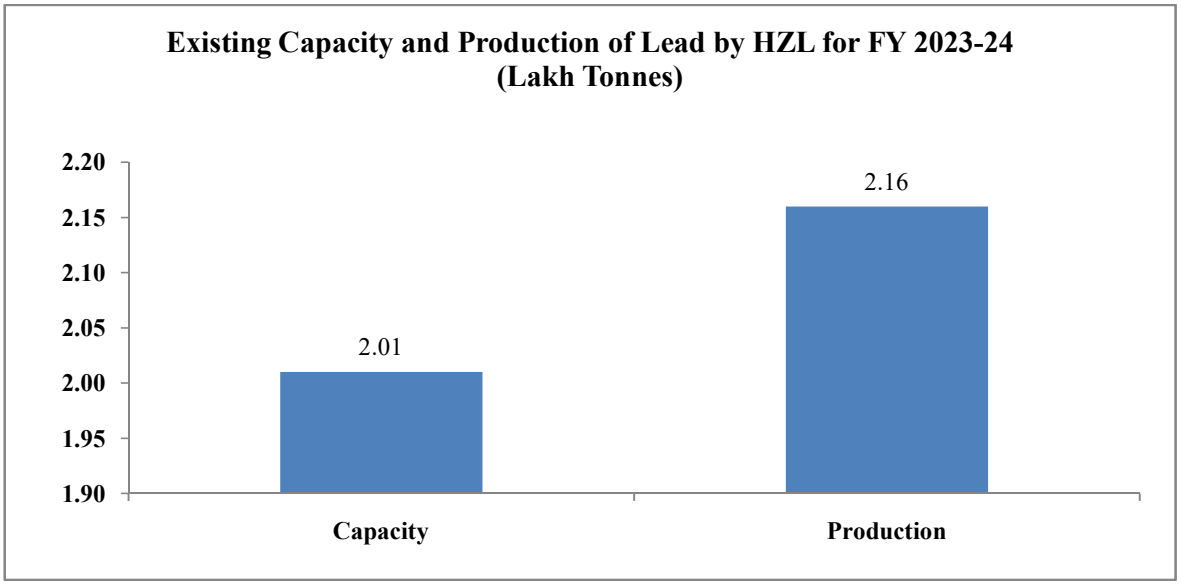
(Unit: Lakh Tonnes)

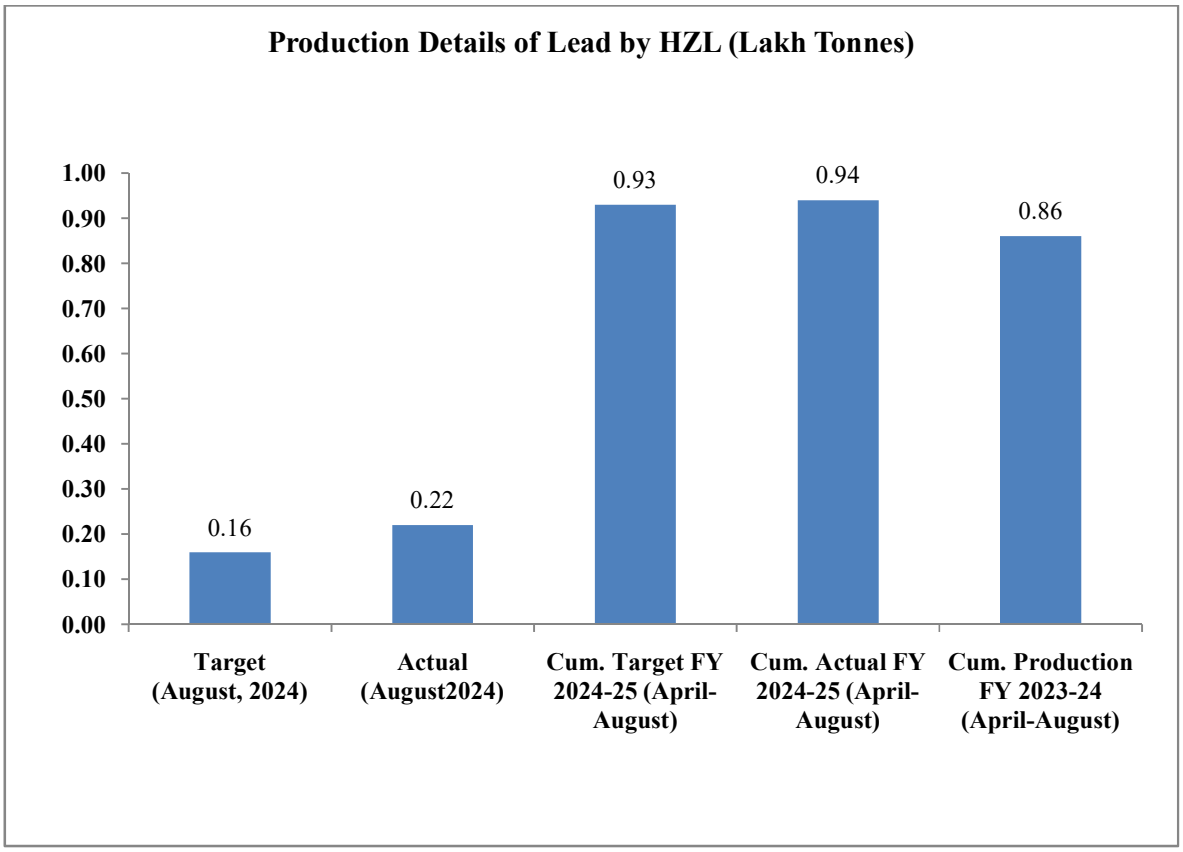
Company	Capacity	Production
HZL	2.01	2.16

Production detail of HZL during the month of **August2024**, cumulative production during the period 2024-25 and comparative figures for the previous year areas follows:

(Unit: Lakh Tonne)

Company	Existing annual capacity (FY 2024-25)	Production (August2024)		Cumulative Production FY 2024-25 (April-August)		Cumulative Production FY 2023-24 (April-August)
		Target	Actual	Target	Actual	
HZL	2.01	0.16	0.22	0.93	0.94	0.86

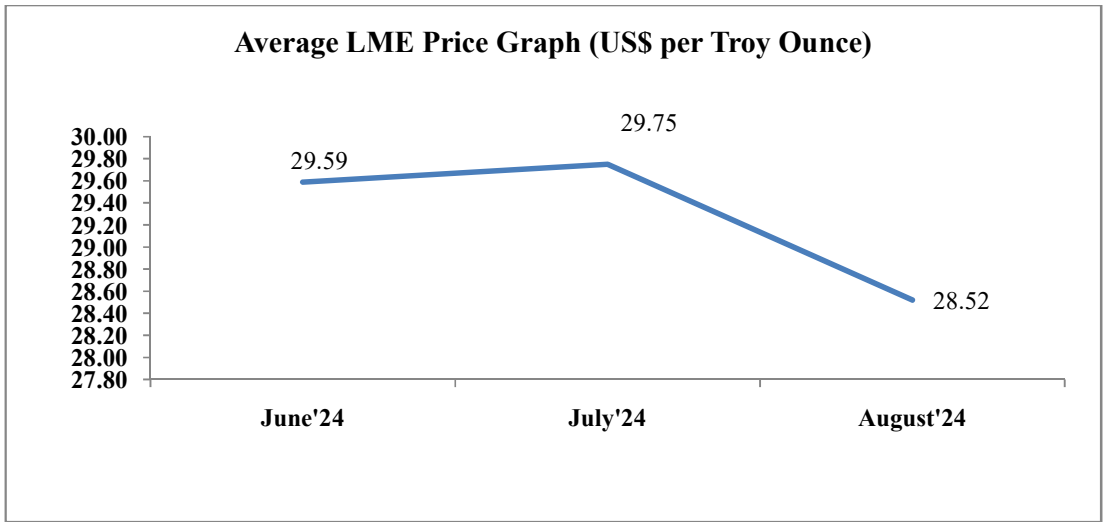

Existing Capacity and Production of Lead by HZL for FY 2023-24
(Lakh Tonnes)
2.20
2.15
2.10
2.05
2.00
1.95
1.90
2.01
2.16
Capacity
Production


Production Details of Lead by HZL (Lakh Tonnes)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0.16
0.22
0.93
0.94
0.86
Target (August, 2024)
Actual (August2024)
Cum. Target FY 2024-25 (April-August)
Cum. Actual FY 2024-25 (April-August)
Cum. Production FY 2023-24 (April-August)

4.5 SILVER

4.5.1 Price Outlook

- The average London Metal Exchange (LME) price for August2024was US$28.52per Troy Ounce as against US$23.44per Troy Ounce in August2023 there by registering anincreaseof22%.The average LME price for 2023-24 is US$ 23.63 per Troy Ounce, and cumulative average LME price for2024-25 (April-August)isUS$ 28.97per Troy Ounce.



Source: - LME Silver data

4.5.2 Domestic Scenario

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

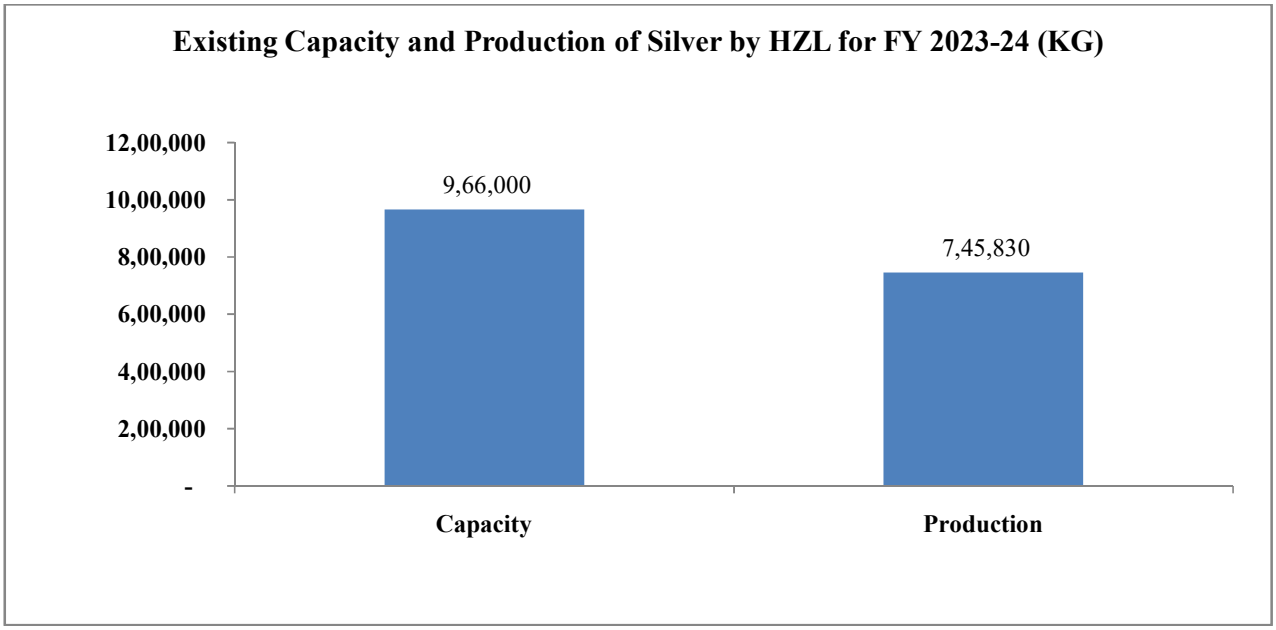
(Unit: Kg)

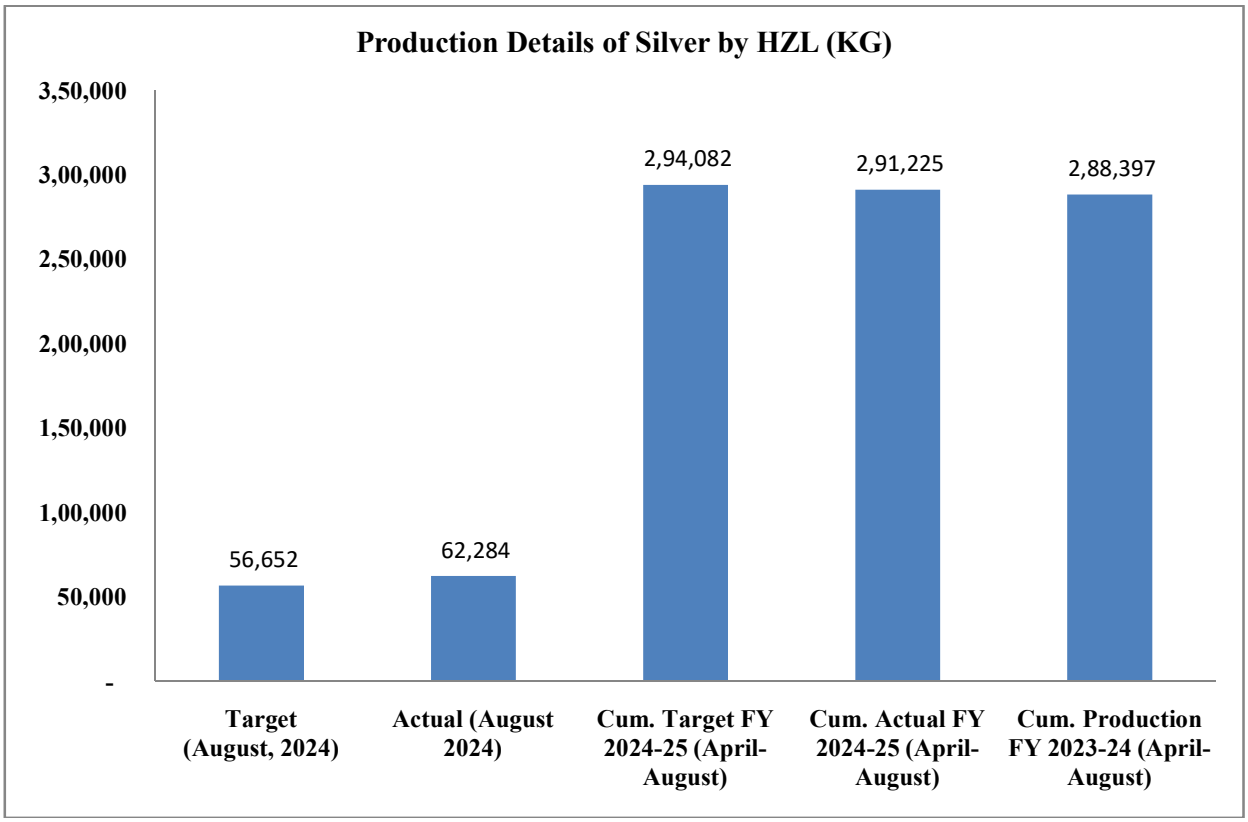
Company	Capacity	Production
HZL	9,66,000	7,45,830

Production detail of HZLduring the month of **August, 2024**, cumulative production during the period 2024-25 and comparative figures for the previous year areas follows:

(Unit: Kg)

Company	Existing annual capacity (FY 2024-25)	Production (August2024)		Cumulative Production FY 2024-25 (April-August)		Cumulative Production FY 2023-24 (April-August)
		Target	Actual	Target	Actual	
HZL	9,66,000	56,652	62,284	2,94,082	2,91,225	2,88,397

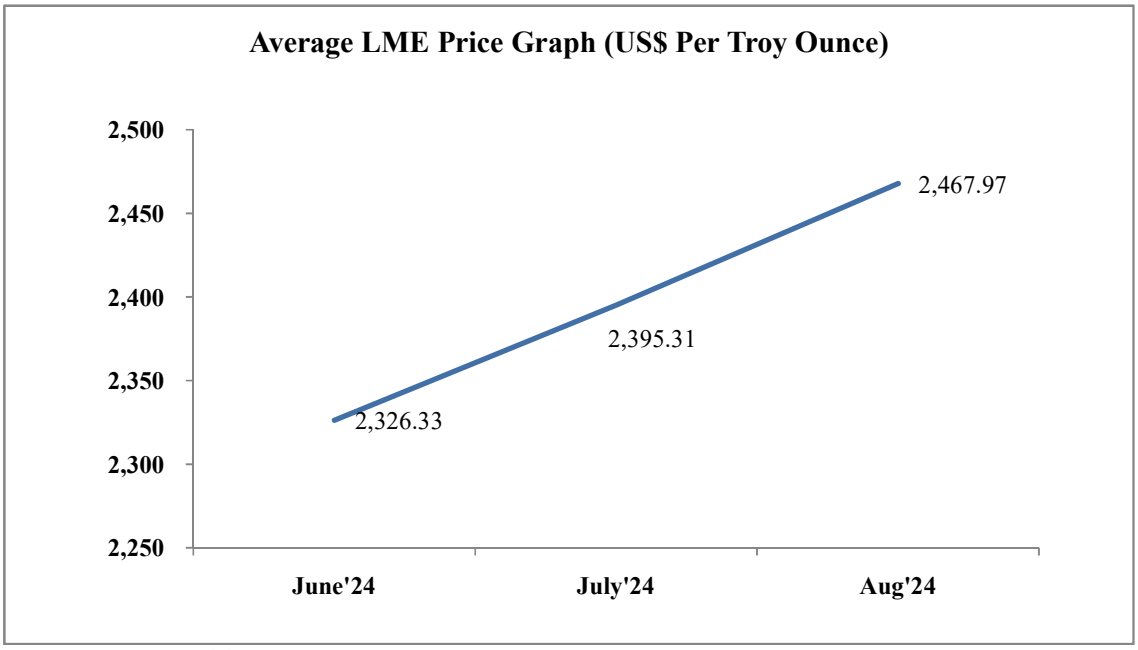

Existing Capacity and Production of Silver by HZL for FY 2023-24 (KG)
12,00,000
10,00,000
8,00,000
6,00,000
4,00,000
2,00,000
-
9,66,000
7,45,830
Capacity
Production


Production Details of Silver by HZL (KG)
3,50,000
3,00,000
2,50,000
2,00,000
1,50,000
1,00,000
50,000
-
56,652
62,284
2,94,082
2,91,225
2,88,397
Target (August, 2024)
Actual (August 2024)
Cum. Target FY 2024-25 (April-August)
Cum. Actual FY 2024-25 (April-August)
Cum. Production FY 2023-24 (April-August)

4.6 GOLD

4.6.1 Price Outlook:

- The average London Metal Exchange (LME) price for August2024was US$ 2,467.97per Troy Ounce as against US$ 1,920.02 per Troy Ounce in August2023 thereby registering an increase of22%.



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 **August2024**is given below:

(Unit: Kg)

Name of the Company	Production inAugust,2024
Hutti Gold Mines of HGML	121.07
UTI Gold Mine of HGML	0.00
Hira-Buddinni Gold Mine of HGML	6.00
HINDALCO IND. LTD	1,504
Total	**1,631.07**
