



Government of India
Ministry of Coal
Coal Controller Organisation

COAL DIRECTORY OF INDIA 2023-24



सत्यमेव जयते

COAL DIRECTORY OF INDIA 2023-24

**GOVERNMENT OF INDIA
MINISTRY OF COAL
COAL CONTROLLER ORGANISATION**

COAL DIRECTORY OF INDIA 2023-24

For any query or suggestion please write to:-

Dr. S. C Agrawal
Director
Coal Controller Organization
Scope Minar, Core-I, 5th Floor,
Laxmi Nagar, Delhi – 110092
Tel: 011-21210315
E-mail: cco.dir-coal@gov.in

जी. किशन रेड्डी
జి. కిషన్ రెడ్డి
G. Kishan Reddy



कोयला एवं खान मंत्री
भारत सरकार
नई दिल्ली
MINISTER OF COAL AND MINES
GOVERNMENT OF INDIA
NEW DELHI



Message

Coal remains a key component of India's core industries and will continue to be a major force in driving the country's economic transformation. By striving for a balance between accessibility and affordability, India is setting a global example in energy justice.

As India's energy consumption is expected to rise rapidly to support economic growth, urban expansion, better electricity access, a robust manufacturing sector, and rural electrification, coal stands out as the primary source of energy. Despite the presence of other energy sources such as solar, wind, hydro, and natural gas, coal remains indispensable for power generation in India. In response, the government is intensifying efforts to boost coal production and meet the country's growing demand.

To prevent any coal shortages and to support the broader goal of self-reliance in energy, it is crucial to develop a comprehensive repository detailing the current state of production, dispatch levels, and stock availability. In this context, I commend the Coal Controller Organization for releasing the Coal Directory of India 2023-24. This publication documents the steady progress India has made in the coal and lignite sectors and includes detailed information on reserves, production, dispatch, pit-head closing stock, value, imports, and exports, as well as performance data on captive blocks and washeries.

I believe this publication will be extremely valuable, and I congratulate the Coal Controller organization, Ministry of Coal, various government departments, and all other stakeholders involved for their efforts in bringing this publication to fruition.

Jai Hind!

(G. Kishan Reddy)

सतीश चन्द्र दुबे
Satish Chandra Dubey



सत्यमेव जयते



आज़ादी का
अमृत महोत्सव



Message

As one of the fastest-growing economies globally, India's energy needs are increasing at a rapid rate. Ranked as the third-largest energy consumer in the world, India is poised to become a significant player in global energy growth, with demand centres increasingly shifting toward Asia.

The "Coal Directory of India 2023-24," published annually by the Coal Controller organisation, continues to offer a detailed overview of the coal and lignite sectors in India. This comprehensive and up-to-date database provides valuable insights into various aspects of India's coal industry, including reserves, exploration, production, dispatch, stock, value, imports, exports, and the performance of captive blocks and washeries.

I would like to acknowledge the exceptional work of the statistics team at the Coal Controller Organisation. Their relentless dedication has been crucial in making this publication possible. Special thanks go to the Coal Controller, and his team for their pivotal role in gathering and organizing the data for this report

(Satish Chandra Dubey)

श्री. एल. कान्ता राव, मा०प्र०से०
सचिव
V. L. KANTHA RAO, IAS
SECRETARY

Tel.: 23384884 Fax : 23381678
E-mail : secy.moc@nic.in



सत्यमेव जयते



भारत सरकार
GOVERNMENT OF INDIA
कोयला मंत्रालय
MINISTRY OF COAL
शास्त्री भवन, नई दिल्ली-110 001
SHASTRI BHAWAN, NEW DELHI-110 001
www.coal.gov.in

MESSAGE

It is with great pleasure that I introduce the Coal Directory of India 2023-24, the premier publication from the Coal Controller Organization for the fiscal year 2024. This report offers an in-depth and detailed overview of the Coal and Lignite sectors in India, drawing on the most accurate and reliable data available.

Coal remains a fundamental and indispensable energy source in India and is expected to retain a significant role in the country's energy landscape for the foreseeable future. Accurate and well-presented data is crucial for effective planning and decision-making in this sector.

This annual report is designed to serve the data needs of researchers, policymakers, and other stakeholders, delivering valuable insights into coal resources, reserves, and the performance of washeries, among other topics.

I extend my heartfelt thanks to the entire team at the Coal Controller Organization, for their dedicated work in producing this essential publication. I also appreciate the contributions of all stakeholders who provided vital data in a timely manner. I trust that this comprehensive repository of data on coal sector will be a valuable resource for all readers and other stakeholders.


(V.L. Kantha Rao) 4/10

New Delhi
Dt.04.10.2024

विस्मिता तेज, भा.रा.से.
अपर सचिव
Vismita Tej, IRS
Additional Secretary

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आज़ादी का
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भारत सरकार
GOVERNMENT OF INDIA
कोयला मंत्रालय
MINISTRY OF COAL
शास्त्री भवन, नई दिल्ली
SHASTRI BHAWAN, NEW DELHI
Ph.: 011-23384224
E-mail: vismita.tej@gov.in



Message

I am very happy to note that the much awaited "**Coal Directory of India, 2023-24**," a detailed documentation highlighting the achievements within the country's Coal and Lignite sector, is being published.

Coal has been the primary source of energy in the country. It accounts for close to 50% of our commercial energy needs while close to 75% of power generation depends on Coal. The Ministry of Coal is committed to advancing this sector while ensuring energy security. The concerted efforts of the Ministry of Coal have played a crucial role in reiterating this goal.

The "**Coal Directory of India, 2023-24**" is a handy reference for assessing the sector's progress in all areas like reserves, exploration, production, supplies, allocation of coal blocks, imports etc. I am sure this document would support informed decision-making and strategic planning.

I extend my sincere thanks to the Coal Controller's Organization for their dedication in compiling and publishing this valuable resource. I wish the publication a resounding success.

Vismita Tej.
(Vismita Tej)
Additional Secretary
31/9/24

रूपिंदर बरार, भा.रा.से.
अपर सचिव
Rupinder Brar, IRS
Additional Secretary



भारत सरकार
GOVERNMENT OF INDIA
कोयला मंत्रालय
MINISTRY OF COAL
शास्त्री भवन, नई दिल्ली
SHASTRI BHAWAN, NEW DELHI
Ph.: 011-23386710
E-mail: rup.brar@nic.in



Message

Coal plays a crucial role in the economy, acting as a key driver for national growth and development. It remains the primary source of commercial energy in India, representing half of the country's total energy consumption and being the leading fuel for electricity generation due to its reliability compared to other renewable energy sources.

Having precise and high-quality data on Coal and Lignite is essential for effective analysis and informed decision-making. The "Coal Directory of India 2023-24" serves as an invaluable resource, offering a thorough overview of the Coal and Lignite sector both in India and globally.

I would like to express my deepest appreciation to the team that compiled and published this document. It stands as the definitive source of important data on the Coal and Lignite sector up to 2023-24, providing the most current and reliable statistics available. I am confident that this document will remain a valuable resource for stakeholders, policymakers, and researchers.


(Rupinder Brar)
Additional Secretary & NA

सजीश कुमार एन
कोयला नियंत्रक
SAJEESH KUMAR N
Coal Controller



सत्यमेव जयते



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GOVERNMENT OF INDIA

कोयला मंत्रालय
MINISTRY OF COAL

कोयला नियंत्रक का कार्यालय
OFFICE OF THE COAL CONTROLLER



Foreword


Energy plays a crucial role in both national security and economic growth. Recent years have seen significant changes in the coal sector aimed at enhancing energy security, efficiency, and sustainability. Given that coal meets roughly 75% of India's electricity needs, it is vital for the energy sector and policymakers to have access to reliable and affordable coal supply information, especially as the demand for cleaner coal increases. A comprehensive database is essential for devising effective strategies for the coal sector.

The "*Coal Directory of India 2023-24*" offers extensive details on coal and lignite production, productivity, deposit concentrations, sectoral dispatches, demand, indigenous supply, pit head stocks, and import/export destinations. This report is valuable to various stakeholders, including central ministries, the coal industry, the power sector, research institutions, and academics. It also includes data on Captive Blocks and Washery Performance. Published annually, this report is part of our commitment under the Collection of Statistics Act, 2008 and its 2017 amendment.

I would like to express my sincere thanks to the Managing Directors of all public and private sector organizations for their cooperation and timely data provision. Special gratitude goes to Hon'ble Minister of Coal & Mines, Hon'ble Minister of State for Coal & Mines, Secretary, Ministry of Coal, and Senior officers for their guidance, and to the officers/staff of the Coal Controller Organization for their exceptional efforts in producing this report.

We welcome any suggestions for improving both the content and presentation of this publication.

New Delhi


(Sajeesh Kumar N.)
Coal Controller

Team Associated



Sajeesh Kumar N.
Coal Controller



Dr. S.C. Agrawal
Director



Aarti Mahawar
Deputy Director



Nirutpal Singh
Officer on Special Duty



Sumanta Biswas
Administrative Officer



Gyanendra Upadhyay
Young Professional



Shubham Endulkar
Young Professional



Jay Prakash Pal
Young Professional



Amit Kumar
LDC



Sawan Prakash
Stenographer

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01.

Historical Perspective



Section I

A. Historical Perspective

1.1 Coal Sector in India

1.1.1 Commercial use of coal in India is said to have started about two thousand years ago at places close to coal regions in the eastern part of the country. In 1774, Sumner & Heatley applied to M/s. East India Company to raise coal in Raniganj coalfield along the Western Bank of river Damodar. However, coal mining did not receive adequate attention due to its inferior quality as compared to the quality of coal in UK. During this period production from coal mining activities were modest. However, coal mining received a thrust with the setting up of a rail link between Howrah and Raniganj in 1853.

1.1.2 The monopoly of M/s. East India Company was abolished in 1813 and this paved way for rapid inroad of private commercial organizations in coal sector. In 1843, M/s. Bengal Coal Company Limited was registered as a first joint stock company. Steam engines were introduced during this period and demand of coal continued to grow.

1.1.3 Since 1920, a number of commissions & committees made observations on the question of conservation and winning of coal, safety of mines etc. which led to introduction of regulations and controls of the coal industry, in some form or other, in India. All the regulations and controls were directed towards state ownership of the coal mines in the country. Singareni Collieries Company Limited (SCCL) established in 1920 as a public limited company, has the distinction of being the first Government owned Coal Company in the country in 1945. In fact, in 1945, Nizam of Hyderabad bought majority of the shares of the company and brought the company under the State of Hyderabad. From 1945 to 1949, the Hyderabad Construction Company Limited worked as Managing Agent of SCCL. In 1949 this function was entrusted to Industrial Trust Fund by the then Government of Hyderabad. Pursuant to the reorganization of States in 1956, the controlling interest of the company devolved on the Government of Andhra Pradesh. Thus, SCCL became a Government Company under the Companies Act in 1956. SCCL is now a joint undertaking of Government of Telangana and Government of India sharing its equity in 51:49 ratio.

1.1.4 In 1956, National Coal Development Corporation (NCDC) came into existence as a Government of India Undertaking with the collieries owned by the railways as its nucleus. During the sixties, the coal industry passed through a period of cheap availability of oil. The situation, however, took a radical turn in the seventies due to

spiraling up of oil prices resulting in hike in coal demand.

1.2 Nationalisation of Coal Mines

1.2.1 Coal mines in India were nationalised in 1972-73 with the objectives of reorganizing and restructuring of coal mines in the backdrop of the then existing unsatisfactory mining conditions, violation of mine safety norms, industrial unrest, inadequate capital investments in mine development, reluctance to mechanize the mining, etc. It also aimed at meeting the long-range coal requirements of the country.

1.2.2 The nationalisation was done in two phases, the first with the nationalization of the coking coal mines in 1971-72 and then with the nationalization of the non-coking coal mines in 1973. The Coking Coal Mines (Emergency Provisions) Ordinance was promulgated by the Government of India on 16.10.1971 under which except the captive mines of TISCO and IISCO, the management of all coking coal mines was taken over by the Government. A new company called Bharat Coking Coal Limited was formed as a subsidiary company of Steel Authority of India Limited to manage the taken over mines. These mines were subsequently nationalised w.e.f. 1.5.1972. Later on the management of 711 non-coking coal mines was also taken over by the Government with effect from 31.1.1973 and they were nationalised w.e.f. 1.5.1973 and a new Government Company namely, Coal Mines Authority Limited (CMAL) with headquarters at Calcutta, was set up by the Government in May, 1973 to manage the non-coking coal mines. The CMAL was organised as a unitary structure on divisional pattern with four Divisions, the Central Division, the Eastern Division, the Western Division and the CMPDIL. The mines of erstwhile National Coal Development Corporation were brought under the Central Division of the CMAL. In September, 1975 Coal India Limited (CIL) was formed as a Holding Company with five subsidiaries namely Bharat Coking Coal Limited (BCCL), Central Coalfields Limited (CCL), Eastern Coalfields Limited (ECL), Western Coalfields Limited (WCL) and Central Mine Planning and Design Institute Limited (CMPDIL).

1.2.3 In view of the projected increase in production and investment contemplated for CCL and WCL group of coal mines and in view of their extensive geographical spread resulting in day to day administrative, technical and communication problems etc. two more coal companies,

namely, Northern Coalfields Limited (NCL) with headquarters at Singrauli (Madhya Pradesh) and South Eastern Coalfields Limited (SECL) with headquarters at Bilaspur (Chhattisgarh) were formed w.e.f. 28.11.1985.

1.2.4 Considering the prospects of Orissa Coalfields, being the growth center for the VIII and IX Plan periods, a new coal company was formed bifurcating South Eastern Coalfields Limited (SECL). The new company, Mahanadi Coalfields Limited (MCL) was incorporated on 3rd April, 1992 with its head quarter at Sambalpur (Orissa) as fully owned subsidiary of Coal India Limited to manage the Talcher and IB-Valley Coalfields in Orissa.

1.2.5 CIL have now 8 subsidiaries viz. Bharat Coking Coal Limited (BCCL), Central Coalfields Limited (CCL), Eastern Coalfields Limited (ECL), Western Coalfields Limited (WCL), South Eastern Coalfields Limited (SECL), Northern Coalfields Limited (NCL), Mahanadi Coalfields Limited (MCL) and Central Mine Planning and Design Institute Limited (CMPDIL). The CMPDIL is an engineering, design and exploration company set up for preparing perspective plan(s), rendering consultancy services and undertaking exploration and drilling work to establish coal reserves in the country and collection of detailed data for preparation of projects for actual mining. The other seven subsidiaries of CIL are coal producing companies.

1.2.6 CIL and its subsidiaries are incorporated under the Companies Act, 1956 and are wholly owned by the Central Government. The coal mines in Assam and its neighbouring areas are controlled directly by CIL under the unit North Eastern Coalfields.

1.3 Captive Coal Mining

1.3.1 Coal Mines (Nationalisation) Act, 1973 already excluded from its purview the captive coal mines of TISCO, IISCO & DVC. Further, considering the need to provide boost to thermal power generation and for creating additional thermal power capacity during VIIIth Five-year Plan, the Government decided to allow private participation in the power sector. The Coal Mines (Nationalisation) Act, 1973 was amended on 9th June 1993 to allow coal mining by both private and public sectors for captive consumption for production of iron and steel, generation of power, washing of coal obtained from a mine and other end use, which would be notified by the Government from time to time. While cement production was allowed as an end use on w.e.f. 05.03.1996, latest amendment on 12.07.2007 made production of Syn-gas obtained from coal gasification and coal liquefaction also as an end use. The restriction of captive mining does not apply to state-owned coal/mineral development undertakings like CIL, SCCL, Neyveli Lignite Corporation (NLC) coal blocks etc. and Mineral Development Corporations of the State Governments.

1.3.2 Till date coal mining is kept under the purview of public sector except captive mining for the approved end use industries viz., iron and steel, power, cement, washing of coal and coal gasification and liquefaction. Role and contribution of private sector captive coal mining, which has been very insignificant till recent past, has now acquired significance. Government further decided in its new mining policy to allow the State Government companies and undertakings to go for coal and lignite mining without the earlier restriction of isolated small pockets only.

1.3.3 The policy of the allotment of Captive Coal Blocks was adopted by the Government of India in the year 1993 and as per this policy by the end of 2013-14, out of total allocated 218 coal blocks, 80 coal blocks were de-allocated. Thus, at the end of 2013-14, 138 coal blocks remained allocated under the category of Captive Coal Block.

Subsequent to the order of the Hon'ble Supreme Court of India, 42 nos. of producing coal blocks [Schedule II coal mines as per the Coal Mines (Special Provisions) Ordinance, 2014 replaced by the Coal Mines (Special Provision) Act, 2015] were allowed to produce coal up to 31.03.2015. Thus total number of blocks stand allocated from 25.09.2014 to 31.03.2015 was 52 [42 + 10 earlier coal blocks].

1.3.4 During the year 2014-15 by virtue of judgment dated 25.08.2014 read with the order dated 24.09.2014 of the Hon'ble Supreme Court of India, out of 218 captive coal blocks, allocation of 204 coal blocks were cancelled except allocation of 12 coal blocks for UMPPs and one coal block each allocated to NTPC and SAIL. Further, allocation of four coal blocks for UMPPs were cancelled in 2015-16. These consisted of Chhatrasal Coal Block, which was cancelled on 07.05.2015; and Meenakshi coal Block, consisting of Meenakshi, Meenakshi B and Dip side of Meenakshi blocks, which was cancelled on 15.12.2015. As on date 10 coal blocks allocated through earlier dispensations stand allocated.

As per Coal Mines (Special Provisions) Act, 2015, allocation of coal mines started by way of Public Auction or on the basis of Competitive Bids for Tariff.

Under the Mines and Minerals (Development and Regulation) (MMDR) Act, coal blocks are being allocated/vested to different companies.

As on 31.03.2024, the number of coal blocks that exist is 159 (Vested/Allotted - 121 + Under MMDR act - 34 + Blocks not cancelled - 4).

1.4 Distribution and Marketing of Coal

1.4.1 A new coal distribution policy (NCDP) has been notified on 18.10.2007 with an objective to meet the demand of coal from consumers of different sectors of the economy, both on short- and long-term basis, in an assured, sustained, transparent and efficient manner with built-in commercial discipline. Apart from meeting the requirement up to a satisfactory level through commercially enforceable Fuel Supply Agreement (FSA), it also provides for dedicated source of supply through State Government nominated agencies, for consumers in small and medium sector, whose annual requirement does not exceed 4200 metric tonnes. E-auction scheme has also been introduced to cater to some demands through e-auction.

1.4.2 Salient features of the New Coal Distribution Policy:

1. Existing classification of core and non-core sector is dispensed with. Each sector/ consumer would be treated on merit keeping in view regulatory provision applicable thereto and coal will be supplied by CIL/SCCL through Fuel Supply agreement (FSA), a legally enforceable buyer-seller coal supply agreement.
2. Requirement of Defence and Railways will be made in full at notified price.
3. While for Power (utilities), including Independent Power Producers/ CPP and Fertilizer Sector, 100% of normative requirement of coal at notified price will be supplied, for other consumers this will be 75%.
4. Supply of coal to steel plants would be based on FSA and pricing would be on import parity pricing.
5. Consumers in small and medium sector, requiring coal less than 4200 tonnes annually will take coal either from state govt. notified agencies/NCCF//NSIC or from CIL/SCCL through FSA. CIL/SCCL will supply coal to the nominated agencies for such distribution.
6. A Standard Operating Procedure (SOP) has been put in place since February 2020 for proportionate reduction of linkage to the coal block allocatees on the basis of requirement of coal being met from allotted coal mines/blocks.
7. New consumers of Power (U) /IPP/ CPP/ Fertilizers/ Cement/ DRI plant will be issued Letter of Assurance (LOA), with a validity of 24 months, subject to prevailing norm, recommendation of concerned Ministry and 5% Earnest money deposit. On necessary progress of the plants, consumer may approach to CIL/SCCL for converting LOA into FSA.
8. Existing Standing Linkage Committee would continue to recommend LOA in respect of Power (U)/ IPP /CPP, Cement and Sponge Iron Plants including Steel.

1.5 Import of Coal

1.5.1 Present import policy allows coal to be freely imported under Open General License by the consumers themselves considering their needs. Coking coal is imported by Steel sector and coke manufacturers mainly on availability and quality consideration. Coast based power stations and cement plants are also importing non-coking coal on consideration of transport logistics, commercial prudence. In 2019-2020, international prices of both coking and non-coking coal declined but in the first quarter of the year 2020 they picked up and remained stable. In 2021-22 & 2022-23 the coal import prices have seen a historical rise of 97.19% & 67.66%. In 2023-24, coal imports increased by 9.80%, totaling 260.953 MT. However, total spending on coal decreased by 20.14%.

1.6 Notified Price of Coal

1.6.1 Under the Colliery Control Order, 1945, the Central Government was empowered to fix the prices of coal grade-wise and colliery-wise. As per recommendations of Bureau of Industrial Costs and Prices and the Committee on Integrated Coal Policy, prices of different grades of coal had been subjected to deregulation since 22.03.1996, in a phased manner. The pricing of coal has been fully deregulated after the notification of the Colliery Control Order, 2000 in place of Colliery Control Order, 1945.

B. Concepts, Definitions and Practices

1.7 Coal

Coal is a combustible sedimentary rock formed from ancient vegetation which has been consolidated between other rock strata and transformed by the combined effects of microbial action, pressure and heat over a considerable time period. This process is commonly called 'coalification'. Coal occurs as layers or seams, ranging in thickness from millimeters to many tens of metres. It is composed mostly of carbon (50–98 per cent), hydrogen (3–13 per cent) and oxygen, and smaller amounts of nitrogen, Sulphur and other elements. It also contains water and particles of other inorganic matter. When burnt, coal releases energy as heat which has a variety of uses.

1.8 Classification of Coal

1.8.1 Coal refers to a whole range of combustible sedimentary rock materials spanning over a continuous quality scale. For convenience, this continuous series is often divided into two main categories, namely **Hard Coal** and **Brown Coal**. These are further divided into multiple subcategories as given below.

- **Hard Coal**
 - Anthracite
 - Bituminous coal
 - Coking coal
 - Other bituminous coal
- **Brown coal**
 - Sub-bituminous coal
 - Lignite

1.8.2 In practice, hard coal is calculated as the sum of anthracite and bituminous coals. Anthracite is a high-rank, hard coal used mainly for industrial and residential heating. Bituminous coal is a medium-rank coal used for gasification, industrial coking and heating and residential heating. Bituminous coal that can be used in the production of a coke capable of supporting a blast furnace charge is known as **coking coal**. Other bituminous coal, not included under coking coal, is also commonly known as **thermal coal**. This also includes recovered slurries, middling and other low-grade, higher-rank coal products not further classified by type.

1.8.3 Classifying different types of coal into practical categories for use at an international level is difficult because divisions between coal categories vary between classification systems, both nationally and internationally, based on calorific value, volatile matter content, fixed carbon content, caking and coking properties, or some

combination of two or more of these criteria.

1.8.4 Although the relative value of the coals within a particular category depends on the degree of dilution by moisture and ash and contamination by sulphur, chlorine, phosphorous and certain trace elements, these factors do not affect the divisions between categories.

1.8.5 The International Coal Classification of the Economic Commission for Europe (UNECE) recognizes two broad categories of coal:

- i) **Hard coal** – Coal of gross calorific value not less than 5700 kcal/kg (23.9 GJ/t) on an ash-free but moist basis and with a mean random reflectance of vitrinite of at least 0.6.
- ii) **Brown coal** – Non-agglomerating coal with a gross calorific value less than 5700 kcal/kg (23.9 GJ/t) containing more than 31% volatile matter on a dry mineral matter free basis.

1.8.6 It should be stressed that the above classification system is based on the inherent qualities of the coal in question and not on the final use of the coal. In this way the classification system attempts to be objective and simple to apply.

1.9 Classification of Coal in India

1.9.1 In India coal is broadly classified into two types – Coking and Non-Coking. The former constitutes only a small part of the total coal resources of the country. These two are further subdivided as follows on the basis of certain physical and chemical parameter as per the requirement of the industry.

1.9.2 Coking Coal: Coking coal, when heated in the absence of air, form coherent beads, free from volatiles, with strong and porous mass, called coke. Coking coal has coking properties and is mainly used in steel making and metallurgical industries.

1.9.3 Semi Coking Coal: Semi Coking Coal, when heated in the absence of air, form coherent beads not strong enough to be directly fed into the blast furnace. Such coal is blended with coking coal in adequate proportion to make coke. Clearly, Semi Coking Coal has comparatively fewer coking properties than coking coal. It is mainly used as blendable coal in steel making, merchant coke manufacturing and other metallurgical industries.

1.9.4 Non-Coking Coal: Non-Coking Coal does not have coking properties and is mainly used for power generation. It is also used for cement, fertilizer, glass, ceramic, paper, chemical and brick manufacturing, and for other heating purposes.

1.9.5 Washed Coal: Processing of coal through water separation mechanism to improve the quality of coal by removing denser material (rocks) and high ash produces washed coal which has less ash, higher moisture, better sizing, better consistency, less abrasiveness, etc. The washed coking coal is used in manufacturing of hard coke for steel making. Washed non-coking coal is used mainly for power generation but is also used by cement, sponge iron and other industrial plants.

1.9.6 Middlings and Rejects:

In the process of coal washing, apart from Clean Coal we also get two by-products, namely, Middlings and Rejects. Clean coal has low density whereas rejects have high density. Middlings have intermediate density. Rejects contain high ash, mineral impurities, fraction of raw coal feed, etc. and are used for Fluidized Bed Combustion (FBC) Boilers for power generation, road repairs, briquette (domestic fuel) making, land filling, etc. Middlings are fraction of raw coal feed having values of classificatory parameters between that of clean coals and rejects. It is used for power generation. It is also used by domestic fuel plants, brick manufacturing units, cement plants, industrial plants, etc.

1.9.7 Hard Coke: Solid product obtained from carbonisation of coal, used mainly in the iron & steel industry.

1.10 Categorisation of Coal in India

1.10.1 In India, **coking coal** has been categorized or graded on the basis of ash content as per following scheme:

Grade	Ash Content
Steel Gr I	Ash content < 15%
Steel Gr II	15% ≤ Ash content < 18%
Washery Gr. I	18% ≤ Ash content < 21%
Washery Gr. II	21% ≤ Ash content < 24%
Washery Gr. III	24% ≤ Ash content < 28%
Washery Gr. IV	28% ≤ Ash content < 35%
Washery Gr. V	35% ≤ Ash content < 42%
Washery Gr. VI	42% ≤ Ash content < 49%

1.10.2 In India, **semi coking coal** has been categorized or graded on the basis of ash and moisture content as per following scheme:

Grade	Ash + Moisture content
Semi coking Gr. I	less than 19%
Semi coking Gr. II	Between 19% and 24%

1.10.3 In India, **non-coking coal** had been categorized or graded on the basis of Useful Heat Value (UHV) as per following scheme:

Grade	Useful Heat Value
A	UHV. > 6200 KCal/Kg
B	6200 ≥ UHV(KCal/Kg) > 5600
C	5600 ≥ UHV(KCal/Kg) > 4940
D	4940 ≥ UHV(KCal/Kg) > 4200
E	4200 ≥ UHV(KCal/Kg) > 3360
F	3360 ≥ UHV(KCal/Kg) > 2400
G	2400 ≥ UHV(KCal/Kg) > 1300

N.B:

1. "Useful heat value" is defined as:

$$\text{UHV} = 8900 - 138(A + M)$$

Where UHV = Useful heat value in KCal/kg,

A = Ash content (%).

M = Moisture content (%).

2. In the case of coal having moisture less than 2 percent and volatile content less than 19 percent the useful heat value shall be the value arrived as above reduced by 150 kilo calories per kilogram for each 1 percent reduction in volatile content below 19 percent fraction pro-rata.

3. Both moisture and ash are determined after equilibrating at 60 percent relative humidity and 40 degree C temperature.

4. Ash percentage of coking coals and hard coke shall be determined after air drying as per IS: 1350 - 1959. If the moisture so determined is more than 2 per cent, the determination shall be after equilibrating at 60 percent relative humidity at 40 degree C temperature as per IS: 1350 - 1959.

1.10.4 In order to adopt the best international practices, India decided to switch over from the grading based on Useful Heat Value (UHV) to the grading based on Gross Calorific Value (GCV) and therefore on 16.01.2011 the Ministry of Coal notified the switch over. As per the new system, following nomenclature has been introduced for gradation of **non-coking coal**.

Grades	GCV Range (Kcal/Kg)
G1	GCV exceeding 7000
G2	GCV between 6701 & 7000
G3	GCV between 6401 & 6700
G4	GCV between 6101 & 6400
G5	GCV between 5801 & 6100
G6	GCV between 5501 & 5800

G7	GCV between 5201 & 5500
G8	GCV between 4901 & 5200
G9	GCV between 4601 & 4900
G10	GCV between 4301 & 4600
G11	GCV between 4001 & 4300
G12	GCV between 3700 & 4000
G13	GCV between 3400 & 3700
G14	GCV between 3101 & 3400
G15	GCV between 2801 & 3100
G16	GCV between 2501 & 2800
G17	GCV between 2201 & 2500

1.10.5 Based on the GCV ranges of proposed gradation and erstwhile gradation, a concordance table is generated for better understanding. However, it may be noted that this concordance does not depict exact one-to-one relation between the two systems.

Table 5: Concordance Table	
Old Grading based on UHV	New Grading based on GCV
A	G1
	G2
	G3
B	G4
	G5
C	G6
D	G7
	G8
E	G9
	G10
F	G11
	G12
G	G13
	G14
Non-coking Coal Ungraded	G15
	G16
	G17

1.11 Some General Concepts

1.11.1 Run-of-Mine (ROM) Coal: The coal delivered from the mine to the Coal Preparation Plant (CPP) is called run-of-mine (ROM) coal. This is the raw material

for the CPP and consists of coal, rocks, middlings, minerals and contamination. Contamination is usually introduced by the mining process and may include machine parts, used consumables and parts of ground engaging tools. ROM coal can have a large variability of moisture and particle size.

1.11.2 Opencast Mining: Open-pit mining, open-cut mining or opencast mining is a surface mining technique of extracting rock or minerals from the earth by their removal from an open pit or borrow. This form of mining differs from extractive methods that require tunneling into the earth such as long wall mining. Open-pit mines are used when deposits of commercially useful minerals or rock are found near the surface; that is, where the overburden (surface material covering the valuable deposit) is relatively thin or the material of interest is structurally unsuitable for tunneling (as would be the case for sand, cinder, and gravel). For minerals that occur deep below the surface - where the overburden is thick or the mineral occurs as veins in hard rock - underground mining methods extract the valued material.

1.11.3 Underground Mining of Coal: It refers to a group of underground mining techniques such as Longwall Mining, Room-And-Pillar Mining, etc. used to extract coal from sedimentary ("soft") rocks in which the overlying rock is left in place, and the mineral (coal) is removed through shafts or tunnels.

1.11.4 Stripping Ratio: In mining, stripping ratio or strip ratio refers to the ratio of the volume of overburden (waste materials) required to be handled in order to extract some tonnage of coal. For example, a 3:1 stripping ratio means that mining one tonnes of coal will require mining three tonnes of waste materials. This is a phenomenon related to mainly Opencast (OC) mining which requires removal of overburden prior to extraction of coal. Underground mining operations tend to have lower stripping ratio due to increased selectivity.

1.11.5 Output Per Man Shift (OMS): Productivity means the ratio between input and output and can be interpreted in different ways in different contexts. In case of production of coal, we use Output per Man Shift (OMS). This is defined (in Tonnes) as the ratio of Production (in Million Tonnes) to Manshift (in Millions).

1.11.6 Despatch and Off-take: The term "Despatch" (say, of raw coal) is used in this compilation to mean all the despatch of coal to different sectors but exclude collieries' own consumption (boiler coal used in collieries and supply to employees). On the other hand, "Off-take" means total quantity of raw coal used/ lifted for consumption and naturally includes collieries own consumption. Therefore, Off-take = Despatch + Colliery Consumption.

1.11.7 Change of Stock: Change of Stock means the difference between opening and closing stock of an item.

1.11.8 Pit-Head Stock: The term "Pit-head Closing Stock" of raw coal is used in this compilation to mean all the raw coal stock at pit-head of collieries.

1.11.9 Pit-head Value: Pit-head Value of coal is the value of coal at pit-head of the colliery. It is computed on the basis of base price and therefore it does not involve any cost of loading, transportation from pit-head, Cess, Royalty, GST, etc. This approach is followed by all non-captive coal companies, viz., CIL Subsidiaries, The Singareni Collieries Companies Ltd. (SCCL), Jharkhand State Mineral Development Corporation Ltd. (JSMDCCL) and Jammu & Kashmir Mineral Ltd. (JKML).

1.11.9.1 In case of captive collieries, pit-head value of coal depends upon their accounting policy. If the costing of coal is done on no-profit-no-loss basis then pit-head value is calculated accordingly. This practice is found to be followed in captive collieries of public sector units.

1.11.9.2 On the other hand, if the captive colliery is treated as independent commercial unit then pit-head value is calculated on the basis of unit value of realization, which includes cost price and profit/loss per unit but excludes any transportation cost from pit-head, Cess, Royalty, GST, etc. This is particularly followed in private captive colliery which is in contract to supply coal to any priority sector for which captive colliery is permitted (Steel, Iron, Power, Cement, etc.).

1.11.9.3 Even there are private sector collieries being managed by the parent company engaged in manufacturing of Steel and Iron, Power, Cement for which captive collieries are allowed. Due to non-availability of value figures from these companies, pit-head value of coal is determined on the basis of nearest Coal India Subsidiary price rate considering comparable grade and location. Though this may not be a correct price and would not depict a true picture, yet we use it because this is one of the acceptable estimates.

1.11.9.4 While using value data it is to be kept in mind that these data are useful for macro-level study or trend study. However, the quality of coal has been deteriorating over the years, quite inversely proportional to the open cast production share in the total production. Thus, the comparison of unit value over the years would not reflect correct picture of inflation until this deteriorating effect of quality is not considered and that effect is removed.

1.11.9.5 It may be concluded that, in India, unit value (Rs.) of coal in terms per kilo calorie useful heat value has been increasing more rapidly than being exhibited by simple unit value comparison over the years.

1.12 Commodity Classification

1.12.1 For export import data, the 8-digit codes of Indian Trade Classification (based on Harmonized Coding System) have been adopted by DGCI&S in classifying the various grades of coal and coal products. For Coking coal, the only 8-digit code is "27011910" and all other codes of coal are taken as non-coking coal (Mainly pertains to remaining part of 2701, some parts of 2702 & 2703). Similarly, for all items in 2704 group has been taken under coke. The effect of retort carbon is negligible and included under coke.

Highlights

1. Production

In the year 2023-24, the total production of raw coal in India was 997.826 MT whereas it was 893.191 MT in 2022-23. Thus in 2023-24, production of coal increased by 11.71 % in comparison to 2022-23. In the year 2023-24 production of lignite was 42.921 MT against 44.029 MT in 2022-23, thus in 2023-24 lignite production decreased by 2.52% against 2022-23. [Ref: Table 3.1]

The contribution of Public Sector and Private Sector in the production of Raw Coal in 2023-24 was as follows: [Ref: Table 3.11]

Production of Raw Coal in 2023-24 (MT)			
Sector	Coking	Non-Coking	Total Coal
Public	60.897	888.896	949.793
Private	5.924	42.109	48.033
All India	66.821	931.005	997.826

The production of coking coal in 2023-24 was 66.821 MT whereas it was 60.759 MT in 2022-23, thus registering a positive growth of 9.98%. In 2023-24, the production of non-coking coal was 931.005 MT whereas it was 832.432 MT in 2022-23, showcasing a positive growth of 11.84%. [Ref Table: 3.2].

In 2023-24, the production of washed coal (coking) was 5.397 MT whereas in 2022-23, the quantity was 5.310 MT which increased by 1.64% when compared with the previous year. In 2023-24, production of middling (coking) was 6.193 MT whereas in 2022-23, the quantity was 3.770 MT, hence, an increase of 64.27% was observed. [Ref Table: 3.3]

In 2023-24, Odisha registered the highest coal production of 239.402 MT (23.99%), followed by Chhattisgarh 207.255 MT (20.77%), Jharkhand 191.158 MT (19.16%) and Madhya Pradesh 159.228 MT (15.96%). In 2023-24, Tamil Nadu was the largest producer of lignite and produced 21.580 MT (50.28%) followed by Gujarat 11.326 MT (26.39%) and Rajasthan 10.015 MT (23.33%). [Ref Table: 3.9 & 3.10]

Coal India Limited produced 773.806 MT (77.55%) and SCCL 70.021 MT (7.02%) of coal in 2023-24. In that year, the main producer of lignite was Neyveli Lignite Corporation that produced 23.680 MT (55.17%). [Ref Table: 3.11 & 3.14a]

Like previous years, in 2023-24, Jharkhand produced the maximum coking coal in India, MT which was 99.62% of total coking coal production (66.569 MT). Odisha was the highest non-coking coal producing state, producing 239.402 MT (25.71%) of the total non-coking production of 931.005 MT, followed by Chhattisgarh which produced 207.039 MT (22.24%) and Madhya Pradesh 159.192 MT (17.10%). [Ref Table: 3.13]

In 2023-24, around 96.56% of coal production in India was from Open Cast mines (963.495 MT) and the rest 3.44% was from Underground mines (34.331 MT). [Ref Table: 3.19]. MCL produced the highest quantity of coal from Open Cast mines, 205.643 MT (21.34%) followed by SECL which produced 175.412 MT (18.21%). SECL produced the highest quantity of coal from Underground mines, 11.964 MT (34.85%) followed by ECL which produced 9.183 MT (26.75%). [Ref Table: 3.20]

Overall stripping ratio [stripping ratio is defined as the ratio of overburden removal to coal produced in open cast mining] for the year 2023-24 was 2.93. The stripping ratio for CIL mines was 2.56, for SCCL mines was 6.51 and for total public companies was 2.90 whereas it was 3.51 for private companies. [Ref Table 3.22]

Productivity (OMS) of Overall in year 2023-24 was 14.99 Tonnes for CIL and 5.41 Tonnes for SCCL. OMS for Open Cast mines was 24.88 Tonnes for CIL and 13.24 Tonnes for SCCL. OMS for Underground mines of CIL was 1.21 Tonnes and for SCCL was 1.19 Tonnes. (OMS is the output measured in tonnes per unit of man-shift) [Ref Table: 3.23].

2. Despatch

In the year 2023-24, despatch of indigenous raw coal was 973.009 MT against 877.369 MT in 2022-23, thus showing a increase of 10.90%. In 2023-24, despatch of lignite was 42.594 MT against 46.822 MT in 2022-23, thus showing a negative growth of 9.03%. [Ref Table: 4.1]

The contribution of Public Sector and Private Sector in the despatch of raw coal in 2023-24 was as follows: [Ref Table: 4.9]

Despatch of Raw Coal in 2023-24 (MT)			
Sector	Coking	Non-coking	Total Coal
Public	58.100	867.864	925.964
Private	5.904	41.141	47.045
All India	64.004	909.005	973.009

Despatch of coking coal increased to 64.004 MT in 2023-24 from 59.413 MT in 2022-23, thus, showing a positive growth of 7.73% over 2022-23. [Ref: Table 4.2].

In 2023-24, despatch of non-coking coal 909.005 MT whereas it was 817.956 MT in 2022-23, thus showing a positive growth of 11.13% over 2022-23.. [Ref Table: 4.2]

In 2023-24, despatch of washed coal (coking) was 5.370 MT against 5.277 MT in 2022-23, thus increasing by 1.76%. In 2023-24, despatch of middling (coking) was 6.181 MT against 3.860 MT in 2022-23, thus increasing by 60.13%. [Ref Table: 4.3]

In 2023-24 major quantity of coal was despatched from Odisha 231.789 MT (23.82%) followed by Chhattisgarh 201.163 MT (20.67%), Jharkhand 182.304 MT (18.74%), Madhya Pradesh 130.561 MT (13.42%), Telangana 72.351 MT (7.44%) and Maharashtra 70.595 MT (7.26%). [Ref Table: 4.7]

In case of lignite despatch, Tamil Nadu had the highest share of 20.921 MT (49.12%) followed by Gujarat 11.347 MT (26.64%) and Rajasthan 10.326 MT (24.24%) in 2023.24. [Ref Table: 4.8]

Out of the total despatch of raw coal in 2023-24, despatch of CIL was 753.533 MT (77.44%) and SCCL 69.858 MT (7.18%). Among the other PSUs maximum coal was despatched by NTPC 34.219 MT (3.52%). Despatch of coal from private sector was 47.045 MT (4.84%) in which SPL had the largest share of 18.077 MT followed by JPL 6.874 MT. [Ref Table: 4.9]

Power Sector (Utility and Captive) continued to be the largest user of coal In 2023-24, coal despatched to power sector was 859.336 MT compared to 785.396 MT in 2022-23. Coal despatched to steel sector was 17.344 MT in 2023-24 and 13.382 MT in 2022-23. Coal despatched to Sponge Iron sector was 11.965 MT in 2023-24 compared to 8.903 MT in 2022-23. Coal despatched to cement sector was 9.163 MT in 2023-24 compared to 9.309 MT in 2022-23. [Ref Table: 4.20]

3. Pit Head Closing Stock

Pit-head closing stock of raw coal at the end of 2023-24 was 108.746 MT against 84.416 MT in 2022-23. Closing Stock of lignite at the end of 2023-24 was 1.883 MT whereas it was 1.556 MT at the end of 2022-23. [Ref Table: 5.1]. Out of total closing stock at the end of 2023-24, share of public sector was 105.314 MT (96.84%). [Ref Table: 5.7]

At the end of 2023-24, Pit-head closing stock of coking coal was 8.626 MT against 5.810 MT at the end of 2022-23 MT and pit-head closing stock of non-coking coal was 100.120 MT against 78.606 at the end of 2022-23. [Ref Table: 5.2].

4. Import and Export

In 2023-24, total import of coal was 260.953 MT compared to 237.668 MT in 2022-23, thus showing an increase of 9.8%. In 2023-24, import of coking coal was 58.118 MT compared to 56.053 MT in 2022-23, showing a increase of 3.7%. Import of non-coking coal was 202.835 MT in 2023-24 compared to 181.615 MT in 2022-23, depicting a increase of 11.7%. [Ref Table: 8.1]

In 2023-24, coal was mainly imported from countries such as Indonesia (115.711 MT), Australia (43.698 MT), South Africa (28.473 MT), Russia (22.881 MT), U.S.A (21.233 MT) and Singapore (10.072 MT). [Ref Table: 8.3]

In 2023-24, coal was mainly imported through ports such as Krishnapatnam (20.728 MT), Paradip Sea (20.597 MT), Dhamra Chandbali (19.594 MT), Visakhapatnam Sea (17.126 MT), Kolkata Sea (16.518 MT), Gangavaram port (16.018 MT), Mundra (14.976 MT), Sez Mundra (13.159 MT) Kandla Sea (11.296 MT), Jaigad (10.846 MT) among others. [Ref Table: 8.5]

In 2023-24, export of coal was 1.376 MT compared to 1.166 MT in 2022-23. Coal was mainly exported to Nepal (1.007 MT), Bangladesh (0.109 MT) and UAE (0.104 MT). [Ref Table: 8.4]

5. Captive, Commercial & Other Coal and Lignite Blocks

In 2023-24, the production of raw coal from captive coal block (includes power and non-regulated sectors as end users) was 129.963 MT, the commercial coal block had contributed 17.722 MT (Including GP

IV/2&3) in raw coal production, whereas the other coal blocks in India had produced 6.474 MT. [Ref Table: 3.7]

In 2023-24, Despatch of coal from captive coal blocks was 126.859 MT, the Commercial Coal Blocks had contributed 16.501 MT (Including GP IV/2&3) in raw coal despatch whereas the others coal blocks in India had despatch 6.450 MT. [Ref Table: 4.6]

As on 31.03.2024, the number of coal blocks that exist is 159 (vested/ allotted - 121 + Under MMDR act - 34 + Blocks not cancelled - 4).

The number of lignite blocks that stands allocated as on 31.03.2024, is 25.

6. Geological Coal Reserve

As per Geological Survey of India, geological reserve of coal in India as on 01.04.2024 was 3,89,421 Million Tonnes. The type wise break up of coal reveals that reserve of coking coal (prime, medium and semi-coking) was 36,812 Million Tonnes and non-coking coal was 3,52,608 Million Tonnes. [Ref Table: 2.1]

Total coal extracted since 1950 up to 2023-24 was around **1,99,66,124** Thousand Tonnes.

7. Comparison between Provisional and final figures

The following statement shows comparison between Provisional and Final figures of Production and Despatch of Coal and Lignite during last Ten Years.

Year	Item	Production				Despatch			
		(Qty. in MT)							
		Coking Coal	Non Coking Coal	Total Coal	Lignite	Coking Coal	Non Coking Coal	Total Coal	Lignite
2014-15	Provisional	57.451	554.984	612.435	48.257	56.614	551.016	607.63	46.941
	Actual	57.446	551.733	609.179	48.27	56.438	547.334	603.772	46.954
	Change(A-P)	-0.01%	-0.59%	-0.53%	0.03%	-0.31%	-0.67%	-0.63%	0.03%
2015-16	Provisional	60.887	578.347	639.234	43.843	59.213	572.956	632.169	42.212
	Actual	60.887	578.343	639.23	43.842	59.213	573.229	632.442	42.211
	Change(A-P)	0.00%	0.00%	0.00%	0.00%	0.00%	0.05%	0.04%	0.00%
2016-17	Provisional	61.661	601.131	662.792	45.23	59.545	590.774	650.319	43.155
	Actual	61.661	596.207	657.868	45.23	59.308	586.67	645.978	43.155
	Change(A-P)	0.00%	-0.82%	-0.74%	0.00%	-0.40%	-0.69%	-0.67%	0.00%
2017-18	Provisional	40.147	635.253	675.4	46.255	45.38	642.451	687.831	45.929
	Actual	40.148	635.252	675.4	46.644	45.38	644.623	690.003	46.317
	Change(A-P)	0.00%	0.00%	0.00%	0.84%	0.00%	0.34%	0.32%	0.84%
2018-19	Provisional	41.132	687.586	728.718	44.283	43.318	689.476	732.794	45.811
	Actual	41.132	687.586	728.718	44.283	43.318	689.476	732.794	45.811
	Change(A-P)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2019-20	Provisional	52.937	677.936	730.873	42.103	50.656	656.114	706.77	42.267
	Actual	52.936	677.938	730.874	42.096	50.656	656.52	707.176	42.267
	Change(A-P)	0.00%	0.00%	0.00%	-0.02%	0.00%	0.06%	0.06%	0.00%
2020-21	Provisional	44.787	671.297	716.084	36.614	44.001	646.887	690.888	37.22
	Actual	44.787	671.296	716.083	37.895	44	646.884	690.884	38.492
	Change(A-P)	0.00%	0.00%	0.00%	3.50%	0.00%	0.00%	0.00%	3.42%
2021-22	Provisional	51.702	726.488	778.19	47.49	54.402	764.595	818.997	49.073
	Actual	51.702	726.508	778.21	47.492	54.403	764.81	819.213	49.074
	Change(A-P)	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%	0.03%	0.00%
2022-23	Provisional	60.760	832.430	893.190	44.990	59.413	817.956	877.369	46.822
	Actual	60.759	832.432	893.191	44.029	59.413	817.956	877.369	46.822
	Change(A-P)	0.00%	0.00%	0.00%	-2.14%	0.00%	0.00%	0.00%	0.00%
2023-24	Provisional	66.821	931.007	997.828	42.921	64.004	909.011	973.015	42.594
	Actual	66.821	931.005	997.826	42.921	64.004	909.005	973.009	42.594
	Change(A-P)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

N.B: P=Provisional and A=Actual

Table 1.1 : Growth of India's Coal Sector at a Glance

Sl. No.	Item	Unit	2019-20	2020-21	2021-22	2022-23	2023-24	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1	Reserves (Proved)							
	(i) Coking Coal	Million Tonnes	20062.740	20169.030	20873.000	22161.750	23064.200	
	(ii) Non Coking		143398.100	157009.910	166232.390	177742.060	189142.960	
	(iii) Lignite		6787.530	7374.100	7505.590	7511.520	7964.430	
2	Opening Stock							
	(i) Coal	Million	57.640	81.432	109.060	68.901	84.416	
	(ii) Lignite	Tonnes	5.672	5.495	4.981	3.389	1.556	
3	Production :							
	(i) Coal	Million Tonnes	730.874	716.083	778.210	893.191	997.826	
	(ii) Lignite		42.096	37.895	47.492	44.029	42.921	
	(iii) Coal Products*		42.579	40.475	26.543	27.467	23.997	
4	Despatch :							
	(i) Coal	Million Tonnes	707.176	690.884	819.213	877.369	973.009	
	(ii) Lignite		42.267	38.492	49.074	46.822	42.594	
	(iii) Coal Products*		42.224	40.259	27.193	27.200	24.262	
5	Closing Stock							
	(i) Coal	Million	81.432	109.060	69.901	84.416	108.746	
	(ii) Lignite	Tonnes	5.495	4.981	3.389	1.556	1.883	
6	Imports							
	(a) Quantity:	Coal	Million Tonnes	248.537	215.251	208.627	237.668	260.953
		Coal Products		4.931	2.457	2.506	3.632	3.959
		Lignite		0.054	0.019	0.011	0.023	0.052
		Total (a)		253.522	217.727	211.144	241.322	264.964
	(b) Value:	Coal	Million Rupees	1527320.55	1160240.54	2287841.24	3835843.76	3063257.00
		Coal Products		120644.85	44688.59	81031.26	135750.18	114746.92
		Lignite		1074.46	409.24	378.12	987.40	1444.89
Total (a)		1649039.87		1205338.37	2369250.62	3972581.35	3179448.81	
7	Exports							
	(a) Quantity:	Coal	Million Tonnes	1.030	2.945	1.316	1.166	1.376
		Coal Products		0.022	0.025	0.503	0.034	0.137
		Lignite		0.093	0.187	0.814	0.333	0.002
		Total (a)		1.144	3.158	2.633	1.534	1.515
	(b) Value:	Coal	Million Rupees	5832.07	5736.03	11232.01	15001.45	14891.39
		Coal Products		224.42	311.91	16148.01	702.81	3830.59
		Lignite		2480.98	4778.60	25916.73	14955.62	137.26
Total (b)		8537.47		10826.55	53296.75	30659.88	18859.24	
8	Unit Value of Coal Imports (gr.)	Rs./Tonne	6145.25	5390.17	10966.19	16139.51	11738.73	
9	India's Total Exports	Million Rupees	22198542	29159577	31470215	36215499	36189523	
10	India's Total Imports	Million Rupees	33609545	21590432	45727746	57498013	56160424	
11	(i) Coal imports as percentage of India's total import	%	4.91%	5.58%	5.18%	6.91%	5.66%	
	(ii) Coal exports as percentage of India's total export	%	0.04%	0.04%	0.17%	0.08%	0.05%	

* Coal Products include Washed coal and Middlings produced from washeries owned by collieries and integrated steel plant.

Source: DGCI & S, Kolkata /Coal Companies/GSI

Table-1.2 : Total Primary Supply (TPS) of Coal & Lignite : 2014-15 to 2023-24

(Quantity in Million Tonnes)

Year	Fuel type	Production	Imports	Exports	Net Import	Opening Stock	Closing Stock	Stock Change (Opening - Closing)	T P S
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2014-15	Coal	609.179	217.783	1.238	216.545	55.514	59.389	-3.875	821.849
	Lignite	48.270	0.001	0.003	-0.002	1.860	3.176	-1.316	46.952
	Total	657.449	217.784	1.241	216.543	57.374	62.565	-5.191	868.801
2015-16	Coal	639.230	203.949	1.575	202.374	59.389	65.361	-5.972	835.632
	Lignite	43.842	0.001	0.001	0.001	3.176	4.809	-1.633	42.210
	Total	683.072	203.950	1.576	202.375	62.565	70.170	-7.605	877.842
2016-17	Coal	657.868	190.953	1.773	189.180	65.361	76.889	-11.528	835.520
	Lignite	45.230	0.019	0.005	0.014	3.176	6.883	-3.707	41.537
	Total	703.098	190.972	1.778	189.194	68.537	83.772	-15.235	877.057
2017-18	Coal	675.400	208.249	1.504	206.745	75.952	62.036	13.916	896.061
	Lignite	46.644	0.010	0.004	0.006	6.883	7.210	-0.327	46.323
	Total	722.044	208.259	1.508	206.751	82.835	69.246	13.589	942.384
2018-19	Coal	728.718	235.348	1.306	234.042	62.036	57.640	4.396	967.156
	Lignite	44.283	0.019	0.079	-0.060	7.210	5.672	1.538	45.761
	Total	773.001	235.367	1.385	233.982	69.246	63.312	5.934	1012.917
2019-20	Coal	730.874	248.537	1.030	247.507	57.640	81.432	-23.792	954.589
	Lignite	42.096	0.054	0.093	-0.038	5.672	5.495	0.177	42.235
	Total	772.970	248.591	1.122	247.468	63.312	86.927	-23.615	996.823
2020-21	Coal	716.083	215.251	2.945	212.306	81.432	109.060	-27.628	900.761
	Lignite	37.895	0.019	0.187	-0.169	5.495	4.981	0.514	38.240
	Total	753.978	215.270	3.133	212.137	86.927	114.041	-27.114	939.001
2021-22	Coal	778.210	208.627	1.316	207.311	109.060	68.901	40.159	1025.680
	Lignite	47.492	0.011	0.814	-0.803	4.981	3.389	1.592	48.281
	Total	825.702	208.638	2.129	206.509	114.041	72.290	41.751	1073.962
2022-23	Coal	893.191	237.668	1.166	236.502	68.901	84.416	-15.515	1114.178
	Lignite	44.029	0.023	0.333	-0.310	3.389	1.556	1.833	45.552
	Total	937.220	237.691	1.499	236.192	72.290	85.972	-13.682	1159.730
2023-24	Coal	997.826	260.953	1.376	259.577	84.416	108.746	-24.330	1233.073
	Lignite	42.921	0.052	0.002	0.050	1.556	1.883	-0.327	42.644
	Total	1040.747	261.005	1.378	259.627	85.972	110.629	-24.657	1275.717

Note: Total Primary Supply is estimated as sum of indigenous production, Net Import & Stock Change.

02.

Resources & Exploration



Section II

Resources & Exploration

2.1 Indian Coal Deposits

The Indian coal deposits are primarily concentrated in the Gondwana sediments (Upper Paleozoic to Mesozoic systems) located in the Eastern and Central parts of Peninsular India and also in parts of North Eastern Regions Viz., Sikkim, Assam and Arunachal Pradesh. The coal is of bituminous to sub-bituminous rank and is restricted to the sediments of Permian age.

2.1.1 Seams of these coalfields generally range in thickness from 1.0 m to 30.0 m, with exceptionally thick seams of 134.0 m found in Singrauli coalfield. The coalfields have been faulted but otherwise are not highly technologically developed.

2.1.2 The Tertiary coal bearing sediments are found in North-Eastern India, spreading over the states of Assam, Arunachal Pradesh, Nagaland and Meghalaya of which the Assam Coal fields are the prominent ones. Here, the coalfields are highly disturbed tectonically and range from sub-bituminous to high volatile bituminous types with high Sulphur contents.

2.2 Indian Lignite Deposits

Indian lignite deposits are in the Tertiary sediments in the Southern & Western parts of the peninsular shield, particularly in Tamil Nadu, Pondicherry, Gujarat, Rajasthan and Jammu & Kashmir. It is also available, in minor quantity, in Kerala & West Bengal.

2.3 Exploration

Exploration of coal resources in the country is carried out in two stages. In the first stage, Geological Survey of India (GSI) and various State Directorates of Geology & Mining undertake regional exploration with one or two Borehole per sq. km for locating potential coal and lignite bearing areas on a regular basis under the funding from the Ministry of Mines, Government of India. This effort is supplemented by Mineral Exploration Corporation Ltd.

(MECL), Geological Survey of India, Central Mine Planning and Design Institute Ltd. (CMPDIL) through promotional regional exploration under funding from the Ministry of Coal.

2.3.1 In the 2nd stage, detailed exploration is carried out by CMPDIL, a subsidiary of Coal India Ltd. directly as well as through MECL, State Governments and private agencies for the purpose of mine planning and utilization of coal resources to meet the demands of different sectors of the economy. The detailed exploration in the command area of SCCL is carried out by SCCL itself. Nowadays, many private exploration agencies have also been undertaking detailed exploration in regionally explored coal blocks mainly under the supervision of CMPDIL.

2.3.2 CMPDIL acts as a nodal agency for distribution of funds provided by the Ministry of Coal for exploration and supervision work of MECL in the area of promotional exploration of coal.

2.3.3 Priorities of various projects/ blocks, taken up for detailed exploration, are decided after taking into account factors like emerging demands and their geographical locations, availability of infrastructure for coal evacuation and techno-economic feasibility of mine development including the coal quality.

2.4 Coal Resources

Detailed data on Coal resources, as on 1st April 2024, by type of coal for different coal bearing States, field-wise and grade-wise are provided in **Tables 2.1 to 2.5**.

2.4.1 As per GSI compilation of resources as on 1st April 2024, in situ geological resources of coal in India up to a depth of 1200 meters are 389421.34 Million Tonnes (MT) which includes proved, indicated and inferred resources.

Out of the total geological resources in the country, 377012.11 (96.81%) million Tonnes (MT) are shared by seven states, Odisha 99203.83 (25.47%), Jharkhand 91811.57 MT (23.58%), Chhattisgarh 82666.36 MT (21.23%), West Bengal 33958.07 MT (8.72%), Madhya Pradesh 32815.13 MT (8.43%), Telangana 23205.52 MT (5.96%) and Maharashtra 13351.63 MT (3.43%).

2.4.2 Out of the total resource of 389421.34 MT as on 1st April, 2024, the share of proved, indicated and inferred resources are 212207.16 MT (54.49%), 148716.53 MT (38.19%) and 28497.65 MT (7.32%) respectively.

2.4.3 Of the total resources, the share of Prime Coking is 5443.41 MT (1.40%), Medium Coking is 29572.00 MT (7.59%), and Blendable/Semi Coking is 1797.48 MT (0.46%). Share of Non-coking Coal (Including High Sulphur) is 352608.45 MT (90.55%).

2.5 Lignite Resources:

Neyveli Lignite Corporation (NLC) programs, coordinates and reviews the regional exploration work concerning lignite resources. Detailed data on lignite resources are available in **Table 2.6** and **Table 2.7**.

2.5.1 Total lignite resources of the country as on 1st April 2024 are 47295.61 MT which include proved, indicated and inferred resources. Out of the total lignite resources, almost all i.e. 46831.94 MT (99.02%) are shared majorly by the states of Tamil Nadu 37523.65 (79.34%), Rajasthan 6586.24 (13.93%) and Gujarat 2722.05 (5.76%).

2.5.2 Information regarding Promotional drilling and detailed Drilling achievements during the IXth, Xth, XIth, XIIth, XIIIth and XIVth plan periods, on the basis of Agency and Coal Company command areas are reported in Tables 2.8 and 2.9.

Exploration Stage: Regional (Funded by Ministry of Mines)	
Exploration Agencies	
1.	Geological Survey of India
2.	State Directorates of Geology & Mining
Exploration Stage: Regional (Promotional funded by Ministry of Coal)	
Exploration Agencies	
1.	Geological Survey of India
2.	Mineral Exploration Corporation Ltd.
3.	Central Mine Planning and Design Institute Ltd.
Exploration Stage: Detailed	
Exploration Agencies	
1.	Central Mine Planning and Design Institute Ltd.
2.	Singareni Collieries Company Ltd.
3.	Mineral Exploration Corporation Ltd.
4.	Neyveli Lignite Corporation Ltd.
5.	State Directorates of Geology & Mining.
6.	Private Agencies.
Exploration Stage: Developmental	
Exploration Agencies	
1.	Coal India Limited's Subsidiaries including Central Mine Planning and Design Institute Ltd.
2.	Singareni Collieries Company Ltd.
3.	Neyveli Lignite Corporation Ltd.
4.	Private Parties/ Coal Mine Owners.

2.6 The different exploration stages and agencies involved in the exercise are summarized below for easy comprehension of the readers.

Chart II.I : Share of Top Ten Field Wise Inventory of Geological Resource of Coal in India as on 01/04/2024

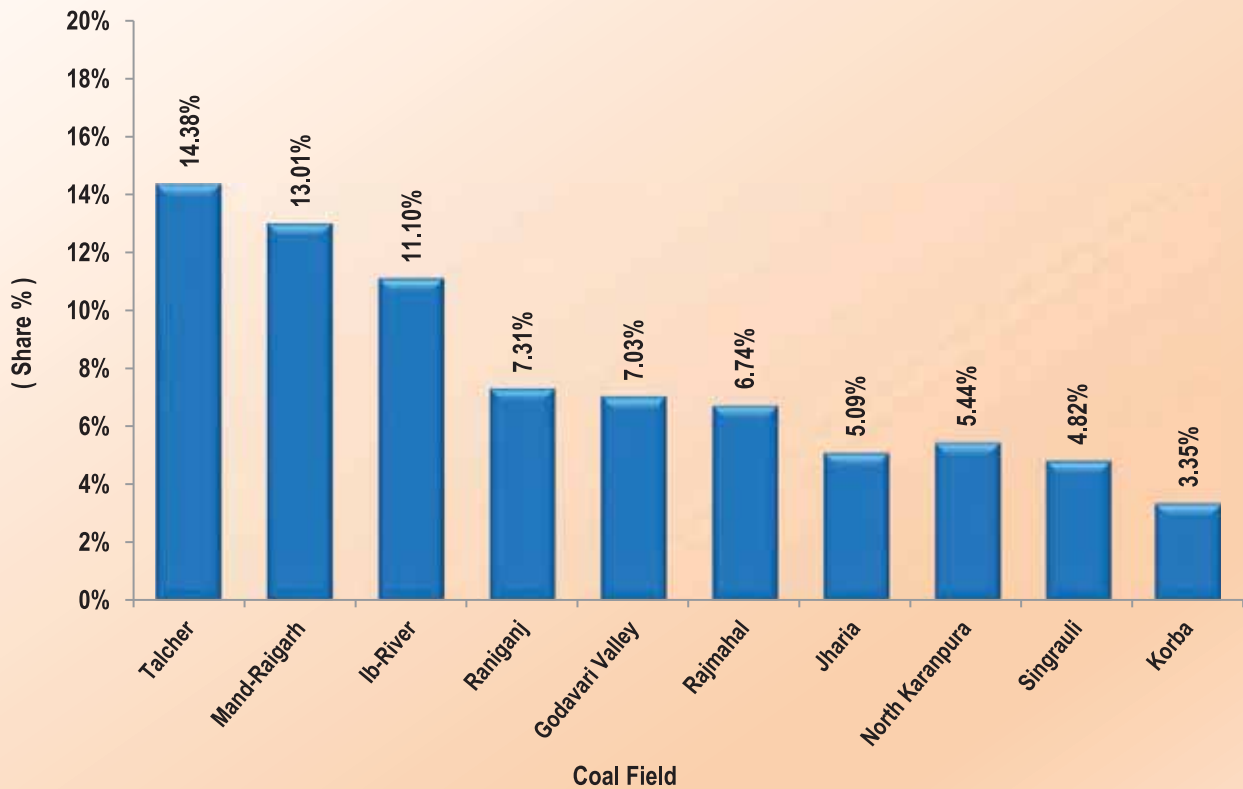


Chart II.II : Share of Grade Wise Inventory of Geological Resource of Non Coking Coal in Gondwana Coal Field as on 01/04/2024

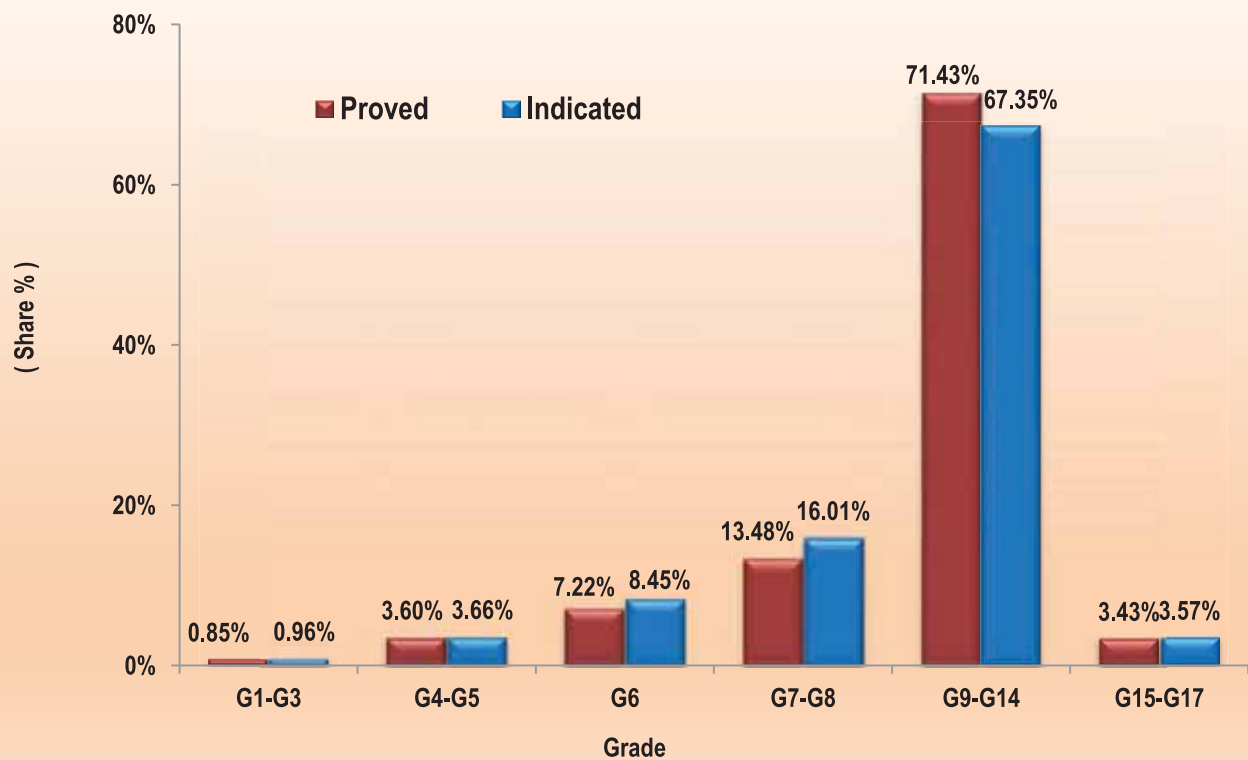


Chart II.III : Share of State Wise Inventory of Geological Resource of Coal in Gondwana Coal Fields of India as on 01/04/2024

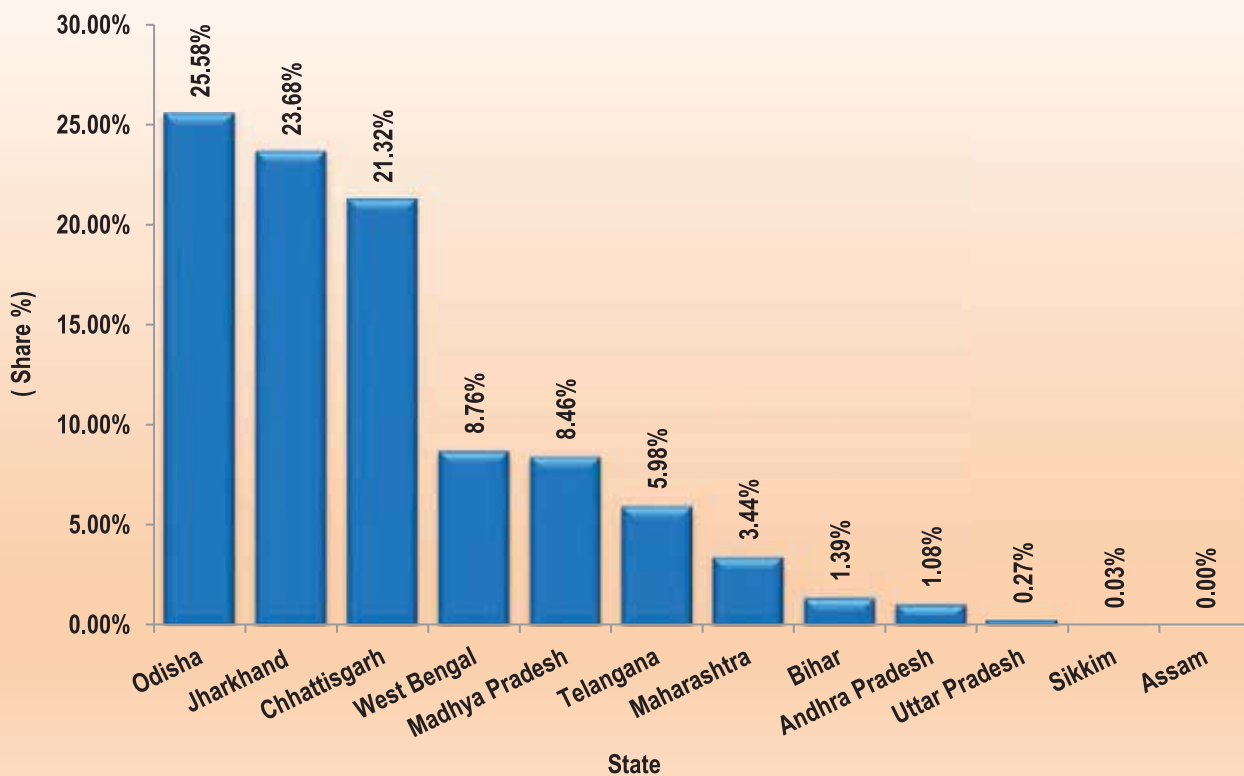


Chart II.IV : Share of State Wise Inventory of Geological Resource of Coal in Tertiary Coal Fields of India as on 01/04/2024

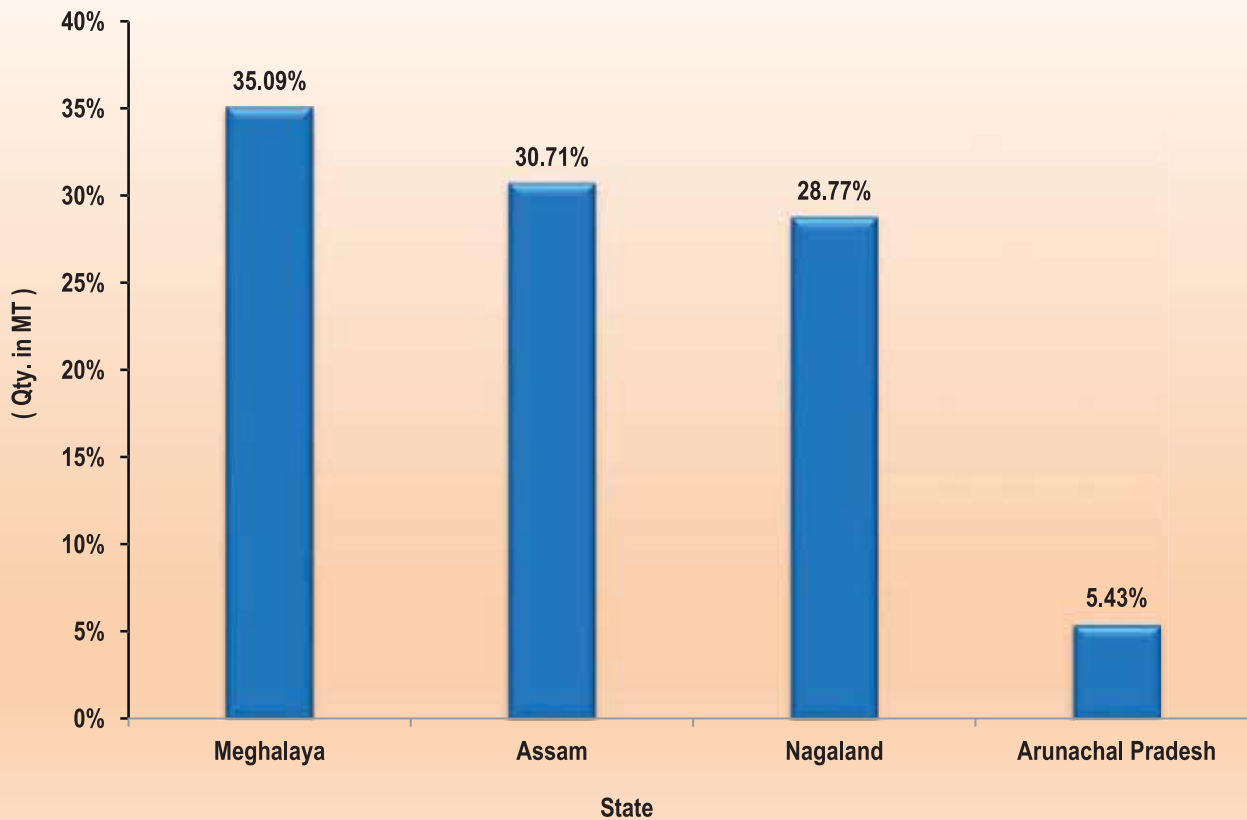
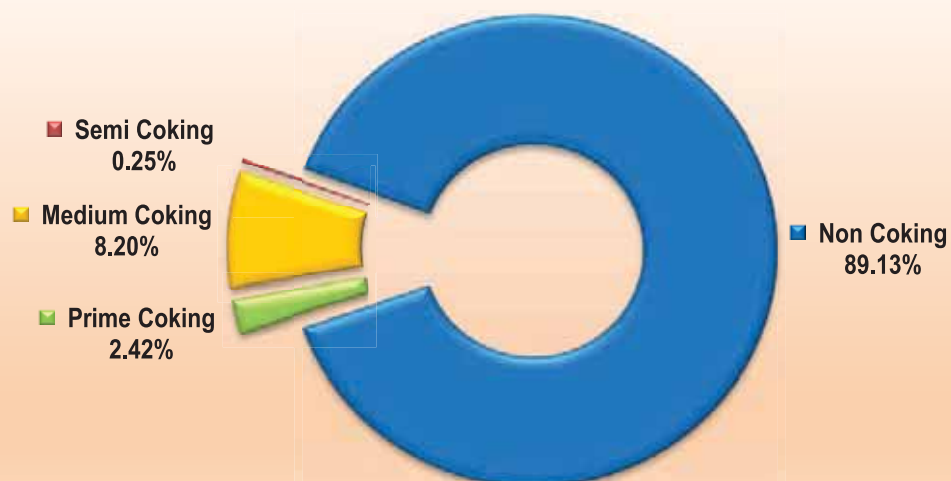


Table 2.1 : Inventory of Geological Resource of Coal by Type (as on 1st April) during last Five Years

(Qty. in MT)

Type of Coal	As on	Resource			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Prime Coking	01/04/2020	4668	645	0	5313
	01/04/2021	4668	645	0	5313
	01/04/2022	4673	645	0	5318
	01/04/2023	5133	186	0	5318
	01/04/2024	5133	311	0	5443
Medium Coking	01/04/2020	14876	11245	1863	27984
	01/04/2021	14972	11245	1863	28080
	01/04/2022	15670	10648	1761	28081
	01/04/2023	16500	10266	1761	28527
	01/04/2024	17402	10409	1761	29572
Blendable / Semi Coking	01/04/2020	519	995	193	1708
	01/04/2021	530	992	186	1708
	01/04/2022	530	992	186	1708
	01/04/2023	530	1081	186	1797
	01/04/2024	530	1081	186	1797
Non Coking (Including High Sulphur)	01/04/2020	143398	137507	28112	309017
	01/04/2021	157010	134067	25949	317026
	01/04/2022	166232	134967	25106	326306
	01/04/2023	177742	140149	24674	342564
	01/04/2024	189143	136916	26550	352608
Total	01/04/2020	163461	150392	30168	344021
	01/04/2021	177179	146949	27998	352126
	01/04/2022	187105	147252	27054	361412
	01/04/2023	199904	151682	26621	378207
	01/04/2024	212207	148717	28498	389421

Distribution of Proved Resource of Coal in India (as on 01/04/2024)



Source: Geological Survey of India

Table - 2.2: State Wise Inventory of Geological Resources of Coal in India (as on 1st April)

(Qty. in MT)

State	As on	Resources				State	As on	Resources																			
		Proved	Indicated	Inferred	Total			Proved	Indicated	Inferred	Total																
(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)																
Gondwana Coalfields						Tertiary Coalfields																					
Assam	1/4/2022	0	14	0	14	Arunachal Pradesh	1/4/2022	31	40	19	90																
	1/4/2023	0	14	0	14		1/4/2023	31	40	19	90																
	1/4/2024	0	14	0	14		1/4/2024	31	40	19	90																
Andhra Pradesh	1/4/2022	921	2,443	778	4,142	Assam	1/4/2022	465	43	3	511																
	1/4/2023	1,025	2,369	778	4,172		1/4/2023	465	43	3	511																
	1/4/2024	1,025	2,369	778	4,172		1/4/2024	465	43	3	511																
Jharkhand	1/4/2022	53,245	28,260	5,155	86,660	Meghalaya	1/4/2022	89	17	471	576																
	1/4/2023	55,749	26,994	5,095	87,838		1/4/2023	89	17	471	576																
	1/4/2024	59,877	27,135	4,799	91,812		1/4/2024	96	17	471	583																
Bihar	1/4/2022	310	4,080	48	4,437	Nagaland	1/4/2022	9	22	448	478																
	1/4/2023	310	5,040	48	5,398		1/4/2023	9	22	448	478																
	1/4/2024	2,346	3,015	37	5,398		1/4/2024	9	22	448	478																
Madhya Pradesh	1/4/2022	14,052	12,723	4,142	30,917	Total Tertiary	1/4/2022	594	121	941	1,656																
	1/4/2023	15,279	12,457	4,482	32,219		1/4/2023	594	121	941	1,656																
	1/4/2024	15,425	12,379	5,011	32,815		1/4/2024	600	121	941	1,662																
Chhattisgarh	1/4/2022	32,053	40,701	1,437	74,192	All India	1/4/2022	1,87,105	1,47,252	27,054	3,61,411																
	1/4/2023	37,236	42,294	1,244	80,774		1/4/2023	1,99,904	1,51,682	26,621	3,78,207																
	1/4/2024	40,078	41,093	1,495	82,666		1/4/2024	2,12,207	1,48,717	28,498	3,89,421																
Maharashtra	1/4/2022	7,984	3,390	1,847	13,221	<div style="text-align: center;"> Distribution of Resources of Coal in India </div> <div style="text-align: center;"> ■ Proved ■ Indicated ■ Inferred </div> <table border="1"> <caption>Data for Distribution of Resources of Coal in India</caption> <thead> <tr> <th>Year</th> <th>Proved (%)</th> <th>Indicated (%)</th> <th>Inferred (%)</th> </tr> </thead> <tbody> <tr> <td>1/4/2022</td> <td>52%</td> <td>41%</td> <td>7%</td> </tr> <tr> <td>1/4/2023</td> <td>53%</td> <td>40%</td> <td>7%</td> </tr> <tr> <td>1/4/2024</td> <td>54%</td> <td>38%</td> <td>7%</td> </tr> </tbody> </table>						Year	Proved (%)	Indicated (%)	Inferred (%)	1/4/2022	52%	41%	7%	1/4/2023	53%	40%	7%	1/4/2024	54%	38%	7%
	Year	Proved (%)	Indicated (%)	Inferred (%)																							
	1/4/2022	52%	41%	7%																							
1/4/2023	53%	40%	7%																								
1/4/2024	54%	38%	7%																								
1/4/2023	8,065	3,425	1,847	13,336																							
1/4/2024	8,163	3,372	1,817	13,352																							
Odisha	1/4/2022	48,573	34,080	5,452	88,105																						
	1/4/2023	52,046	37,536	4,936	94,519																						
	1/4/2024	53,799	39,053	6,351	99,204																						
Sikkim	1/4/2022	0	58	43	101																						
	1/4/2023	0	58	43	101																						
	1/4/2024	0	58	43	101																						
Uttar Pradesh	1/4/2022	884	178	0	1,062																						
	1/4/2023	884	178	0	1,062																						
	1/4/2024	884	178	0	1,062																						
Telangana	1/4/2022	11,257	8,344	3,433	23,034																						
	1/4/2023	11,257	8,497	3,433	23,186																						
	1/4/2024	11,257	8,497	3,452	23,206																						
West Bengal	1/4/2022	17,234	12,859	3,779	33,871																						
	1/4/2023	17,459	12,699	3,775	33,933																						
	1/4/2024	18,752	11,433	3,773	33,958																						
Total Gondwana	1/4/2022	1,86,512	1,47,131	26,113	3,59,756																						
	1/4/2023	1,99,310	1,51,561	25,681	3,76,552																						
	1/4/2024	2,11,607	1,48,595	27,557	3,87,759																						

Source: Geological Survey of India

Table 2.3 : Field Wise Inventory of Geological Resource of Coal in India (as on 1st April 2024)

(Qty. in MT)

State	Field	Type of Coal	Depth (Mt.)	Reserve				
				Proved	Indicated	Inferred	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
West Bengal	Raniganj	Medium Coking	0-300	202.89	0.00	0.00	202.89	
		Medium Coking	300-600	72.66	0.00	0.00	72.66	
		Medium Coking	600-1200	274.87	0.00	0.00	274.87	
		Semi Coking	0-300	46.31	13.63	0.00	59.94	
		Semi Coking	300-600	130.19	110.84	5.19	246.22	
		Semi Coking	600-1200	59.07	295.85	127.69	482.61	
		Non Coking	0-300	10451.29	1397.03	167.77	12016.09	
		Non Coking	300-600	4412.09	2967.13	1172.55	8551.77	
		Non Coking	600-1200	1443.97	1684.34	1383.75	4512.06	
		Total			17093.34	6468.82	2856.95	26419.11
	Barjora	Non Coking	0-300	200.79	0.00	0.00	200.79	
	Birbhum	Non Coking	0-300	362.21	604.72	123.53	1090.46	
		Non Coking	300-600	827.08	3430.44	603.76	4861.28	
		Non Coking	600-1200	268.77	928.61	174.05	1371.43	
Total				1458.06	4963.77	901.34	7323.17	
Darjeeling	Non Coking	0-300	0.00	0.00	15.00	15.00		
<i>West Bengal</i>	Total	Medium Coking	0-1200	550.42	0.00	0.00	550.42	
<i>West Bengal</i>	Total	Semi Coking	0-1200	235.57	420.32	132.88	788.77	
<i>West Bengal</i>	Total	Non Coking	0-1200	17966.20	11012.27	3640.41	32618.88	
<i>West Bengal</i>	Total	All	0-1200	18752.19	11432.59	3773.29	33958.07	
Jharkhand	Raniganj	Prime Coking	0-300	2.21	0.00	0.00	2.21	
		Prime Coking	300-600	0.34	0.00	0.00	0.34	
		Medium Coking	0-300	222.61	6.26	0.00	228.87	
		Medium Coking	300-600	50.04	7.49	0.00	57.53	
		Semi Coking	0-300	51.40	0.00	0.00	51.40	
		Semi Coking	300-600	0.00	40.00	0.00	40.00	
		Non Coking	0-300	1148.34	82.06	0.00	1230.40	
		Non Coking	300-600	119.27	308.83	0.00	428.10	
		Total			1594.21	444.64	0.00	2038.85
		Jharia	Prime Coking	0-600	4509.27	87.28	0.00	4596.55
	Prime Coking		600-1200	620.83	223.48	0.00	844.31	
	Medium Coking		0-600	4644.67	0.00	0.00	4644.67	
	Medium Coking		600-1200	1179.85	440.05	0.00	1619.90	
	Non Coking		0-600	6075.22	66.65	29.63	6171.50	
	Non Coking		600-1200	705.59	1241.54	5.62	1952.75	
	Total				17735.43	2059.00	35.25	19829.68
	East Bokaro	Medium Coking	0-300	2858.45	1012.27	0.00	3870.72	
		Medium Coking	300-600	726.36	1083.82	0.00	1810.18	
		Medium Coking	600-1200	280.13	1394.07	761.88	2436.08	
		Non Coking	0-300	101.32	56.81	0.00	158.13	
		Non Coking	300-600	10.93	5.69	0.00	16.62	
		Total			3977.19	3552.66	761.88	8291.73
	West Bokaro	Medium Coking	0-300	3056.42	1076.78	17.05	4150.25	
		Medium Coking	300-600	524.08	160.94	0.00	685.02	

Contd.....

Table 2.3 : Field Wise Inventory of Geological Resource of Coal in India (as on 1st April 2024)

(Qty. in MT)

State	Field	Type of Coal	Depth (Mt.)	Reserve			
				Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Jharkhand		Non Coking	0-300	316.57	21.80	0.00	338.37
		Non Coking	300-600	25.68	19.07	0.00	44.75
		Total		3922.75	1278.59	17.05	5218.39
	Ramgarh	Medium Coking	0-300	728.92	155.23	0.00	884.15
		Medium Coking	300-600	28.66	298.79	0.00	327.45
		Semi Coking	0-300	171.94	95.33	0.55	267.82
		Semi Coking	300-600	0.00	336.22	52.90	389.12
		Non Coking	0-300	7.13	26.20	4.60	37.93
		Total		936.65	911.77	58.05	1906.47
	North Karanpura	Medium Coking	0-300	771.98	1166.19	0.00	1938.17
		Medium Coking	300-600	561.79	1715.26	413.43	2690.48
		Medium Coking	600-1200	173.31	60.21	0.00	233.52
		Non Coking	0-300	10081.93	1886.28	722.03	12690.24
		Non Coking	300-600	1638.55	1127.99	729.50	3496.04
		Non Coking	600-1200	145.29	0.00	0.00	145.29
		Total		13372.85	5955.93	1864.96	21193.74
	South Karanpura	Medium Coking	300-600	0.00	248.04	32.83	280.87
		Medium Coking	600-1200	0.00	265.36	263.40	528.76
		Non Coking	0-300	3477.28	355.58	251.46	4084.32
		Non Coking	300-600	1863.26	354.09	535.09	2752.44
		Non Coking	600-1200	704.29	43.53	0.00	747.82
		Total		6044.83	1266.60	1082.78	8394.21
	Aurangabad	Non Coking	0-300	1077.50	771.17	2.99	1851.66
		Non Coking	300-600	303.24	938.97	132.29	1374.50
		Non Coking	600-1200	10.75	33.42	37.27	81.44
		Total		1391.49	1743.56	172.55	3307.60
	Hutar	Non Coking	0-300	190.79	14.22	32.48	237.49
		Non Coking	300-600	0.00	12.33	0.00	12.33
		Total		190.79	26.55	32.48	249.82
	Daltongunj	Non Coking	0-300	83.86	60.10	0.00	143.96
Total			83.86	60.10	0.00	143.96	
Deogarh	Non Coking	0-300	326.24	73.60	0.00	399.84	
	Total		326.24	73.60	0.00	399.84	
Rajmahal	Non Coking	0-300	7495.73	6325.66	387.33	14208.72	
	Non Coking	300-600	2672.90	3401.38	381.87	6456.15	
	Non Coking	600-1200	131.96	35.35	5.10	172.41	
	Total		10300.59	9762.39	774.30	20837.28	
Jharkhand	Total	Prime Coking	0-1200	5132.65	310.76	0.00	5443.41
Jharkhand	Total	Medium Coking	0-1200	15807.27	9090.76	1488.59	26386.62
Jharkhand	Total	Semi Coking	0-1200	223.34	471.55	53.45	748.34
Jharkhand	Total	Non Coking	0-1200	38713.62	17262.32	3257.26	59233.20
Jharkhand	Total	All	0-1200	59876.88	27135.39	4799.30	91811.57

Contd.....

Table 2.3 : Field Wise Inventory of Geological Resource of Coal in India (as on 1st April 2024)

(Qty. in MT)

State	Field	Type of Coal	Depth (Mt.)	Reserve			
				Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Bihar	Rajmahal	Non Coking	0-300	1265.47	774.73	15.45	2055.65
		Non Coking	300-600	819.16	1376.18	18.72	2214.06
		Non Coking	600-1200	261.73	863.74	2.49	1127.96
Bihar	Total	Non Coking	0-1200	2346.36	3014.65	36.66	5397.67
Madhya Pradesh	Johilla	Non Coking	0-300	185.08	161.23	32.83	379.14
		Non Coking	300-600	0.00	95.05	0.00	95.05
		Non Coking	600-1200	0.00	6.31	0.00	6.31
		Total		185.08	262.59	32.83	480.50
	Umaria	Non Coking	0-300	177.70	3.59	0.00	181.29
		Total		177.70	3.59	0.00	181.29
	Pench-Kanhan	Medium Coking	0-300	67.54	263.11	16.41	347.06
		Medium Coking	300-600	40.29	136.90	142.17	319.36
		Non Coking	0-300	1313.23	217.76	194.34	1725.33
		Non Coking	300-600	690.20	301.50	1306.04	2297.74
		Non Coking	600-1200	1.20	3.58	244.17	248.95
		Total		2112.46	922.85	1903.13	4938.44
	Pathakhera	Non Coking	0-300	261.08	51.70	0.00	312.78
		Non Coking	300-600	29.72	36.43	68.00	134.15
		Total	0-600	290.80	88.13	68.00	446.93
	Gurgunda	Non Coking	0-300	0.00	72.54	2.25	74.79
		Non Coking	300-600	0.00	12.38	44.98	57.36
		Non Coking	600-1200	0.00	0.00	6.16	6.16
		Total		0.00	84.92	53.39	138.31
	Mohpani	Non Coking	0-300	7.83	0.00	0.00	7.83
	Sohagpur	Medium Coking	0-300	302.42	93.99	2.01	398.42
		Medium Coking	300-600	356.14	730.93	90.54	1177.61
		Medium Coking	600-1200	15.23	81.94	21.71	118.88
		Semi Coking	300-600	0.00	76.47	0.00	76.47
		Non Coking	0-300	2292.38	2550.29	166.22	5008.89
		Non Coking	300-600	611.67	1412.51	9.30	2033.48
		Non Coking	600-1200	52.29	46.46	0.00	98.75
	Total		3630.13	4992.59	289.78	8912.50	
	Singrauli	Non Coking	0-300	6472.88	2207.94	1436.16	10116.98
		Non Coking	300-600	2530.40	3474.80	1085.51	7090.71
		Non Coking	600-1200	17.89	341.56	142.19	501.64
		Total		9021.17	6024.30	2663.86	17709.33
	Madhya Pradesh	Total	Medium Coking	0-1200	781.62	1306.87	272.84
Madhya Pradesh	Total	Semi Coking	0-1200	0.00	76.47	0.00	76.47
Madhya Pradesh	Total	Non Coking	0-1200	14643.55	10995.63	4738.15	30377.33
Madhya Pradesh	Total	All	0-1200	15425.17	12378.97	5010.99	32815.13
Chhattisgarh	Sohagpur	Medium Coking	300-600	0.00	11.07	0.00	11.07
		Semi Coking	300-600	0.00	13.49	0.00	13.49
		Non Coking	0-300	94.30	67.40	0.00	161.70
		Non Coking	300-600	0.00	279.78	0.00	279.78
		Non Coking	600-1200	0.00	62.56	0.00	62.56
	Total		94.30	434.30	0.00	528.60	
	Sonhat	Medium Coking	0-300	141.84	0.00	0.00	141.84
		Medium Coking	300-600	120.72	0.00	0.00	120.72
		Semi Coking	0-300	70.77	16.45	0.00	87.22
		Semi Coking	300-600	0.00	82.80	0.00	82.80
		Non Coking	0-300	376.16	668.84	0.00	1045.00
		Non Coking	300-600	240.06	651.00	1.89	892.95
		Non Coking	600-1200	0.51	568.85	0.00	569.36
		Total		950.06	1987.94	1.89	2939.89
Total			950.06	1987.94	1.89	2939.89	

Contd.....

Table 2.3 : Field Wise Inventory of Geological Resource of Coal in India (as on 1st April 2024)

(Qty. in MT)

State	Field	Type of Coal	Depth (Mt.)	Reserve				
				Proved	Indicated	Inferred	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Chhattisgarh	Jhilimili	Non Coking	0-300	228.20	38.90	0.00	267.10	
	Chirimiri	Non Coking	0-300	320.33	10.83	31.00	362.16	
	Bisrampur	Non Coking	0-300	2011.24	678.25	5.15	2694.64	
		Non Coking	300-600	3.00	0.00	0.00	3.00	
		Total			2014.24	678.25	5.15	2697.64
	East Bisrampur	Non Coking	0-300	0.00	629.45	0.00	629.45	
	Lakhanpur	Non Coking	0-300	455.88	3.35	0.00	459.23	
	Panchbahini	Non Coking	0-300	0.00	11.00	0.00	11.00	
	Hasdeo-Arand	Non Coking	0-300	2021.84	3213.44	220.15	5455.43	
		Non Coking	300-600	10.44	59.98	2.97	73.39	
		Total			2032.28	3273.42	223.12	5528.82
	Sendurgarh	Non Coking	0-300	152.89	126.32	0.00	279.21	
	Korba	Non Coking	0-300	6590.93	2968.96	22.66	9582.55	
		Non Coking	300-600	1974.97	1242.79	26.82	3244.58	
		Non Coking	600-1200	202.86	0.00	0.00	202.86	
		Total			8768.76	4211.75	49.48	13029.99
	Mand-Raigarh	Non Coking	0-300	15486.06	9712.68	413.62	25612.36	
		Non Coking	300-600	6619.79	11053.32	614.64	18287.75	
		Non Coking	600-1200	827.44	5856.92	71.08	6755.44	
		Total			22933.29	26622.92	1099.34	50655.55
	Tatapani-Ramkola	Non Coking	0-300	704.11	808.06	13.70	1525.87	
		Non Coking	300-600	774.55	1487.73	71.76	2334.04	
		Non Coking	600-1200	649.25	768.56	0.00	1417.81	
		Total			2127.91	3064.35	85.46	5277.72
	Chhattisgarh	Total	Medium Coking	0-1200	262.56	11.07	0.00	273.63
	Chhattisgarh	Total	Semi Coking	0-1200	70.77	112.74	0.00	183.51
	Chhattisgarh	Total	Non Coking	0-1200	39744.81	40968.97	1495.44	82209.22
Chhattisgarh	Total	All	0-1200	40078.14	41092.78	1495.44	82666.36	
Uttar Pradesh	Singrauli	Non Coking	0-300	884.04	177.76	0.00	1061.80	
Uttar Pradesh	Total	Non Coking	0-1200	884.04	177.76	0.00	1061.80	
Uttar Pradesh	Total	All	0-1200	884.04	177.76	0.00	1061.80	
Maharashtra	Wardha-Valley	Non Coking	0-300	4625.94	836.31	245.88	5708.13	
		Non Coking	300-600	480.54	966.29	1138.22	2585.05	
		Non Coking	600-1200	0.54	35.12	26.99	62.65	
		Total			5107.02	1837.72	1411.09	8355.83
	Kamptee	Non Coking	0-300	1492.03	387.19	28.73	1907.95	
		Non Coking	300-600	494.50	478.38	48.20	1021.08	
		Non Coking	600-1200	59.71	72.34	30.28	162.33	
		Total			2046.24	937.91	107.21	3091.36
	Umrer Makardhokra	Non Coking	0-300	308.41	0.00	65.53	373.94	
		Non Coking	300-600	0.00	0.00	83.22	83.22	
		Non Coking	600-1200	0.00	0.00	11.95	11.95	
		Total			308.41	0.00	160.70	469.11

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Table 2.3 : Field Wise Inventory of Geological Resource of Coal in India (as on 1st April 2024)

(Qty. in MT)

State	Field	Type of Coal	Depth (Mt.)	Reserve			
				Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Maharashtra	Nand Bander	Non Coking	0-300	446.81	348.01	102.06	896.88
		Non Coking	300-600	244.63	227.38	15.58	487.59
		Non Coking	600-1200	0.00	20.80	0.06	20.86
		Total		691.44	596.19	117.70	1405.33
	Bokhara	Non Coking	0-300	10.00	0.00	20.00	30.00
Maharashtra	Total	Non Coking	0-1200	8163.11	3371.82	1816.70	13351.63
Maharashtra	Total	All	0-1200	8163.11	3371.82	1816.70	13351.63
Odisha	Ib-River	Non Coking	0-300	15109.57	5455.59	0.00	20565.16
		Non Coking	300-600	4146.71	12197.07	2156.99	18500.77
		Non Coking	600-1200	2.97	3960.32	188.67	4151.96
		Total		19259.25	21612.98	2345.66	43217.89
	Talcher	Non Coking	0-300	26309.57	6499.93	1358.30	34167.80
		Non Coking	300-600	7797.95	9450.38	2062.61	19310.94
Non Coking		600-1200	432.66	1489.72	584.82	2507.20	
Total		34540.18	17440.03	4005.73	55985.94		
Odisha	Total	Non Coking	0-1200	53799.43	39053.01	6351.39	99203.83
Odisha	Total	All	0-1200	53799.43	39053.01	6351.39	99203.83
Andhra Pradesh	Godavari Valley	Non Coking	0-300	200.90	395.67	45.05	641.62
		Non Coking	300-600	154.63	738.70	108.22	1001.55
		Non Coking	600-1200	669.12	1234.57	624.90	2528.59
		Total	0-1200	1024.65	2368.94	778.17	4171.76
Andhra Pradesh	Total	Non Coking	0-1200	1024.65	2368.94	778.17	4171.76
Andhra Pradesh	Total	All	0-1200	1024.65	2368.94	778.17	4171.76
Telangana	Godavari Valley	Non Coking	0-300	6684.49	3018.22	365.84	10068.55
		Non Coking	300-600	4263.86	4042.74	699.28	9005.88
		Non Coking	600-1200	308.43	1435.61	2387.05	4131.09
		Total	0-1200	11256.78	8496.57	3452.17	23205.52
Telangana	Total	Non Coking	0-1200	11256.78	8496.57	3452.17	23205.52
Telangana	Total	All	0-1200	11256.78	8496.57	3452.17	23205.52
Sikkim	Rangit Valley	Non Coking	0-300	0.00	58.25	42.98	101.23
Sikkim	Total	Non Coking	0-1200	0.00	58.25	42.98	101.23
Sikkim	Total	All	0-1200	0.00	58.25	42.98	101.23
Assam	Singrimari	Semi Coking	0-300	0.00	0.39	0.00	0.39
		Non Coking	0-300	0.00	10.64	0.00	10.64
		Non Coking	300-600	0.00	3.46	0.00	3.46
		Non Coking	600-1200	0.00	0.00	0.00	0.00
		Total		0.00	14.49	0.00	14.49
	Makum	High Sulphur	0-300	246.24	4.55	0.00	250.79
		High Sulphur	300-600	185.85	16.15	0.00	202.00
		Total		432.09	20.70	0.00	452.79
	Dilli-Jeypore	High Sulphur	0-300	32.00	22.02	0.00	54.02
Mikir Hills	High Sulphur	0-300	0.69	0.00	3.02	3.71	

Contd.....

Table 2.3 : Field Wise Inventory of Geological Resource of Coal in India (as on 1st April 2024)

(Qty. in MT)

State	Field	Type of Coal	Depth (Mt.)	Reserve			
				Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Assam	Total	Semi Coking	0-1200	0.00	0.39	0.00	0.39
Assam	Total	Non Coking	0-1200	0.00	14.10	0.00	14.10
Assam	Total	High Sulphur	0-1200	464.78	42.72	3.02	510.52
Assam	Total	All	0-1200	464.78	57.21	3.02	525.01
Arunachal Pradesh	Namchik-Namphuk	High Sulphur	0-300	31.23	40.11	12.89	84.23
	Miao Bum	High Sulphur	0-300	0.00	0.00	6.00	6.00
Arunachal Pradesh	Total	High Sulphur	0-1200	31.23	40.11	18.89	90.23
Arunachal Pradesh	Total	All	0-1200	31.23	40.11	18.89	90.23
Meghalaya	West-Darangiri	High Sulphur	0-300	65.40	0.00	59.60	125.00
	East Darangiri	High Sulphur	0-300	0.00	0.00	34.19	34.19
	Balphakram-Pendenguru	High Sulphur	0-300	0.00	0.00	107.03	107.03
	Siju	High Sulphur	0-300	0.00	0.00	125.00	125.00
	Langrin	High Sulphur	0-300	17.06	16.65	106.19	139.90
	Mawlong Shelia	High Sulphur	0-300	2.17	0.00	3.83	6.00
	Khasi Hills	High Sulphur	0-300	0.00	0.00	10.10	10.10
	Bapung	High Sulphur	0-300	11.01	0.00	22.65	33.66
	Jayanti Hill	High Sulphur	0-300	0.00	0.00	2.34	2.34
Meghalaya	Total	High Sulphur	0-1200	95.64	16.65	470.93	583.22
Meghalaya	Total	All	0-1200	95.64	16.65	470.93	583.22
Nagaland	Borjan	High Sulphur	0-300	5.50	0.00	4.50	10.00
	Jhanzi-Disai	High Sulphur	0-300	2.00	21.83	109.26	133.09
	Tiensang	High Sulphur	0-300	1.26	0.00	2.00	3.26
	Tiru Valley	High Sulphur	0-300	0.00	0.00	6.60	6.60
	Changki	High Sulphur	0-300	0.00	0.00	31.89	31.89
	Dgm	High Sulphur	0-300	0.00	0.00	293.47	293.47
Nagaland	Total	High Sulphur	0-1200	8.76	21.83	447.72	478.31
Nagaland	Total	All	0-1200	8.76	21.83	447.72	478.31
All India	Total	Prime Coking	0-1200	5132.65	310.76	0.00	5443.41
India	Total	Medium Coking	0-1200	17401.87	10408.70	1761.43	29572.00
India	Total	Semi Coking	0-1200	529.68	1081.47	186.33	1797.48
India	Total	Non Coking	0-1200	188542.55	136794.29	25609.33	350946.17
India	Total	High Sulphur	0-1200	600.41	121.31	940.56	1662.28
India	Grand Total		0-1200	212207.16	148716.53	28497.65	389421.34
All India	Total for Tertiary Coalfields		0-1200	600.41	121.31	940.56	1662.28
	Total for Gondwana Coalfields*		0-1200	211606.75	148595.22	27557.09	387759.06
	Grand Total		0-1200	212207.16	148716.53	28497.65	389421.34

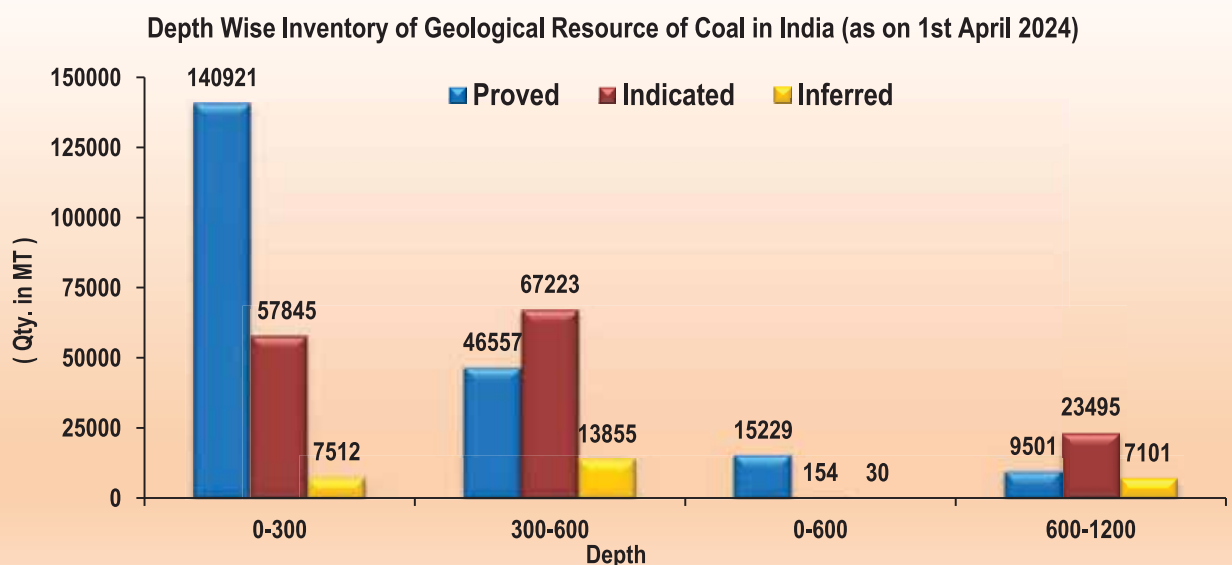
* Including Sikkim

Source: Geological Survey of India

Table 2.4 : Depth Wise Inventory of Geological Resource of Coal in India (as on 1st April 2024)

(Qty. in MT)

Depth (Metre)	Type of Coal	Reserve			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
0-300	Prime Coking	2.21	0.00	0.00	2.21
0-600	Prime Coking	4509.27	87.28	0.00	4596.55
300-600	Prime Coking	0.34	0.00	0.00	0.34
600-1200	Prime Coking	620.83	223.48	0.00	844.31
0-1200	Total	5132.65	310.76	0.00	5443.41
0-300	Medium Coking	8353.07	3773.83	35.47	12162.37
0-600	Medium Coking	4644.67	0.00	0.00	4644.67
300-600	Medium Coking	2480.74	4393.24	678.97	7552.95
600-1200	Medium Coking	1923.39	2241.63	1046.99	5212.01
0-1200	Total	17401.87	10408.70	1761.43	29572.00
0-300	Semi Coking	340.42	125.80	0.55	466.77
0-600	Semi Coking	0.00	0.00	0.00	0.00
300-600	Semi Coking	130.19	659.82	58.09	848.10
600-1200	Semi Coking	59.07	295.85	127.69	482.61
0-1200	Total	529.68	1081.47	186.33	1797.48
0-300	High Sulphur	414.56	105.16	940.56	1460.28
0-600	High Sulphur	0.00	0.00	0.00	0.00
300-600	High Sulphur	185.85	16.15	0.00	202.00
600-1200	High Sulphur	0.00	0.00	0.00	0.00
0-1200	Total	600.41	121.31	940.56	1662.28
0-300	Non Coking	131810.33	53840.06	6535.09	192185.48
0-600	Non Coking	6075.22	66.65	29.63	6171.50
300-600	Non Coking	43759.78	62153.77	13118.01	119031.56
600-1200	Non Coking	6897.22	20733.81	5926.60	33557.63
0-1200	Total	188542.55	136794.29	25609.33	350946.17
0-300	G. Total	140920.59	57844.85	7511.67	206277.11
300-600	G. Total	46556.90	67222.98	13855.07	127634.95
0-600	G. Total	15229.16	153.93	29.63	15412.72
600-1200	G. Total	9500.51	23494.77	7101.28	40096.56
Grand Total		212207.16	148716.53	28497.65	389421.34



Source: Geological Survey of India

Table-2.5: Grade Wise Inventory of Non-Coking Coal Resource in Gondwana Coalfields of India (as on 1st April 2024)

(Qty. in MT)

State/ Field	Depth Range(M)	Proved							Indicated							Inferred	Grand Total
		G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
West Bengal																	
Raniganj	0-300	77.11	1567.61	3531.94	3074.57	2198.58	1.48	10451.29	23.13	170.37	447.34	384.70	371.49	0.00	1397.03	167.77	12016.09
	300-600	63.74	789.02	920.64	1009.55	1625.42	3.72	4412.09	54.58	649.92	1095.05	616.04	551.00	0.54	2967.13	1172.55	8551.77
	600-1200	30.84	171.66	198.61	501.42	540.48	0.96	1443.97	156.27	365.12	488.92	384.42	289.61	0.00	1684.34	1383.75	4512.06
	0-1200	171.69	2528.29	4651.19	4585.54	4364.48	6.16	16307.35	233.98	1185.41	2031.31	1385.16	1212.10	0.54	6048.50	2724.07	25079.92
Barjora	0-300				0.34	200.45		200.79							0.00		200.79
Birbhum	0-300	0.00	0.29	2.32	50.09	285.67	23.84	362.21	1.28	0.00	30.07	163.50	406.81	3.06	604.72	123.53	1090.46
	300-600	0.13	62.38	125.32	228.46	407.15	3.64	827.08	0.00	49.83	795.58	665.93	1908.51	10.59	3430.44	603.76	4861.28
	600-1200	0.24	14.55	123.25	80.68	50.05	0.00	268.77	0.00	18.60	158.13	447.69	304.19	0.00	928.61	174.05	1371.43
	0-1200	0.37	77.22	250.89	359.23	742.87	27.48	1458.06	1.28	68.43	983.78	1277.12	2619.51	13.65	4963.77	901.34	7323.17
Darjeeling	0-300							0.00							0.00	15.00	15.00
Total		172.06	2605.51	4902.08	4945.11	5307.80	33.64	17966.20	235.26	1253.84	3015.09	2662.28	3831.61	14.19	11012.27	3640.41	32618.88
Jharkhand																	
Raniganj	0-300	0.56	6.89	58.99	205.33	876.57		1148.34				0.72	81.34		82.06		1230.40
	300-600	0.09	3.63	2.88	25.05	87.60	0.02	119.27				142.07	166.76		308.83		428.10
	0-600	0.65	10.52	61.87	230.38	964.17	0.02	1267.61				142.79	248.10		390.89		1658.50
Jharia	0-600	84.81	170.79	178.95	608.57	5032.10	0.00	6075.22	0.82	8.81	5.20	20.49	31.33	0.00	66.65	29.63	6171.50
	600-1200	6.43	32.92	67.95	136.97	461.32	0.00	705.59	5.91	8.13	15.48	63.31	1148.71	0.00	1241.54	5.62	1952.75
	0-1200	91.24	203.71	246.90	745.54	5493.42		6780.81	6.73	16.94	20.68	83.80	1180.04		1308.19	35.25	8124.25
East Bokaro	0-300		0.11	3.15	14.19	83.44	0.43	101.32		7.76	7.77	19.82	21.46		56.81		158.13
	300-600			0.30	1.69	8.93	0.01	10.93		0.40	0.40	1.61	3.28		5.69		16.62
	0-600	0.00	0.11	3.45	15.88	92.37	0.44	112.25	0.00	8.16	8.17	21.43	24.74		62.50		174.75
West Bokaro	0-300	0.01	3.20	19.00	64.67	229.24	0.45	316.57	0.25	0.32	1.35	5.07	14.81		21.80		338.37
	300-600		0.51	2.66	10.12	12.39		25.68		0.25	1.81	7.11	9.89	0.01	19.07		44.75
	0-600	0.01	3.71	21.66	74.79	241.63	0.45	342.25	0.25	0.57	3.16	12.18	24.70	0.01	40.87		383.12
Ramgarh	0-300				3.50	3.63		7.13				13.10	13.10		26.20	4.60	37.93
North Karanpura	0-300	31.01	51.98	140.27	1021.35	8668.18	169.14	10081.93	6.56	1.42	4.61	316.73	1524.21	32.75	1886.28	722.03	12690.24
	300-600	0.11	2.34	21.26	236.48	1346.93	31.43	1638.55	0.00	2.86	2.93	441.37	676.44	4.39	1127.99	729.50	3496.04
	600-1200	0.02	0.23	1.19	15.76	127.85	0.24	145.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00		145.29
	0-1200	31.14	54.55	162.72	1273.59	10142.96	200.81	11865.77	6.56	4.28	7.54	758.10	2200.65	37.14	3014.27	1451.53	16331.57
South Karanpura	0-300	149.47	192.23	394.86	929.73	1809.96	1.03	3477.28	0.02	39.02	77.93	124.21	114.40		355.58	251.46	4084.32
	300-600	19.50	240.94	239.55	695.77	665.90	1.60	1863.26		31.90	40.69	114.09	167.41		354.09	535.09	2752.44
	600-1200	6.66	149.22	194.98	277.32	75.65	0.46	704.29			7.53	9.35	26.65		43.53		747.82
	0-1200	175.63	582.39	829.39	1902.82	2551.51	3.09	6044.83	0.02	70.92	126.15	247.65	308.46	0.00	753.20	786.55	7584.58
Aurangabad	0-300	0.00	0.00	0.01	4.12	1015.39	57.98	1077.50	0.00	8.04	11.03	57.69	547.81	146.60	771.17	2.99	1851.66
	300-600	0.00	0.00	0.00	1.10	289.68	12.46	303.24	0.00	0.00	22.33	95.19	749.49	71.96	938.97	132.29	1374.50
	600-1200	0.00	0.00	0.00	0.03	10.51	0.21	10.75	0.00	0.00	0.00	14.74	18.68	0.00	33.42	37.27	81.44
	0-1200	0.00	0.00	0.01	5.25	1315.58	70.65	1391.49	0.00	8.04	33.36	167.62	1315.98	218.56	1743.56	172.55	3307.60
Hutar	0-300	28.39	56.51	41.01	40.23	24.65		190.79	4.22	5.00	5.00				14.22	32.48	237.49
	300-600							0.00	3.17	3.83	3.83	0.72	0.78		12.33		12.33
	0-600	28.39	56.51	41.01	40.23	24.65		190.79	7.39	8.83	8.83	0.72	0.78	0.00	26.55	32.48	249.82
Daltonganj	0-300	10.00	20.00	29.00	4.00	20.86		83.86	7.14	14.28	20.71	2.86	15.11		60.10		143.96
Deogarh	0-300	0.87	25.19	70.81	90.03	139.34		326.24	0.20	5.68	15.97	20.31	31.44		73.60		399.84
Rajmahal	0-300	0.00	0.70	55.68	486.76	6837.39	115.20	7495.73	1.83	37.70	267.66	1569.05	4448.11	1.31	6325.66	387.33	14208.72
	300-600	0.00	0.08	9.74	224.12	2366.47	72.49	2672.90	5.26	43.30	408.13	1138.22	1806.14	0.33	3401.38	381.87	6456.15
	600-1200	0.00	0.00	0.00	131.40	0.56		131.96	0.00	0.00	0.00	0.71	34.64	0.00	35.35	5.10	172.41
	0-1200	0.00	0.78	65.42	710.88	9335.26	188.25	10300.59	7.09	81.00	675.79	2707.98	6288.89	1.64	9762.39	774.30	20837.28
Total		337.93	957.47	1532.24	5096.89	30325.38	463.71	38713.62	35.38	218.70	920.36	4178.54	11651.99	257.35	17262.32	3257.26	59233.20
Bihar																	
Rajmahal	0-300	0.00	0.02	5.95	118.00	1028.08	113.42	1265.47	0.00	0.00	0.00	12.45	680.16	82.12	774.73	15.45	2055.65
	300-600	0.00	0.62	8.83	219.58	548.28	41.85	819.16	0.00	2.02	46.98	235.39	1029.10	62.69	1376.18	18.72	2214.06
	600-1200	0.00	1.49	4.74	31.17	210.59	13.74	261.73	0.00	9.55	42.40	156.23	620.59	34.97	863.74	2.49	1127.96
	0-1200	0.00	2.13	19.52	368.75	1786.95	169.01	2346.36	0.00	11.57	89.38	404.07	2329.85	179.78	3014.65	36.66	5397.67
Total		0.00	2.13	19.52	368.75	1786.95	169.01	2346.36	0.00	11.57	89.38	404.07	2329.85	179.78	3014.65	36.66	5397.67

Contd.....

Table-2.5: Grade Wise Inventory of Non-Coking Coal Resource in Gondwana Coalfields of India (as on 1st April 2024)

(Qty. in MT)

State/ Field	Depth Range(M)	Proved							Indicated							Inferred	Grand Total
		G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Madhya Pradesh																	
Johilla	0-300	0.31	36.17	70.29	44.33	33.98		185.08		32.77	32.99	20.02	62.58	12.87	161.23	32.83	379.14
	300-600							0.00		1.20	0.70	3.61	76.42	13.12	95.05		95.05
	600-1200							0.00					6.31		6.31		6.31
	0-1200	0.31	36.17	70.29	44.33	33.98		185.08	0.00	33.97	33.69	23.63	145.31	25.99	262.59	32.83	480.50
Umaria	0-300	0.50	11.63	39.02	59.69	66.86		177.70	0.11	0.49	1.02	1.36	0.61		3.59		181.29
Pench-Kanhan	0-300	55.04	189.84	327.96	347.16	393.16	0.07	1313.23	12.11	32.38	56.07	82.77	34.43		217.76	194.34	1725.33
	300-600	27.62	139.33	132.24	195.46	195.26	0.29	690.20	21.53	90.67	106.54	27.09	51.17	4.50	301.50	1306.04	2297.74
	600-1200	0.23	0.26	0.26	0.39	0.06		1.20	1.02	1.39	0.23	0.77	0.17		3.58	244.17	248.95
	0-1200	82.89	329.43	460.46	543.01	588.48	0.36	2004.63	34.66	124.44	162.84	110.63	85.77	4.50	522.84	1744.55	4272.02
Pathakhera	0-300	1.08	13.12	63.51	87.45	95.92		261.08		2.76	4.36	12.54	32.04		51.70		312.78
	300-600		0.22	4.73	13.63	11.14		29.72			2.72	14.68	19.03		36.43	68.00	134.15
	0-600	1.08	13.34	68.24	101.08	107.06		290.80		2.76	7.08	27.22	51.07		88.13	68.00	446.93
Gurgunda	0-300							0.00		0.18	3.74	5.67	62.95		72.54	2.25	74.79
	300-600							0.00		0.52	0.50	0.24	11.12		12.38	44.98	57.36
	600-1200							0.00							0.00	6.16	6.16
	0-1200							0.00		0.70	4.24	5.91	74.07		84.92	53.39	138.31
Mohani	0-300				7.83			7.83									7.83
Sohagpur	0-300	127.37	327.91	503.66	535.60	782.24	15.60	2292.38	90.65	384.10	710.78	604.96	751.45	8.35	2550.29	166.22	5008.89
	300-600	12.31	87.37	116.25	282.61	110.33	2.80	611.67	121.64	393.53	425.90	205.65	262.31	3.48	1412.51	9.30	2033.48
	600-1200	1.29	4.71	4.43	14.91	26.15	0.80	52.29	1.16	13.87	3.70	11.06	15.84	0.83	46.46	0.00	98.75
	0-1200	140.97	419.99	624.34	833.12	918.72	19.20	2956.34	213.45	791.50	1140.38	821.67	1029.60	12.66	4009.26	175.52	7141.12
Singrauli	0-300	5.56	111.38	837.55	1505.10	3988.67	24.62	6472.88	39.96	163.87	688.94	389.07	845.92	80.18	2207.94	1436.16	10116.98
	300-600	3.42	58.15	180.71	774.29	1501.96	11.87	2530.40	35.55	405.55	609.20	1116.38	1219.86	88.26	3474.80	1085.51	7090.71
	600-1200	0.00	0.72	2.08	4.08	10.91	0.10	17.89	19.46	84.09	81.82	89.40	62.03	4.76	341.56	142.19	501.64
	0-1200	8.98	170.25	1020.34	2283.47	5501.54	36.59	9021.17	94.97	653.51	1379.96	1594.85	2127.81	173.20	6024.30	2663.86	17709.33
Total		234.73	980.81	2282.69	3864.70	7224.47	56.15	14643.55	343.19	1607.37	2729.21	2585.27	3514.24	216.35	10995.63	4738.15	30377.33
Chhattisgarh																	
Sohagpur	0-300	23.20	35.40	29.02	4.92	1.76		94.30	0.43	1.74	7.54	3.74	51.75	2.20	67.40		161.70
	300-600							0.00	2.05	21.49	23.03	70.91	158.50	3.80	279.78		279.78
	600-1200							0.00	0.97	6.01	2.75	8.96	39.79	4.08	62.56		62.56
	0-1200	23.20	35.40	29.02	4.92	1.76	0.00	94.30	3.45	29.24	33.32	83.61	250.04	10.08	409.74	0.00	504.04
Sonhat	0-300	26.37	66.89	38.58	82.10	154.61	7.61	376.16		8.46	26.51	206.54	427.33		668.84		1045.00
	300-600	21.28	75.82	31.88	57.45	49.23	4.40	240.06	2.00	107.89	144.09	303.13	93.89		651.00	1.89	892.95
	600-1200					0.43	0.08	0.51	0.10	46.09	105.85	176.77	240.04		568.85		569.36
	0-1200	47.65	142.71	70.46	139.55	204.27	12.09	616.73	2.10	162.44	276.45	686.44	761.26		1888.69	1.89	2507.31
Jhilimili	0-300	64.86	49.70	27.40	15.02	71.22		228.20	14.02	10.11	7.78	0.66	6.33		38.90		267.10
Chirimiri	0-300	66.14	116.11	116.09	11.00	10.99		320.33	0.76	5.04	5.03				10.83	31.00	362.16
Bisrampur	0-300	101.86	298.34	200.69	408.39	944.95	57.01	2011.24	18.30	54.21	125.66	140.45	330.04	9.59	678.25	5.15	2694.64
	300-600	0.02	2.14	0.40	0.44			3.00							0.00		3.00
	0-600	101.88	300.48	201.09	408.83	944.95	57.01	2014.24	18.30	54.21	125.66	140.45	330.04	9.59	678.25	5.15	2697.64
East of Bisra	0-300							0.00	15.98	9.52	15.05	191.76	395.98	1.16	629.45		629.45
Lakhanpur	0-300	4.22	44.21	125.23	135.25	146.97		455.88			0.03	0.79	2.53		3.35		459.23
Panchbahin	0-300							0.00		0.01	6.60	1.73	2.66		11.00		11.00
Hasdo-Aran	0-300	1.36	18.41	100.95	360.57	1540.55		2021.84	61.42	151.19	634.46	1279.95	1086.42		3213.44	220.15	5455.43
	300-600			0.06	1.43	8.95		10.44	8.69	28.80	12.06	8.12	2.31		59.98	2.97	73.39
	0-600	1.36	18.41	101.01	362.00	1549.50		2032.28	70.11	179.99	646.52	1288.07	1088.73		3273.42	223.12	5528.82
Sendurgarh	0-300	0.78	27.79	48.24	32.53	43.55		152.89	11.57	51.22	30.77	19.27	13.49		126.32		279.21
Korba	0-300	224.93	112.04	150.20	294.27	5612.77	196.72	6590.93	37.87	31.39	107.84	126.51	2664.24	1.11	2968.96	22.66	9582.55
	300-600	16.28	7.94	8.26	201.40	1691.60	49.49	1974.97	2.57		30.33	156.39	1053.50		1242.79	26.82	3244.58
	600-1200		1.91	2.38	40.72	152.56	5.29	202.86							0.00		202.86
	0-1200	241.21	121.89	160.84	536.39	7456.93	251.50	8768.76	40.44	31.39	138.17	282.90	3717.74	1.11	4211.75	49.48	13029.99

Contd.....

Table-2.5: Grade Wise Inventory of Non-Coking Coal Resource in Gondwana Coalfields of India (as on 1st April 2024)

(Qty. in MT)

State/ Field	Depth Range(M)	Proved							Indicated							Inferred	Grand Total
		G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total	G1-G3	G4-G5	G6	G7-G8	G9-G14	G15-G17	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Mand-Raiga	0-300	30.00	49.85	225.25	798.54	13453.98	928.44	15486.06	83.74	63.84	250.39	1673.28	7191.36	450.07	9712.68	413.62	25612.36
	300-600	99.59	78.65	227.89	848.55	5077.09	288.02	6619.79	87.95	75.54	323.46	1001.28	8963.84	601.25	11053.32	614.64	18287.75
	600-1200	12.19	79.26	70.78	239.87	405.65	19.69	827.44	0.50	6.10	97.26	527.92	5012.51	212.63	5856.92	71.08	6755.44
	0-1200	141.78	207.76	523.92	1886.96	18936.72	1236.15	22933.29	172.19	145.48	671.11	3202.48	21167.71	1263.95	26622.92	1099.34	50655.55
Tatapani Ramkola	0-300	4.72	31.65	38.30	104.99	497.34	27.11	704.11	18.66	51.22	158.35	190.19	382.55	7.09	808.06	13.70	1525.87
	300-600	10.94	25.85	26.71	118.94	562.01	30.10	774.55	47.39	107.02	203.61	298.43	780.72	50.56	1487.73	71.76	2334.04
	600-1200	3.23	12.11	15.50	97.19	515.75	5.47	649.25	12.17	58.15	33.51	147.66	495.27	21.80	768.56		1417.81
	0-1200	18.89	69.61	80.51	321.12	1575.10	62.68	2127.91	78.22	216.39	395.47	636.28	1658.54	79.45	3064.35	85.46	5277.72
Total		711.97	1134.07	1483.81	3853.57	30941.96	1619.43	39744.81	427.14	895.04	2351.96	6534.44	29395.05	1365.34	40968.97	1495.44	82209.22
Uttar Pradesh																	
Singrauli	0-300			8.05	275.80	600.19		884.04					99.09	78.67		177.76	1061.80
Total		0.00	0.00	8.05	275.80	600.19	0.00	884.04	0.00	0.00	0.00	99.09	78.67	0.00	177.76	0.00	1061.80
Maharashtra																	
Wardha Valley	0-300	0.00	32.85	300.09	1743.10	2494.30	55.60	4625.94	0.00	24.33	46.14	327.12	410.56	28.16	836.31	245.88	5708.13
	300-600	0.00	0.12	3.31	66.80	398.29	12.02	480.54	0.00	46.03	105.57	207.18	580.67	26.84	966.29	1138.22	2585.05
	600-1200	0.00	0.00	0.00	0.00	0.54	0.00	0.54	0.00	0.00	0.00	11.09	24.03	0.00	35.12	26.99	62.65
	0-1200		32.97	303.40	1809.90	2893.13	67.62	5107.02		70.36	151.71	545.39	1015.26	55.00	1837.72	1411.09	8355.83
Kamptee	0-300	2.20	69.29	340.10	438.97	640.48	0.99	1492.03	4.87	8.36	101.83	111.40	160.67	0.06	387.19	28.73	1907.95
	300-600	4.29	39.71	50.30	178.47	216.51	5.22	494.50	16.73	25.15	171.67	81.57	182.78	0.48	478.38	48.20	1021.08
	600-1200	3.54	12.08	6.03	10.20	27.06	0.80	59.71	8.13	16.93	5.74	9.86	30.59	1.09	72.34	30.28	162.33
	0-1200	10.03	121.08	396.43	627.64	884.05	7.01	2046.24	29.73	50.44	279.24	202.83	374.04	1.63	937.91	107.21	3091.36
Umrer- Makardhokra	0-300		0.53	42.18	127.29	138.41		308.41							0.00	65.53	373.94
	300-600							0.00							0.00	83.22	83.22
	600-1200							0.00							0.00	11.95	11.95
	0-1200		0.53	42.18	127.29	138.41		308.41							0.00	160.70	469.11
Nand-Bande	0-300	2.80	48.30	93.06	125.35	177.22	0.08	446.81		7.16	87.68	134.17	119.00		348.01	102.06	896.88
	300-600	0.06	8.53	22.84	46.11	167.07	0.02	244.63		14.52	82.45	63.88	66.53		227.38	15.58	487.59
	600-1200							0.00		5.40	9.19	5.57	0.64		20.80	0.06	20.86
	0-1200	2.86	56.83	115.90	171.46	344.29	0.10	691.44		27.08	179.32	203.62	186.17		596.19	117.70	1405.33
Bokhara	0-300		1.33	1.33	2.66	4.68		10.00							0.00	20.00	30.00
Total		12.89	212.74	859.24	2738.95	4264.56	74.73	8163.11	29.73	147.88	610.27	951.84	1575.47	56.63	3371.82	1816.70	13351.63
Odisha																	
Ib-River	0-300	0.33	4.75	55.93	421.07	13352.43	1275.06	15109.57	4.15	6.26	62.78	202.78	4283.63	895.99	5455.59	0.00	20565.16
	300-600	0.56	47.02	81.85	271.90	3140.88	604.50	4146.71	14.20	93.57	186.81	530.19	10383.59	988.71	12197.07	2156.99	18500.77
	600-1200	0.01	0.86	0.06	0.04	2.00	0.00	2.97	18.80	118.36	72.25	214.88	3298.51	237.52	3960.32	188.67	4151.96
	0-1200	0.90	52.63	137.84	693.01	16495.31	1879.56	19259.25	37.15	218.19	321.84	947.85	17965.73	2122.22	21612.98	2345.66	43217.89
Talcher	0-300	24.99	263.43	328.97	758.24	23686.27	1247.67	26309.57	28.77	72.93	149.76	553.26	5486.28	208.93	6499.93	1358.30	34167.80
	300-600	5.16	27.91	45.51	183.53	6737.10	798.74	7797.95	47.86	168.13	275.86	1178.32	7576.86	203.35	9450.38	2062.61	19310.94
	600-1200	8.23	22.49	17.55	40.47	343.21	0.71	432.66	0.00	11.00	48.27	65.10	1326.24	39.11	1489.72	584.82	2507.20
	0-1200	38.38	313.83	392.03	982.24	30766.58	2047.12	34540.18	76.63	252.06	473.89	1796.68	14389.38	451.39	17440.03	4005.73	55985.94
Total		39.28	366.46	529.87	1675.25	47261.89	3926.68	53799.43	113.78	470.25	795.73	2744.53	32355.11	2573.61	39053.01	6351.39	99203.83
Andhra Pradesh																	
Godavari	0-300			0.02	3.00	131.19	66.69	200.90			1.78	14.14	358.86	20.89	395.67	45.05	641.62
	300-600			0.03	1.18	123.89	29.53	154.63			1.11	8.62	628.55	100.42	738.70	108.22	1001.55
	600-1200		0.06	0.40	10.76	637.73	20.17	669.12				0.08	1141.31	93.18	1234.57	624.90	2528.59
	0-1200		0.06	0.45	14.94	892.81	116.39	1024.65			2.89	22.84	2128.72	214.49	2368.94	778.17	4171.76
Total		0.00	0.06	0.45	14.94	892.81	116.39	1024.65	0.00	0.00	2.89	22.84	2128.72	214.49	2368.94	778.17	4171.76
Telangana																	
Godavari	0-300	52.55	261.16	1249.37	1316.42	3801.34	3.65	6684.49	52.27	95.22	325.13	535.39	2003.89	6.32	3018.22	365.84	10068.55
	300-600	37.33	242.57	723.70	1172.83	2084.56	2.87	4263.86	69.23	149.96	484.79	715.22	2623.54	0.00	4042.74	699.28	9005.88
	600-1200	2.24	15.64	19.19	87.95	183.34	0.07	308.43	9.15	154.08	230.95	410.39	631.04	0.00	1435.61	2387.05	4131.09
	0-1200	92.12	519.37	1992.26	2577.20	6069.24	6.59	11256.78	130.65	399.26	1040.87	1661.00	5258.47	6.32	8496.57	3452.17	23205.52
Total		92.12	519.37	1992.26	2577.20	6069.24	6.59	11256.78	130.65	399.26	1040.87	1661.00	5258.47	6.32	8496.57	3452.17	23205.52
Assam																	
Singrimari	0-300							0.00		2.79		4.83	3.02		10.64		10.64
	300-600							0.00				0.55	2.91		3.46		3.46
	0-600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.79	0.00	5.38	5.93	0.00	14.10	0.00	14.10
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.79	0.00	5.38	5.93	0.00	14.10	0.00	14.10
Sikkim																	
Rangit Valle	0-300							0.00			4.43	48.21	5.61		58.25	42.98	101.23
Total		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.43	48.21	5.61	0.00	58.25	42.98	101.23
Grand Total		1600.98	6778.62	13610.21	25411.16	134675.25	6466.33	188542.55	1315.13	5006.70	11560.19	21897.49	92130.72	4884.06	136794.29	25609.33	350946.17

Source: Geological Survey of India

Table - 2.6 : State Wise Inventory of Geological Resources of Lignite in India (as on 1st April)

(Qty. in MT)

State	As on	Resources			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	01-04-2020	1278.65	283.70	1159.70	2722.05
	01-04-2021	1278.65	283.70	1159.70	2722.05
	01-04-2022	1278.65	283.70	1159.70	2722.05
	01-04-2023	1278.65	283.70	1159.70	2722.05
	01-04-2024	1278.65	283.70	1159.70	2722.05
J & K	01-04-2020	0.00	20.25	7.30	27.55
	01-04-2021	0.00	20.25	7.30	27.55
	01-04-2022	0.00	20.25	7.30	27.55
	01-04-2023	0.00	20.25	7.30	27.55
	01-04-2024	0.00	20.25	7.30	27.55
Kerala	01-04-2020	0.00	0.00	9.65	9.65
	01-04-2021	0.00	0.00	9.65	9.65
	01-04-2022	0.00	0.00	9.65	9.65
	01-04-2023	0.00	0.00	9.65	9.65
	01-04-2024	0.00	0.00	9.65	9.65
Puducherry	01-04-2020	0.00	405.61	11.00	416.61
	01-04-2021	0.00	405.61	11.00	416.61
	01-04-2022	0.00	405.61	11.00	416.61
	01-04-2023	0.00	405.61	11.00	416.61
	01-04-2024	0.00	405.61	11.00	416.61
Rajasthan	01-04-2020	1168.53	3029.77	2150.77	6349.07
	01-04-2021	1168.53	3029.78	2150.77	6349.08
	01-04-2022	1203.85	3108.55	2273.84	6586.24
	01-04-2023	1203.85	3108.55	2273.84	6586.24
	01-04-2024	1203.85	3108.55	2273.84	6586.24
Tamilnadu	01-04-2020	4340.35	22496.63	9652.62	36489.60
	01-04-2021	4926.92	21910.06	9652.62	36489.60
	01-04-2022	5023.09	21885.01	10688.48	37596.58
	01-04-2023	5023.09	21885.01	10688.48	37596.58
	01-04-2024	5476.00	21412.16	10635.49	37523.65
West Bengal	01-04-2020	0.00	1.13	2.80	3.93
	01-04-2021	0.00	1.13	2.80	3.93
	01-04-2022	0.00	1.13	2.80	3.93
	01-04-2023	0.00	1.13	2.80	3.93
	01-04-2024	0.00	1.13	2.80	3.93
Odisha	01-04-2022	0.00	0.00	5.93	5.93
	01-04-2023	5.93	0.00	0.00	5.93
	01-04-2024	5.93	0.00	0.00	5.93
All India	01-04-2020	6787.53	26237.09	12993.84	46018.46
	01-04-2021	7374.10	25650.53	12993.84	46018.47
	01-04-2022	7505.59	25704.25	14158.70	47368.54
	01-04-2023	7511.52	25704.25	14152.77	47368.54
	01-04-2024	7964.43	25231.40	14099.78	47295.61

Note: Figures compiled by Neyveli Lignite Corporation Ltd.

Source: Geological Survey of India

Share of State Wise Resources of Lignite in India during 2023-24

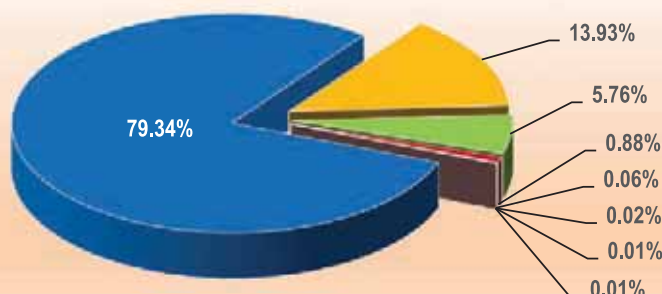


Table 2.7 : Field Wise Inventory of Geological Resource of Lignite in India (as on 1st April 2024)

(Qty. in MT)

State/District	Area/Field	Depth(m)	Proved	Indicated	Inferred	Total	Grand Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Neyveli lignite field								
Puducherry	Bahur	0-150	0.00	405.61	0.00	405.61	405.61	
	West of Bahur	0-150	0.00	0.00	11.00	11.00	11.00	
Total for Pandicherry			0.00	405.61	11.00	416.61	416.61	
Tamil Nadu								
Cuddalore	*Bahur	0-150	0.00	168.78	0.00	168.78	168.78	
	*West of Bahur	0-150	0.00	0.00	102.19	102.19	102.19	
	Bhuvanagiri-Kullanchavadi	150-300	0.00	0.00	385.40	385.40	385.40	
	Chidambaram	0-150	0.00	0.00	18.85	18.85		
		150-300	0.00	0.00	24.29	24.29		
		>300	0.00	0.00	0.59	0.59	43.73	
	East of Sethiatope	0-150	0.00	24.71	0.00	24.71		
		150-300	0.00	44.95	0.00	44.95		
		>300	0.00	21.46	0.00	21.46	91.12	
	Eastern part of Neyveli	150-300	0.00	218.65	37.68	256.33		
		>300	0.00	156.86	149.13	305.99	562.32	
	Eastern part of NLC leasehold area	>150	0.00	0.00	55.00	55.00	55.00	
	NLC Leasehold areas (Mine-I & Expansion, Mine 1A, II & Expansion, Mine III, Block B, Mine I, Mine II, Mine III and river) Devangudi & areas locked up between.	0-150	2831.00	134.00	138.00	3103.00		
		150-300	0.00	0.00	24.00	24.00	3127.00	
	Kudikadu	0-150	0.00	0.00	133.38	133.38	133.38	
	Kullanchavadi	>150	0.00	0.00	175.00	175.00	175.00	
	South of Vellar(Srimushnam)	0-150	610.21	0.00	0.00	610.21		
		150-300	22.72	0.00	0.00	22.72	632.93	
	Vayalampur	0-150	0.00	0.00	29.40	29.40		
150-300		0.00	0.00	4.50	4.50			
>300		0.00	0.00	24.82	24.82	58.72		
Veeranam Block i-iv	150-300	1036.77	110.45	92.88	1240.10			
	>300	0.46	0.00	1.15	1.61	1241.71		
Ariyalur	Jayamkondamcholapuram	0-150	904.23	302.50	0.00	1206.73	1206.73	
	Meensuruti	0-150	0.00	0.00	458.00	458.00	458.00	
	Michaelpatti	0-150	0.00	0.00	23.07	23.07	23.07	
	Michaelpatti Extention	0-150	0.00	0.00	31.30	31.30	31.30	
				5405.39	1182.36	1908.63	8496.38	8496.38
	Neyveli Lignite Fields			5405.39	1587.97	1919.63	8912.99	8912.99
*(Both Bahur and West of Bahur blocks cover parts of Tamil Nadu and Pondicherry state)								
Mannargudi lignite field								
Thanjavur & Thiruvarur	Mannargudi-Central	150-300	0.00	3159.00	0.00	3159.00		
		>300	0.00	1843.55	0.00	1843.55	5002.55	
	Mannargudi-NE	150-300	0.00	275.26	0.00	275.26		
		>300	0.00	5867.28	0.00	5867.28	6142.54	
	Mannargudi-NE extn.	>300	0.00	0.00	3057.95	3057.95	3057.95	
	Mannargudi-SE	150-300	0.00	553.00	0.00	553.00		
>300		0.00	5505.37	0.00	5505.37	6058.37		

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Table 2.7 : Field Wise Inventory of Geological Resource of Lignite in India (as on 1st April 2024)

(Qty. in MT)

State/District	Area/Field	Depth(m)	Proved	Indicated	Inferred	Total	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Thiruvarur & Thanjavur	Melnattam-Agraharam	150-300	0.00	44.60	65.51	110.11	110.11
	Cholapuram	150-300	0.00	15.46	83.67	99.13	99.13
	Mannargudi -NW	150-300	0.00	575.57	0.00	575.57	
		>300	0.00	421.10	0.00	421.10	996.67
	Mannargudi -SW	150-300	0.00	481.80	0.00	481.80	481.80
	Maharajapuram	150-300	0.00	23.95	0.00	23.95	23.95
	Orattanadu-Pattukottai	150-300	0.00	10.80	44.31	55.11	55.11
	Vadaseri(Orattanadu-Pattukottai)	0-150	0.00	9.37	0.00	9.37	
		150-300	0.00	745.83	0.00	745.83	755.20
	Madukkur-Anaikkadu	150-300	0.00	17.41	28.35	45.76	45.76
Veppanagulam-Kasangadu	150-300	0.00	4.88	0.00	4.88	4.88	
Thanjavur & Nagappattinam	Alangudi	150-300	0.00	24.98	48.01	72.99	
		>300	0.00	29.31	55.72	85.03	158.02
	Kadalangudi	0-150	0.00	0.00	0.43	0.43	
		150-300	0.00	0.00	317.74	317.74	
		>300	0.00	0.00	74.26	74.26	392.43
	Pandanalur	150-300	0.00	6.48	12.94	19.42	
		>300	0.00	18.14	36.11	54.25	73.67
	Thirumangalam	>300	0.00	233.22	295.30	528.52	528.52
	Tiruumangaichcheri	150-300	0.00	21.05	43.90	64.95	
>300		0.00	26.03	42.21	68.24	133.19	
Thiruvarur & Nagappattinam	Nachiyarkudi	>300	0.00	0.00	574.05	574.05	574.05
	Mannargudi lignite Field		0.00	19913.44	4780.46	24693.90	24693.90
Ramanathapuram lignite field							
Ramanathapuram	Bogalur	>300	0.00	48.28	76.34	124.62	124.62
	Bogalur East	>300	0.00	0.00	469.58	469.58	469.58
	Misal	>300	0.00	23.92	28.79	52.71	52.71
	Tiyanur	>300	0.00	96.63	167.30	263.93	263.93
	Uttarakosamangai	150-300	0.00	0.00	1.54	1.54	
		>300	0.00	0.00	467.22	467.22	468.76
	Kalari North	>300	0.00	0.00	221.90	221.90	221.90
	Kalari West	>300	0.00	0.00	379.91	379.91	379.91
	Kalari East	>300	0.00	0.00	259.77	259.77	259.77
	Tiruppullani	>300	0.00	0.00	501.69	501.69	501.69
	Chittarkottai	>300	0.00	0.00	534.17	534.17	534.17
	Rajasing Mangalam	>300	70.61	76.41	817.95	964.97	964.97
	Pandiyur	150-300	0.00	2.34	0.00	2.34	2.34
>300		0.00	68.78	0.00	68.78	68.78	
Ramnad & Sivaganga	Sattanur	>300	0.00	0.00	20.24	20.24	20.24
	Ramanathapuram lignite field		70.61	316.36	3946.40	4333.37	4333.37
Total for Tamil Nadu			5476.00	21412.16	10635.49	37523.65	37523.65
Rajasthan							
Bikaner	Ambasar-Gigasar	0-150	0.00	12.33	0.00	12.33	12.33
	Badhnu	0-150	0.00	0.00	1.87	1.87	1.87
	Bangarsar-Jaimalsar	0-150	0.00	0.00	13.74	13.74	
		150-300	0.00	0.00	5.37	5.37	19.11
	Bania	0-150	0.00	0.49	0.00	0.49	0.49
	Bapeau	0-150	0.00	0.00	35.58	35.58	35.58
	Barsinghsar	0-150	77.83	0.00	0.00	77.83	77.83
Bholasar	0-300	0.00	0.00	3.90	3.90	3.90	

Contd.....

Table 2.7 : Field Wise Inventory of Geological Resource of Lignite in India (as on 1st April 2024)

(Qty. in MT)

State/District	Area/Field	Depth(m)	Proved	Indicated	Inferred	Total	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Bikaner	Bigga-Abhaysingpura	0-300	0.00	0.00	25.26	25.26	
		150-300	0.00	0.00	19.38	19.38	44.64
	Bithnok East(Ext.)	0-300	0.00	39.44	0.00	39.44	39.44
	Bithnok Main	0-300	43.28	0.00	0.00	43.28	
		150-300	55.84	0.00	0.00	55.84	99.12
	Borana	0-150	0.00	0.10	0.41	0.51	0.51
	Chak-Vijaisinghpura	0-150	2.80	0.00	0.00	2.80	2.80
	Deshnok-Ramsar-Sinthal	0-150	0.00	0.00	52.85	52.85	
		150-300	0.00	0.00	0.92	0.92	53.77
	Diyatra	0-150	0.00	57.53	0.00	57.53	
		150-300	0.00	67.34	0.00	67.34	124.87
	East of Riri	0-150	0.00	0.00	1.76	1.76	1.76
	Gadiyala	0-300	0.00	0.00	36.98	36.98	36.98
	Gigasar-Kesardesar	0-150	0.00	0.65	0.00	0.65	0.65
	Girirajsar	0-300	0.00	26.48	8.99	35.47	35.47
	Girirajsar Extn.	150-300	0.00	0.00	24.81	24.81	24.81
	Gurha East	0-150	33.81	0.00	0.00	33.81	
		150-300	4.30	0.00	0.00	4.30	38.11
	Gurha West	0-150	40.65	0.00	0.00	40.65	
		150-300	1.00	0.00	0.00	1.00	41.65
	Hadda	150-300	0.00	0.22	0.00	0.22	0.22
	Hadda North & West	0-150	0.00	2.82	7.35	10.17	
		150-300	0.00	1.06	2.44	3.50	13.67
	Hadla	0-150	59.30	0.00	0.00	59.30	59.30
	Hira Ki Dhani	0-150	0.00	0.00	0.66	0.66	0.66
	Kenya-ki-basti & S.of Bhane-ka-Gaon	0-150	0.00	0.96	0.00	0.96	
		150-300	0.06	0.00	0.00	0.06	1.02
	Khar Charan	0-150	0.00	0.00	3.70	3.70	3.70
	Kuchore (Napasar)	0-150	0.00	0.00	1.00	1.00	1.00
	Kuchaur-Athuni	0-150	0.00	0.18	0.00	0.18	0.18
	Lalamdesar	0-150	0.00	0.09	0.00	0.09	0.09
	Lalamdesar Bada	0-150	1.51	0.49	0.00	2.00	2.00
	Mandal Charman	0-150	0.00	17.70	0.00	17.70	17.70
	Palana	0-150	23.57	0.00	0.00	23.57	23.57
	Palana East	0-150	0.00	1.46	0.00	1.46	1.46
	Panch-Peeth-Ki-Dhani	0-150	0.00	0.09	0.00	0.09	0.09
	Pyau	0-150	0.00	0.00	45.56	45.56	
		150-300	0.00	0.00	16.62	16.62	62.18
	Rneri	0-150	33.92	0.00	0.00	33.92	33.92
	Riri	0-150	159.68	0.00	0.00	159.68	
>150		22.75	0.00	0.00	22.75	182.43	
Sarupdesar-Palana west	0-150	0.00	0.67	0.00	0.67	0.67	
Shambu-ki-Burj	0-150	0.00	0.00	0.04	0.04	0.04	
Sowa	0-150	0.00	0.23	0.00	0.23	0.23	

Contd.....

Table 2.7 : Field Wise Inventory of Geological Resource of Lignite in India (as on 1st April 2024)

(Qty. in MT)

State/District	Area/Field	Depth(m)	Proved	Indicated	Inferred	Total	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Barmer	Baytu	0-150	0.00	0.00	2.19	2.19	
		150-300	0.00	0.00	21.31	21.31	
		>300	0.00	0.00	46.14	46.14	69.64
	Bharka	0-150	0.00	8.45	0.00	8.45	
		150-300	0.00	1.00	0.00	1.00	9.45
	Bhurtiya	0-150	0.00	12.86	2.12	14.98	
		150-300	0.00	66.60	0.40	67.00	
		>300	0.00	50.06	0.00	50.06	132.04
	Bothia-Bhakra- Dunga	0-300	0.00	9.35	0.00	9.35	9.35
	Bothia(Jalipa N Ext.)	0-300	0.00	151.67	0.00	151.67	151.67
	Chokla North	0-300	0.00	0.00	234.77	234.77	234.77
	Giral	0-150	20.00	81.90	0.00	101.90	101.90
	Hodu	0-300	0.00	78.17	80.55	158.72	
		>300	0.00	0.00	6.85	6.85	165.57
	Jalipa	0-150	224.28	0.00	0.00	224.28	
		150-300	100.55	0.00	0.00	100.55	324.83
	Jogeshwartala	0-150	0.00	31.52	0.00	31.52	
		150-300	0.00	3.00	0.00	3.00	34.52
	Kawas Gravity Block	150-300	0.00	0.00	63.45	63.45	
		>300	0.00	0.00	47.81	47.81	111.26
	Kapurdi	0-150	150.40	0.00	0.00	150.40	150.40
	Kurla	0-150	0.00	0.00	68.67	68.67	68.67
	Kurla East	0-150	0.00	11.47	0.00	11.47	
	(covering Kurla East North & South sub blocks)	150-300	0.00	48.47	0.00	48.47	
		>300	0.00	458.44	250.13	708.57	768.51
	Magne-ki-Dhani	0-150	0.00	0.00	8.78	8.78	
		150-300	0.00	0.00	3.91	3.91	
		>300	0.00	0.00	0.04	0.04	12.73
	Mahabar-Shivkar	0-150	0.00	9.22	24.30	33.52	
		150-300	0.00	2.93	7.61	10.54	44.06
	Matasartala	0-150	0.00	0.00	34.14	34.14	
		150-300	0.00	0.00	53.89	53.89	88.03
	Mithra	0-150	0.00	0.09	0.39	0.48	
		150-300	0.00	0.45	1.53	1.98	2.46
	Munabao	150-300	0.00	0.00	9.85	9.85	9.85
	Nagurda	0-150	0.00	103.68	0.00	103.68	
		150-300	0.00	127.87	0.00	127.87	
		>300	0.00	0.70	0.00	0.70	232.25
	Nagurda (East)	0-150	0.00	18.46	0.00	18.46	
		150-300	0.00	3.23	0.00	3.23	21.69
	Nimbalkot	0-100	0.00	0.00	8.97	8.97	
		100-300	0.00	0.00	85.49	85.49	
		>300	0.00	0.00	15.14	15.14	109.60
	Nimbalkot North	0-100	0.00	0.00	1.93	1.93	
		100-300	0.00	0.00	22.34	22.34	
		>300	0.00	0.00	3.45	3.45	27.72
	Sachha-Sauda	0-300	0.00	28.70	0.00	28.70	28.70

Contd.....

Table 2.7 : Field Wise Inventory of Geological Resource of Lignite in India (as on 1st April 2024)

(Qty. in MT)

State/District	Area/Field	Depth(m)	Proved	Indicated	Inferred	Total	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Barmer	Sindhari East	>150	0.00	262.65	0.00	262.65	262.65
	Sindhari West	>150	0.00	894.93	339.25	1234.18	1234.18
	Sonari	0-300	0.00	43.59	0.00	43.59	43.59
	South of Nimbla	0-150	0.00	0.00	96.39	96.39	
		150-300	0.00	0.00	13.21	13.21	109.60
Jaisalmer & Bikaner	Panna	0-150	0.00	0.00	2.21	2.21	2.21
	Charanwala	0-150	0.00	0.00	5.62	5.62	
		150-300	0.00	0.00	3.64	3.64	9.26
Jaisalmer & Barmer	Khuri	0-300	0.00	0.00	13.80	13.80	13.80
Jaisalmer	Bhanda	0-150	0.00	0.00	2.66	2.66	2.66
	Khuiyala	0-150	0.00	0.00	22.52	22.52	22.52
	Ramgarh	0-150	0.00	0.00	40.96	40.96	
		150-300	0.00	0.00	4.30	4.30	45.26
Jalore	Sewara	150-300	0.00	0.00	33.43	33.43	
		>300	0.00	0.00	42.65	42.65	76.08
Nagaur	Deswal	150-300	0.00	0.00	16.37	16.37	16.37
	Gangardi	150-300	0.00	166.91	11.44	178.35	178.35
	Indawar	0-150	12.00	0.00	0.00	12.00	12.00
	Kapriion-ka-Dhani	0-150	17.00	0.00	0.00	17.00	17.00
	Kasnau-Igiar	0-150	64.90	0.00	0.00	64.90	64.90
	Kuchera-Lunsara	0-300	0.00	7.17	51.41	58.58	58.58
	Matasukh	0-150	10.10	0.00	0.00	10.10	10.10
	Merta Road & Meeranagar	0-150	0.00	23.90	59.35	83.25	83.25
	Mokala	0-150	0.00	29.00	0.00	29.00	29.00
	Nimbri-Chandawatan	0-150	9.00	0.00	0.00	9.00	9.00
	Ucharada	0-150	0.00	4.22	7.11	11.33	
		150-300	0.00	58.29	59.06	117.35	128.68
	Basin	0-150	2.97	3.82	0.75	7.54	
150-300		8.19	12.99	2.56	23.74	31.28	
East of Gangardi-Ucharada	0-150	0.16	0.09	0.00	0.25		
	150-300	11.92	30.89	5.56	48.37		
	>300	12.08	30.98	5.56	48.62	97.24	
Nagaur & Pali	Phalki	0-150	0.00	0.18	0.00	0.18	
		150-300	0.00	0.32	0.00	0.32	0.50
	Phalki North	0-150	0.00	0.00	1.98	1.98	
		150-300	0.00	0.00	11.06	11.06	13.04
	Phalodi	0-150	0.00	0.00	0.95	0.95	
150-300		0.00	0.00	4.70	4.70	5.65	
Total for Rajasthan			1203.85	3108.55	2273.84	6586.24	6586.24
Gujarat							
Kachchh	AkriMota	0-150	91.78	0.00	0.00	91.78	91.78
	Barkhan Dam	0-150	0.00	0.00	7.19	7.19	7.19
	Hamla-Ratadia	0-150	0.00	0.00	3.00	3.00	3.00
	Jhularai-Wagapadar	0-150	3.00	0.00	0.00	3.00	3.00
	Kaiyari Block-A	0-150	40.36	20.30	0.00	60.66	60.66
	Kaiyari Block-B	0-150	0.00	10.52	0.00	10.52	10.52
	Lakhapath-Dedhdi(Punahrajpur)	0-150	49.00	24.30	0.00	73.30	73.30
	Mata-No-Madh	0-150	34.00	0.00	0.00	34.00	34.00
	Panandhro	0-150	98.00	0.00	0.00	98.00	98.00
	Panandhro Ext.	0-150	0.00	0.00	14.45	14.45	14.45

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Table 2.7 : Field Wise Inventory of Geological Resource of Lignite in India (as on 1st April 2024)

(Qty. in MT)

State/District	Area/Field	Depth(m)	Proved	Indicated	Inferred	Total	Grand Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Kachchh	Pranpur	0-300	0.00	1.28	8.45	9.73	9.73
	Umarsar	0-150	19.47	0.00	0.00	19.47	19.47
Bhavnagar	Kharsalia,Rampur,Hoidad, Bhuteshwa	0-300	0.00	0.00	299.17	299.17	299.17
Bharuch	Bhuri	0-150	10.59	31.56	0.00	42.15	42.15
	Valia, Bhaga, Luna, Pansoli, Nani Par	0-150	225.88	0.00	0.00	225.88	
		>150	232.50	0.00	0.00	232.50	
		0-300	251.68	87.03	178.47	517.18	975.56
	Bhimpur	0-150	3.60	0.00	0.00	3.60	
		150-300	0.51	0.00	0.00	0.51	4.11
	Rajpardi(GMDC leasehold) by MECL	0-150	0.00	0.00	20.72	20.72	20.72
Rajpardi (CGM) by MECL	0-300	0.00	0.00	292.04	292.04	292.04	
Surat	Tadkeswar	0-300	0.00	0.00	123.10	123.10	123.10
	Dungra	0-300	0.00	0.00	92.52	92.52	92.52
	East of Kamrej-Vesma	150-300	0.00	0.00	7.92	7.92	7.92
Surat	Tadkeswar Block-Mongrol, Mandvi, Vastan, Nani Naroli,Ghala etc.	0-300	218.28	108.71	112.67	439.66	439.66
Total for Gujarat			1278.65	283.70	1159.70	2722.05	2722.05
Jammu & Kashmir							
Kupwara	Nichahom	0-150	0.00	20.25	0.00	20.25	20.25
	Nichahom-Budhasung	0-150	0.00	0.00	7.30	7.30	7.30
Total for Jammu & Kashmir			0.00	20.25	7.30	27.55	27.55
Kerala							
Kannanur	Madayi	0-150	0.00	0.00	5.60	5.60	5.60
	Nileswaram	0-150	0.00	0.00	2.50	2.50	2.50
	Kadamkottumala	0-150	0.00	0.00	1.00	1.00	1.00
	Kayyur	0-150	0.00	0.00	0.55	0.55	0.55
Total for Kerala			0.00	0.00	9.65	9.65	9.65
West Bengal							
Bardhaman	Rakshitpur	0-150	0.00	0.29	0.86	1.15	1.15
	Gourangapur- Bankati	0-151	0.00	0.00	0.96	0.96	0.96
Birbhum	Mahalla	150-300	0.00	0.64	0.00	0.64	0.64
	Dhobanpur	150-300	0.00	0.20	0.78	0.98	0.98
	Djara	150-300	0.00	0.00	0.20	0.20	0.20
Total for West Bengal			0.00	1.13	2.80	3.93	3.93
Odisha							
Kendujhar Sundargarh	Gandhalpada West	0-150	5.93	0.00	0.00	5.93	5.93
Total for Odisha			5.93	0.00	0.00	5.93	5.93
Grand Total for all States			7964.43	25231.40	14099.78	47295.61	47295.61

Source: Geological Survey of India

Table 2.8 : Promotional Exploration (Drilling in Metres) During Xth, XIth, XIIth, XIIIth and XIVth Plan

Year	Agency	CIL (Coal)	SCCL (Coal)	NLC (Lignite)	Total
(1)	(2)	(3)	(4)	(5)	(6)
1997-98 (IX Plan)	All Agencies	33132	27426	35560	96118
1998-99 (IX Plan)	All Agencies	59666	33847	55445	148958
1999-00 (IX Plan)	All Agencies	96731	28574	70398	195703
2000-01 (IX Plan)	All Agencies	33647	10724	52246	96617
2001-02 (IX Plan)	All Agencies	45626	17993	64198	127817
1997-02 (IX Plan)	Geological Survey of India	59612	6527	13225	79364
1997-02 (IX Plan)	Mineral Exploration Corporation Ltd.	174445	112037	264622	551104
1997-02 (IX Plan)	Central Mine Planning & Design Inst.	34745	0	0	34745
1997-02 (IX Plan)	All Agencies	268802	118564	277847	665213
2002-03 (X th Plan)	All Agencies	43738	17202	56360	117300
2003-04 (X th Plan)	All Agencies	53418	18712	59401	131531
2004-05 (X th Plan)	All Agencies	62426	15110	57026	134562
2005-06 (X th Plan)	All Agencies	62721	16786	58981	138488
2006-07 (X th Plan)	All Agencies	51675	18212	31721	101608
2002-07 (Xth Plan)	Geological Survey of India	57652	0	7557	65209
2002-07 (Xth Plan)	Mineral Exploration Corporation Ltd.	161307	86022	255932	503261
2002-07 (Xth Plan)	Central Mine Planning & Design Inst.	55019	0	0	55019
2002-07 (Xth Plan)	All Agencies	273978	86022	263489	623489
2007-08 (XI th Plan)	All Agencies	53028	17154	45350	115532
2008-09 (XI th Plan)	All Agencies	49666	14730	62417	126813
2009-10 (XI th Plan)	All Agencies	35983	12303	61047	109333
2010-11 (XI th Plan)	All Agencies	35627	9638	57403	102668
2011-12 (XI th Plan)	All Agencies	34930	9228	49564	93722
2007-12 (XIth Plan)	Geological Survey of India	72052	0	32791	104843
2007-12 (XIth Plan)	Mineral Exploration Corporation Ltd.	124862	63053	242990	430905
2007-12 (XIth Plan)	DGM (Nagaland)	11002	0	0	11002
2007-12 (XIth Plan)	Central Mine Planning & Design Inst.	139995	44187	168814	352996
2007-12 (XIth Plan)	All Agencies	347911	107240	444595	899746
2012-13(XII th Plan)	All Agencies	36725	8899	67728	113352
2013-14 (XII th Plan)	All Agencies	53695	9553	68774	132022
2014-15 (XII th Plan)	All Agencies	67145	3575	68777	139497
2015-16 (XII th Plan)	All Agencies	52086	0	60254	112340
2016-17 (XII th Plan)	All Agencies	49695	0	55686	105381
2012-17 (XIIth Plan)	Geological Survey of India	65312	0	35658	100970
2012-17 (XIIth Plan)	Mineral Exploration Corporation Ltd.	189960	22027	285561	497548
2012-17 (XIIth Plan)	DGM (Nagaland)	2887	0	0	2887
2012-17 (XIIth Plan)	Central Mine Planning & Design Inst.	1187	0	0	1187
2012-17 (XIIth Plan)	All Agencies	259346	22027	321219	602592

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Table 2.8 : Promotional Exploration (Drilling in Metres) During Xth, XIth, XIIth, XIIIth and XIVth Plan

Year	Agency	CIL (Coal)	SCCL (Coal)	NLC (Lignite)	Total
(1)	(2)	(3)	(4)	(5)	(6)
2017-18	Geological Survey of India	0	0	341	341
2017-18	Mineral Exploration Corporation Ltd.	85282	0	41553	126835
2017-18	DGM (Nagaland)	808	0	0	808
2017-18	Central Mine Planning & Design Inst.	6713	0	0	6713
2017-18 (XIIIth Plan)	All Agencies	92803	0	41895	134697
2018-19	Geological Survey of India	0	0	0	0
2018-19	Mineral Exploration Corporation Ltd.	76700	4700	43000	124400
2018-19	DGM (Nagaland)	1100	0	0	1100
2018-19	Central Mine Planning & Design Inst.	13500	0	0	13500
2018-19 (XIIIth Plan)	All Agencies	91300	4700	43000	139000
2019-20	Geological Survey of India	0	0	0	0
2019-20	Mineral Exploration Corporation Ltd.	55600	11200	33500	100300
2019-20	DGM (Nagaland)	1000	0	0	1000
2019-20	Central Mine Planning & Design Inst.	14300	0	0	14300
2019-20 (XIIIth Plan)	All Agencies	70900	11200	33500	115600
2020-21	Geological Survey of India	0	0	0	0
2020-21	Mineral Exploration Corporation Ltd.	66450	290	22853	89593
2020-21	DGM (Nagaland)	1036	0	0	1036
2020-21	Central Mine Planning & Design Inst.	44249	0	0	44249
2020-21 (XIIIth Plan)	All Agencies	111735	290	22853	134878
2021-22	Geological Survey of India	0	0	0	0
2021-22	Mineral Exploration Corporation Ltd.	35200	0	14000	49200
2021-22	DGM (Nagaland)	1500	0	0	1500
2021-22	Central Mine Planning & Design Inst.	121000	0	0	121000
2021-22 (XIIIth Plan)	All Agencies	157700	0	14000	171700
2017-22 (XIIIth Plan)	Geological Survey of India	0	0	341	341
Total (XIIIth Plan)	Mineral Exploration Corporation Ltd.	319232	16190	154906	490328
Total (XIIIth Plan)	DGM (Nagaland)	2844	0	0	2844
Total (XIIIth Plan)	Central Mine Planning & Design Inst.	199762	0	0	199762
Total (XIIIth Plan)	All Agencies	521838	16190	155248	693275
2022-23	Geological Survey of India	0	0	0	0
2022-23	Mineral Exploration Corporation Ltd.	17973	0	0	17973
2022-23	DGM (Nagaland)	1879	0	0	1879
2022-23	Central Mine Planning & Design Inst.	109245	0	0	109245
2022-23 (XIVth Plan)	All Agencies	129097	0	0	129097

Note: IXth Plan 1997-98 to 2001-02, Xth Plan 2002-03 to 2006-07, XIth Plan 2007-08 to 2011-12, XIIth plan 2012-13 to 2016-17, XIIIth plan 2017-18 to 2021-22 and XIIIth Plan Starts from 2022-23

Table 2.9 : Detailed Exploration (Drilling in Meters) During IXth to XIVth Plan

Year	Agency	Blocks	CIL									SCCL	NLC
			ECL	BCCL	CCL	NCL	WCL	SECL	MCL	NEC	TOTAL CIL		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1997-02 Total (IX th Plan)	Departmental	CIL	134412		110201	56008	159302	218407	140531		818861	251379	251379
	Departmental	Non-CIL			31576		11057	35219	40946		118798		
	MECL	CIL	15036		12338		49350	55959		13	132696		
	MECL	Non-CIL	46339		13179	17906	7173	30205			114802		
	MP/Odisha Govt.	CIL						31646	21586		53232		
	Private Parties	CIL								2448	2448		
	All Agencies	Total	195787	0	167294	73914	226882	371436	203063	2461	1240837	251379	
2002-2007 Total (X th Plan)	Departmental	CIL	98354	8391	63103	51783	96026	162116	166142	0	645915	0	
	Departmental	Non-CIL	0	0	61788	8392	19645	87775	53803	0	231403	332173	
	MECL	Non-CIL	0	0	4837	0	0	4797	22959	0	32593	0	
	CG/MP/Odisha Govt.	CIL	0	0	0	0	2744	28831	11727	0	41273	0	
	All Agencies	Total	98354	8391	129728	60175	118415	283519	254631	0	951184	332173	
1997-12 Total (XI th Plan)	Departmental	CIL	134412		110201	56008	159302	218407	140531		818861	192639	0
	Departmental	Non-CIL			31576		11057	35219	40946		118798		
	MECL	CIL	15036		12338		49350	55959		13	132696		
	MECL	Non-CIL	46339		13179	17906	7173	30205			114802		
	MP/Odisha Govt.	CIL						31646	21586		53232		
	Private Parties	CIL								2448	2448		
	All Agencies	Total	195787		167294	73914	226882	371436	203063	2461	1240837	192639	
2012-17 Total (XII th Plan)	Departmental	CIL	217179	0	238617	69362	210472	631407	88918	0	1455955	0	0
	Departmental	Non-CIL	21998	0	5675	64551	41370	25996	191931	0	351521	361499	0
	Departmental	Pvt. Blocks	0	0	0	0	0	0	0	0	0	0	0
	Departmental	Total	239177	0	244292	133913	251842	657403	280849	0	1807476	361499	0
	MECL	CIL	12775	26114	0	93879	0	375762	0	0	508530	0	0
	MECL	Non-CIL	0	0	0	73759	56544	428881	0	0	559184	195861	0
	CG/MP/Odisha Govt.	CIL	0	0	0	0	0	14545	11463	0	26008	0	0
	Private /Contractual	CIL	97625	116733	233816	0	114385	254373	30565	0	847497	0	0
	Private /Contractual	Non-CIL	81700	0	45809	0	42790	162395	59959	0	392653	0	0
	Private /Contractual	Total	179325	116733	279625	0	157175	416768	90524	0	1240150	0	0
	All Agencies	CIL	327579	142847	472433	163241	324857	1276087	130946	0	2837990	0	0
	All Agencies	Non-CIL	103698	0	51484	138310	140704	617272	251890	0	1303358	557360	0
All Agencies	Total	431277	142847	523917	301551	465561	1893359	382836	0	4141348	557360	0	
2017-18 (XIII th Plan)	Departmental	CIL	53804		26570	16737	60838	131623	15218	0	304790		
	Departmental	Non-CIL	16632		11461	28502	11556	21530	49343		139024	0	
	Departmental	Pvt. Blocks									0		
	Departmental	Total	70436	0	38031	45239	72394	153153	64561	0	443814	0	
	MECL	CIL	23240			35414		179100			237754		
	MECL	Non-CIL						165300			165300	109109	
	CG/MP/Odisha Govt.	CIL							2121		2121		
	Private /Contractual	CIL	99045		57831		55836	63515	26787		303014		
	Private /Contractual	Non-CIL	48334		6596		952	53746	31967		141595		
	Private /Contractual	Total	147379	0	64427	0	56788	117261	58754	0	444609		
	All Agencies	CIL	176089	0	84401	52151	116674	374238	44126	0	847679		
All Agencies	Non-CIL	64966	0	18057	28502	12508	240576	81310	0	445919	109109		
All Agencies	Total	241055	0	102458	80653	129182	614814	125436	0	1293598	109109		

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Table 2.9 : Detailed Exploration (Drilling in Meters) During IXth to XIVth Plan

Year	Agency	Blocks	CIL									SCCL	NLC
			ECL	BCCL	CCL	NCL	WCL	SECL	MCL	NEC	TOTAL CIL		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
2018-19 (XIII th Plan)	Departmental	CIL	58700		46300	9200	47100	168300	28900	0	358500		
	Departmental	Non-CIL	5700		600	36900	43800	9600	44700		141300	0	
	Departmental	Pvt. Blocks									0		
	Departmental	Total	64400	0	46900	46100	90900	177900	73600	0	499800	0	
	MECL	CIL	10100			17700		229900			257700		
	MECL	Non-CIL	9700					173000			182700	101275	
	CG/MP/Odisha Govt.	CIL							2000		2000		
	Private /Contractual	CIL	63900	1300	74700		67700	33600	500		241700		
	Private /Contractual	Non-CIL	84000		15100	12900		24300	19000		155300		
	Private /Contractual	Total	147900	1300	89800	12900	67700	57900	19500	0	397000		
	All Agencies	CIL	132700	1300	121000	26900	114800	431800	31400	0	859900		
	All Agencies	Non-CIL	99400	0	15700	49800	43800	206900	63700	0	479300	101275	
All Agencies	Total	232100	1300	136700	76700	158600	638700	95100	0	1339200	101275		
2019-20 (XIII th Plan)	Departmental	CIL	38200		24900	6500	33100	139100	15300	0	257100		
	Departmental	Non-CIL	24900		28800	32900	52400	33800	58600		231400	0	
	Departmental	Pvt. Blocks									0		
	Departmental	Total	63100	0	53700	39400	85500	172900	73900	0	488500	0	
	MECL	CIL	6400	10100		10400		126200			153100		
	MECL	Non-CIL	8300					309600		1400	319300	87605	
	CG/MP/Odisha Govt.	CIL							2700		2700		
	Private /Contractual	CIL	11800	57500	27700		29700	43400	200		170300		
	Private /Contractual	Non-CIL	71600		23400	0		10400	18900		124300		
	Private /Contractual	Total	83400	57500	51100	0	29700	53800	19100	0	294600		
	All Agencies	CIL	56400	67600	52600	16900	62800	308700	18200	0	583200		
	All Agencies	Non-CIL	104800	0	52200	32900	52400	353800	77500	1400	675000	87605	
All Agencies	Total	161200	67600	104800	49800	115200	662500	95700	1400	1258200	87605		
2020-21 (XIII th Plan)	Departmental	CIL	29262		31382	14595	36443	175938	2084	0	289704		
	Departmental	Non-CIL	30149		20464	24602	33678	3681	71993		184567	0	
	Departmental	Pvt. Blocks									0		
	Departmental	Total	59411	0	51846	39197	70121	179619	74077	0	474271	0	
	MECL	CIL		14076		11847		76656			102579		
	MECL	Non-CIL	5297		12475			345007	14412	4370	381561	54063	15071
	CG/MP/Odisha Govt.	CIL							1356		1356		
	Private /Contractual	CIL	19637	52863	50708			4454	23666		151328		
	Private /Contractual	Non-CIL	8809		8295	0		8117	48109		73330		
	Private /Contractual	Total	28446	52863	59003	0	0	12571	71775	0	224658		
	All Agencies	CIL	48899	66939	82090	26442	36443	257048	27106	0	544967		
	All Agencies	Non-CIL	44255	0	41234	24602	33678	356805	134514	4370	639458	54063	15071
All Agencies	Total	93154	66939	123324	51044	70121	613853	161620	4370	1184425	54063	15071	
2021-22 (XIII th Plan)	Departmental	CIL	35155		50535	20911	53563	171605	5678		337447		
	Departmental	Non-CIL	26884		1215	16178	6730	4799	44452		100258		
	Departmental	Pvt. Blocks									0		
	Departmental	Total	62039	0	51750	37089	60293	176404	50130	0	437705	0	0
	MECL	CIL	0		5209	1654		10101			16964		
	MECL	Non-CIL	1448		29867			90115			121430		1220
	CG/MP/Odisha Govt.	CIL							1079		1079		
	Private /Contractual	CIL	2587	8962	2242				28797		42588		
	Private /Contractual	Non-CIL		17893				304	30914		49111		
	Private /Contractual	Total	2587	26855	2242	0	0	304	59711	0	91699	0	0
	All Agencies	CIL	37742	8962	57986	22565	53563	181706	35554	0	398078	0	0
	All Agencies	Non-CIL	28332	17893	31082	16178	6730	95218	75366	0	270799	0	1220
All Agencies	Total	66074	26855	89068	38743	60293	276924	110920	0	668877	0	1220	

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Table 2.9 : Detailed Exploration (Drilling in Meters) During IXth to XIVth Plan

Year	Agency	Blocks	CIL									SCCL	NLC
			ECL	BCCL	CCL	NCL	WCL	SECL	MCL	NEC	TOTAL CIL		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
2017-22 Total (XIII th Plan)	Departmental	CIL	215121	0	179687	67943	231044	786566	67180	0	1547541	0	0
	Departmental	Non-CIL	104265	0	62540	139082	148164	73410	269088	0	796549	0	0
	Departmental	Pvt. Blocks	0	0	0	0	0	0	0	0	0	0	0
	Departmental	Total	319386	0	242227	207025	379208	859976	336268	0	2344090	0	0
	MECL	CIL	39740	24176	5209	77015	0	621957	0	0	768097	0	0
	MECL	Non-CIL	24745	0	42342	0	0	1083022	14412	5770	1170291	352052	16291
	CG/MP/Odisha Govt.	CIL	0	0	0	0	0	0	9256	0	9256	0	0
	Private /Contractual	CIL	196969	120625	213181	0	153236	144969	79950	0	908930	0	0
	Private /Contractual	Non-CIL	212743	17893	53391	12900	952	96867	148890	0	543636	0	0
	Private /Contractual	Total	409712	138518	266572	12900	154188	241836	228840	0	1452566	0	0
	All Agencies	CIL	451830	144801	398077	144958	384280	1553492	156386	0	3233824	0	0
	All Agencies	Non-CIL	341753	17893	158273	151982	149116	1253299	432390	5770	2510476	352052	16291
	All Agencies	Total	793583	162694	556350	296940	533396	2806791	588776	5770	5744300	352052	16291
2022-23 (XIV th Plan)	Departmental	CIL	34582	0	57828	45517	157312	21199	4031	0	320469		
	Departmental	Non-CIL	17833	0	0	13301	23597	16690	21770	0	93191		
	Departmental	Pvt. Blocks									0		
	Departmental	Total	52415	0	57828	58818	180909	37889	25801	0	413660	0	0
	MECL	CIL	0	0	2077	0	2858	0	0	0	4935		
	MECL	Non-CIL	46611	0	14787	0	61534	0	0	0	122931	34103	1220
	CG/MP/Odisha Govt.	CIL							616		616		
	Private /Contractual	CIL	0	0	0	0	0	0	812	0	812		
	Private /Contractual	Non-CIL	0	0	0	0	0	0	11441	1255	12696		
	Private /Contractual	Total	0	0	0	0	0	0	12253	1255	13507	0	0
	All Agencies	CIL	34582	0	59905	45517	160170	21199	5459	0	326831	0	0
	All Agencies	Non-CIL	64444	0	14787	13301	85131	16690	33211	1255	228818	34103	1220
	All Agencies	Total	99026	0	74692	58818	245300	37889	38670	1255	555649	34103	1220
2023-24 (XIV th Plan)	Departmental	CIL	39828	0	48412	11912	36341	160771	2786	0	300050		
	Departmental	Non-CIL	17834	0	0	27747	3851	19601	29219	0	98252		
	Departmental	Pvt. Blocks			10217			1017			11234		
	Departmental	Total	57662	0	58629	39659	40192	181389	32005	0	409536	0	0
	MECL	CIL	440	0	3990	3949	0	21463	25613	0	55455		
	MECL	Non-CIL	0	0	6382	4301	0	27094	0	0	37777	65254	0
	CG/MP/Odisha Govt.	CIL							0		0		
	Private /Contractual	CIL	0	0	0	0	0	0	37106	16355	53461		
	Private /Contractual	Non-CIL	142	0	0	1722	2588	2799	676	0	7927		
	Private /Contractual	Total	142	0	0	1722	2588	2799	37782	16355	61388	0	0
	All Agencies	CIL	40268	0	52402	15861	36341	182234	65505	16355	408966	0	0
	All Agencies	Non-CIL	17976	0	6382	33770	6439	49494	29895	0	143956	72767	0
	All Agencies	Pvt. Blocks	0	0	10217	0	0	1017	0	0	11234	0	0
All Agencies	Total	58244	0	69001	49631	42780	232745	95400	16355	564156	72767	0	

03.

Production & Productivity



Section III

Production & Productivity

3.1 Production

3.1.1 In 2023-24, the production of raw coal in India was 997.826 MT, showing an increase of 11.71% over the previous year. In the same year production of lignite was 42.921, showing a decrease of 2.52% over 2022-23.

3.1.2 Statement 3.1 shows the production of coal in 2023-24 by different companies.

Statement 3.1: Raw Coal Production in India by Company			
Company	Coal Production (2023-24) [MT]		
	Coking	Non-Coking	Total
ECL	0.012	47.548	47.560
BCCL	39.109	1.987	41.096
CCL	21.060	64.994	86.054
NCL		136.148	136.148
WCL	0.036	69.077	69.113
SECL*	0.216	187.320	187.536
MCL		206.099	206.099
NEC		0.200	0.200
CIL	60.433	713.373	773.806
SCCL		70.021	70.021
Other Public	0.464	105.502	105.966
Total Public	60.897	888.896	949.793
Total Private	5.924	42.109	48.033
All India	66.821	931.005	997.826

*Including Production from SECL(GP-IV/2&3) coal blocks.

It can be seen that Coal India Ltd. accounted for 77.55% of coal production in the country. The share of SCCL in coal production was 7.02%. Contribution from the Public Sector and Private Sector was 95.19% and 4.81% respectively. The major contributions to the total coal production of the country in 2023-24 were from MCL (20.65%), SECL (18.79%), NCL (13.64%), CCL (8.62%), SCCL (7.02%) and WCL (6.93%). The production from these six companies collectively accounted for 75.66% of the total coal production of the country.

From Statement 3.1 it can also be seen that the major share in total coal production was of non-coking coal (93.30%).

3.1.3 Statement 3.2 shows the coal production in India during 2023-24 by different states. From this statement, it can be observed that the four major coal producing states were Odisha (23.99%), Chhattisgarh (20.77%), Jharkhand (19.16%), and Madhya Pradesh (15.96%). These four states together accounted for about 79.88% of the total coal production in the country.

Statement 3.2: Raw Coal Production in India by State			
States	Coal Production (2023-24) [MT]		
	Coking	Non-coking	Total
Assam		0.200	0.200
Chhattisgarh	0.216	207.039	207.255
Jammu & Kashmir		0.008	0.008
Jharkhand	66.569	124.589	191.158
Madhya Pradesh	0.036	159.192	159.228
Maharashtra		69.282	69.282
Odisha		239.402	239.402
Telangana		72.521	72.521
Uttar Pradesh		21.510	21.510
West Bengal		37.262	37.262
Total	66.821	931.005	997.826

3.1.4 Statement 3.2 also shows that almost all coking coal was produced in the state of Jharkhand which accounted for 99.62% of the total coking coal production. It can be seen from Table 3.2 that during 2023-24, the production of coking coal registered an increase of 9.98% over 2022-23 whereas production of non-coking coal increased by 11.84%.

3.1.5 From table 3.19 it can be observed that in 2023-24, the production from the open-cast system of mining accounted for 96.56% of the total coal production, and the rest 3.44% was accounted for the Under Ground system of mining. From this table, it is interesting to note that the share of open-cast mining in total coal production has been steadily increasing over time, and in the last ten years, it has increased from 92.04% in 2014-15 to 96.56% in 2023-24 whereas in case of Under Ground mining the share has a decreasing trend, 7.96% in 2014-15 to 3.44% in 2023-24.

3.1.6 From table 3.3, it can be seen that the total production of coal products decreased from 27.467 MT in 2022-23 to 23.997 MT in 2023-24. It can also be seen that in 2023-24, the production of washed coking coal increased by 1.64% and washed non-coking coal decreased by 27.87% over the previous year. The production of coking coal middlings increased by 64.27% from 2022-23. In 2023-24, the production of washed coal (coking and non-coking) was 17.113 MT against the total raw coal production of 997.826 MT in 2023-24.

3.1.7 Stripping Ratio defined as the ratio of OBR (Over Burden Removal) to coal produced in Open Cast mining has been of interest to the researchers. From table 3.22 it can be seen that in 2023-24, the stripping ratio at all India level was 2.93 while it was 2.84 in 2022-23. The stripping ratio of CIL was 2.56 and of SCCL was 6.51 in 2023-24. The stripping ratio for the Public Sector was 2.90 and for the Private Sector was 3.51. In the case of CIL subsidiaries, MCL reported the lowest stripping ratio 1.34 whereas NEC reported the highest stripping ratio of 12.17.

3.1.8 Output Per Man Shift (OMS) is one of the measures of efficiency for production. Table 3.23 shows OMS for 2023-24 of the two major players in the Public Sector, namely, CIL and SCCL by type of mining. It is seen that during 2023-24, in respect of Open Cast mining, OMS (in Tonnes) of CIL was 24.88 and of SCCL was 13.24.

In the case of Under Ground mining, OMS (in Tonnes) of CIL was 1.21 and SCCL was 1.19.

Statement 3.3: OMS (Tonnes) in OC & UG Mines in 2022-23 & 2023-24 for CIL & SCCL

Year	Company	2022-23	2023-24
OMS (OC)	CIL	22.99	24.88
	SCCL	13.94	13.24
OMS (UG)	CIL	1.05	1.21
	SCCL	1.27	1.19
OMS (Overall)	CIL	13.10	14.99
	SCCL	5.31	5.41

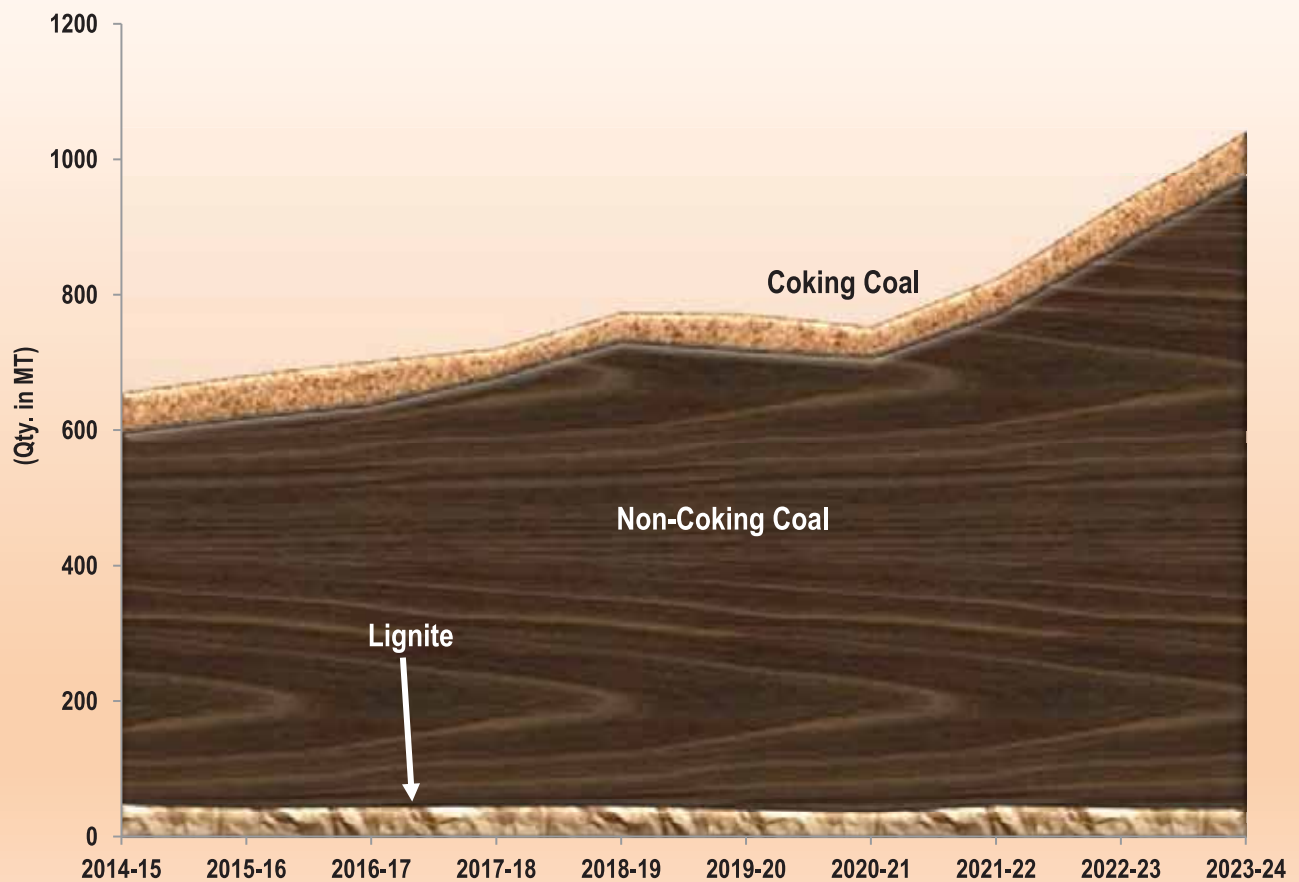
3.2 Lignite Production

3.2.1 Statement 3.4 shows production of lignite by different companies in 2022-23 and 2023-24. It can be seen that in case of lignite the three major companies were NLC, GMDCL and BLMCL which contributed 55.17%, 14.84% and 13.63% respectively to the total lignite production of 2023-24.

Statement 3.4: Lignite Production (MT) in India by Company in 2022-23 and 2023-24

Company	2022-23	2023-24
NLC	23.530	23.680
GMDCL	7.580	6.371
GIPCL	3.050	3.043
RSMML	1.208	1.098
GHCL	0.125	0.047
VSLPPL	1.000	0.965
BLMCL	5.978	5.852
GPCL	1.558	1.865
All India	44.029	42.921

Chart III.I : Area Graph - Trend of Production of Different Type of Raw Coal and Lignite from 2014-15 to 2023-24



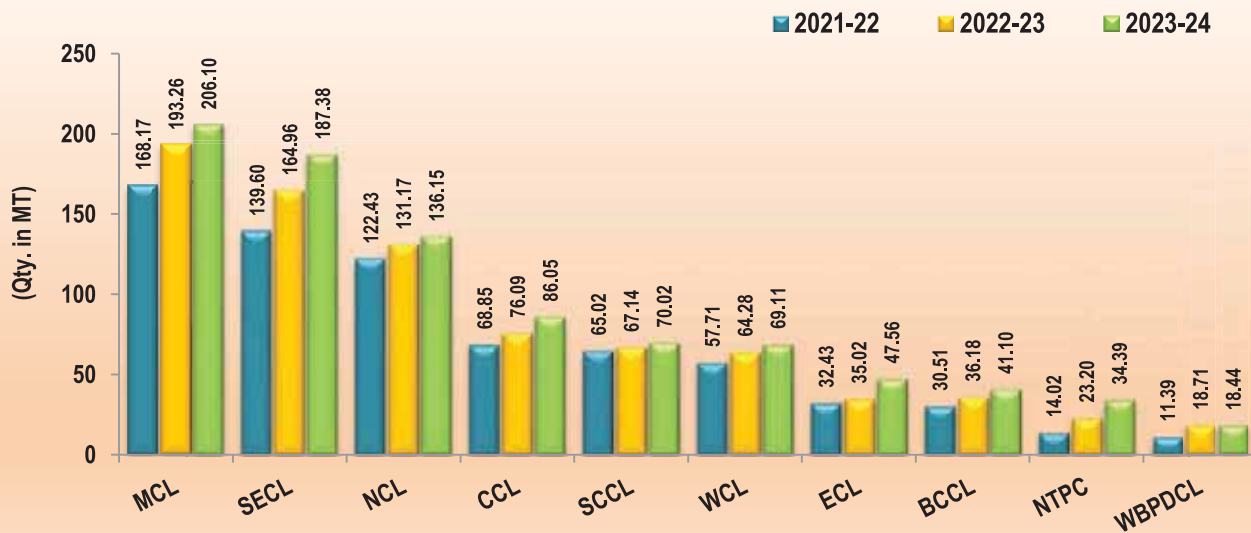
Production of Different Type of Raw Coal and Lignite from 2014-15 to 2023-24

(Qty. in MT)

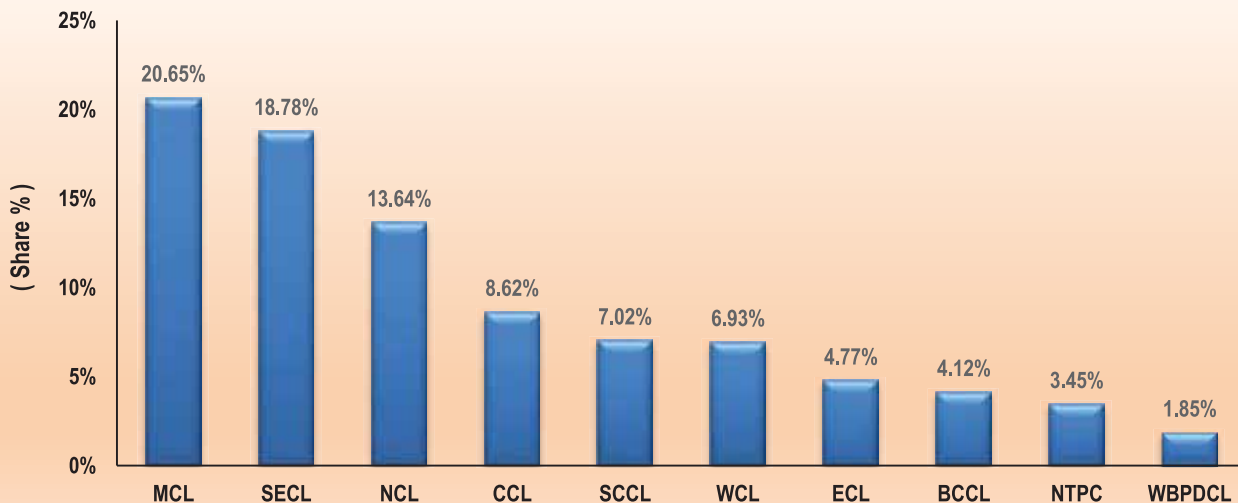
Year	Coking	Non-Coking	Total Raw Coal	Lignite
(1)	(2)	(3)	(4)	(5)
2014-15	57.446	551.733	609.179	48.270
2015-16	60.887	578.343	639.230	43.842
2016-17	61.661	596.207	657.868	45.230
2017-18	40.148	635.252	675.400	46.644
2018-19	41.132	687.586	728.718	46.644
2019-20	52.936	677.938	730.874	42.096
2020-21	44.787	671.296	716.083	37.895
2021-22	51.702	726.508	778.210	47.492
2022-23	60.759	832.432	893.191	44.029
2023-24	66.821	931.005	997.826	42.921

Note: 1. This is an area graph. Area in between bottom & top boundary for each item shows contribution of that item to total solid fossil fuel.

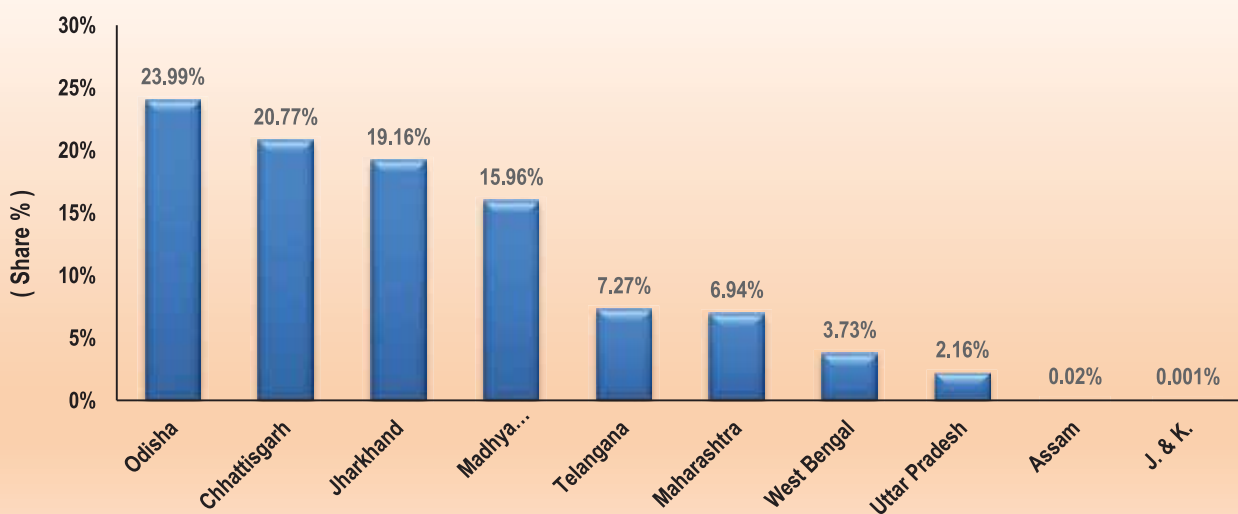
Ch-III.II : Raw Coal Production of the Top Ten Companies during Last Three Years



Ch-III.III : Share of Raw Coal Production of the Top Ten Companies in 2023-24



Ch-III.IV : Share of State Wise Raw Coal Production during 2023-24



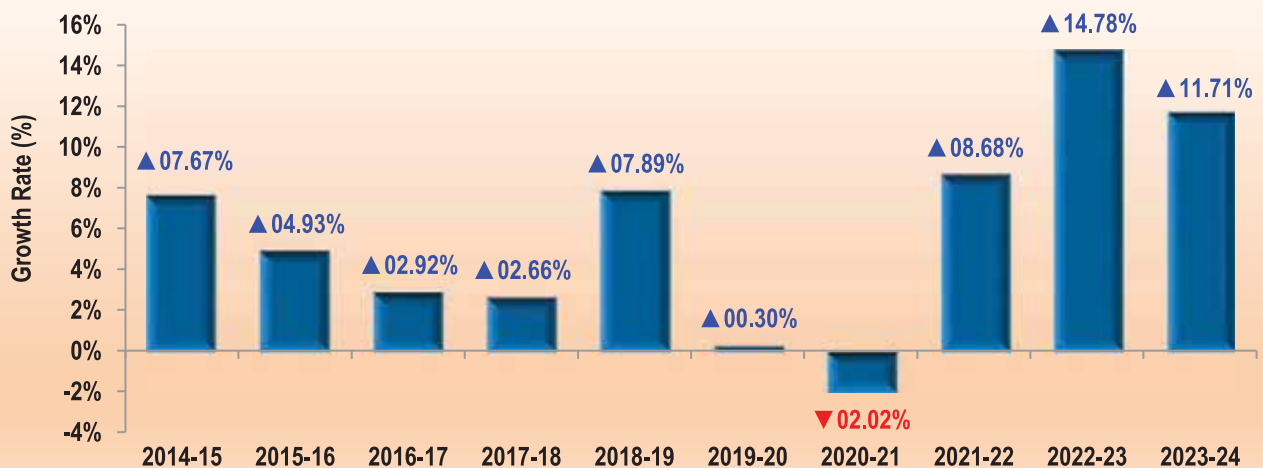
SECL is excluding GP IV/2&3

Table 3.1: Production of Raw Coal and Lignite in Last Ten Years

(Qty. in MT)

Year	Raw Coal			Lignite			Total Solid Fossil Fuel	
	Quantity	Share in Total Solid Fossil Fuel (%)	Growth over Previous Year (%)	Quantity	Share in Total Solid Fossil Fuel (%)	Growth over Previous Year (%)	Quantity	Growth over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2014-15	609.179	92.66	▲ 07.67%	48.270	7.34	▲ 09.03%	657.449	▲ 07.77%
2015-16	639.230	93.58	▲ 04.93%	43.842	6.42	▼ 09.17%	683.072	▲ 03.90%
2016-17	657.868	93.57	▲ 02.92%	45.230	6.43	▲ 03.17%	703.098	▲ 02.93%
2017-18	675.400	93.54	▲ 02.66%	46.644	6.46	▲ 03.13%	722.044	▲ 02.69%
2018-19	728.718	94.27	▲ 07.89%	44.283	5.73	▼ 05.06%	773.001	▲ 07.06%
2019-20	730.874	94.55	▲ 00.30%	42.096	5.45	▼ 04.94%	772.970	▼ 00.00%
2020-21	716.083	94.97	▼ 02.02%	37.895	5.03	▼ 09.98%	753.978	▼ 02.46%
2021-22	778.210	94.25	▲ 08.68%	47.492	5.75	▲ 25.33%	825.703	▲ 09.51%
2022-23	893.191	95.30	▲ 14.78%	44.029	4.70	▼ 07.29%	937.220	▲ 13.51%
2023-24	997.826	95.88	▲ 11.71%	42.921	4.12	▼ 02.52%	1040.747	▲ 11.05%

Growth of Raw Coal over Previous Years



Growth of Lignite over Previous Years

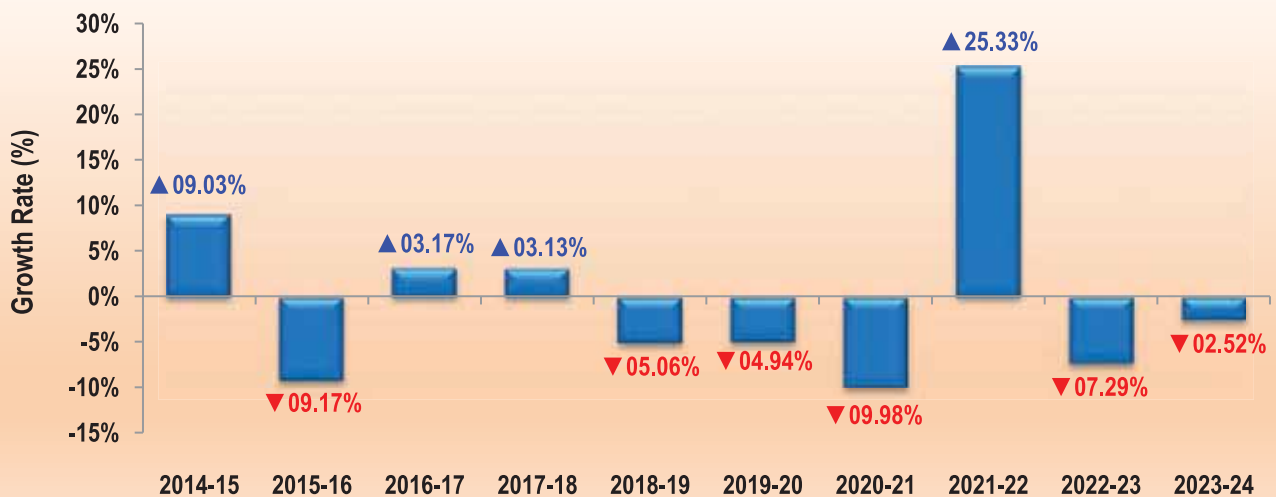


Table 3.2 : Production of Different type of Raw Coal in last Ten Years

(Qty. in MT)

Year	Coking Coal									Non-Coking Coal			Total Raw Coal	
	Metallurgical Coal			Non-Metallurgical Coal			Total Coking Coal			Quantity	Share in Total Raw Coal (%)	Growth over Previous Year (%)	Quantity	Growth over Previous Year (%)
	Quantity	Share in Coking Coal (%)	Growth over Previous Year (%)	Quantity	Share in Coking Coal (%)	Growth over Previous Year (%)	Quantity	Share in Total Raw Coal (%)	Growth over Previous Year (%)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2014-15	13.784	23.99	▼ 08.80%	43.662	76.01	▲ 04.69%	57.446	9.43	▲ 01.11%	551.733	90.57	▲ 08.41%	609.179	▲ 07.67%
2015-16	14.339	23.55	▲ 04.03%	46.548	76.45	▲ 06.61%	60.887	9.53	▲ 05.99%	578.343	90.47	▲ 04.82%	639.230	▲ 04.93%
2016-17	15.254	24.74	▲ 06.38%	46.407	75.26	▼ 00.30%	61.661	9.37	▲ 01.27%	596.207	90.63	▲ 03.09%	657.868	▲ 02.92%
2017-18	33.884	84.40	▲ 122.13%	6.264	15.60	▼ 86.50%	40.148	5.94	▼ 34.89%	635.252	94.06	▲ 06.55%	675.400	▲ 02.66%
2018-19	35.084	85.30	▲ 03.54%	6.048	14.70	▼ 03.45%	41.132	5.64	▲ 02.45%	687.586	94.36	▲ 08.24%	728.718	▲ 07.89%
2019-20	35.451	66.97	▲ 01.05%	17.485	33.03	▲ 189.10%	52.936	7.24	▲ 28.70%	677.938	92.76	▼ 01.40%	730.874	▲ 00.30%
2020-21	32.276	72.07	▼ 08.96%	12.511	27.93	▼ 28.45%	44.787	6.25	▼ 15.39%	671.296	93.75	▼ 00.98%	716.083	▼ 02.02%
2021-22	36.907	71.38	▲ 14.35%	14.795	28.62	▲ 18.26%	51.702	6.64	▲ 15.44%	726.508	93.36	▲ 08.22%	778.210	▲ 08.68%
2022-23	43.365	71.37	▲ 17.50%	17.394	28.63	▲ 17.57%	60.759	6.80	▲ 17.52%	832.432	93.20	▲ 14.58%	893.191	▲ 14.78%
2023-24	49.419	73.96	▲ 13.96%	17.402	26.04	▲ 00.05%	66.821	6.70	▲ 09.98%	931.005	93.30	▲ 11.84%	997.826	▲ 11.71%

Note: The huge growth (122.1%) of Metallurgical Coal in 2017-18 over previous year was due to BCCL's contribution of 22,286 million tonnes of Metallurgical Coal in 2017-18.

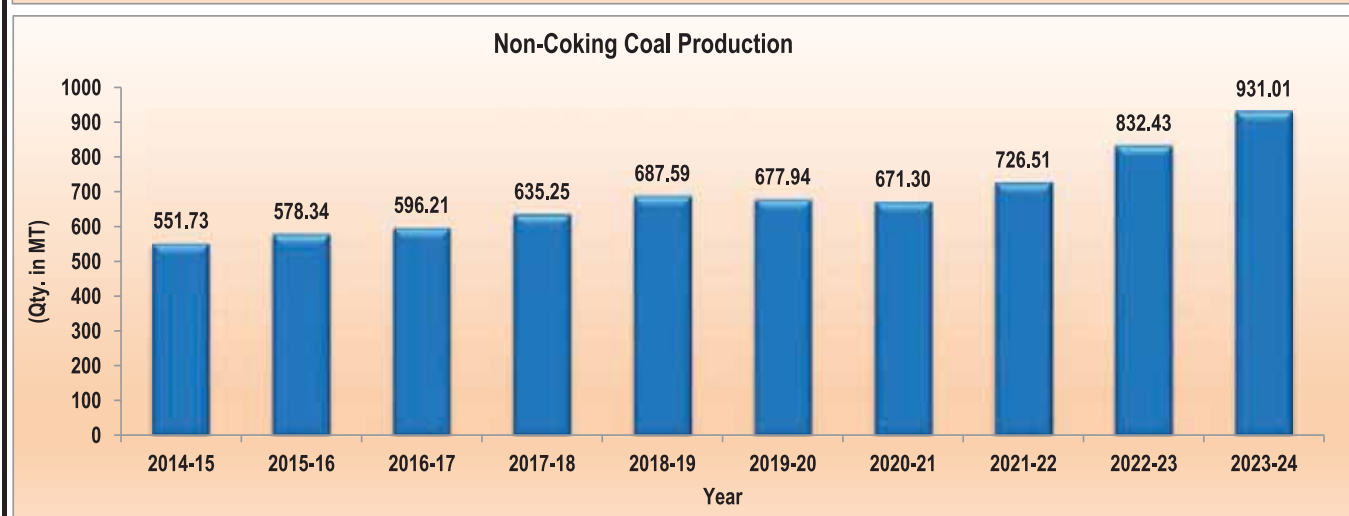
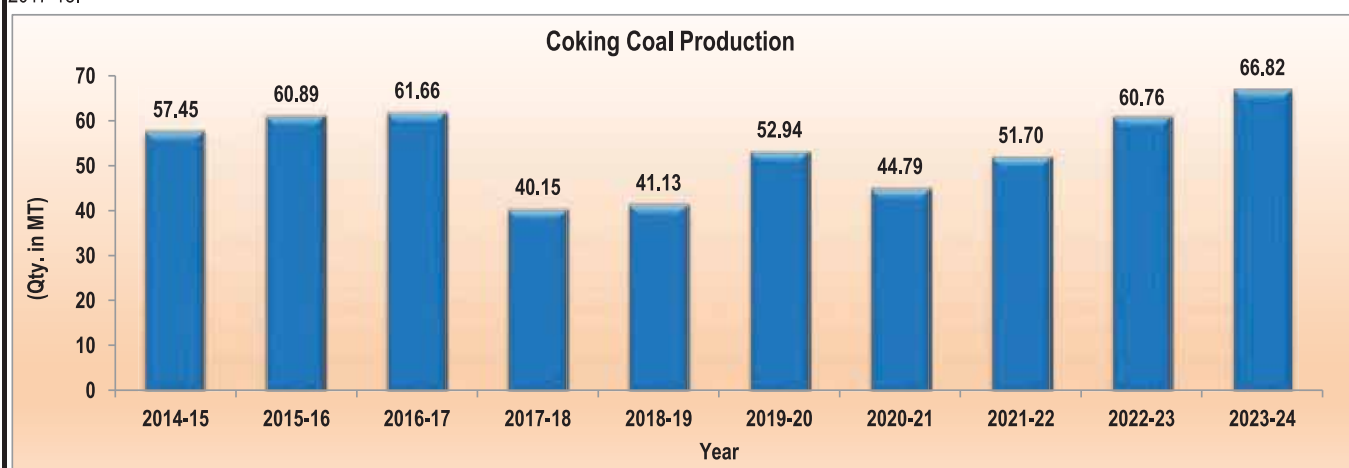


Table 3.3 : Production of Different type of Coal Products in last Ten Years

(Qty. in MT)

Year	Washed Coal (Coking)		Washed Coal (Non-Coking)		Middlings (Coking)		Middlings (Non-Coking)	
	Quantity	Growth over Previous Year (%)	Quantity	Growth over Previous Year (%)	Quantity	Growth over Previous Year (%)	Quantity	Growth over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2014-15	6.070	▼ 08.22%	17.294	▲ 10.16%	4.750	▼ 03.32%	3.742	▼ 04.69%
2015-16	6.182	▲ 01.85%	17.119	▼ 01.01%	5.525	▲ 16.32%	0.000	▼ 100.00%
2016-17	6.414	▲ 03.75%	20.274	▲ 18.43%	4.598	▼ 16.78%	0.000	
2017-18	5.753	▼ 10.31%	13.999	▼ 30.95%	3.670	▼ 20.18%	0.000	
2018-19	5.570	▼ 03.18%	19.363	▲ 38.32%	3.502	▼ 04.58%	0.000	
2019-20	5.285	▼ 05.12%	18.903	▼ 02.38%	3.547	▲ 01.28%	0.000	
2020-21	4.903	▼ 07.23%	18.433	▼ 02.49%	3.623	▲ 02.14%	0.006	
2021-22	4.701	▼ 04.12%	17.636	▼ 04.32%	2.442	▼ 32.59%	1.764	▲ 29296.35%
2022-23	5.310	▲ 12.95%	16.244	▼ 07.89%	3.770	▲ 54.35%	2.143	▲ 21.50%
2023-24	5.397	▲ 01.64%	11.716	▼ 27.87%	6.193	▲ 64.27%	0.691	▼ 67.76%

Washed Coal Production (Coking & Non Coking)



Middling Production (Coking & Non Coking)



1. The above figures are related to Washeries (public & private) of only coal producing companies.

Table 3.4 : Quarterly Production of different type of Coal and Lignite in last Three Years

(Qty. in MT)

Year & Quarter	Coking Coal			Non Coking Coal			Raw Coal			Lignite		
	Quantity	Growth*	Share**	Quantity	Growth*	Share**	Quantity	Growth*	Share**	Quantity	Growth*	Share**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2021-22												
1 st Quarter	10.061	▲ 14.24%	19.46	146.049	▲ 07.71%	20.10	156.110	▲ 08.11%	20.06	10.060	▲ 10.73%	21.18
2 nd Quarter	10.272	▲ 06.69%	19.87	149.618	▲ 16.54%	20.59	159.890	▲ 15.85%	20.55	11.132	▲ 60.13%	23.44
3 rd Quarter	12.649	▲ 01.58%	24.47	194.132	▲ 09.70%	26.72	206.781	▲ 09.16%	26.57	10.892	▲ 22.96%	22.93
4 th Quarter	18.720	▲ 34.69%	36.21	236.709	▲ 02.76%	32.58	255.429	▲ 04.58%	32.82	15.408	▲ 18.53%	32.44
All India	51.702	▲ 15.44%	100.00	726.508	▲ 08.22%	100.00	778.210	▲ 08.68%	100.00	47.492	▲ 25.33%	100.00
2022-23												
1 st Quarter	12.832	▲ 27.54%	21.12	192.939	▲ 32.11%	23.18	205.771	▲ 31.81%	23.04	12.456	▲ 23.82%	28.29
2 nd Quarter	12.826	▲ 24.86%	21.11	163.572	▲ 09.33%	19.65	176.398	▲ 10.32%	19.75	8.924	▼ 19.84%	20.27
3 rd Quarter	16.078	▲ 27.11%	26.46	210.348	▲ 08.35%	25.27	226.426	▲ 09.50%	25.35	10.009	▼ 08.10%	22.73
4 th Quarter	19.023	▲ 01.62%	31.31	265.573	▲ 12.19%	31.90	284.596	▲ 11.42%	31.86	12.640	▼ 17.97%	28.71
All India	60.759	▲ 17.52%	100.00	832.432	▲ 14.58%	100.00	893.191	▲ 14.78%	100.00	44.029	▼ 07.29%	100.00
2023-24												
1 st Quarter	15.048	▲ 17.27%	22.52	208.715	▲ 08.18%	22.42	223.763	▲ 08.74%	22.43	9.933	▼ 20.26%	23.14
2 nd Quarter	14.498	▲ 13.04%	21.70	190.095	▲ 16.21%	20.42	204.593	▲ 15.98%	20.50	8.910	▼ 00.16%	20.76
3 rd Quarter	16.525	▲ 02.78%	24.73	239.595	▲ 13.90%	25.74	256.120	▲ 13.11%	25.67	10.753	▲ 07.43%	25.05
4 th Quarter	20.750	▲ 09.08%	31.05	292.600	▲ 10.18%	31.43	313.350	▲ 10.10%	31.40	13.325	▲ 05.42%	31.05
All India	66.821	▲ 09.98%	100.00	931.005	▲ 11.84%	100.00	997.826	▲ 11.71%	100.00	42.921	▼ 02.52%	100.00

Note: (1) *Growth (%) is calculated over similar period of last year.

(2) **Share (%) is calculated as ratio of yearly production.

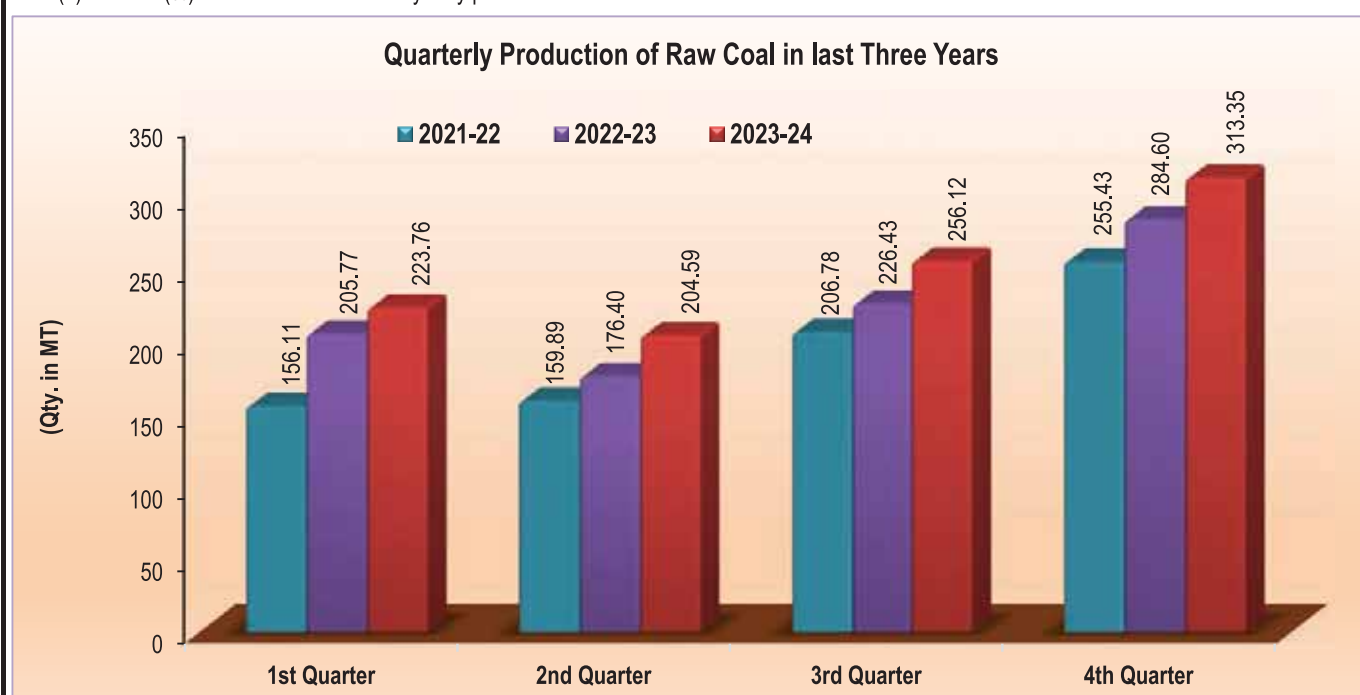


Table 3.5 : Quarterly Production of different type of Coal Products in last Three Years

(Qty. in MT)

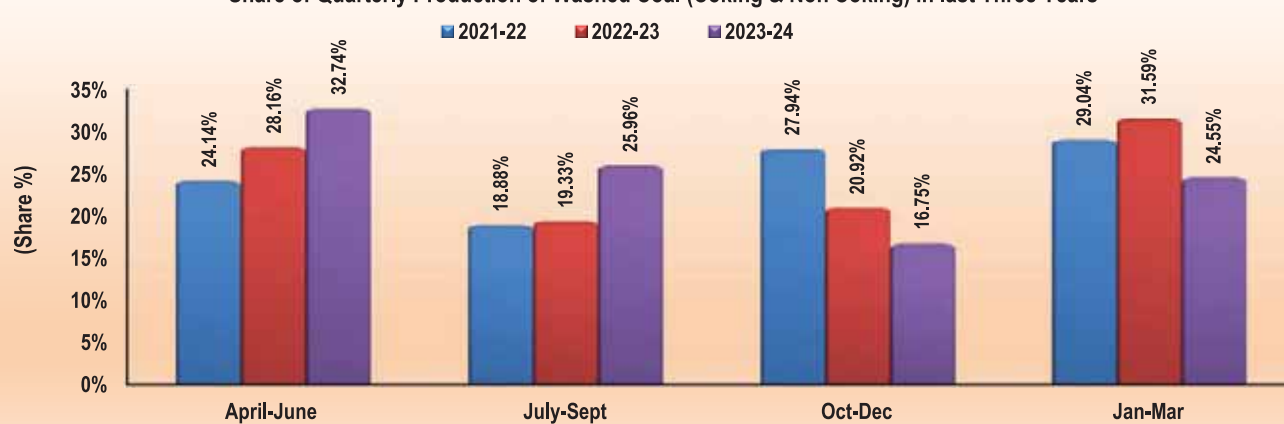
Year & Quarter	Washed Coal (Coking)			Washed Coal (Non-coking)			Middling (Coking)			Middling (Non-Coking)		
	Quantity	Growth*	Share**	Quantity	Growth*	Share**	Quantity	Growth*	Share**	Quantity	Growth*	Share**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2021-22												
1 st Quarter	1.030	▼ 17.67%	21.910	4.362	▲ 78.47%	24.732	0.595	▼ 30.13%	24.345	0.395	▲ 13065.40%	22.393
2 nd Quarter	1.249	▲ 01.22%	26.569	2.967	▼ 37.70%	16.826	0.530	▼ 37.19%	21.680	0.309	▲ 10208.03%	17.533
3 rd Quarter	1.162	▼ 09.57%	24.718	5.080	▼ 03.44%	28.804	0.576	▼ 45.27%	23.574	0.459	▲ 100.00%	26.031
4 th Quarter	1.260	▲ 11.21%	26.803	5.227	▼ 12.37%	29.639	0.743	▼ 15.33%	30.402	0.600	▲ 100.00%	34.043
All India	4.701	▼ 04.12%	100.00	17.636	▼ 04.32%	100.00	2.442	▼ 32.59%	100.00	1.764	▲ 29296.35%	100.00
2022-23												
1 st Quarter	1.151	▲ 11.75%	21.676	4.918	▲ 12.75%	30.276	0.765	▲ 28.66%	20.292	0.561	▲ 42.04%	26.178
2 nd Quarter	1.178	▼ 05.68%	22.185	2.988	▲ 00.69%	18.394	0.827	▲ 56.18%	21.936	0.377	▲ 21.91%	17.592
3 rd Quarter	1.453	▲ 25.04%	27.363	3.057	▼ 39.82%	18.819	1.006	▲ 74.72%	26.684	0.549	▲ 19.57%	25.618
4 th Quarter	1.528	▲ 21.27%	28.776	5.281	▲ 01.03%	32.510	1.172	▲ 57.84%	31.088	0.656	▲ 09.25%	30.611
All India	5.310	▲ 12.95%	100.00	16.244	▼ 07.89%	100.00	3.770	▲ 54.35%	100.00	2.143	▲ 21.50%	100.00
2023-24												
1 st Quarter	1.324	▲ 15.03%	24.532	4.279	▼ 12.99%	36.523	1.393	▲ 82.09%	22.493	0.143	▼ 74.51%	20.695
2 nd Quarter	1.253	▲ 06.37%	23.217	3.189	▲ 06.73%	27.219	1.428	▲ 72.67%	23.058	0.137	▼ 63.66%	19.826
3 rd Quarter	1.361	▼ 06.33%	25.218	1.506	▼ 50.74%	12.854	1.545	▲ 53.58%	24.948	0.170	▼ 69.03%	24.602
4 th Quarter	1.459	▼ 04.52%	27.034	2.742	▼ 48.08%	23.404	1.827	▲ 55.89%	29.501	0.241	▼ 63.26%	34.877
All India	5.397	▲ 01.64%	100.00	11.716	▼ 27.87%	100.00	6.193	▲ 64.27%	100.00	0.691	▼ 67.76%	100.00

Note: (1) *Growth (%) is calculated over similar period of last year.

(2) **Share (%) is calculated as ratio of yearly production.

(3) The above figures are related to Washeries (public & private) of only coal producing companies.

Share of Quarterly Production of Washed Coal (Coking & Non-Coking) in last Three Years



Share of Quarterly Production of Middlings (Coking & Non-Coking) in last Three Years

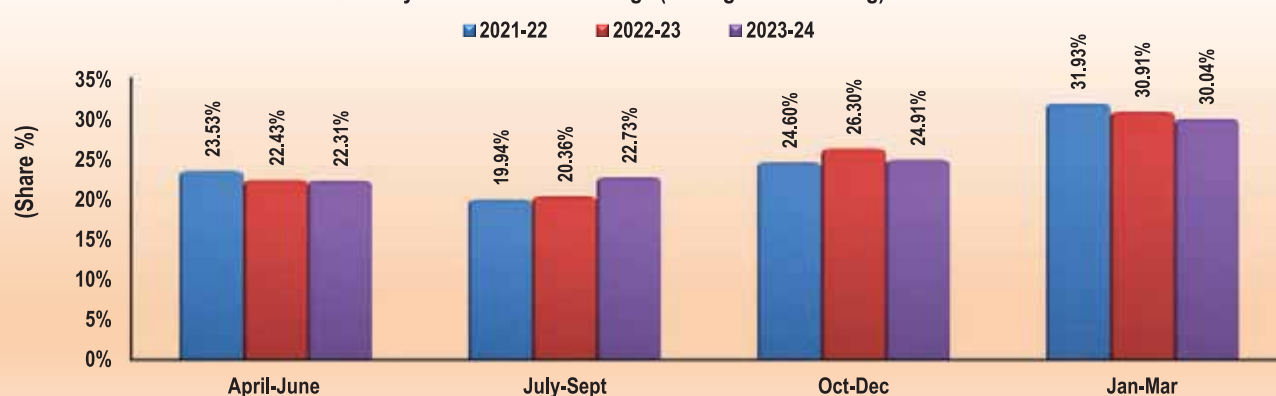


Table 3.6 : Month Wise Production of different type of Raw Coal and Lignite during 2023-24

(Qty. in MT)

Month	Coking Coal			Non-Coking Coal			Total Raw Coal			Lignite		
	Quantity	Growth*	Share**	Quantity	Growth*	Share**	Quantity	Growth*	Share**	Quantity	Growth*	Share**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-23	4.891	▲ 18.20%	7.32	68.533	▲ 08.67%	7.36	73.424	▲ 09.26%	7.36	3.189	▼ 10.92%	7.43
May-23	5.202	▲ 23.65%	7.78	71.210	▲ 06.28%	7.65	76.412	▲ 07.31%	7.66	3.500	▼ 17.80%	8.15
Jun-23	4.955	▲ 10.43%	7.42	68.972	▲ 09.71%	7.41	73.927	▲ 09.75%	7.41	3.244	▼ 29.75%	7.56
1st Quarter	15.048	▲ 17.27%	22.52	208.715	▲ 08.18%	22.42	223.763	▲ 08.74%	22.43	9.933	▼ 20.26%	23.14
Jul-23	5.029	▲ 14.37%	7.53	64.551	▲ 15.47%	6.93	69.580	▲ 15.39%	6.97	3.252	▼ 00.55%	7.58
Aug-23	4.780	▲ 15.15%	7.15	62.974	▲ 16.81%	6.76	67.754	▲ 16.69%	6.79	2.754	▼ 05.72%	6.42
Sep-23	4.689	▲ 09.61%	7.02	62.570	▲ 16.40%	6.72	67.259	▲ 15.90%	6.74	2.904	▲ 06.26%	6.77
2nd Quarter	14.498	▲ 13.04%	21.70	190.095	▲ 16.21%	20.42	204.593	▲ 15.98%	20.50	8.910	▼ 00.16%	20.76
Oct-23	4.996	▲ 06.39%	7.48	73.576	▲ 19.38%	7.90	78.572	▲ 18.46%	7.87	3.450	▲ 04.07%	8.04
Nov-23	5.641	▲ 01.42%	8.44	78.919	▲ 11.78%	8.48	84.560	▲ 11.02%	8.47	3.322	▲ 02.82%	7.74
Dec-23	5.888	▲ 01.17%	8.81	87.100	▲ 11.51%	9.36	92.988	▲ 10.79%	9.32	3.981	▲ 14.96%	9.28
3rd Quarter	16.525	▲ 02.78%	24.73	239.595	▲ 13.90%	25.74	256.120	▲ 13.11%	25.67	10.753	▲ 07.43%	25.05
Jan-24	6.395	▲ 11.10%	9.57	93.673	▲ 10.64%	10.06	100.068	▲ 10.67%	10.03	4.111	▲ 03.16%	9.58
Feb-24	6.437	▲ 08.44%	9.63	90.169	▲ 12.11%	9.69	96.606	▲ 11.85%	9.68	4.164	▲ 02.76%	9.70
Mar-24	7.918	▲ 08.01%	11.85	108.758	▲ 08.24%	11.68	116.676	▲ 08.22%	11.69	5.050	▲ 09.71%	11.77
4th Quarter	20.750	▲ 09.08%	31.05	292.600	▲ 10.18%	31.43	313.350	▲ 10.10%	31.40	13.325	▲ 05.42%	31.05
All India	66.821	▲ 09.98%	100.00	931.005	▲ 11.84%	100.00	997.826	▲ 11.71%	100.00	42.921	▼ 02.52%	100.00

Note: (1) *Growth (%) is calculated over similar period of last year. (2) **Share (%) is calculated as ratio of yearly production.

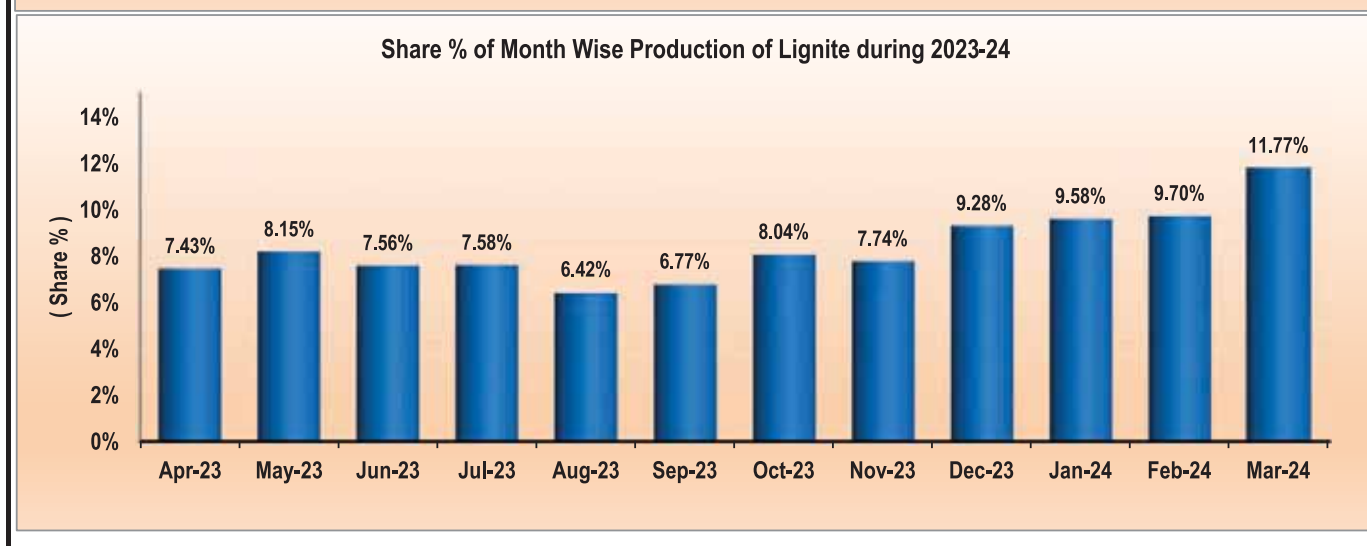
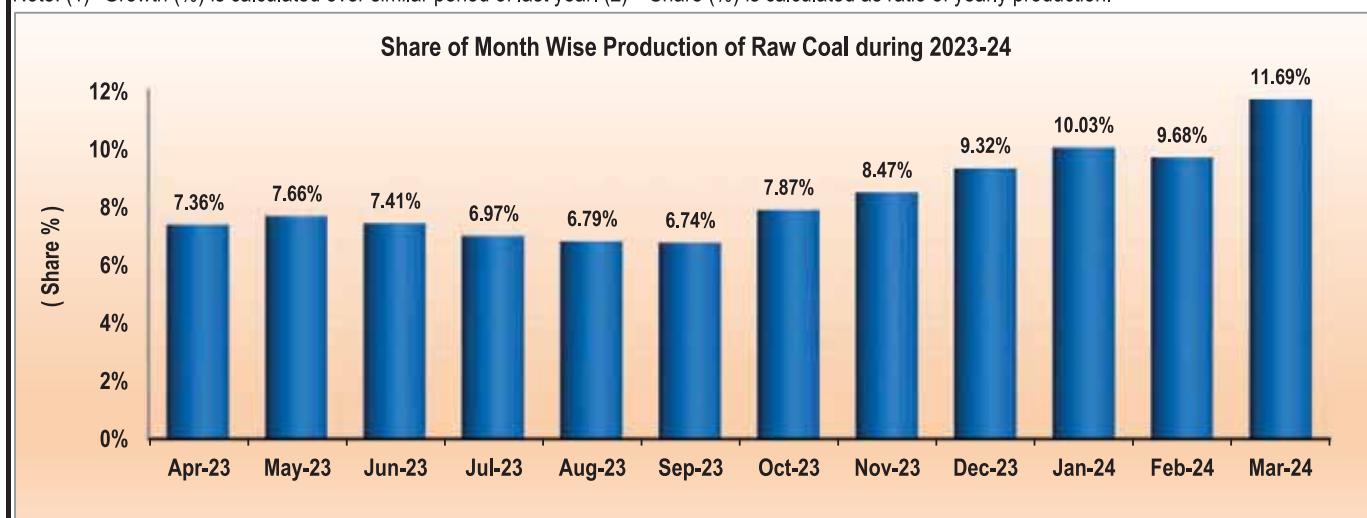
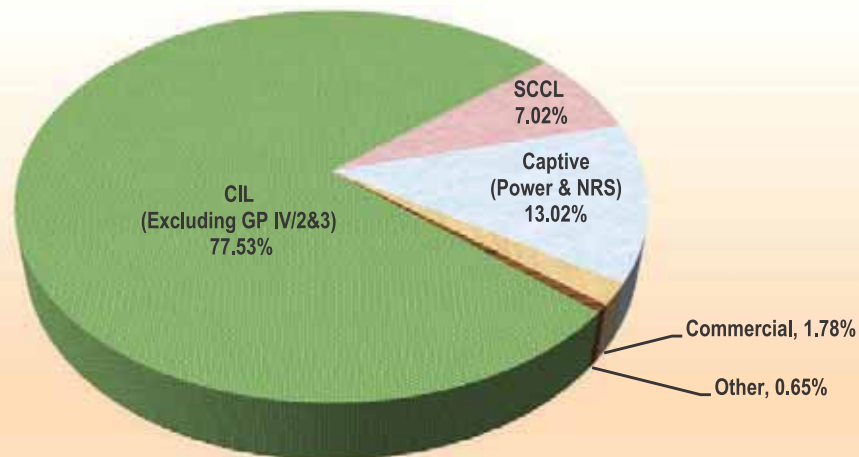


Table 3.7 : Month Wise Raw Coal Production CIL, SCCL, Captive, Commercial & Others during 2023-24

(Qty. in MT)

Month	CIL (Excluding GP IV/2&3)		SCCL		Captive (Power & NRS)		Commercial		Other		All India	
	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
April	57.572	78.41%	5.574	7.59%	8.707	11.86%	1.058	1.44%	0.513	0.70%	73.424	▲ 09.26%
May	59.943	78.45%	5.872	7.68%	8.938	11.70%	1.103	1.44%	0.556	0.73%	76.412	▲ 07.31%
June	57.961	78.40%	5.654	7.65%	9.043	12.23%	0.792	1.07%	0.477	0.65%	73.927	▲ 09.75%
July	53.675	77.14%	4.298	6.18%	9.990	14.36%	1.059	1.52%	0.558	0.80%	69.580	▲ 15.39%
August	52.309	77.20%	5.016	7.40%	8.874	13.10%	1.085	1.60%	0.470	0.69%	67.754	▲ 16.69%
September	51.440	76.48%	4.904	7.29%	9.293	13.82%	1.102	1.64%	0.520	0.77%	67.259	▲ 15.90%
October	61.071	77.73%	5.787	7.37%	9.576	12.19%	1.623	2.07%	0.515	0.66%	78.572	▲ 18.46%
November	66.029	78.09%	6.084	7.19%	10.305	12.19%	1.587	1.88%	0.555	0.66%	84.560	▲ 11.02%
December	71.894	77.32%	6.472	6.96%	12.330	13.26%	1.735	1.87%	0.557	0.60%	92.988	▲ 10.79%
January	78.413	78.36%	6.639	6.63%	12.686	12.68%	1.726	1.72%	0.604	0.60%	100.068	▲ 10.67%
February	74.760	77.39%	6.421	6.65%	13.421	13.89%	1.431	1.48%	0.573	0.59%	96.606	▲ 11.85%
March	88.579	75.92%	7.300	6.26%	16.800	14.40%	3.421	2.93%	0.576	0.49%	116.676	▲ 08.22%
Total	773.646	77.53%	70.021	7.02%	129.963	13.02%	17.722	1.78%	6.474	0.65%	997.826	▲ 11.71%

Share of Raw Coal Production CIL, SCCL, Captive, Commercial & Others during 2023-24



Share of Month Wise Production of Raw Coal during 2023-24

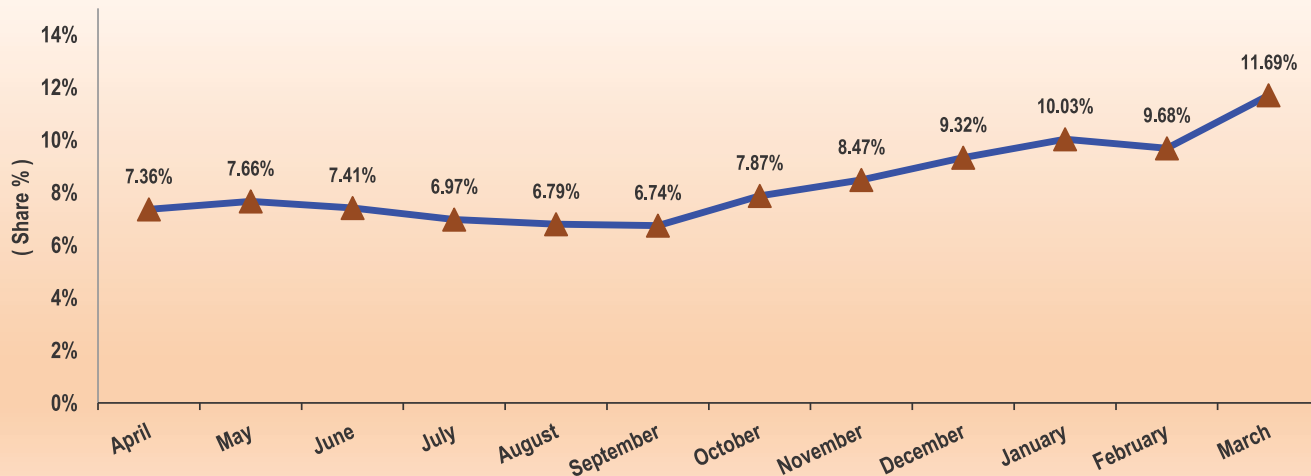


Table 3.8: Month Wise Production of different type of Coal Products during 2023-24

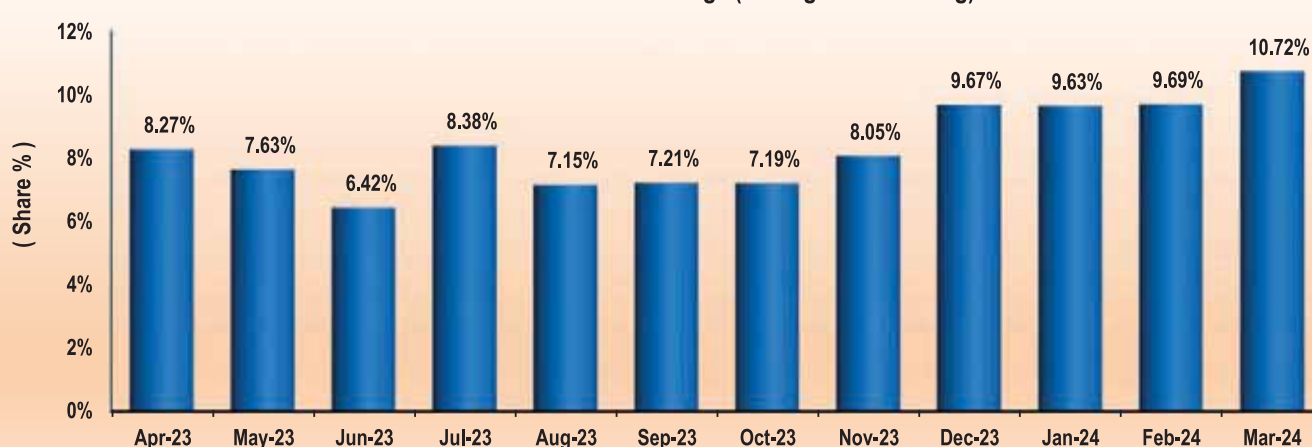
(Qty. in MT)

Month	Washed Coal(Coking)			Washed Coal(N-coking)			Middlings(Coking)			Middlings(N-coking)		
	Quantity	Growth*	Share**	Quantity	Growth*	Share**	Quantity	Growth*	Share**	Quantity	Growth*	Share**
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-23	0.452	▲ 09.44%	8.38	1.449	▼ 00.07%	12.37	0.515	▲ 84.59%	8.32	0.054	▼ 67.07%	7.81
May-23	0.454	▲ 25.07%	8.41	1.486	▼ 18.93%	12.68	0.471	▲ 103.90%	7.61	0.054	▼ 71.12%	7.81
Jun-23	0.418	▲ 11.47%	7.75	1.344	▼ 17.80%	11.47	0.407	▲ 59.61%	6.57	0.035	▼ 83.33%	5.07
1 st Quarter	1.324	▲ 15.03%	24.53	4.279	▼ 12.99%	36.52	1.393	▲ 82.09%	22.49	0.143	▼ 74.51%	20.69
Jul-23	0.453	▲ 05.35%	8.39	1.332	▼ 15.75%	11.37	0.533	▲ 83.16%	8.61	0.044	▼ 71.43%	6.37
Aug-23	0.392	▲ 10.11%	7.26	0.931	▲ 00.98%	7.95	0.443	▲ 89.32%	7.15	0.049	▼ 62.88%	7.09
Sep-23	0.408	▲ 04.08%	7.56	0.926	▲ 90.93%	7.90	0.452	▲ 49.67%	7.30	0.044	▼ 51.65%	6.37
2 nd Quarter	1.253	▲ 06.37%	23.22	3.189	▲ 06.73%	27.22	1.428	▲ 72.67%	23.06	0.137	▼ 63.66%	19.83
Oct-23	0.443	▲ 07.79%	8.21	0.577	▼ 14.01%	4.92	0.434	▲ 69.53%	7.01	0.061	▼ 59.87%	8.83
Nov-23	0.457	▼ 10.92%	8.47	0.518	▼ 50.29%	4.42	0.506	▲ 36.76%	8.17	0.048	▼ 74.74%	6.95
Dec-23	0.461	▼ 12.85%	8.54	0.411	▼ 69.42%	3.51	0.605	▲ 59.21%	9.77	0.061	▼ 70.53%	8.83
3 rd Quarter	1.361	▼ 06.33%	25.22	1.506	▼ 50.74%	12.85	1.545	▲ 53.58%	24.95	0.170	▼ 69.03%	24.60
Jan-24	0.468	▼ 12.03%	8.67	0.642	▼ 55.10%	5.48	0.574	▲ 54.72%	9.27	0.089	▼ 55.28%	12.88
Feb-24	0.491	▼ 00.41%	9.10	0.839	▼ 55.47%	7.16	0.588	▲ 56.80%	9.49	0.079	▼ 64.41%	11.43
Mar-24	0.500	▼ 00.60%	9.26	1.261	▼ 35.89%	10.76	0.665	▲ 56.10%	10.74	0.073	▼ 68.94%	10.56
4 th Quarter	1.459	▼ 04.52%	27.03	2.742	▼ 48.08%	23.40	1.827	▲ 55.89%	29.50	0.241	▼ 63.26%	34.88
All India	5.397	▲ 01.64%	100.00	11.716	▼ 27.87%	100.00	6.193	▲ 64.27%	100.00	0.691	▼ 67.76%	100.00

Share of Month Wise Production of Washed Coal (Coking & Non-coking) in 2023-24



Share of Month Wise Production of Middlings (Coking & Non-coking) in 2023-24



Note: (1) *Growth (%) is calculated over similar period of last year. (2) **Share (%) is calculated as ratio of yearly production.

Table 3.9 : State Wise Raw Coal Production in last Ten Years

(Qty. in MT)

Year	Assam			Chhattisgarh			Jammu & Kashmir		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2014-15	0.779	0.13	▲ 17.32%	134.764	22.12	▲ 06.03%	0.013	0.00	▼ 31.58%
2015-16	0.487	0.08	▼ 37.48%	130.605	20.43	▼ 03.09%	0.013	0.00	▲ 00.00%
2016-17	0.600	0.09	▲ 23.20%	138.525	21.06	▲ 06.06%	0.010	0.00	▼ 23.08%
2017-18	0.781	0.12	▲ 30.17%	142.546	21.11	▲ 02.90%	0.014	0.00	▲ 40.00%
2018-19	0.784	0.11	▲ 00.38%	161.893	22.22	▲ 13.57%	0.013	0.00	▼ 07.14%
2019-20	0.517	0.07	▼ 34.06%	157.745	21.58	▼ 02.56%	0.014	0.00	▲ 07.69%
2020-21	0.036	0.01	▼ 93.04%	158.410	22.12	▲ 00.42%	0.010	0.00	▼ 28.57%
2021-22	0.028	0.00	▼ 22.22%	154.120	19.80	▼ 02.71%	0.011	0.00	▲ 10.00%
2022-23	0.200	0.02	▲ 614.29%	184.895	20.70	▲ 19.97%	0.010	0.00	▼ 09.09%
2023-24	0.200	0.02	▲ 00.00%	207.255	20.77	▲ 12.09%	0.008	0.00	▼ 20.00%
Year	Jharkhand			Madhya Pradesh			Maharashtra		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2014-15	124.143	20.38	▲ 09.77%	87.609	14.38	▲ 15.90%	38.257	6.28	▲ 02.78%
2015-16	121.067	18.94	▼ 02.48%	107.714	16.85	▲ 22.95%	38.351	6.00	▲ 00.25%
2016-17	126.435	19.22	▲ 04.43%	105.013	15.96	▼ 02.51%	40.559	6.17	▲ 05.76%
2017-18	123.297	18.26	▼ 02.48%	112.127	16.60	▲ 06.77%	42.219	6.25	▲ 04.09%
2018-19	134.666	18.48	▲ 09.22%	118.661	16.28	▲ 05.83%	49.818	6.84	▲ 18.00%
2019-20	131.763	18.03	▼ 02.16%	125.726	17.20	▲ 05.95%	54.746	7.49	▲ 09.89%
2020-21	123.428	17.24	▼ 06.33%	132.531	18.51	▲ 05.41%	47.435	6.62	▼ 13.35%
2021-22	130.104	16.72	▲ 05.41%	137.975	17.73	▲ 04.11%	56.528	7.26	▲ 19.17%
2022-23	156.483	17.52	▲ 20.28%	146.029	16.35	▲ 05.84%	63.620	7.12	▲ 12.55%
2023-24	191.158	19.16	▲ 22.16%	159.228	15.96	▲ 09.04%	69.282	6.94	▲ 08.90%
Year	Meghalaya			Odisha			Telangana		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2014-15	2.524	0.41	▼ 55.97%	123.627	20.29	▲ 09.48%	52.536	8.62	▲ 04.10%
2015-16	3.712	0.58	▲ 47.07%	138.461	21.66	▲ 12.00%	60.38	9.45	▲ 14.93%
2016-17	2.308	0.35	▼ 37.82%	139.359	21.18	▲ 00.65%	61.336	9.32	▲ 01.58%
2017-18	1.529	0.23	▼ 33.75%	143.328	21.22	▲ 02.85%	62.010	9.18	▲ 01.10%
2018-19				144.312	19.80	▲ 00.69%	65.160	8.94	▲ 05.08%
2019-20				143.016	19.57	▼ 00.90%	65.703	8.99	▲ 00.83%
2020-21				154.151	21.53	▲ 07.79%	52.603	7.35	▼ 19.94%
2021-22				185.069	23.78	▲ 20.06%	67.233	8.64	▲ 27.81%
2022-23				218.981	24.52	▲ 18.32%	69.637	7.80	▲ 03.58%
2023-24				239.402	23.99	▲ 09.33%	72.521	7.27	▲ 04.14%

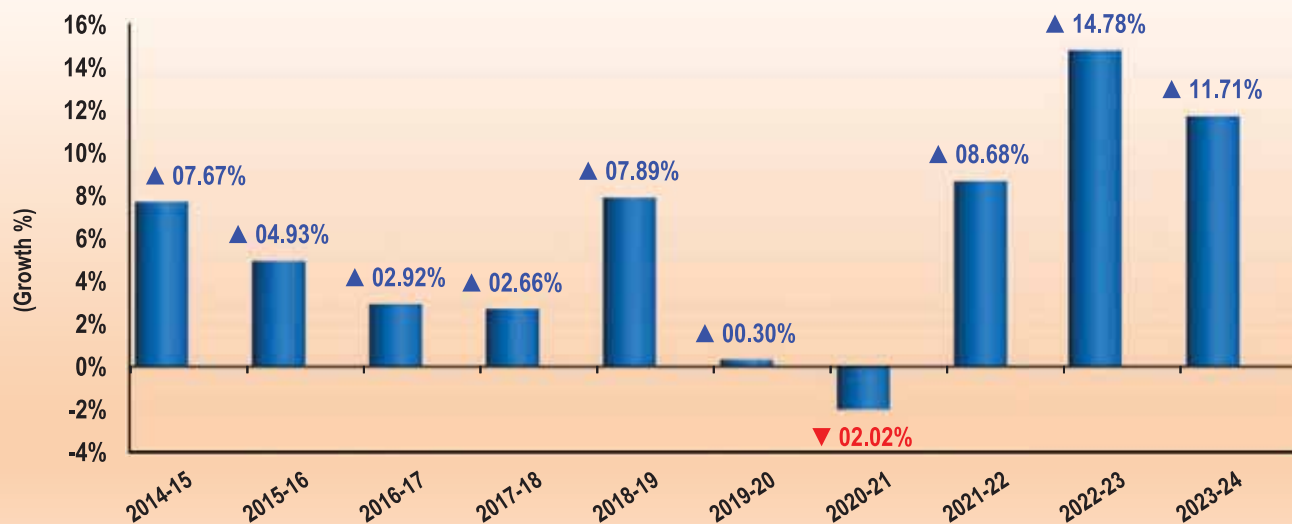
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Table 3.9 : State Wise Raw Coal Production in last Ten Years

(Qty. in MT)

Year	Uttar Pradesh			West Bengal			All India	
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Growth (%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)
2014-15	14.957	2.46	▲ 01.60%	29.97	4.92	▲ 06.11%	609.179	▲ 07.67%
2015-16	12.689	1.99	▼ 15.16%	25.751	4.03	▼ 14.08%	639.230	▲ 04.93%
2016-17	16.056	2.44	▲ 26.53%	27.667	4.21	▲ 07.44%	657.868	▲ 02.92%
2017-18	18.309	2.71	▲ 14.03%	29.240	4.33	▲ 05.69%	675.400	▲ 02.66%
2018-19	20.275	2.78	▲ 10.74%	33.136	4.55	▲ 13.32%	728.718	▲ 07.89%
2019-20	18.030	2.47	▼ 11.07%	33.614	4.60	▲ 01.44%	730.874	▲ 00.30%
2020-21	17.016	2.38	▼ 05.62%	30.463	4.25	▼ 09.37%	716.083	▼ 02.02%
2021-22	18.073	2.32	▲ 06.21%	29.069	3.74	▼ 04.58%	778.210	▲ 08.68%
2022-23	20.540	2.30	▲ 13.65%	32.796	3.67	▲ 12.82%	893.191	▲ 14.78%
2023-24	21.510	2.16	▲ 04.72%	37.262	3.73	▲ 13.62%	997.826	▲ 11.71%

Growth of India Raw Coal Production in last Ten Years



Share of State Wise Raw Coal Production during 2023-24

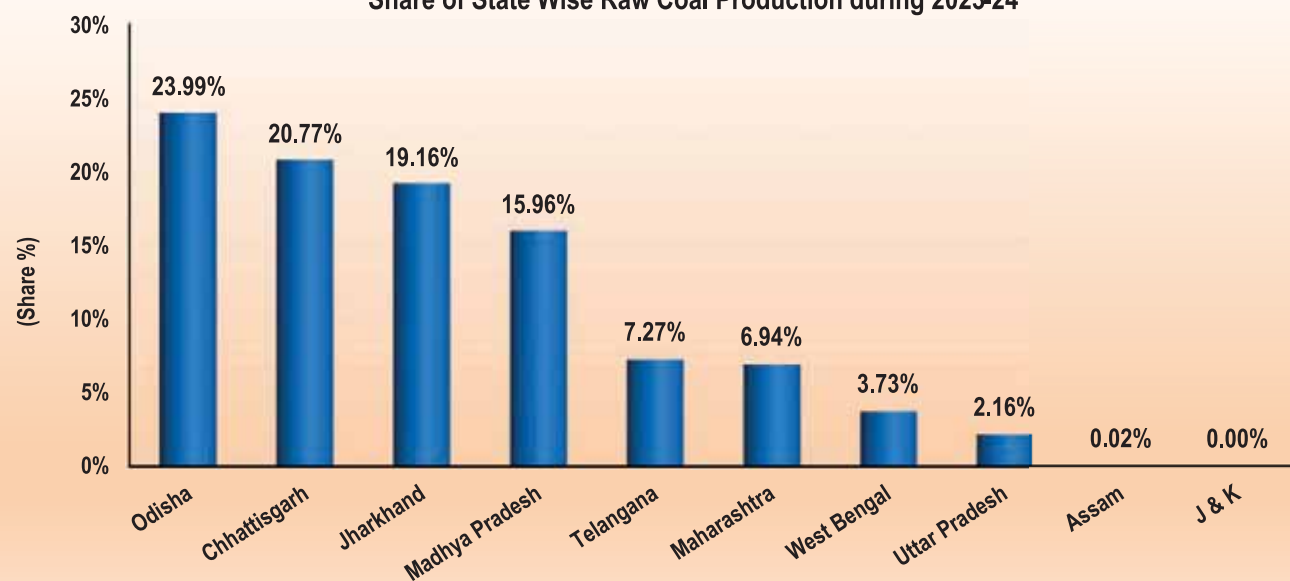


Table 3.10 : State Wise Lignite Production in last Ten Years

(Qty. in MT)

Year	Tamilnadu			Gujarat			Rajasthan		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2014-15	25.190	52.19	▲ 00.53%	12.317	25.52	▲ 06.29%	10.763	22.30	▲ 41.12%
2015-16	24.227	55.26	▼ 03.82%	10.123	23.09	▼ 17.81%	9.492	21.65	▼ 11.81%
2016-17	26.204	57.93	▲ 08.16%	10.546	23.32	▲ 04.18%	8.480	18.75	▼ 10.66%
2017-18	23.569	50.53	▼ 10.06%	13.781	29.55	▲ 30.68%	9.294	19.93	▲ 09.60%
2018-19	23.041	52.03	▼ 02.24%	12.566	28.38	▼ 08.82%	8.676	19.59	▼ 06.65%
2019-20	23.516	55.86	▲ 02.06%	10.357	24.60	▼ 17.58%	8.223	19.53	▼ 05.22%
2020-21	18.026	47.57	▼ 23.35%	10.813	28.53	▲ 04.40%	9.056	23.90	▲ 10.13%
2021-22	23.635	49.77	▲ 31.12%	13.331	28.07	▲ 23.29%	10.526	22.16	▲ 16.23%
2022-23	21.519	48.87	▼ 08.95%	12.313	27.97	▼ 07.64%	10.197	23.16	▼ 03.13%
2023-24	21.580	50.28	▲ 00.28%	11.326	26.39	▼ 08.02%	10.015	23.33	▼ 01.78%

Year	All India	
	Quantity	Growth (%)
(11)	(12)	(13)
2014-15	48.270	▲ 09.03%
2015-16	43.842	▼ 09.17%
2016-17	45.230	▲ 03.17%
2017-18	46.644	▲ 03.13%
2018-19	44.283	▼ 05.06%
2019-20	42.096	▼ 04.94%
2020-21	37.895	▼ 09.98%
2021-22	47.492	▲ 25.33%
2022-23	44.029	▼ 07.29%
2023-24	42.921	▼ 02.52%

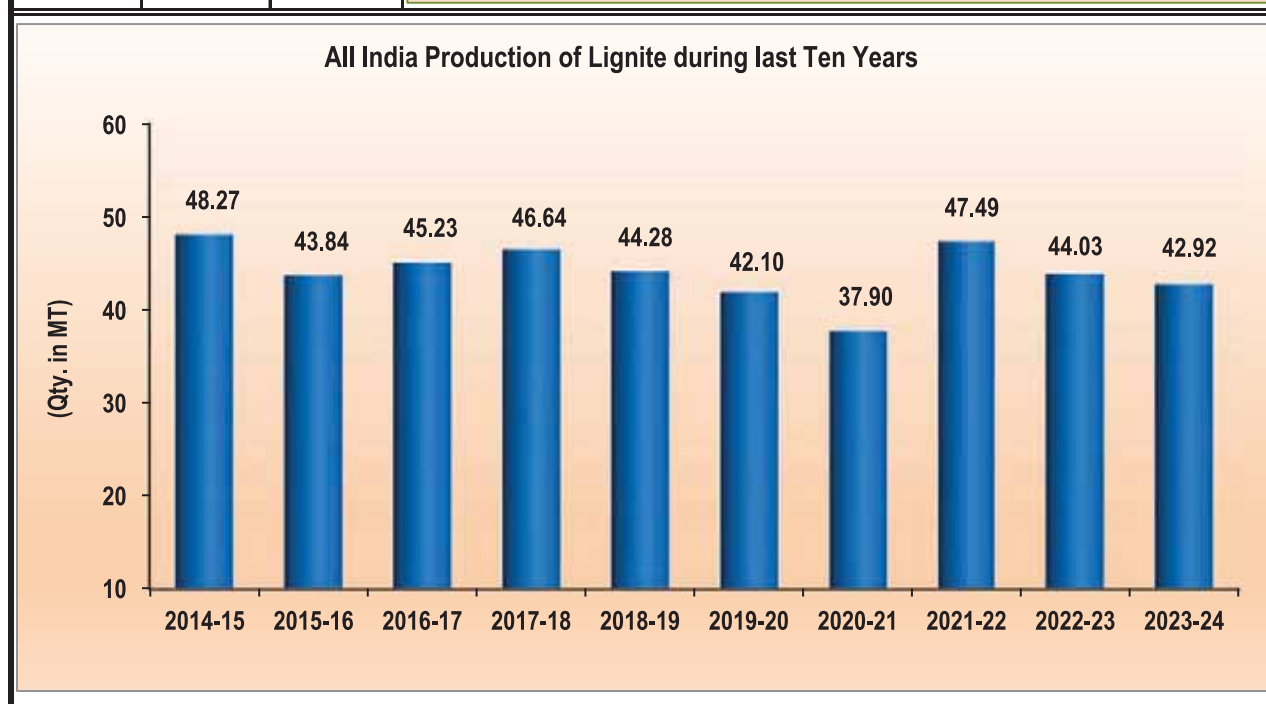
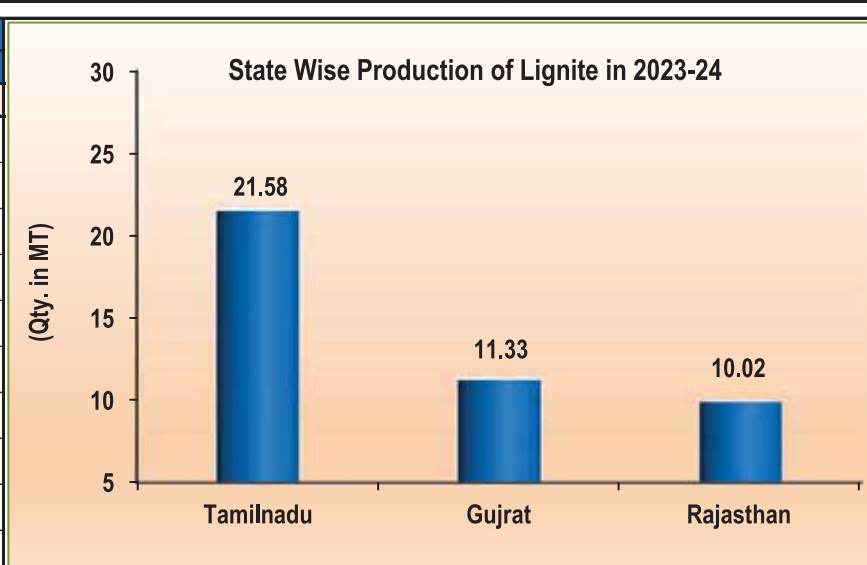


Table 3.11 : Company Wise Production of Coal in last Three Years

(Qty. in MT)

Company	2021-22			2022-23			2023-24		
	Coking	Non-Coking	Total	Coking	Non-Coking	Total	Coking	Non-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	0.014	32.414	32.428	0.007	35.011	35.018	0.012	47.548	47.560
BCCL	29.041	1.470	30.511	33.716	2.463	36.179	39.109	1.987	41.096
CCL	17.164	51.682	68.846	20.554	55.533	76.087	21.060	64.994	86.054
NCL	0.000	122.431	122.431	0.000	131.169	131.169		136.148	136.148
WCL	0.158	57.550	57.708	0.094	64.189	64.283	0.036	69.077	69.113
SECL	0.225	139.376	139.601	0.247	164.708	164.955	0.216	187.160	187.376
SECL(GP-IV/2&3)		2.913	2.913	0.000	2.051	2.051		0.160	0.160
MCL		168.168	168.168	0.000	193.262	193.262		206.099	206.099
NEC		0.028	0.028	0.000	0.200	0.200		0.200	0.200
CIL	46.602	576.031	622.633	54.618	648.586	703.204	60.433	713.373	773.806
SCCL		65.022	65.022		67.137	67.137		70.021	70.021
JKML		0.011	0.011		0.010	0.010		0.008	0.008
DVC			0.000		0.033	0.033		1.520	1.520
IISCO	0.080	0.016	0.096	0.069	0.017	0.086	0.131	0.075	0.206
SAIL	0.340		0.340	0.303		0.303	0.333		0.333
JSMDC		0.050	0.050		0.305	0.305		0.336	0.336
RRVUNL		15.000	15.000		11.801	11.801		6.701	6.701
NTPC		14.024	14.024		23.203	23.203		34.390	34.390
WBPDC		11.386	11.386		18.714	18.714		18.440	18.440
CSPGCL		3.265	3.265		3.617	3.617		4.003	4.003
TGGENCO		2.211	2.211		2.500	2.500		2.500	2.500
OCPL		5.251	5.251		8.000	8.000		8.509	8.509
DPL		0.513	0.513		0.551	0.551		1.000	1.000
NLCIL		6.358	6.358		10.026	10.026		12.641	12.641
KPCL		1.258	1.258		1.608	1.608		2.500	2.500
APMDCL		0.023	0.023		1.946	1.946		5.000	5.000
THDC					0.311	0.311		1.251	1.251
PSPCL					0.507	0.507		4.628	4.628
NALCO								2.000	2.000
Total Public	47.022	700.419	747.441	54.990	798.872	853.862	60.897	888.896	949.793
TSL	4.680	0.000	4.680	5.769	0.000	5.769	5.924		5.924
BALCO		0.000	0.000		1.000	1.000		1.000	1.000
CESC		1.637	1.637		1.801	1.801		1.293	1.293
HIL		0.925	0.925		0.685	0.685		0.651	0.651
JPVL		2.800	2.800		3.360	3.360		3.920	3.920
SIL		0.166	0.166		0.193	0.193		0.146	0.146
SPL		18.039	18.039		16.312	16.312		18.276	18.276
RCCPL		0.205	0.205		0.352	0.352		0.329	0.329
TUML		0.241	0.241		0.181	0.181		0.001	0.001
AMBUJA		0.779	0.779		1.200	1.200		0.950	0.950
BSIL		0.126	0.126		0.200	0.200		0.105	0.105
SEML		0.786	0.786		1.200	1.200		1.440	1.440
JPL		0.363	0.363		6.000	6.000		7.907	7.907
UTCL		0.021	0.021		0.359	0.359		0.750	0.750
Vedanta					0.693	0.693		2.126	2.126
BSMPL					0.024	0.024		0.300	0.300
JSPL								2.830	2.830
AIPL								0.085	0.085
Total Private	4.680	26.089	30.769	5.769	33.560	39.329	5.924	42.109	48.033
All India	51.702	726.508	778.210	60.759	832.432	893.191	66.821	931.005	997.826

Table 3.12 : State Wise and Company Wise Production of Raw Coal by types in last Three Years

(Qty. in MT)

States	Coal Company	2021-22			2022-23			2023-24		
		Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Assam	NEC		0.028	0.028		0.200	0.200		0.200	0.200
Chhattisgarh	SECL	0.225	129.817	130.042	0.247	154.817	155.064	0.216	175.064	175.280
	SECL(GP-IV/2&3)		2.913	2.913		2.051	2.051		0.160	0.160
	RRVUNL		15.000	15.000		11.801	11.801		6.701	6.701
	CSPGCL		3.265	3.265		3.617	3.617		4.003	4.003
	NTPC_TP		0.411	0.411		2.402	2.402		7.543	7.543
	AMBUJA		0.779	0.779		1.200	1.200		0.950	0.950
	JPL_IV/1		0.363	0.363		6.000	6.000		7.195	7.195
	JPL_IV/2 & 3								0.712	0.712
	HIL (GP-IV/4)		0.560	0.560		0.560	0.560		0.468	0.468
	HIL (GP-IV/5)		0.000	0.000		0.000	0.000		0.000	0.000
	SEML		0.786	0.786		1.200	1.200		1.440	1.440
	BALCO		0.000	0.000		1.000	1.000		1.000	1.000
	JSPL_GP IV/6								1.803	1.803
	Total	0.225	153.895	154.120	0.247	184.648	184.895	0.216	207.039	207.255
Jammu & Kashmir	JKML		0.011	0.011		0.010	0.010		0.008	0.008
Jharkhand	ECL	0.014	8.017	8.031	0.007	8.298	8.305	0.012	17.387	17.399
	BCCL	28.941	1.409	30.350	33.716	2.463	36.179	39.109	1.987	41.096
	CCL	17.164	51.682	68.846	20.554	55.533	76.087	21.060	64.994	86.054
	JSMDCCL		0.050	0.050		0.305	0.305		0.336	0.336
	DVC			0.000		0.033	0.033		1.520	1.520
	IISCO	0.080		0.080	0.069		0.069	0.131		0.131
	SAIL	0.340	0.000	0.340	0.303	0.000	0.303	0.333		0.333
	NTPC_PB		8.321	8.321		13.801	13.801		16.308	16.308
	NTPC_CB								3.304	3.304
	NTPC_KD								0.235	0.235
	WBPDCCL_PN		9.041	9.041		15.000	15.000		13.707	13.707
	PSPCL					0.507	0.507		4.628	4.628
	TSL	4.680		4.680	5.769		5.769	5.924		5.924
	HIL_KOC		0.366	0.366		0.125	0.125		0.183	0.183
		Total	51.219	78.885	130.105	60.418	96.065	156.483	66.569	124.589
Madhya Pradesh	NCL		104.357	104.357		110.629	110.629		114.638	114.638
	WCL	0.158	2.813	2.971	0.094	2.751	2.845	0.036	2.632	2.668
	SECL		9.559	9.559		9.891	9.891		12.096	12.096
	APMDCL		0.023	0.023		1.946	1.946		5.000	5.000
	THDC					0.311	0.311		1.251	1.251
	SPL		18.039	18.039		16.312	16.312		18.276	18.276
	JPVL		2.800	2.800		3.360	3.360		3.920	3.920
	RCCPL		0.205	0.205		0.352	0.352		0.329	0.329
	UTCL		0.021	0.021		0.359	0.359		0.750	0.750
	BSMPL					0.024	0.024		0.300	0.300
		Total	0.158	137.817	137.975	0.094	145.935	146.029	0.036	159.192
Maharashtra	WCL		54.737	54.737		61.438	61.438		66.445	66.445
	KPCL		1.258	1.258		1.608	1.608		2.500	2.500
	SIL		0.166	0.166		0.193	0.193		0.146	0.146
	BSIL		0.126	0.126		0.200	0.200		0.105	0.105
	TUML		0.241	0.241		0.181	0.181		0.001	0.001
	AIPL								0.085	0.085
		Total	0.000	56.528	56.528	0.000	63.620	63.620	0.000	69.282

Cont.

Table 3.12 : State Wise and Company Wise Production of Raw Coal by types in last Three Years

(Qty. in MT)

States	Coal Company	2021-22			2022-23			2023-24		
		Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Odisha	MCL		168.168	168.168		193.262	193.262		206.099	206.099
	OCPL		5.251	5.251		8.000	8.000		8.509	8.509
	NTPC_DG		5.292	5.292		7.000	7.000		7.000	7.000
	NLCIL		6.358	6.358		10.026	10.026		12.641	12.641
	NALCO								2.000	2.000
	VEDANTA					0.693	0.693		2.126	2.126
	JSPL_UC								1.027	1.027
	Total		0.000	185.069	185.069	0.000	218.981	218.981	0.000	239.402
Telangana	SCCL		65.022	65.022		67.137	67.137		70.021	70.021
	TGGENCO		2.211	2.211		2.500	2.500		2.500	2.500
	Total	0.000	67.233	67.233	0.000	69.637	69.637	0.000	72.521	72.521
Uttar Pradesh	NCL		18.073	18.073		20.540	20.540		21.510	21.510
West Bengal	ECL		24.397	24.397		26.713	26.713		30.161	30.161
	BCCL	0.100	0.061	0.161	0.000	0.000	0.000	0.000	0.000	0.000
	WBPDCCL_GB		2.345	2.345		3.714	3.714		3.000	3.000
	WBPDCCL_B								0.500	0.500
	WBPDCCL_BN								1.124	1.124
	WBPDCCL_T								0.109	0.109
	IISCO		0.016	0.016		0.017	0.017		0.075	0.075
	DPL		0.513	0.513		0.551	0.551		1.000	1.000
	CESC		1.637	1.637		1.801	1.801		1.293	1.293
Total	0.100	28.969	29.069	0.000	32.796	32.796	0.000	37.262	37.262	
Total Public		47.022	700.419	747.441	54.990	798.872	853.862	60.897	888.896	949.793
Total Private	Total	4.680	26.089	30.769	5.769	33.560	39.329	5.924	42.109	48.033
All India		51.702	726.508	778.210	60.759	832.432	893.191	66.821	931.005	997.826

Share % of all India Production of Public & Private Sector during last Three Years

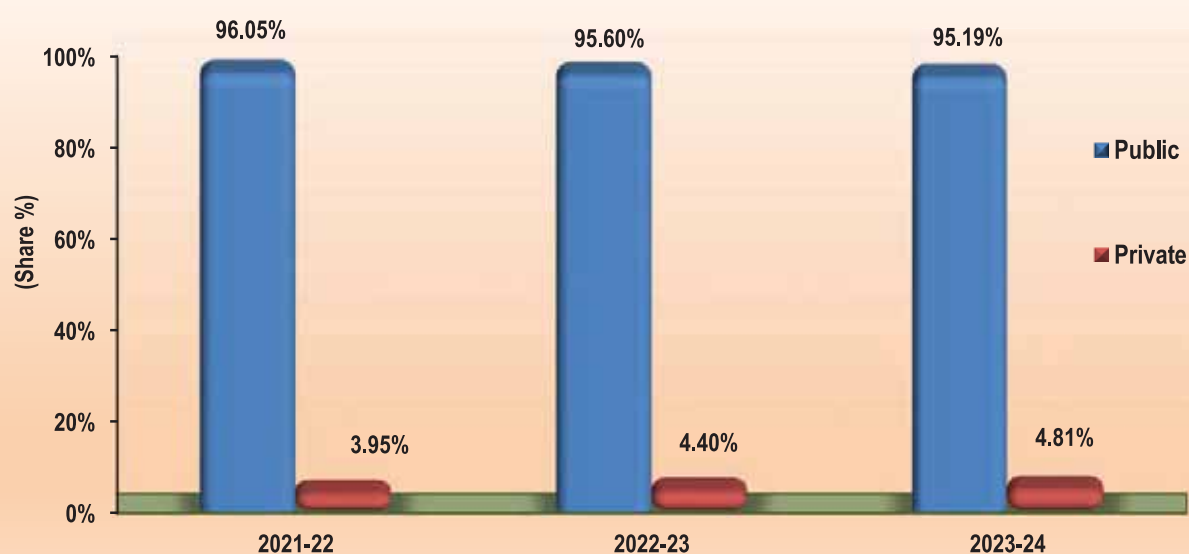


Table 3.13 : State Wise Production of Raw Coal by type(Coking & Non-coking) in last Five Years

(Qty. in MT)

State	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)
Coking					
Chhattisgarh	0.250	0.219	0.225	0.247	0.216
Jharkhand	52.364	44.387	51.219	60.418	66.569
Madhya Pradesh	0.178	0.181	0.158	0.094	0.036
West Bengal	0.144	0.000	0.100	0.000	0.000
Total Coking	52.936	44.787	51.702	60.759	66.821
Non-Coking					
Assam	0.517	0.036	0.028	0.200	0.200
Chhattisgarh	157.495	158.191	153.895	184.648	207.039
Jammu & Kashmir	0.014	0.010	0.011	0.010	0.008
Jharkhand	79.399	79.041	78.885	96.065	124.589
Madhya Pradesh	125.548	132.350	137.817	145.935	159.192
Maharashtra	54.746	47.435	56.528	63.620	69.282
Odisha	143.016	154.151	185.069	218.981	239.402
Telangana	65.703	52.603	67.233	69.637	72.521
Uttar Pradesh	18.030	17.016	18.073	20.540	21.510
West Bengal	33.470	30.463	28.969	32.796	37.262
Total Non-Coking	677.938	671.296	726.508	832.432	931.005
Total Coal	730.874	716.083	778.210	893.191	997.826

Share of State Wise Coking and Non-coking Coal Production in 2023-24

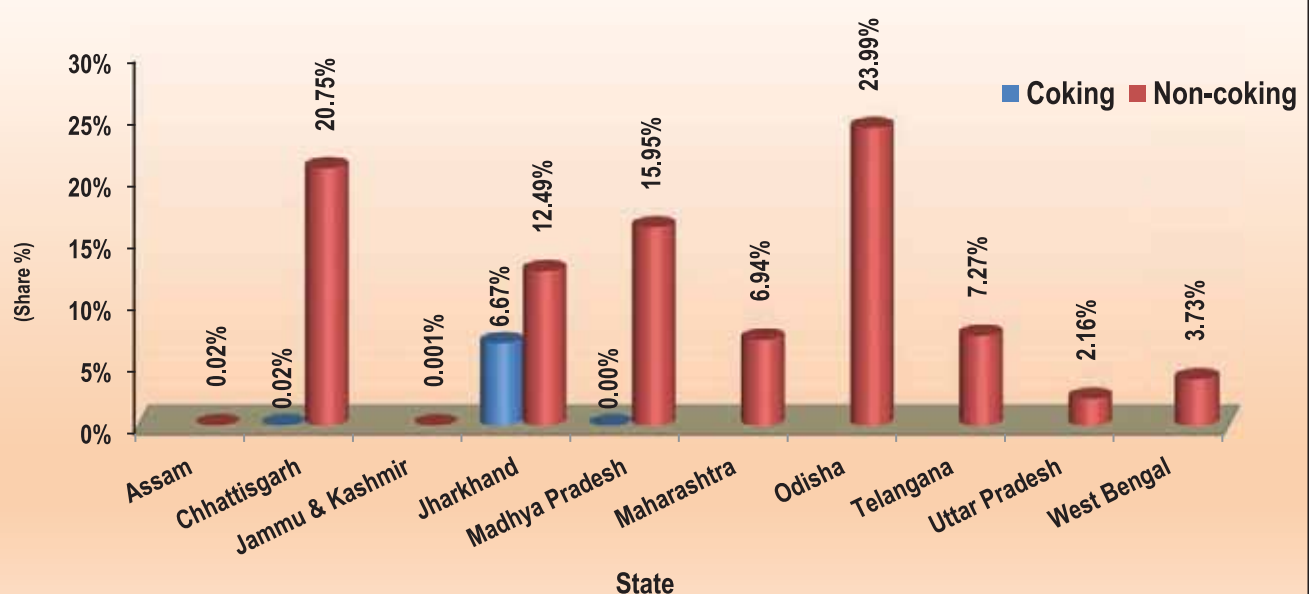


Table 3.14 : State Wise Production of Lignite in last Five Years

(Qty. in MT)

State	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	10.357	10.813	13.331	12.313	11.326
Rajasthan	8.223	9.056	10.526	10.197	10.015
Tamilnadu	23.516	18.026	23.635	21.519	21.580
Total Lignite	42.096	37.895	47.492	44.029	42.921

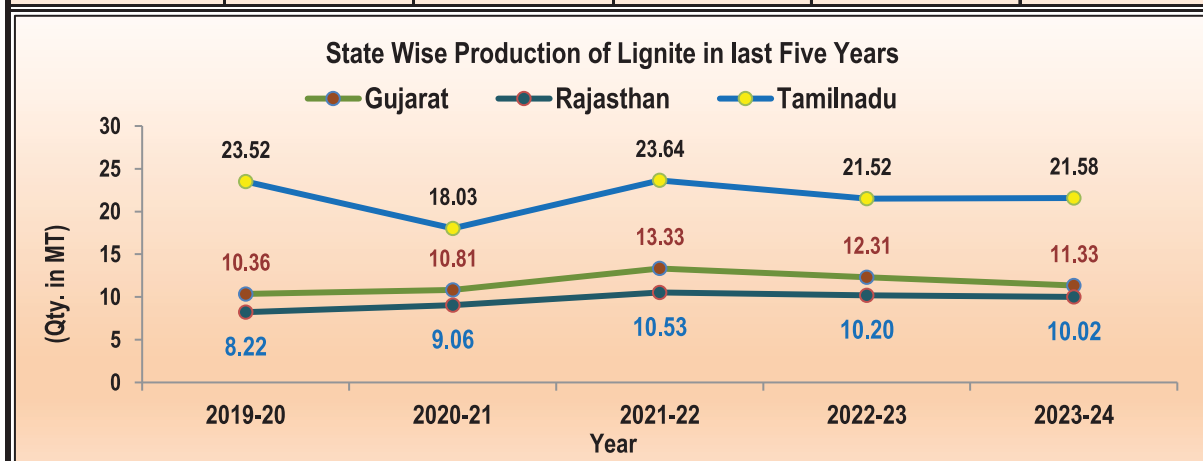


Table 3.14a : Company Wise Production of Lignite in India during last Five Years

(Qty. in MT)

Company	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)
NLC	24.864	19.263	25.113	23.530	23.680
GMDCL	6.957	6.004	8.555	7.580	6.371
GIPCL	3.342	3.507	2.910	3.050	3.043
RSMML	0.790	0.830	1.981	1.208	1.098
GHCL	0.058	0.021	0.081	0.125	0.047
VSLPPL	0.672	0.971	1.000	1.000	0.965
BLMCL	5.413	6.018	6.067	5.978	5.852
GPCL		1.281	1.785	1.558	1.865
All India	42.096	37.895	47.492	44.029	42.921

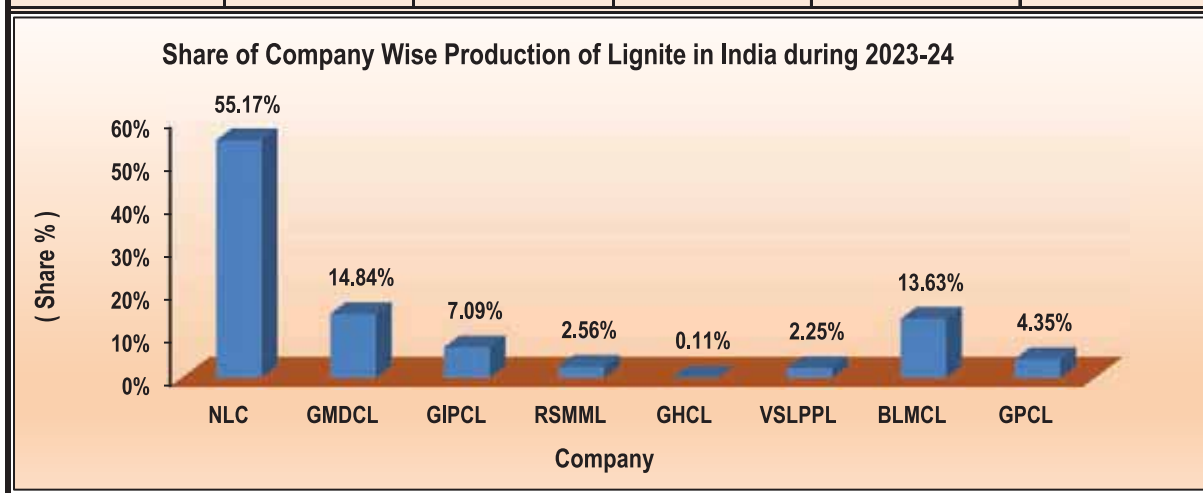


Table 3.15 : Grade Wise Production of Coking Coal by Companies during 2023-24

(Qty. in MT)

Companies	Production of Coking Coal									
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	Wash-VI	Total Coking
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ECL						0.012				0.012
BCCL		0.063		0.707	2.205	1.870	18.115	15.954	0.195	39.109
CCL		0.035		0.520	0.745	2.399	12.152	4.926	0.283	21.060
NCL										0.000
WCL							0.036			0.036
SECL			0.216							0.216
SECL(GP-IV/2&3)										0.000
MCL										0.000
NEC										0.000
CIL	0.000	0.098	0.216	1.227	2.950	4.281	30.303	20.880	0.478	60.433
SCCL										0.000
JKML										0.000
DVC										0.000
IISCO						0.027	0.104			0.131
SAIL								0.333		0.333
JSMDC										0.000
RRVUNL										0.000
NTPC										0.000
WBPDC										0.000
CSPGCL										0.000
TGGENCO										0.000
OCPL										0.000
DPL										0.000
NLCIL										0.000
APMDCL										0.000
KPCL										0.000
THDC										0.000
PSPCL										0.000
NALCO										0.000
Total Public	0.000	0.098	0.216	1.227	2.950	4.308	30.407	21.213	0.478	60.897
TSL					0.487	0.292	5.145			5.924
CESC										0.000
HIL										0.000
SPL										0.000
BALCO										0.000
SIL										0.000
JPVL										0.000
RCCPL										0.000
TUML										0.000
SEML										0.000
BSIL										0.000
JPL										0.000
UTCL										0.000
AMBUJA										0.000
VEDANTA										0.000
BSMPL										0.000
JSPL										0.000
AIPL										0.000
Total Private	0.000	0.000	0.000	0.000	0.487	0.292	5.145	0.000	0.000	5.924
All India	0.000	0.098	0.216	1.227	3.437	4.600	35.552	21.213	0.478	66.821

Share of Grade Wise Production of Coking Coal by Companies during 2023-24

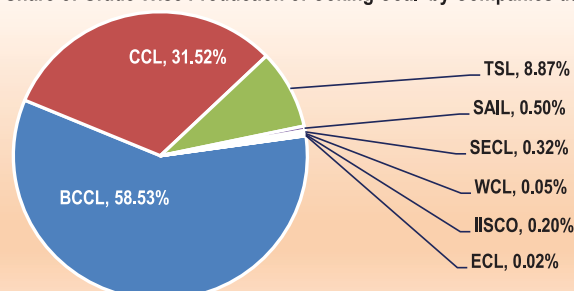


Table 3.16 : Grade Wise Raw Coal Production of Non-coking Coal by Companies during 2023-24

Companies	Production of Non-Coking Coal																		Total Coal
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	Total N-Coking	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(21)	(22)
ECL			1.415	17.871	5.569	1.834	3.799	2.119		0.964	2.074		11.903					47.548	47.560
BCCL					0.015	0.089	0.444	0.638	0.700	0.101								1.987	41.096
CCL					0.789	0.876	1.656	5.278	6.329	5.194	28.409	15.194	1.269					64.994	86.054
NCL							36.198	33.213	7.715	23.008	25.168	7.505	3.341					136.148	136.148
WCL						0.088	0.086	1.212	5.365	20.812	30.445	5.350	5.719					69.077	69.113
SECL			1.159	0.095	1.797	3.588	3.966	6.610	3.372	4.152	143.324	1.260	5.313	5.237	7.287			187.160	187.376
SECL(GP-IV/2&3)											0.080			0.080				0.160	0.160
MCL						0.002	0.022	0.144	0.349	4.960	7.482	76.443	58.957	49.955	7.785			206.099	206.099
NEC	0.053	0.086	0.019	0.042														0.200	0.200
CIL	0.053	0.086	2.593	18.008	8.170	6.477	46.171	49.214	23.830	59.191	236.982	105.752	86.502	55.272	15.072	0.000	0.000	713.373	773.806
SCCL					0.775	0.787	2.963	7.306	6.429	5.707	20.607	0.820	15.837	0.065	8.590		0.135	70.021	70.021
JKML		0.008																0.008	0.008
DVC													1.520					1.520	1.520
IISCO						0.038		0.037										0.075	0.206
SAIL																		0.000	0.333
JSMDCL												0.336						0.336	0.336
RRVUNL											4.849			1.852				6.701	6.701
NTPC								16.308		2.301	1.238	7.543	7.000					34.390	34.390
WBPDCL							0.500	13.707	1.568	1.540	0.128	0.997						18.440	18.440
CSPGCL														2.010	0.827		1.166	4.003	4.003
TGGENCO								2.500										2.500	2.500
OCPL														8.509				8.509	8.509
DPL										0.838		0.162						1.000	1.000
NLCIL														12.641				12.641	12.641
APMDCL							5.000											5.000	5.000
KPCL								2.500										2.500	2.500
THDC								1.251										1.251	1.251
PSPCL								2.181	1.053	1.394								4.628	4.628
NALCO														2.000				2.000	2.000
Total Public	0.053	0.094	2.593	18.008	8.945	7.302	54.634	57.808	67.455	68.357	267.673	108.436	112.399	89.349	24.489	0.000	1.301	888.896	949.793
TSL																		0.000	5.924
CESC												1.293						1.293	1.293
HIL				0.183			0.312					0.156						0.651	0.651
SPL								9.319				8.957						18.276	18.276
BALCO								0.370	0.630									1.000	1.000
SIL					0.146													0.146	0.146
JPVL										3.920								3.920	3.920
RCCPL							0.329											0.329	0.329
TUML													0.001					0.001	0.001
SEML												0.494		0.669		0.277		1.440	1.440
BSIL													0.105					0.105	0.105
JPL												0.803	0.379	2.091	0.098	4.203	0.333	7.907	7.907
UTCL								0.001		0.011		0.245	0.493					0.750	0.750
AMBUJA							0.239		0.036	0.312	0.186	0.057				0.120		0.950	0.950
VEDANTA										0.132	0.169	0.706	0.079	1.040				2.126	2.126
BSMPL									0.213		0.008	0.079						0.300	0.300
JSPL									1.015				1.815					2.830	2.830
AIPL										0.085								0.085	0.085
Total Private	0.000	0.000	0.000	0.000	0.183	0.146	0.880	0.001	10.953	1.170	4.283	12.790	2.872	3.800	0.098	4.323	0.610	42.109	48.033
All India	0.053	0.094	2.593	18.008	9.128	7.448	55.514	57.809	78.408	69.527	271.956	121.226	115.271	93.149	24.587	4.323	1.911	931.005	997.826

Share of Raw Coal Production of top Ten Non-coking Coal Grade during 2023-24

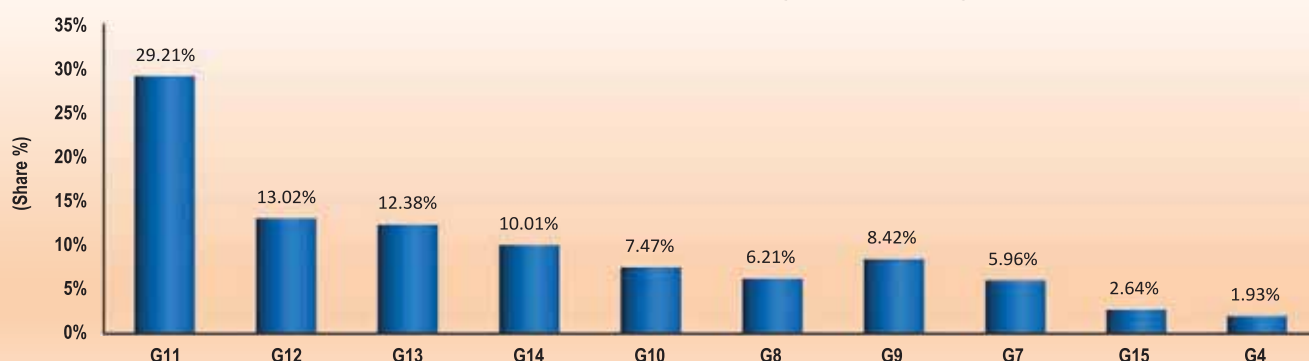


Table 3.17 : Grade Wise Production of Coking Coal and Non-coking Coal by States in 2023-24

(Qty. in MT)

Grade	Assam	Chhattisgarh	Jammu & Kashmir	Jharkhand	Madhya Pradesh	Maharashtra	Odisha	Telangana	Uttar Pradesh	West Bengal	India
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Steel-I											0.000
Steel-II				0.098							0.098
SC		0.216									0.216
Wash-I				1.227							1.227
Wash-II				3.437							3.437
Wash-III				4.600							4.600
Wash-IV				35.516	0.036						35.552
Wash-V				21.213							21.213
Wash-VI				0.478							0.478
Total Coking	0.000	0.216	0.000	66.569	0.036	0.000	0.000	0.000	0.000	0.000	66.821
G1	0.053										0.053
G2	0.086		0.008								0.094
G3	0.019	1.159		0.295						1.120	2.593
G4	0.042	0.095		0.220						17.651	18.008
G5		1.152		1.425	0.645			0.775		5.131	9.128
G6		1.105		1.003	2.571	0.146	0.002	0.787		1.834	7.448
G7		2.599		3.791	43.461	0.070	0.022	2.963		2.608	55.514
G8		1.480		6.495	24.205	0.375	0.144	7.306	16.227	1.577	57.809
G9		3.587		39.225	15.543	6.247	0.349	8.929	4.528	0.000	78.408
G10		4.507		6.497	22.886	20.862	5.092	5.707	0.755	3.221	69.527
G11		148.429		34.178	29.106	30.445	7.651	20.607		1.540	271.956
G12		2.770		16.768	16.824	5.312	77.149	0.820		1.583	121.226
G13		14.023		14.692	3.834	5.825	60.063	15.837		0.997	115.271
G14		11.822			0.117		81.145	0.065			93.149
G15		8.212					7.785	8.590			24.587
G16		4.323									4.323
G17		1.776						0.135			1.911
Total Non-Coking	0.200	207.039	0.008	124.589	159.192	69.282	239.402	72.521	21.510	37.262	931.005
All India	0.200	207.255	0.008	191.158	159.228	69.282	239.402	72.521	21.510	37.262	997.826

Share of State Wise Raw Coal Production (Coking & Non-coking) during 2023-24

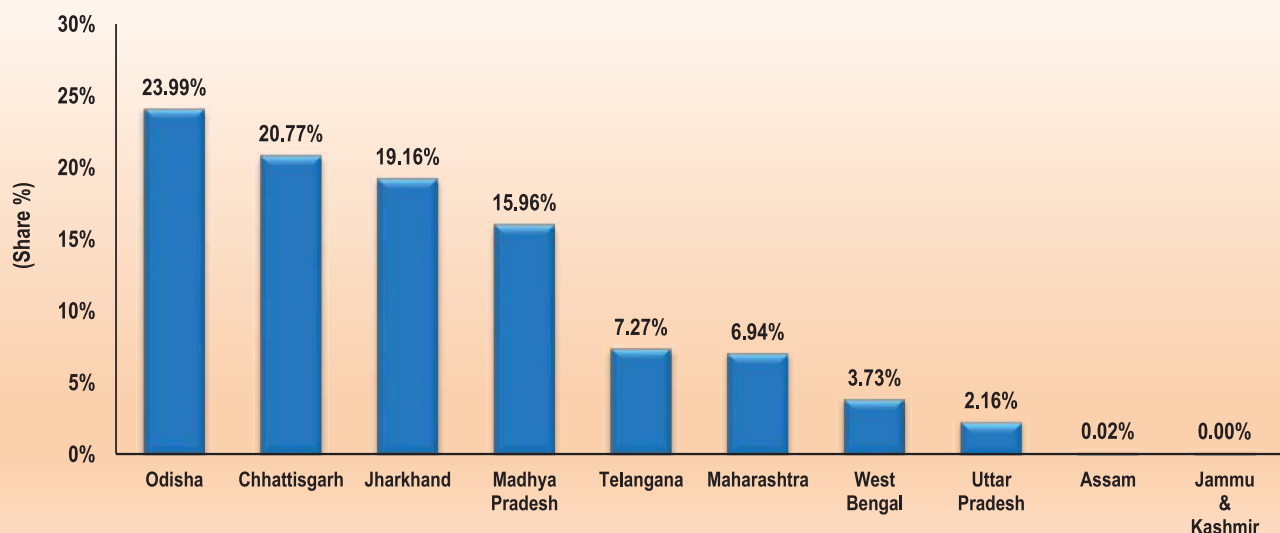


Table 3.18 : Grade Wise Production of Coking Coal and Non-Coking Coal in India during last Ten Years

(Qty. in MT)

Type	Grade	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Production of Coking Coal	Steel-I	0.050	0.037	0.023	0.155	0.035	0.018	0.001	0.225	0.000	0.000
	Steel-II	0.456	1.051	1.004	0.051	0.000	0.132	0.008	0.000	0.062	0.098
	SC-1	0.130	0.135	0.110	0.182	0.247	0.250	0.219	0.000	0.247	0.216
	Wash-I	0.115	0.415	0.315	0.176	0.058	0.136	0.202	0.234	0.171	1.227
	Wash-II	2.228	2.493	3.420	4.552	4.339	2.303	2.365	2.500	3.782	3.437
	Wash-III	12.335	12.968	10.796	3.991	6.577	7.361	1.820	1.539	2.638	4.600
	Wash-IV	42.132	43.788	45.993	31.041	29.874	33.094	26.943	25.740	31.212	35.552
	Wash-V						9.635	12.798	20.171	22.482	21.213
	Wash-VI					0.002	0.007	0.431	1.292	0.165	0.478
Total Coking		57.446	60.887	61.661	40.148	41.132	52.936	44.787	51.702	60.759	66.821
Production of Non-Coking Coal	G1	2.740	3.831	2.418	1.710	0.087	0.021	0.003	0.000	0.015	0.053
	G2	0.565	0.341	0.309	0.264	0.480	0.288	0.027	0.009	0.083	0.094
	G3	5.469	5.189	5.279	3.513	3.313	3.231	2.681	2.012	1.702	2.593
	G4	19.025	17.665	17.319	14.535	15.545	14.472	14.221	13.049	16.101	18.008
	G5	14.789	16.302	13.600	14.730	12.453	14.633	9.707	8.657	9.901	9.128
	G6	22.680	13.114	14.140	10.868	7.900	4.605	4.252	5.492	6.554	7.448
	G7	37.838	39.038	35.574	36.817	41.348	40.891	37.446	40.742	46.406	55.514
	G8	30.523	33.15	29.574	40.980	54.420	45.546	47.702	46.402	53.661	57.809
	G9	52.704	44.579	38.924	27.547	35.595	37.869	36.723	43.597	53.129	78.408
	G10	64.411	82.855	98.175	91.478	84.227	78.135	69.883	62.426	73.232	69.527
	G11	130.703	147.46	143.233	179.975	199.705	193.872	194.693	223.091	247.641	271.956
	G12	79.169	90.578	91.786	53.418	66.297	71.628	73.346	77.626	103.559	121.226
	G13	76.348	77.619	90.937	101.743	111.210	86.864	80.935	100.358	100.120	115.271
	G14	5.054	1.439	6.419	44.637	41.037	58.795	66.297	81.184	92.593	93.149
	G15	3.806	4.073	3.263	7.894	6.885	17.598	26.201	14.047	17.934	24.587
	G16	2.627	0.418	4.505	3.544	3.847	4.033	6.790	7.442	4.277	4.323
	G17	3.282	0.692	0.752	1.599	3.237	5.457	0.389	0.375	5.524	1.911
Total Non-Coking		551.733	578.343	596.207	635.252	687.586	677.938	671.296	726.508	832.432	931.005
Total Coal		609.179	639.230	657.868	675.400	728.718	730.874	716.083	778.210	893.191	997.826

Share of Coking Coal and Non-coking Coal of Raw Production during 2023-24

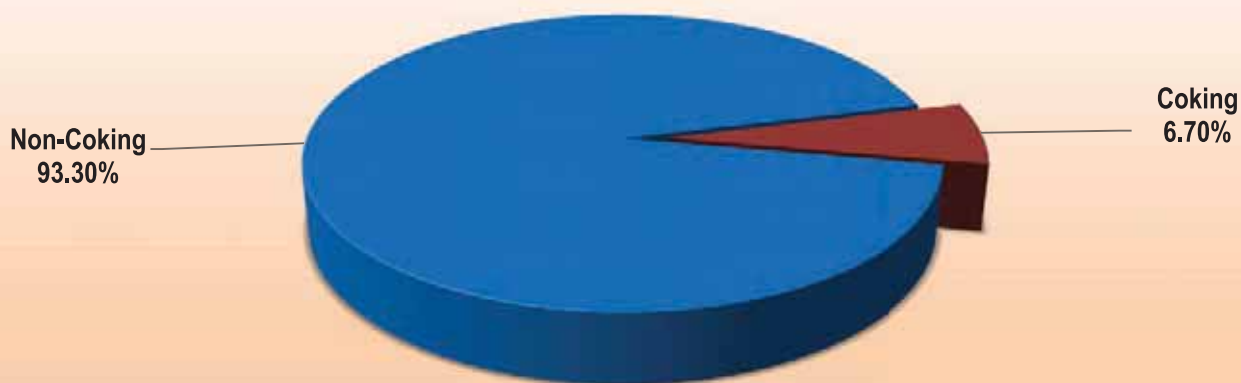


Table 3.19 : Production of Raw Coal from Open Cast and Under Ground Mines in last Ten Years

(Qty. in MT)

Year	Open Cast					Under Ground					All India Raw Coal	
	Production			OC Share (%) in All India Total	OC Growth (%) (All India)	Production			UG Share (%) in All India Total	UG Growth (%) (All India)	Production	Growth (%)
	by CIL	by SCCL	All India			by CIL	by SCCL	All India				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2014-15	459.191	42.333	560.667	92.04	▲ 08.63%	35.043	10.203	48.512	7.96	▼ 02.29%	609.179	▲ 07.67%
2015-16	504.969	49.727	592.822	92.74	▲ 05.74%	33.785	10.653	46.408	7.26	▼ 04.34%	639.230	▲ 04.93%
2016-17	522.663	51.821	613.518	93.26	▲ 03.49%	31.477	9.515	44.350	6.74	▼ 04.43%	657.868	▲ 02.92%
2017-18	536.823	53.700	633.569	93.81	▲ 03.27%	30.543	8.310	41.831	6.19	▼ 05.68%	675.400	▲ 02.66%
2018-19	576.404	55.223	686.214	94.17	▲ 08.31%	30.483	9.178	42.504	5.83	▲ 01.61%	728.718	▲ 07.89%
2019-20	572.092	55.359	690.393	94.46	▲ 00.61%	30.037	8.685	40.481	5.54	▼ 04.76%	730.874	▲ 00.30%
2020-21	569.768	46.065	683.872	95.50	▼ 00.94%	26.453	4.515	32.211	4.50	▼ 20.43%	716.083	▼ 02.02%
2021-22	597.007	58.764	745.027	95.74	▲ 08.94%	25.626	6.258	33.183	4.26	▲ 03.02%	778.210	▲ 08.68%
2022-23	677.717	59.938	858.343	96.10	▲ 15.21%	25.487	7.199	34.848	3.90	▲ 05.02%	893.191	▲ 14.78%
2023-24	747.785	64.090	963.495	96.56	▲ 12.25%	26.021	5.931	34.331	3.44	▼ 01.48%	997.826	▲ 11.71%

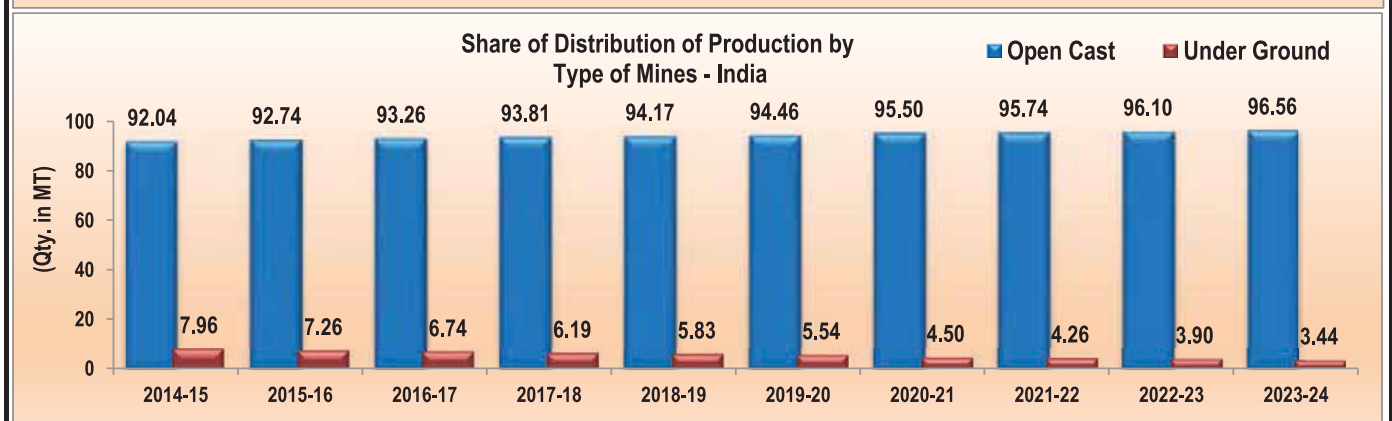
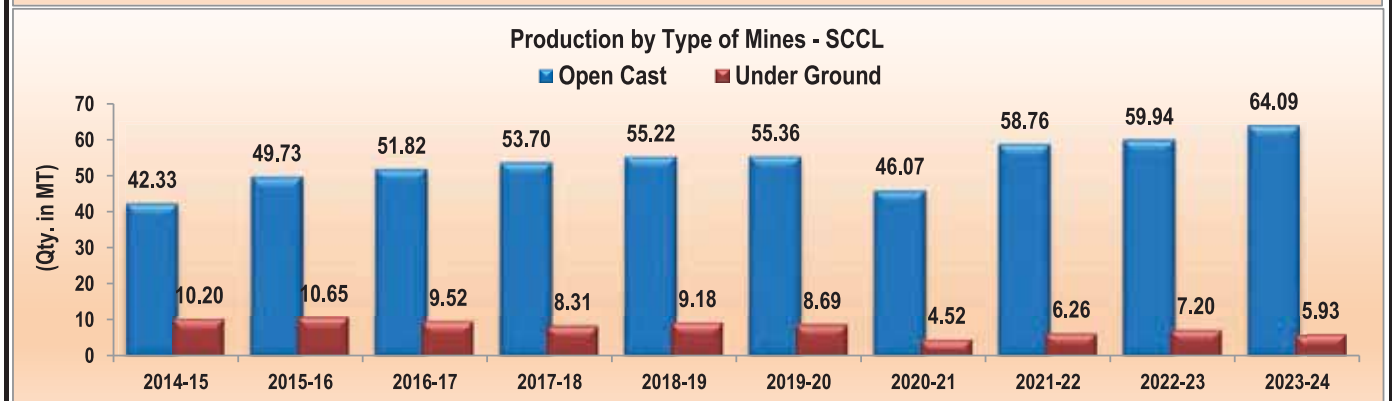
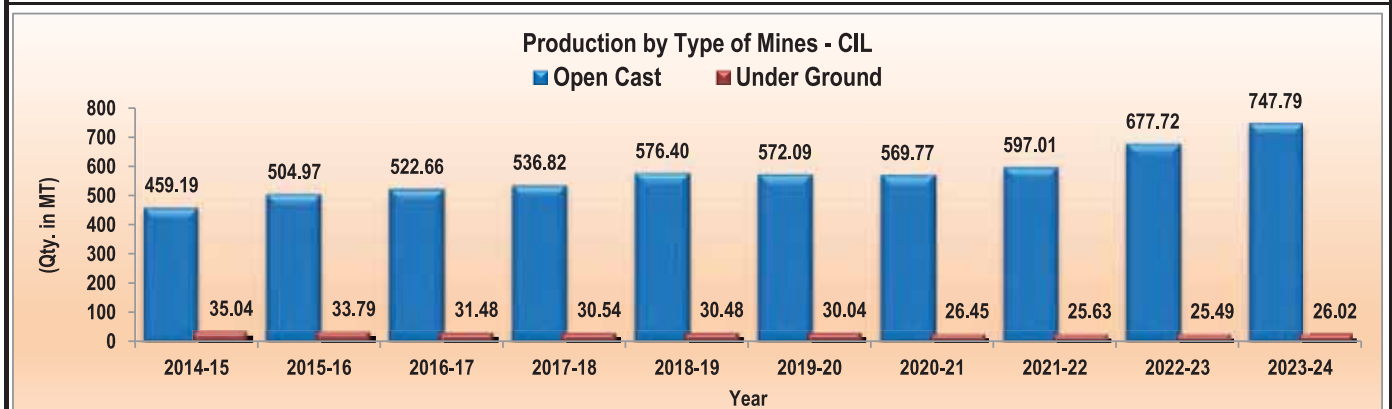


Table 3.20 : Company Wise Production of Raw Coal from Open Cast and Under Ground Mines in last Two Years

(Qty. in MT)

Companies	2022-23						2023-24					
	Open Cast			Under Ground			Open Cast			Under Ground		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECL	26.050	3.04	▲ 11.17%	8.968	25.73	▼ 00.31%	38.377	3.98	▲ 47.32%	9.183	26.75	▲ 02.40%
BCCL	35.493	4.14	▲ 19.48%	0.686	1.97	▼ 14.85%	40.330	4.19	▲ 13.63%	0.766	2.23	▲ 11.66%
CCL	75.224	8.77	▲ 10.48%	0.863	2.48	▲ 14.15%	85.273	8.85	▲ 13.36%	0.781	2.27	▼ 09.50%
NCL	131.169	15.29	▲ 07.14%				136.148	14.13	▲ 03.80%			
WCL	61.396	7.15	▲ 12.31%	2.887	8.28	▼ 05.06%	66.242	6.88	▲ 07.89%	2.871	8.36	▼ 00.55%
SECL	153.313	17.87	▲ 19.71%	11.642	33.41	▲ 01.00%	175.412	18.21	▲ 14.41%	11.964	34.85	▲ 02.77%
SECL(GP-IV/2&3)	2.051	0.24	▼ 29.59%				0.160	0.02	▼ 92.20%			
MCL	192.821	22.47	▲ 15.00%	0.441	1.27	▼ 11.80%	205.643	21.34	▲ 06.65%	0.456	1.33	▲ 03.40%
NEC	0.200	0.02	▲ 614.29%				0.200	0.02	▲ 00.00%			
Total CIL	677.717	78.98	▲ 13.52%	25.487	73.14	▼ 00.54%	747.785	77.61	▲ 10.34%	26.021	75.79	▲ 02.10%
SCCL	59.938	6.99	▲ 02.00%	7.199	20.66	▲ 15.04%	64.090	6.65	▲ 06.93%	5.931	17.28	▼ 17.61%
JKML				0.010	0.03	▼ 11.82%				0.008	0.02	▼ 20.00%
DVC	0.033	0.00	▲ 100.00%				1.520	0.16	▲ 4506.06%			
IISCO	0.017	0.00	▲ 07.13%	0.069	0.20	▼ 13.76%	0.075	0.01	▲ 341.18%	0.131	0.38	▲ 89.86%
JSMDCL	0.305	0.04	▲ 509.51%				0.336	0.03	▲ 10.16%			
RRVUNL	11.801	1.38	▼ 21.33%				6.701	0.70	▼ 43.22%			
SAIL	0.303	0.04	▼ 10.88%				0.333	0.03	▲ 09.90%			
NTPC	23.203	2.70	▲ 65.46%				34.390	3.57	▲ 48.21%			
WBPDCCL	18.714	2.18	▲ 64.36%				18.440	1.91	▼ 01.46%			
CSPGCL	3.617	0.42	▲ 10.77%				4.003	0.42	▲ 10.67%			
TGGENCO	2.500	0.29	▲ 13.08%				2.500	0.26	▲ 00.00%			
OCPL	8.000	0.93	▲ 52.34%				8.509	0.88	▲ 06.36%			
KPCL	1.608	0.19	▲ 27.81%				2.500	0.26	▲ 55.47%			
DPL	0.551	0.06	▲ 07.36%				1.000	0.10	▲ 81.49%			
APMDCL	1.946	0.23	▲ 8430.22%				5.000	0.52	▲ 156.94%			
NLCIL	10.026	1.17	▲ 57.70%				12.641	1.31	▲ 26.08%			
PSPCL	0.507	0.06	▲ 100.00%				4.628	0.48	▲ 812.82%			
THDC	0.311	0.04	▲ 100.00%				1.251	0.13	▲ 302.25%			
NALCO							2.000	0.21	▲ 100.00%			
Total Public	821.097	95.689	▲ 14.76%	32.765	94.02	▲ 02.47%	917.702	95.247	▲ 11.77%	32.091	93.48	▼ 02.06%
TSL	5.090	0.59	▲ 29.08%	0.679	1.95	▼ 07.81%	5.409	0.56	▲ 06.27%	0.515	1.50	▼ 24.15%
BALCO	1.000	0.12	▲ 100.00%				1.000	0.10	▲ 00.00%			
CESC	1.801	0.21	▲ 10.01%				1.293	0.13	▼ 28.21%			
HIL	0.685	0.08	▼ 25.98%				0.651	0.07	▼ 04.96%			
JPVL	3.360	0.39	▲ 20.00%				3.920	0.41	▲ 16.67%			
JPL	6.000	0.70	▲ 1550.63%				7.907	0.82	▲ 31.78%			
SIL				0.193	0.55	▲ 15.99%				0.146	0.43	▼ 24.35%
SPL	16.312	1.90	▼ 09.57%				18.276	1.90	▲ 12.04%			
RCCPL				0.352	1.01	▲ 71.71%				0.329	0.96	▼ 06.53%
BSIL	0.200	0.02	▲ 58.66%				0.105	0.01	▼ 47.50%			
TUML	0.181	0.02	▼ 24.75%				0.001	0.00	▼ 99.45%			
UTCL				0.359	1.03	▲ 1598.76%				0.750	2.18	▲ 108.91%
AMBUJA	0.450	0.05	▼ 35.71%	0.500	1.43	▲ 530.44%	0.450	0.05	▲ 00.00%	0.500	1.46	▲ 00.00%
SEML	1.200	0.14	▲ 52.64%				1.440	0.15	▲ 20.00%			
VEDANTA	0.693	0.08	▲ 100.00%				2.126	0.22	▲ 206.78%			
BSMPL	0.024	0.00	▲ 100.00%				0.300	0.03	▲ 1150.00%			
JSPL							2.830	0.29	▲ 100.00%			
AIPL							0.085	0.01	▲ 100.00%			
Total Private	36.996	4.31	▲ 25.15%	2.083	5.98	▲ 72.38%	45.793	4.75	▲ 23.78%	2.240	6.52	▲ 07.54%
All India	858.093	100.00	▲ 15.18%	34.848	100.00	▲ 05.02%	963.495	100.00	▲ 12.28%	34.331	100.00	▼ 01.48%

Table 3.21 : Company Wise Production of Raw Coal from Open Cast and Under Ground Mines by Technology Wise in 2023-24

(Qty. in MT)

Type of Mine	Open Cast						Under Ground												Total Raw Coal	
Technology	Mechanised		Manual		Total Open Cast		Conventional Board & Pillar		Mechanised Board & Pillar		Conventional Long Wall		Mechanised Long Wall		Other Methods		Total Under Ground		Quantity	% of Total
Company	Quantity	% of Total OC	Quantity	% of Total OC	Quantity	% of Total Raw Coal	Quantity	% of Total UG	Quantity	% of Total UG	Quantity	% of Total UG	Quantity	% of Total UG	Quantity	% of Total UG	Quantity	% of Total Raw Coal	Quantity	% of Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
ECL	38.377	3.98			38.377	3.85	0.001	0.00	8.625	25.12					0.557	1.62	9.183	0.92	47.560	4.77
BCCL	40.330	4.19			40.330	4.04		0.00	0.124	0.36	0.268	0.78	0.374	1.09			0.766	0.08	41.096	4.12
CCL	85.273	8.85			85.273	8.55	0.020	0.06	0.137	0.40					0.624	1.82	0.781	0.08	86.054	8.62
NCL	136.148	14.13			136.148	13.64											0.000	0.00	136.148	13.64
WCL	66.242	6.88			66.242	6.64			2.871	8.36							2.871	0.29	69.113	6.93
SECL	175.412	18.21			175.412	17.58			4.958	14.44					7.006	20.41	11.964	1.20	187.376	18.78
SECL(GP-IV/2&3)	0.160	0.02			0.160	0.02											0.000	0.00	0.160	0.02
MCL	205.643	21.34			205.643	20.61			0.456	1.33							0.456	0.05	206.099	20.65
NEC	0.200	0.02			0.200	0.02											0.000	0.00	0.200	0.02
CIL	747.785	77.61	0.000	0.0	747.785	74.94	0.021	0.06	17.171	50.02	0.268	0.78	0.374	1.09	8.187	23.85	26.021	2.61	773.806	77.55
SCCL	64.090	6.65			64.090	6.42			3.444	10.03					2.487	7.24	5.931	0.59	70.021	7.02
JKML					0.000	0.00	0.008	0.02									0.008	0.00	0.008	0.00
DVC	1.520	0.16			1.520	0.15											0.000	0.00	1.520	0.15
IISCO	0.075	0.01			0.075	0.01					0.104	0.30	0.027	0.08		0.00	0.131	0.01	0.206	0.02
SAIL	0.333	0.03			0.333	0.03											0.000	0.00	0.333	0.03
JSMDC	0.336	0.03			0.336	0.03											0.000	0.00	0.336	0.03
RRVUNL	6.701	0.70			6.701	0.67											0.000	0.00	6.701	0.67
NTPC	34.390	3.57			34.390	3.45											0.000	0.00	34.390	3.45
WBPDC	18.440	1.91			18.440	1.85											0.000	0.00	18.440	1.85
CSPGCL	4.003	0.42			4.003	0.40											0.000	0.00	4.003	0.40
TGGENCO	2.500	0.26			2.500	0.25											0.000	0.00	2.500	0.25
OCPL	8.509	0.88			8.509	0.85											0.000	0.00	8.509	0.85
DPL	1.000	0.10			1.000	0.10											0.000	0.00	1.000	0.10
NLCIL	12.641	1.31			12.641	1.27											0.000	0.00	12.641	1.27
KPCL	2.500	0.26			2.500	0.25											0.000	0.00	2.500	0.25
APMDCL	5.000	0.52			5.000	0.50											0.000	0.00	5.000	0.50
THDC	1.251	0.13			1.251	0.13											0.000	0.00	1.251	0.13
PSPCL	4.628	0.48			4.628	0.46											0.000	0.00	4.628	0.46
NALCO	2.000	0.21			2.000	0.20											0.000	0.00	2.000	0.20
Total Public	917.702	95.25	0.000	0.0	917.702	91.97	0.029	0.08	20.615	60.05	0.372	1.08	0.401	1.17	10.674	31.09	32.091	3.22	949.793	95.19
TSL	5.409	0.56			5.409	0.54			0.515	1.50							0.515	0.05	5.924	0.59
BALCO	1.000	0.10			1.000	0.10											0.000	0.00	1.000	0.10
CESC	1.293	0.13			1.293	0.13											0.000	0.00	1.293	0.13
HIL	0.651	0.07			0.651	0.07											0.000	0.00	0.651	0.07
JPVL	3.920	0.41			3.920	0.39											0.000	0.00	3.920	0.39
JPL	7.907	0.82			7.907	0.79											0.000	0.00	7.907	0.79
SIL					0.000	0.00			0.146	0.43							0.146	0.01	0.146	0.01
SPL	18.276	1.90			18.276	1.83											0.000	0.00	18.276	1.83
RCCPL	0.000	0.00			0.000	0.00			0.329	0.96							0.329	0.03	0.329	0.03
TUML	0.001	0.00			0.001	0.00											0.000	0.00	0.001	0.00
AMBUJA	0.450	0.05			0.450	0.05				0.00							0.500	0.05	0.950	0.10
BSIL	0.105	0.01			0.105	0.01											0.000	0.00	0.105	0.01
SEML	1.440	0.15			1.440	0.14											0.000	0.00	1.440	0.14
UTCL					0.000	0.00			0.750	2.18							0.750	0.08	0.750	0.08
VEDANTA	2.126	0.22			2.126	0.21											0.000	0.00	2.126	0.21
BSMPL	0.300	0.03			0.300	0.03											0.000	0.00	0.300	0.03
JSPL	2.830	0.29			2.830	0.28											0.000	0.00	2.830	0.28
AIPL	0.085	0.01			0.085	0.01											0.000	0.00	0.085	0.01
Total Private	45.793	4.75	0.000	0.0	45.793	4.59	0.500	1.46	1.740	5.07	0.000	0.00	0.000	0.00	0.000	0.00	2.240	0.22	48.033	4.81
All India	963.495	100.00	0.000	0.0	963.495	96.56	0.529	1.54	22.355	65.12	0.372	1.08	0.401	1.17	10.674	31.09	34.331	3.44	997.826	100.00

Share of Open Cast and Under Ground Raw Coal Production during 2023-24

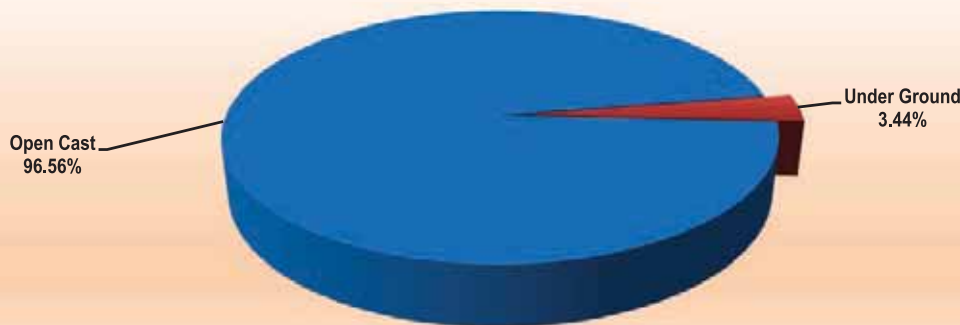


Table 3.22 : Company Wise Over Burden Removal and Stripping Ratio in Revenue Mines in last Three Years

(Qty. in MT)

Companies	2021-22			2022-23			2023-24		
	Over Burden Removal	Production (Open Cast)	Stripping Ratio	Over Burden Removal	Production (Open Cast)	Stripping Ratio	Over Burden Removal	Production (Open Cast)	Stripping Ratio
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	118.989	23.432	5.08	133.128	26.050	5.11	170.283	38.377	4.44
BCCL	105.374	29.706	3.55	114.474	35.493	3.23	152.859	40.330	3.79
CCL	100.066	68.091	1.47	106.581	75.224	1.42	121.334	85.273	1.42
NCL	362.650	122.431	2.96	453.197	131.169	3.46	492.471	136.148	3.62
WCL	247.122	54.666	4.52	325.613	61.396	5.30	380.538	66.242	5.74
SECL	189.137	128.074	1.48	259.162	153.313	1.69	321.185	175.412	1.83
SECL (GP-IV/2&3)	6.079	2.913	2.09	4.227	2.051	2.06	0.000	0.160	0.00
MCL	206.173	167.667	1.23	229.529	192.821	1.19	276.489	205.643	1.34
NEC	0.000	0.028	0.00	1.946	0.200	9.73	2.433	0.200	12.17
CIL	1335.590	597.007	2.24	1627.857	677.717	2.40	1917.592	747.785	2.56
SCCL	383.390	58.764	6.52	410.109	59.938	6.84	417.344	64.090	6.51
DVC		0.000		0.476	0.033	14.42	1.650	1.520	1.09
IISCO	0.148	0.016	9.27	0.045	0.017	2.65	0.240	0.075	3.20
SAIL	0.995	0.340	2.92	1.032	0.303	3.41	1.137	0.333	3.41
JSMDC	0.129	0.050	2.58	0.150	0.305	0.49	0.123	0.336	0.37
RRVUNL	45.148	15.000	3.01	29.754	11.801	2.52	18.787	6.701	2.80
NTPC	32.292	14.024	2.30	71.455	23.203	3.08	123.400	34.390	3.59
WBPDC	27.511	11.386	2.42	41.157	18.714	2.20	43.233	18.440	2.34
CSPGCL	5.169	3.265	1.58	8.808	3.617	2.44	9.224	4.003	2.30
TGGENCO	30.107	2.211	13.62	30.781	2.500	12.31	28.402	2.500	11.36
OCPL	16.711	5.251	3.18	26.322	8.000	3.29	19.781	8.509	2.32
DPL	2.417	0.513	4.71	3.927	0.551	7.13	3.234	1.000	3.23
NLCIL	2.325	6.358	0.37	8.004	10.026	0.80	12.896	12.641	1.02
PSPCL				4.172	0.507	8.23	2.993	4.628	0.65
THDC				1.639	0.311	5.27	5.842	1.251	4.67
KPCL	8.804	1.258	7.00	7.622	1.608	4.74	15.956	2.500	6.38
APMDCL	1.289	0.023	56.51	20.263	1.946	10.41	35.030	5.000	7.01
NALCO							4.549	2.000	2.27
Total Public	1892.025	715.466	2.64	2293.573	821.097	2.79	2661.413	917.702	2.90
TSL	19.613	3.943	4.97	17.540	5.090	3.45	17.086	5.409	3.16
HIL	5.028	0.925	5.44	7.708	0.685	11.25	7.157	0.651	10.99
SPL	68.414	18.039	3.79	68.179	16.312	4.18	65.613	18.276	3.59
CESC	2.177	1.637	1.33	1.200	1.801	0.67	1.086	1.293	0.84
BALCO		0.000		3.967	1.000	3.97	6.151	1.000	6.15
JPVL	21.987	2.800	7.85	26.864	3.360	8.00	28.231	3.920	7.20
TUML	1.198	0.241	4.98	0.927	0.181	5.12	0.025	0.001	25.00
AMBUJA	2.177	0.700	3.11	2.067	0.700	2.95	1.497	0.450	3.33
SEML	1.166	0.786	1.48	4.633	1.200	3.86	4.039	1.440	2.80
VEDANTA				2.730	0.693	3.94	5.305	2.126	2.50
BSMPL				0.072	0.024	3.00	1.764	0.300	5.88
BS ISPAT	0.883	0.126	6.99	1.568	0.200	7.84	0.198	0.105	1.89
JPL	0.779	0.363	2.14	8.321	6.000	1.39	14.855	7.907	1.88
JSPL							5.613	2.830	1.98
AIPL							2.330	0.085	27.41
Total Private	123.423	29.561	4.18	145.776	37.246	3.91	160.950	45.793	3.51
All India	2015.448	745.027	2.71	2439.349	858.343	2.84	2822.363	963.495	2.93

Note: (1) Stripping ratio is defined as the ratio of OBR to Coal produced in Open Cast mining.

(2) Meghalaya OBR figures are not known and not reported.

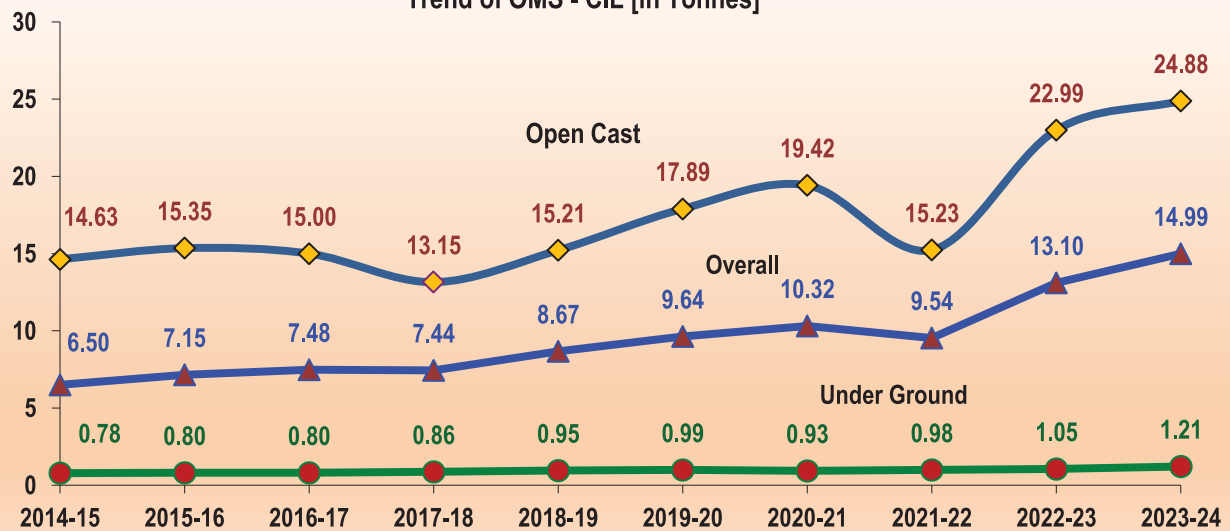
(3) While calculating stripping ratio, if OBR is not reported, corresponding production was excluded to find public/private sector OBR

Table 3.23 : OMS in Open Cast & Under Ground Mines (CIL & SCCL) during last Ten Years

(Qty. in Tonnes)

Year	OMS (Open Cast)		OMS (Under Ground)		OMS (Overall)	
	CIL	SCCL	CIL	SCCL	CIL	SCCL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2014-15	14.63	12.14	0.78	1.10	6.50	4.20
2015-16	15.35	13.78	0.80	1.25	7.15	4.20
2016-17	15.00	13.85	0.80	1.18	7.48	4.74
2017-18	13.15	13.73	0.86	1.08	7.44	4.89
2018-19	15.21	16.95	0.95	1.39	8.67	6.22
2019-20	17.89	16.57	0.99	1.44	9.64	4.89
2020-21	19.42	13.86	0.93	0.92	10.32	5.62
2021-22	15.23	15.15	0.98	1.19	9.54	6.09
2022-23	22.99	13.94	1.05	1.27	13.10	5.31
2023-24	24.88	13.24	1.21	1.19	14.99	5.41

Trend of OMS - CIL [in Tonnes]



Trend of OMS - SCCL [in Tonnes]

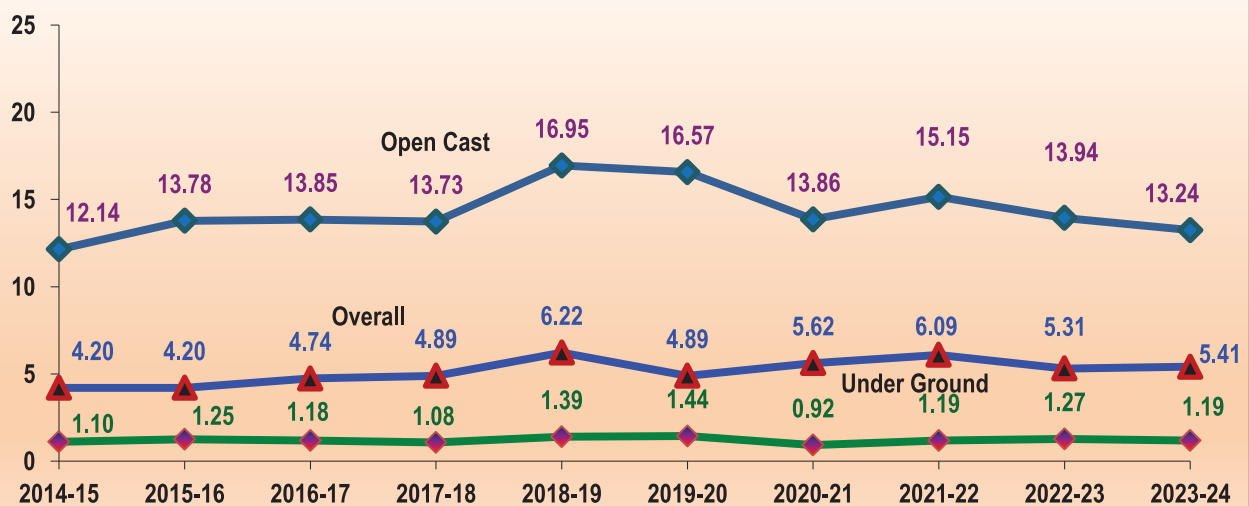


Table 3.24 : Company Wise Production, Manshifts & OMS (CIL & SCCL) by type of Mines in last Three Years

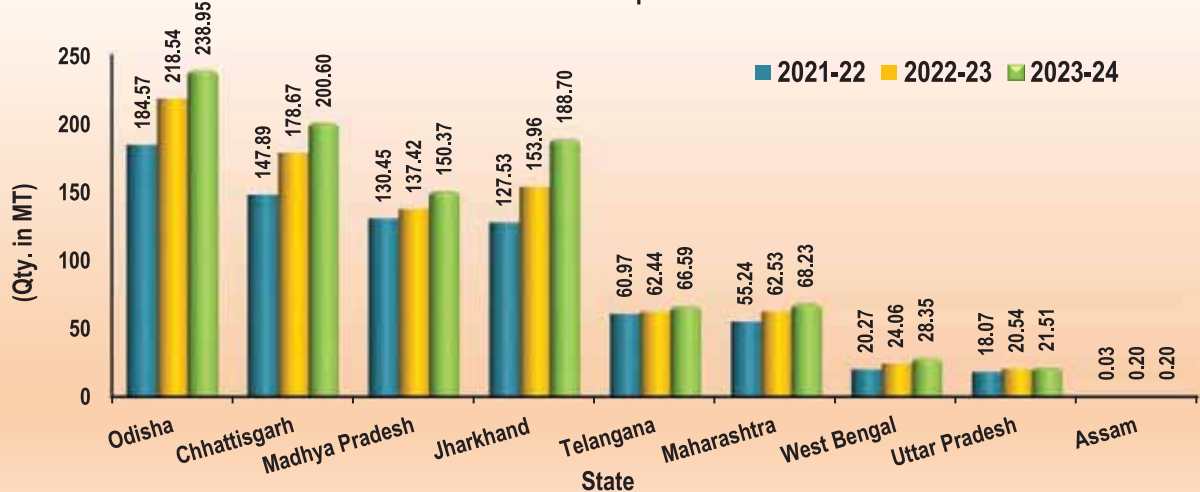
Company	Type of Mines	2021-22			2022-23			2023-24		
		Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)	Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)	Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ECL	OC	23.432	2.273	10.31	26.050	2.287	11.39	38.377	2.822	13.60
BCCL	OC	29.706	3.889	7.64	35.493	4.069	8.72	40.330	4.018	10.04
CCL	OC	68.091	6.699	10.16	75.224	7.043	10.68	85.273	6.755	12.62
NCL	OC	122.431	4.355	28.11	131.169	2.989	43.88	136.148	3.289	41.39
WCL	OC	54.666	13.133	4.16	61.396	4.300	14.28	66.242	3.812	17.38
SECL	OC	128.074	4.469	28.66	153.313	3.888	39.43	175.412	2.965	51.64
SECL(GP-IV/2&3)	OC	2.913	0.049	59.45	2.051	0.046	44.59	0.160	0.046	3.48
MCL	OC	167.667	4.254	39.41	192.821	4.721	40.84	205.643	6.296	32.66
NEC	OC	0.028	0.085	0.33	0.200	0.130	1.54	0.200	0.052	3.85
CIL	OC	597.007	39.206	15.23	677.717	29.473	22.99	747.785	30.055	24.88
SCCL	OC	58.764	2.624	15.15	59.938	2.715	13.94	64.090	2.635	13.24
ECL	UG	8.996	10.420	0.86	8.968	10.099	0.89	9.183	9.678	0.95
BCCL	UG	0.806	3.821	0.21	0.686	3.552	0.19	0.766	2.967	0.26
CCL	UG	0.756	0.646	1.17	0.863	0.406	2.13	0.781	0.385	2.03
NCL	UG	0.000	0.000		0.000	0.000				
WCL	UG	3.041	3.260	0.93	2.887	3.074	0.94	2.871	2.721	1.06
SECL	UG	11.527	7.045	1.64	11.642	6.297	1.85	11.964	4.923	2.43
SECL(GP-IV/2&3)	UG	0.000	0.000		0.000	0.000				
MCL	UG	0.500	0.879	0.57	0.441	0.737	0.60	0.456	0.865	0.53
NEC	UG	0.000	0.000		0.000	0.026	0.00		0.016	0.00
CIL	UG	25.626	26.072	0.98	25.487	24.191	1.05	26.021	21.555	1.21
SCCL	UG	6.258	5.002	1.19	7.199	5.200	1.27	5.931	4.980	1.19
ECL	ALL	32.428	12.693	2.55	35.018	12.386	2.83	47.560	12.500	3.80
BCCL	ALL	30.511	7.711	3.96	36.179	7.621	4.75	41.096	6.985	5.88
CCL	ALL	68.847	7.345	9.37	76.087	7.449	10.21	86.054	7.140	12.05
NCL	ALL	122.431	4.355	28.11	131.169	2.989	43.88	136.148	3.289	41.39
WCL	ALL	57.707	16.393	3.52	64.283	7.374	8.72	69.113	6.533	10.58
SECL	ALL	139.601	11.514	12.12	164.955	10.185	16.20	187.376	7.888	23.75
SECL(GP-IV/2&3)	ALL	2.913	0.049	59.45	2.051	0.046	44.59	0.160	0.046	3.48
MCL	ALL	168.167	5.133	32.76	193.262	5.458	35.41	206.099	7.161	28.78
NEC	ALL	0.028	0.085	0.33	0.200	0.156	1.28	0.200	0.068	2.94
CIL	ALL	622.633	65.278	9.54	703.204	53.664	13.10	773.806	51.610	14.99
SCCL	ALL	65.022	7.626	6.09	67.137	7.915	5.31	70.021	7.615	5.41

Table 3.25 : State Wise Production of Raw Coal by type of Mines in last Three Years

(Qty. in MT)

States	2021-22			2022-23			2023-24		
	Open Cast	Under Ground	Total	Open Cast	Under Ground	Total	Open Cast	Under Ground	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Assam	0.028	0.000	0.028	0.200	0.000	0.200	0.200		0.200
Chhattisgarh	147.894	6.225	154.120	178.667	6.228	184.895	200.604	6.651	207.255
Jammu & Kashmir		0.011	0.011		0.010	0.010		0.008	0.008
Jharkhand	127.531	2.575	130.106	153.957	2.526	156.483	188.697	2.461	191.158
Maharashtra	55.236	1.292	56.528	62.529	1.091	63.620	68.233	1.049	69.282
Madhya Pradesh	130.452	7.522	137.974	137.415	8.614	146.029	150.368	8.860	159.228
Odisha	184.568	0.500	185.068	218.540	0.441	218.981	238.946	0.456	239.402
Telangana	60.975	6.257	67.232	62.438	7.199	69.637	66.590	5.931	72.521
Uttar Pradesh	18.073	0.000	18.073	20.540	0.000	20.540	21.510		21.510
West Bengal	20.269	8.799	29.069	24.057	8.739	32.796	28.347	8.915	37.262
All India	745.027	33.183	778.210	858.343	34.848	893.191	963.495	34.331	997.826

State Wise Raw Coal Production of Open Coal Mines in last Three Years



State Wise Raw Coal Production of Under Ground Coal Mines in last Three Years

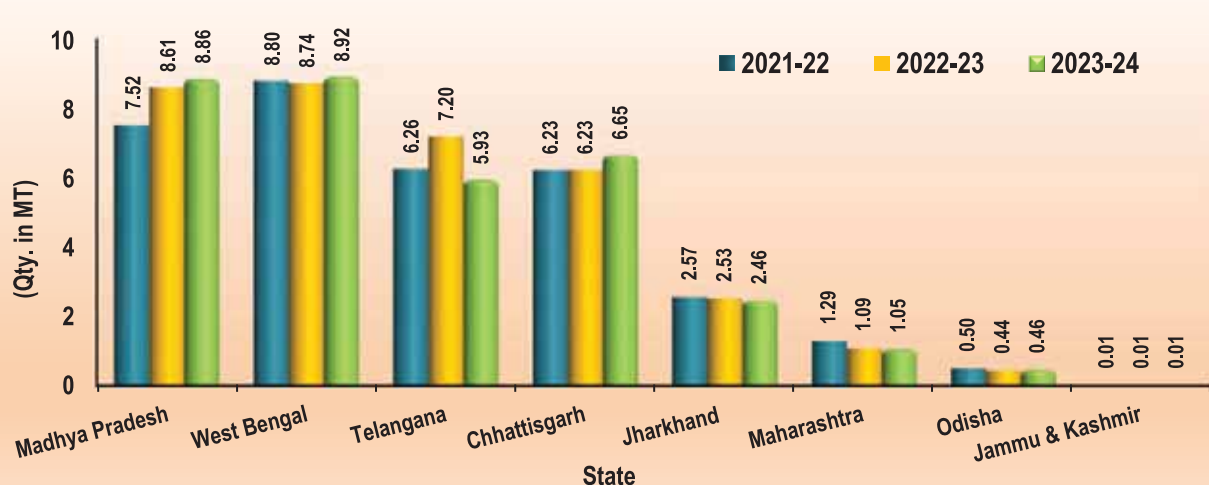


Table 3.26 : Raw Coal Production of Coal Blocks Vested/Allocated as per CMN & CM(SP) Act during last Three Years

(Qty. in MT)

Block	Act	End Use	Company	State	2021-22			2022-23			2023-24						
					Coking Coal	Non-Coking Coal	Total Coal	Coking Coal	Non-Coking Coal	Total Coal	Coking Coal	Non-Coking Coal	Total Coal				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)				
Parsa East & Kanta Basan	CM(SP)		RRVUNL	Chhattisgarh		15.000	15.000		11.801	11.801		6.701	6.701				
Tallipalli			NTPC			0.411	0.411		2.402	2.402		7.543	7.543				
Gare Palma Sector-III			CSPGCL			3.265	3.265		3.617	3.617		4.003	4.003				
Pakri Barwadih	CMN		NTPC	Jharkhand		8.321	8.321		13.225	13.225		16.308	16.308				
Tubeid	CM(SP)	Power	DVC				0.000		0.033	0.033		1.520	1.520				
Chatti Bariatu			NTPC				0.000		0.576	0.576		3.304	3.304				
Kerandri			NTPC									0.235	0.235				
Pachhwara Central			PSPCL					0.000		0.507	0.507		4.628	4.628			
Pachhwara North			WBPDCI				9.041	9.041		15.000	15.000		13.707	13.707			
Amelia			CM(SP)		Power	THDC	Madhya Pradesh			0.000		0.311	0.311		1.251	1.251	
Baranj I-IV, Kiloni & Manohardih						KPCL	Maharashtra		1.258	1.258		1.608	1.608		2.500	2.500	
Dulanga				NTPC		Odisha		5.292	5.292		7.000	7.000		7.000	7.000		
Manoharpur	OCPL			5.251			5.251		8.000	8.000		8.509	8.509				
Talabira II & III	NLCIL			6.358			6.358		10.026	10.026		12.641	12.641				
Tadicherla	TGGENCO	Telangana				2.211	2.211		2.500	2.500		2.500	2.500				
Barjora	CM(SP)	Power		WBPDCI		West Bengal		0.316	0.316		0.500	0.500		0.500	0.500		
Barjora North				WBPDCI				1.029	1.029		2.014	2.014		1.124	1.124		
Gangaramchak Bhadulia			WBPDCI		1.000		1.000		1.200	1.200		3.000	3.000				
Tara (East & West)			WBPDCI									0.109	0.109				
Trans Damodar			DPL				0.513	0.513		0.551	0.551		1.000	1.000			
Total Power					0.000	59.266	59.266	0.000	80.871	80.871	0.000	98.083	98.083				
Gare Palma IV/2 & 3	CM(SP)	Comercial	SECL	Chhattisgarh		2.913	2.913		2.051	2.051		0.160	0.160				
Suliyari			APMDCL	Madhya Pradesh		0.023	0.023		1.946	1.946		5.000	5.000				
Total Comercial					0.000	2.936	2.936	0.000	3.997	3.997	0.000	5.160	5.160				
Tasra	CMN	NRS	SAIL	Jharkhand	0.340		0.340	0.303		0.303	0.333		0.333				
Utkal D	CM(SP)	NRS	NALCO	Odisha								2.000	2.000				
Total NRS					0.340	0.000	0.340	0.303	0.000	0.303	0.333	2.000	2.333				
Total Public					0.340	62.201	62.542	0.303	84.868	85.171	0.333	105.243	105.576				
Moher & Moher Amlori Extn	CMN	Power	SPL	Madhya Pradesh		18.039	18.039		16.312	16.312		18.276	18.276				
Amelia North	CM(SP)		JPVL	Pradesh		2.800	2.800		3.360	3.360		3.920	3.920				
Sarshatali			CESC	West Bengal		1.637	1.637		1.801	1.801		1.293	1.293				
Total Power					0.000	22.477	22.477	0.000	21.473	21.473	0.000	23.489	23.489				
Gare Palma IV/1	CM(SP)	Comercial	JPL	Chhattisgarh		0.363	0.363		6.000	6.000		7.195	7.195				
Gare Palma IV/7			SEML			0.786	0.786		1.200	1.200		1.440	1.440				
Gare Palma IV/2&3			JPL									0.712	0.712				
Gare Palma IV/6			JSPL									1.803	1.803				
Goitoria East & West			CM(SP)	Power	BSMPL	Madhya Pradesh			0.000		0.024	0.024		0.300	0.300		
Takli Jena Bellora					AIPL	Maharashtra							0.085	0.085			
Utkal C					JSPL	Odisha							1.027	1.027			
Total Comercial					0.000	1.150	1.150	0.000	7.224	7.224	0.000	12.562	12.562				
Gare Palma IV/4	CM(SP)	NRS	HIL	Chhattisgarh		0.560	0.560		0.560	0.560		0.468	0.468				
Gare Palma IV/5			HIL			0.000	0.000		0.000	0.000		0.000	0.000				
Chotia II			BALCO			0.000	0.000		1.000	1.000		1.000	1.000				
Gare Palma IV/8			AMBUJA			0.779	0.779		1.200	1.200		0.950	0.950				
Kathautia			CM(SP)	Power	HIL	Jharkhand		0.366	0.366		0.125	0.125		0.183	0.183		
Sial Ghogri					RCCPL	Madhya Pradesh		0.205	0.205		0.352	0.352		0.329	0.329		
Bicharpur					UTCL	Pradesh		0.021	0.021		0.359	0.359		0.750	0.750		
Belgaon					SIL			0.166	0.166		0.193	0.193		0.146	0.146		
Marki Mangli I			CM(SP)	Power	TUML	Maharashtra		0.241	0.241		0.181	0.181		0.001	0.001		
Marki Mangli III					BSIL			0.126	0.126		0.200	0.200		0.105	0.105		
Jamkhani					CM(SP)	Power	VEDANTA	Odisha			0.000		0.693	0.693		2.126	2.126
Total NRS							0.000	2.463	2.463	0.000	4.863	4.863	0.000	6.058	6.058		
Total Private					0.000	26.089	26.089	0.000	33.560	33.560	0.000	42.109	42.109				
Grand Total					0.340	88.291	88.631	0.303	118.428	118.731	0.333	147.352	147.685				

Note: Power and NRS Coal Blocks are collectively called as Captive Coal Blocks.

Table 3.27 : Month Wise and Grade Wise Coking Coal Production during 2023-24

(Qty. in MT)

Month	Item	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	Wash-VI	Total Coking	Share %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-23	Quantity			0.018	0.015	0.371	0.121	2.610	1.756		4.891	7.32%
	Growth (%)			▼ 10.00%	▲ 00.00%	▲ 83.66%	▲ 02.54%	▲ 22.48%	▲ 11.21%	▼ 100.00%	▲ 18.20%	
May-23	Quantity			0.017	0.016	0.287	0.217	2.755	1.910		5.202	7.78%
	Growth (%)			▼ 05.56%	▲ 06.67%	▲ 20.08%	▲ 13.61%	▲ 24.16%	▲ 25.74%	▼ 100.00%	▲ 23.65%	
Jun-23	Quantity		0.063	0.019	0.021	0.228	0.201	2.541	1.881	0.001	4.955	7.42%
	Growth (%)		▲ 100.00%	▲ 05.56%	▲ 10.53%	▼ 14.61%	▼ 31.16%	▲ 10.86%	▲ 18.68%	▼ 92.86%	▲ 10.43%	
Jul-23	Quantity			0.019	0.014	0.202	0.265	2.838	1.691		5.029	7.53%
	Growth (%)			▲ 00.00%	▼ 17.65%	▼ 30.58%	▲ 74.34%	▲ 23.50%	▲ 07.50%	▼ 100.00%	▲ 14.37%	
Aug-23	Quantity		0.007	0.017	0.025	0.218	0.172	2.801	1.540		4.780	7.15%
	Growth (%)		▲ 100.00%	▼ 19.05%	▲ 108.33%	▼ 10.29%	▲ 00.58%	▲ 46.04%	▼ 12.55%	▼ 100.00%	▲ 15.15%	
Sep-23	Quantity		0.002	0.016	0.055	0.191	0.252	2.579	1.593	0.001	4.689	7.02%
	Growth (%)		▲ 100.00%	▼ 23.81%	▲ 323.08%	▼ 45.11%	▲ 82.61%	▲ 42.17%	▼ 18.06%	▲ 100.00%	▲ 09.61%	
Oct-23	Quantity			0.016	0.087	0.279	0.320	2.851	1.443		4.996	7.48%
	Growth (%)			▼ 27.27%	▲ 521.43%	▲ 32.23%	▲ 83.91%	▲ 17.52%	▼ 21.96%		▲ 06.39%	
Nov-23	Quantity		0.005	0.016	0.170	0.260	0.399	2.976	1.815		5.641	8.44%
	Growth (%)		▲ 100.00%	▼ 20.00%	▲ 1033.33%	▼ 13.62%	▲ 79.73%	▲ 01.02%	▼ 11.81%		▲ 01.42%	
Dec-23	Quantity		0.003	0.018	0.200	0.331	0.485	2.695	2.145	0.011	5.888	8.81%
	Growth (%)		▲ 100.00%	▼ 14.29%	▲ 1150.00%	▼ 00.60%	▲ 77.66%	▼ 11.11%	▲ 00.00%	▲ 100.00%	▲ 01.17%	
Jan-24	Quantity		0.012	0.019	0.188	0.384	0.515	3.304	1.849	0.124	6.395	9.57%
	Growth (%)		▲ 100.00%	▼ 17.39%	▲ 1242.86%	▲ 01.59%	▲ 46.31%	▲ 22.42%	▼ 19.26%	▲ 100.00%	▲ 11.10%	
Feb-24	Quantity		0.001	0.019	0.212	0.307	0.818	3.349	1.549	0.182	6.437	9.63%
	Growth (%)		▲ 100.00%	▲ 00.00%	▲ 2020.00%	▼ 33.41%	▲ 167.32%	▲ 07.65%	▼ 23.66%	▲ 100.00%	▲ 08.44%	
Mar-24	Quantity		0.005	0.022	0.224	0.379	0.835	4.253	2.041	0.159	7.918	11.85%
	Growth (%)		▼ 91.94%	▼ 12.00%	▲ 1936.36%	▼ 25.39%	▲ 235.34%	▼ 01.69%	▼ 05.07%	▲ 100.00%	▲ 08.01%	
Total	Quantity		0.098	0.216	1.227	3.437	4.600	35.552	21.213	0.478	66.821	100.00%
	Growth (%)		▲ 58.06%	▼ 12.55%	▲ 617.54%	▼ 09.12%	▲ 74.37%	▲ 13.90%	▼ 05.64%	▲ 189.70%	▲ 09.98%	

Share of Month Wise Production of Coking Coal in 2023-24



Share of Grade Wise Production of Coking Coal in 2023-24

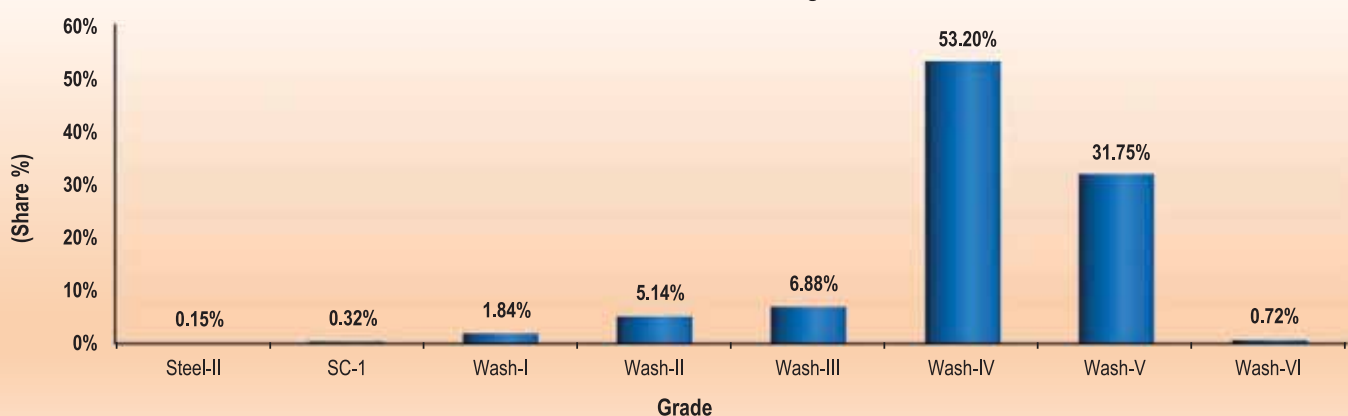
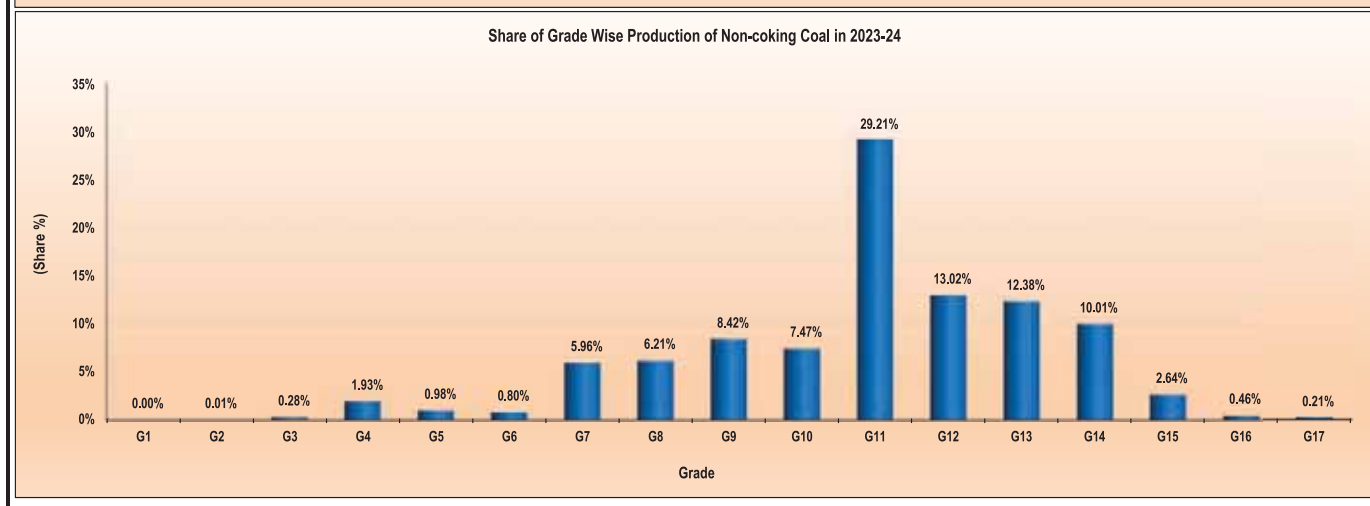
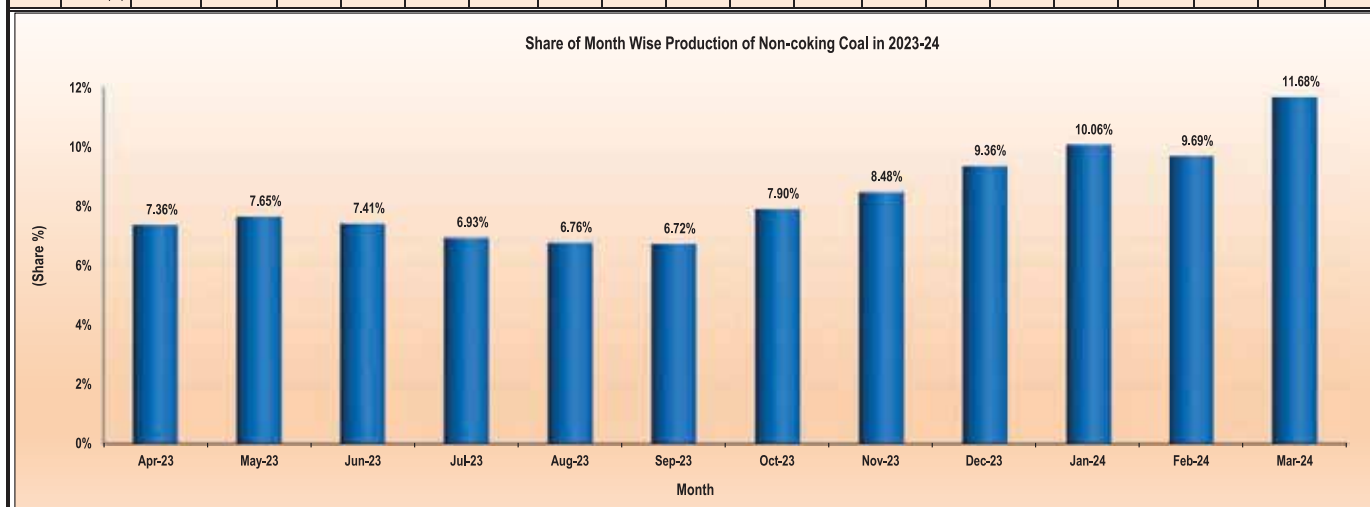


Table 3.28 : Month Wise and Grade Wise Non-coking Coal Production during 2023-24

		(Qty. in MT)																	Total N-Coking	Share %
Month	Item	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	(21)	(22)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(20)	(21)	(22)
Apr-23	Quantity	0.000	0.001	0.077	1.282	0.825	0.553	3.707	4.684	4.310	5.741	20.561	7.446	8.544	7.586	2.789	0.403	0.024	68.533	7.36%
	Growth (%)	▼ 100.00%	▼ 50.00%	▼ 08.33%	▼ 03.46%	▲ 04.56%	▲ 34.55%	▼ 16.30%	▲ 11.31%	▲ 31.48%	▲ 13.08%	▲ 06.26%	▲ 11.79%	▲ 02.45%	▲ 15.29%	▲ 82.05%	▼ 25.78%	▼ 94.70%	▲ 08.67%	
May-23	Quantity	0.002	0.001	0.139	1.295	0.861	0.580	4.510	4.928	4.396	5.707	20.779	7.759	9.118	8.291	2.190	0.486	0.168	71.210	7.65%
	Growth (%)	▲ 100.00%	▼ 90.91%	▲ 08.59%	▼ 03.07%	▲ 35.80%	▲ 48.34%	▼ 07.82%	▲ 06.25%	▲ 14.09%	▲ 16.78%	▲ 01.86%	▲ 09.68%	▼ 01.55%	▲ 10.56%	▲ 44.27%	▼ 19.00%	▼ 71.43%	▲ 06.28%	
Jun-23	Quantity	0.000	0.000	0.166	1.177	0.844	0.930	4.525	4.419	4.811	5.985	20.295	7.276	8.456	7.151	2.521	0.295	0.121	68.972	7.41%
	Growth (%)	▲ 00.00%	▼ 100.00%	▲ 36.07%	▼ 04.93%	▲ 22.14%	▲ 154.79%	▲ 25.55%	▼ 10.24%	▲ 41.04%	▲ 26.75%	▼ 313.32%	▼ 01.24%	▲ 06.03%	▼ 02.18%	▲ 54.47%	▼ 39.55%	▼ 77.04%	▲ 09.71%	
Jul-23	Quantity	0.000	0.001	0.192	1.129	0.752	0.628	5.116	4.049	5.226	4.585	17.259	7.755	7.875	7.128	2.431	0.221	0.204	64.551	6.93%
	Growth (%)	▼ 100.00%	▼ 88.89%	▲ 42.22%	▼ 07.61%	▼ 16.35%	▲ 67.91%	▲ 39.14%	▼ 02.39%	▲ 55.44%	▲ 19.18%	▲ 19.41%	▲ 14.85%	▲ 05.70%	▲ 01.87%	▲ 42.00%	▼ 58.30%	▼ 37.99%	▲ 15.47%	
Aug-23	Quantity	0.000	0.000	0.185	1.067	0.629	0.375	4.714	4.231	4.955	4.015	16.548	7.418	8.717	8.256	1.435	0.326	0.103	62.974	6.76%
	Growth (%)	▲ 00.00%	▼ 100.00%	▲ 49.19%	▼ 03.09%	▼ 26.60%	▲ 30.66%	▲ 16.71%	▼ 07.58%	▲ 35.60%	▲ 09.43%	▲ 15.57%	▲ 23.86%	▲ 27.76%	▲ 21.66%	▼ 16.67%	▲ 09.40%	▼ 65.32%	▲ 16.81%	
Sep-23	Quantity	0.000	0.006	0.176	1.029	0.671	0.448	4.549	4.224	5.465	3.510	15.828	7.800	8.270	8.275	1.929	0.300	0.090	62.570	6.72%
	Growth (%)	▲ 00.00%	▲ 500.00%	▲ 37.50%	▼ 05.77%	▼ 09.69%	▲ 22.40%	▲ 24.49%	▲ 16.01%	▲ 47.42%	▼ 20.19%	▲ 18.77%	▲ 24.38%	▲ 15.37%	▲ 17.49%	▲ 06.22%	▲ 4900.00%	▼ 76.62%	▲ 16.40%	
Oct-23	Quantity	0.020	0.000	0.215	1.259	0.743	0.479	4.682	4.272	6.782	4.595	20.296	9.794	9.163	8.391	2.189	0.532	0.164	73.576	7.90%
	Growth (%)	▲ 100.00%	▼ 100.00%	▲ 43.33%	▲ 04.31%	▼ 02.62%	▲ 13.24%	▲ 23.34%	▲ 12.39%	▲ 78.05%	▼ 20.34%	▲ 20.86%	▲ 33.60%	▲ 16.95%	▲ 10.58%	▲ 08.69%	▲ 1230.00%	▼ 45.51%	▲ 19.38%	
Nov-23	Quantity	0.012	0.018	0.242	1.544	0.932	0.550	5.182	4.564	7.329	5.458	21.149	12.683	10.140	6.804	1.693	0.430	0.189	78.919	8.48%
	Growth (%)	#DIV/0!	▲ 1700.00%	▲ 83.33%	▲ 09.04%	▲ 19.18%	▲ 06.18%	▲ 31.32%	▲ 10.08%	▲ 71.88%	▼ 14.49%	▲ 01.99%	▲ 49.76%	▲ 15.20%	▼ 17.23%	▼ 25.81%	▲ 430.86%	▼ 55.42%	▲ 11.78%	
Dec-23	Quantity	0.001	0.016	0.277	1.769	0.700	0.652	4.940	5.256	7.843	6.763	24.951	13.661	10.875	7.156	1.786	0.423	0.031	87.100	9.36%
	Growth (%)	▼ 66.67%	▲ 23.08%	▲ 59.20%	▲ 14.13%	▼ 14.74%	▲ 25.14%	▲ 21.47%	▲ 09.39%	▲ 71.17%	▼ 16.07%	▲ 08.25%	▲ 60.40%	▲ 15.65%	▼ 16.59%	▼ 44.01%	▲ 07.63%	▼ 91.58%	▲ 11.51%	
Jan-24	Quantity	0.011	0.006	0.316	1.968	0.735	0.816	4.750	5.561	9.571	6.798	28.334	13.355	11.677	7.480	1.950	0.261	0.084	93.673	10.06%
	Growth (%)	▲ 266.67%	▼ 53.85%	▲ 95.06%	▲ 31.73%	▼ 33.12%	▲ 11.17%	▲ 14.82%	▲ 06.74%	▲ 79.74%	▼ 20.54%	▲ 09.14%	▲ 45.53%	▲ 12.72%	▼ 15.22%	▼ 24.04%	▼ 36.34%	▼ 86.52%	▲ 10.64%	
Feb-24	Quantity	0.002	0.027	0.321	2.031	0.674	0.636	4.381	5.737	8.581	7.638	28.180	11.949	10.271	7.756	1.839	0.000	0.146	90.169	9.69%
	Growth (%)	▼ 60.00%	▲ 200.00%	▲ 83.43%	▲ 39.20%	▼ 17.20%	▼ 31.39%	▲ 32.12%	▲ 19.30%	▲ 65.98%	▼ 08.21%	▲ 96.15%	▲ 27.10%	▲ 18.79%	▼ 09.43%	▼ 03.77%	▼ 100.00%	▼ 72.24%	▲ 12.11%	
Mar-24	Quantity	0.005	0.018	0.287	2.458	0.762	0.801	4.458	5.884	9.139	8.732	37.776	14.330	12.165	8.875	1.835	0.646	0.587	108.758	11.68%
	Growth (%)	▲ 400.00%	▼ 05.26%	▲ 52.66%	▲ 48.25%	▼ 24.48%	▼ 35.25%	▲ 25.30%	▲ 08.98%	▲ 04.88%	▼ 08.54%	▲ 08.39%	▲ 45.01%	▲ 06.04%	▼ 05.99%	▼ 28.07%	▲ 49.54%	▲ 13.54%	▲ 08.24%	
Total	Quantity	0.053	0.094	2.593	18.008	9.128	7.448	55.514	57.809	78.408	69.527	271.956	121.226	115.271	93.149	24.587	4.323	1.911	931.005	100.00%
	Growth (%)	▲ 253.33%	▲ 13.25%	▲ 52.35%	▲ 11.84%	▼ 07.81%	▲ 13.64%	▲ 19.63%	▲ 07.73%	▲ 47.58%	▼ 05.06%	▼ 131.70%	▲ 30.50%	▲ 11.34%	▼ 00.30%	▲ 00.57%	▲ 01.08%	▼ 64.20%	▲ 11.84%	



04.

Despatch & Off-take



Section IV

4.1 Despatch & Off-take

4.1.1 In 2023-24, despatch of raw coal was 973.009 MT, against 877.369 MT in 2022-23, thus an Increase of 10.90% over 2022-23 can be observed.

4.1.2 Statement 4.1 shows despatch of raw coal (coking and non-coking) by public and private sector in 2023-24.

Statement 4.1: Despatch of Raw Coal			
Company	Coal Despatch (2023-24) [MT]		
	Coking	Non-Coking	Total
ECL	0.012	43.587	43.599
BCCL	37.462	1.808	39.270
CCL	19.905	63.005	82.910
NCL		137.631	137.631
WCL	0.039	70.203	70.242
SECL*	0.218	180.563	180.781
MCL		198.932	198.932
NEC		0.168	0.168
CIL	57.636	695.897	753.533
SCCL		69.858	69.858
Other Public	0.464	102.109	102.573
Total Public	58.100	867.864	925.964
Total Private	5.904	41.141	47.045
All India	64.004	909.005	973.009

*SECL Includes GP-IV/2&3 coal blocks.

It can be seen that Coal India Limited accounted for 77.44% of coal despatch in the country. The share of SCCL in the coal despatch was 7.18% and the contribution of private sector was 4.84%. In the CIL group, the major share in despatch was MCL (20.45%),

SECL (Includes GP-IV/2&3 coal blocks) (18.58%), and NCL (14.14%). These three companies collectively accounted for 53.17% of the raw coal despatch at all India level.

4.1.3 Concept of despatch and off-take has been explained in Section 1. In Statement 4.2, despatch and off-take or raw coal in 2023-24, has been shown.

Statement 4.2: Despatch and Off-take of Raw Coal in India in 2023-24 by Company [MT]		
Company	Raw Coal	
	Despatch	Off-take
ECL	43.599	43.746
BCCL	39.270	39.270
CCL	82.910	82.910
NCL	137.631	137.631
WCL	70.242	70.246
SECL*	180.781	180.789
MCL	198.932	198.932
NEC	0.168	0.168
CIL	753.533	753.692
SCCL	69.858	69.858
Other Public	102.573	102.573
Total Public	925.964	926.123
Total Private	47.045	47.045
All India	973.009	973.168

*SECL Includes GP-IV/2&3 coal blocks.

4.1.4 Statement 4.3 shows despatch of washed coal and middlings in 2023-24 by different companies. It may be observed that share of public sector in washed coal was 69.90% and middling was 66.51%.

Statement 4.3: Despatch of Washed Coal and Middlings in 2023-24 (MT)		
Company	Washed Coal	Middlings
BCCL	1.464	2.766
CCL	4.501	1.166
IISCO	0.498	0.687
RRVUNL	5.641	
Public	12.104	4.619
TSL	2.661	1.562
CESC	0.494	
JPL	1.374	
JSPL	0.191	0.162
SEML	0.492	0.601
BSIL	0.001	0.001
Private	5.213	2.326
Total	17.317	6.945

4.1.5 Statement 4.4 shows details on despatch and off-take of raw coal to different sectors of the industry in the country during 2023-24. It may be seen that out of total despatch to different sector, maximum share was of power utility 81.82% and power captive 6.50%. The share of steel, cement, sponge Iron etc. are shown in the statement.

Statement 4.4: Despatch of Raw Coal in India in 2023-24 to different sectors [MT]	
Sector	Despatch & Off-take
Power (Utility)	796.086
Power (Captive)	63.250
Steel	17.344
Sponge Iron	11.965
Cement	9.163
Other Basic Metal	6.891
Pulp & Paper	1.027
Fertilizers	0.800
Chemical	0.197
Textiles & Rayons	0.173
Bricks	0.100
Others	66.013
Total Despatch	973.009
Colliery Consumption	0.159
Total Off-take	973.168

4.1.6 Statement 4.5 shows that out of total despatch of lignite in 2023-24, share of despatch to power utility was 36.51% and power captive 47.29%.

Statement 4.5: Despatch of Lignite in India in 2023-24 to different sectors [MT]	
Sector	Despatch & Off-take
Power (Utility)	15.533
Power (Captive)	20.142
Steel	0.086
Cement	0.131
Fertilisers	0.001
Pulp & Paper	1.039
Chemical	0.139
Textiles & Rayons	0.994
Bricks	0.438
Others	4.071
Total Despatch	42.594
Colliery Consumption	0.000
Total Off-take	42.594

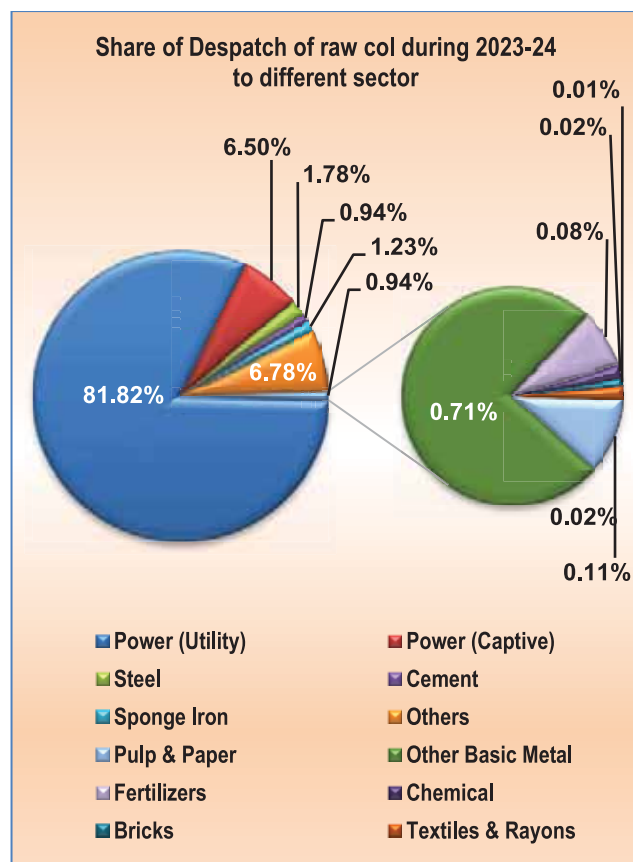


Chart IV-I : Despatch of Raw Coal from different State during last Three Years

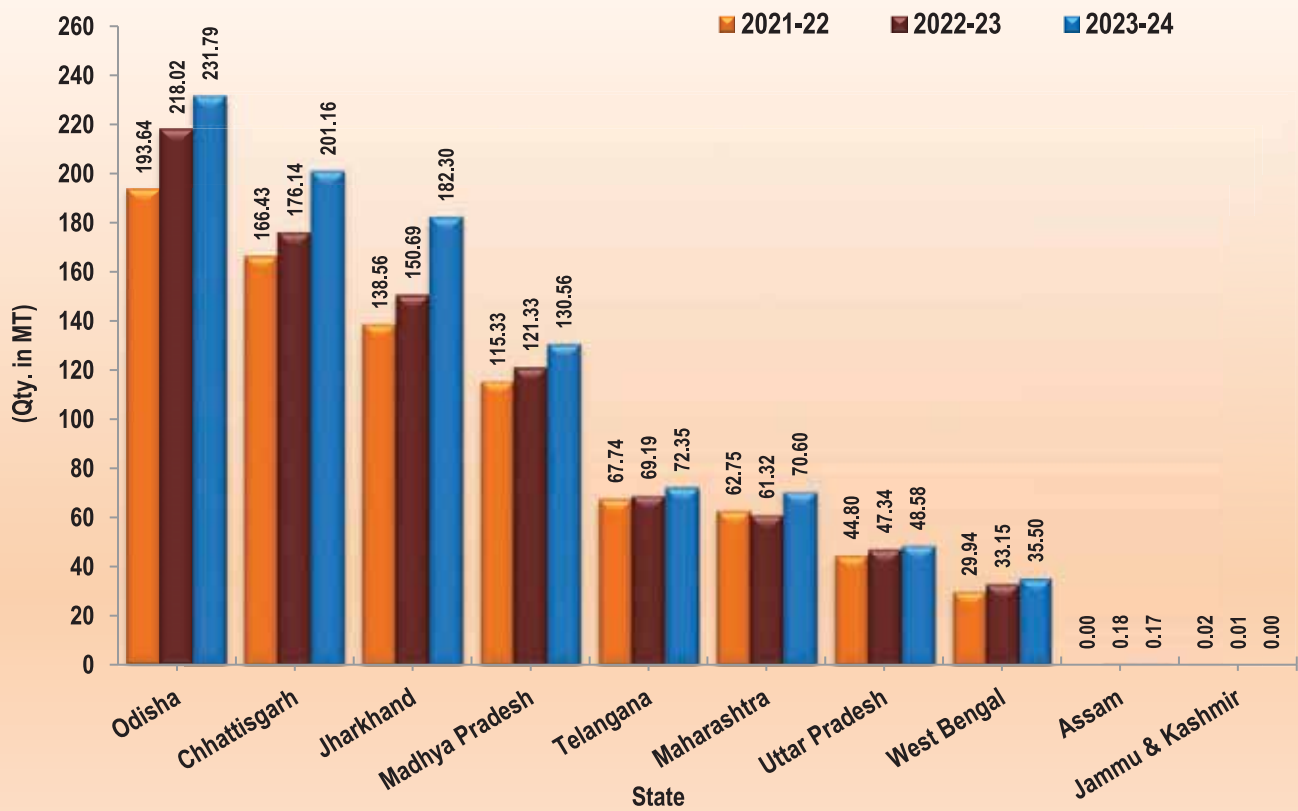
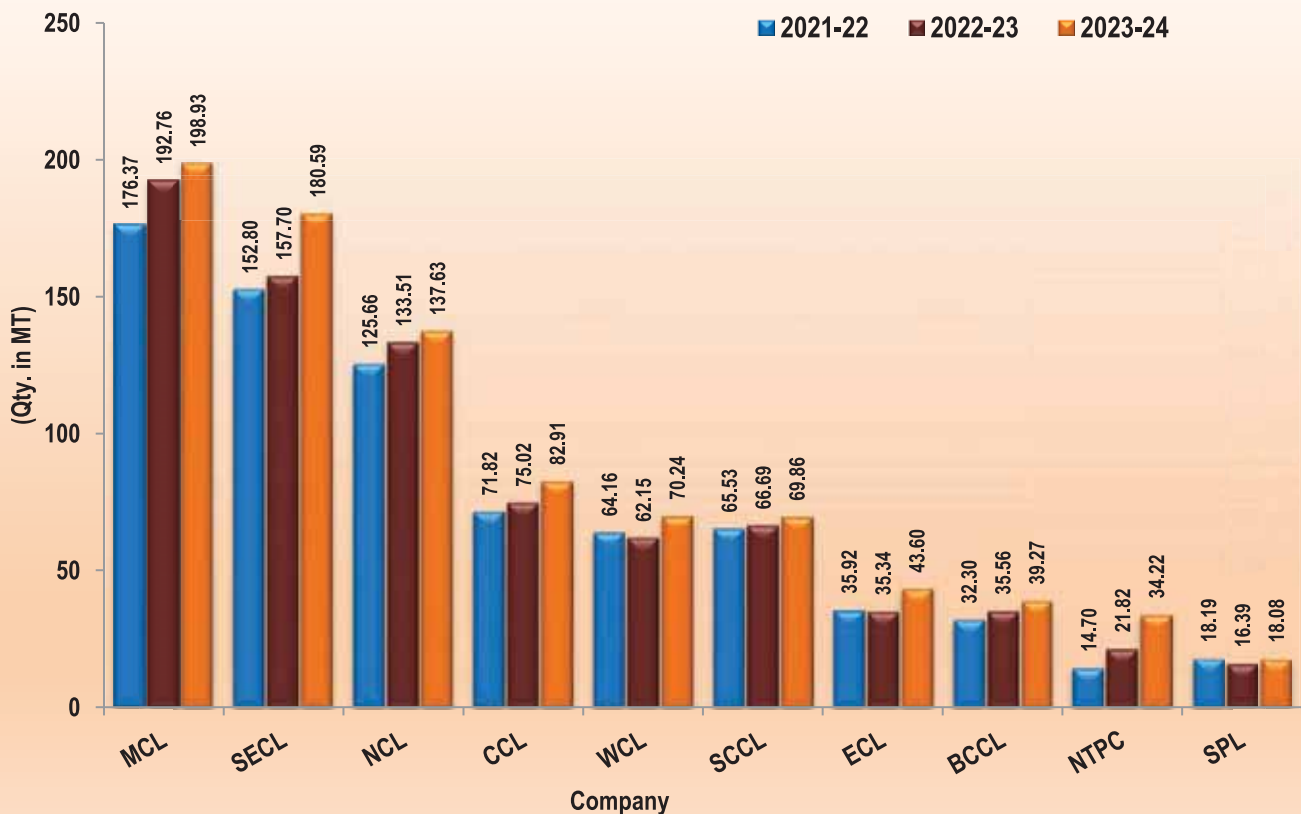


Chart IV-II : Despatch of Raw Coal from different top Ten Companies during last Three Years



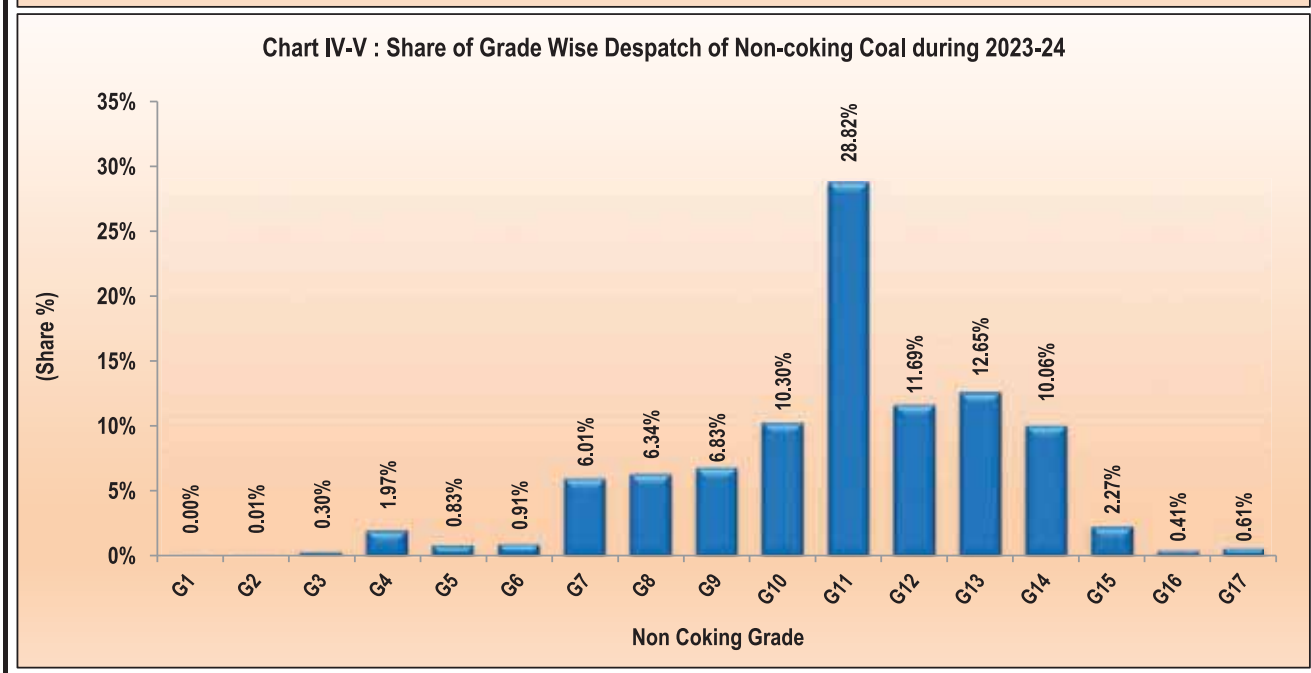
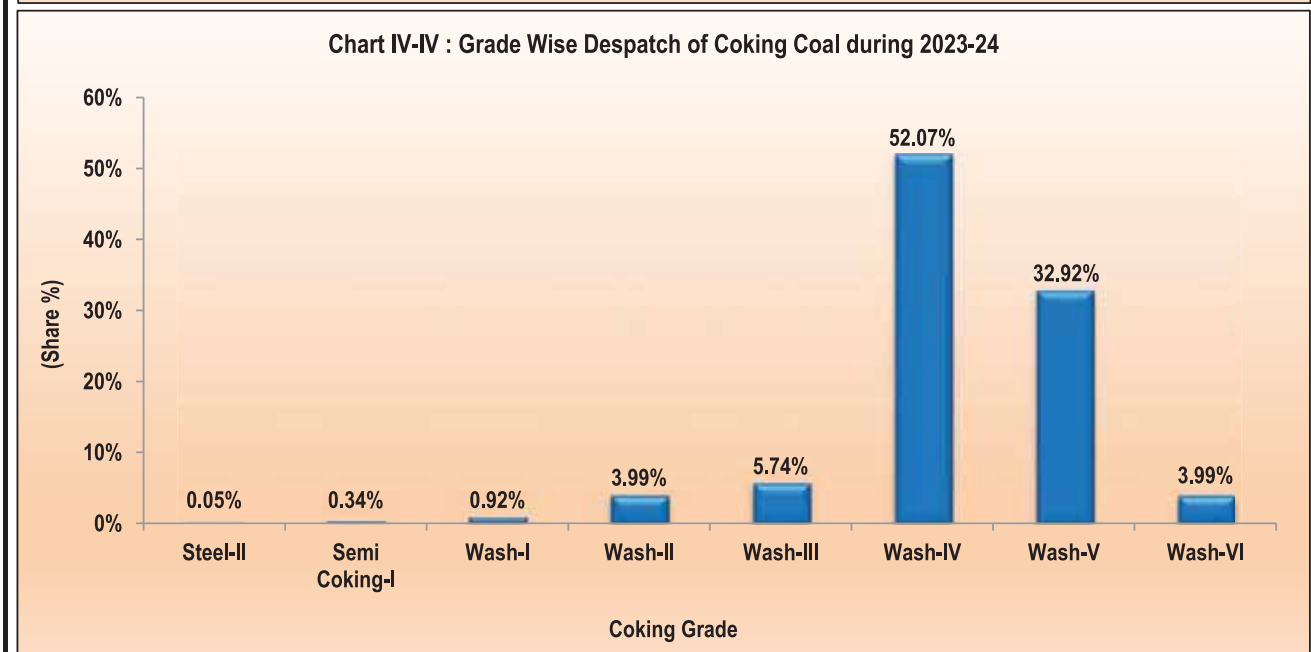
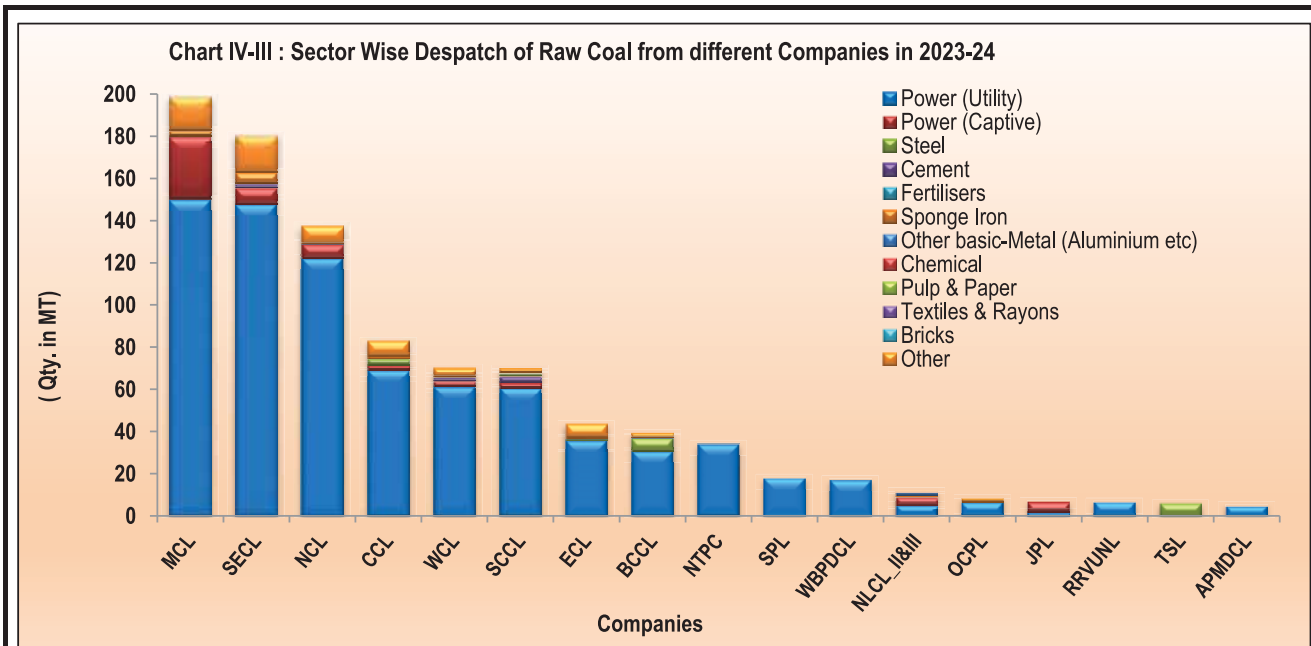
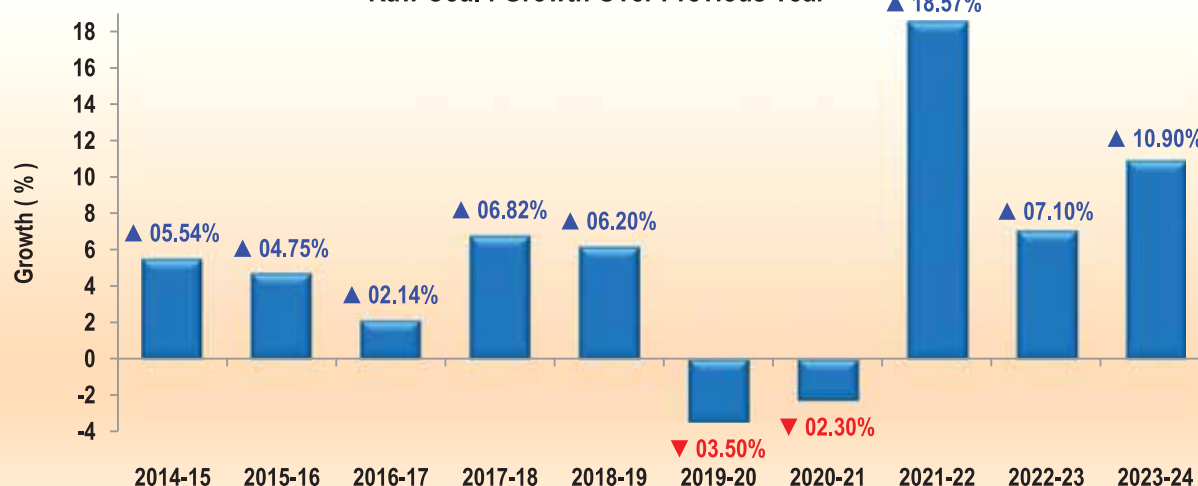


Table 4.1 : Despatch of Raw Coal and Lignite during last Ten Years

(Qty. in MT)

Year	Raw coal			Lignite			Total Solid Fossil Fuel	
	Quantity	Share in Total Solid Fossil Fuel (%)	Change Over Previous Year (%)	Quantity	Share in Total Solid Fossil Fuel (%)	Change Over Previous Year (%)	Quantity	Change Over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2014-15	603.772	92.78	▲ 05.54%	46.954	7.22	▲ 06.96%	650.726	▲ 05.64%
2015-16	632.442	93.74	▲ 04.75%	42.211	6.26	▼ 10.10%	674.653	▲ 03.68%
2016-17	645.978	93.74	▲ 02.14%	43.155	6.26	▲ 02.24%	689.133	▲ 02.15%
2017-18	690.003	93.71	▲ 06.82%	46.317	6.29	▲ 07.33%	736.320	▲ 06.85%
2018-19	732.794	94.12	▲ 06.20%	45.810	5.88	▼ 01.09%	778.604	▲ 05.74%
2019-20	707.176	94.36	▼ 03.50%	42.267	5.64	▼ 07.73%	749.443	▼ 03.75%
2020-21	690.884	94.72	▼ 02.30%	38.492	5.28	▼ 08.93%	729.376	▼ 02.68%
2021-22	819.213	94.35	▲ 18.57%	49.074	5.65	▲ 27.49%	868.287	▲ 19.05%
2022-23	877.369	94.93	▲ 07.10%	46.822	5.07	▼ 04.59%	924.191	▲ 06.44%
2023-24	973.009	95.81	▲ 10.90%	42.594	4.19	▼ 09.03%	1015.603	▲ 09.89%

Raw Coal : Growth Over Previous Year



Lignite : Growth Over Previous Year

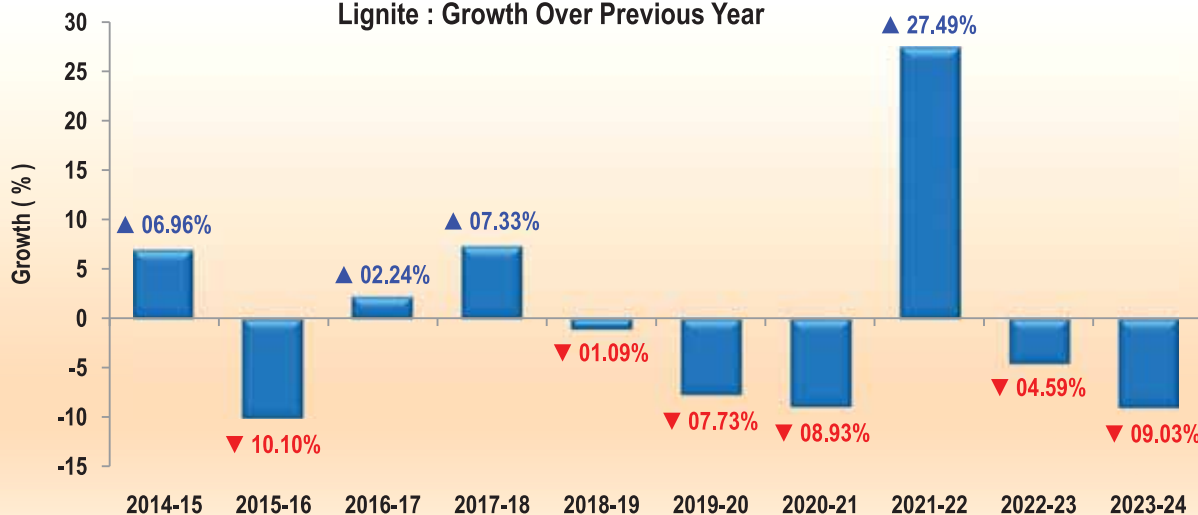
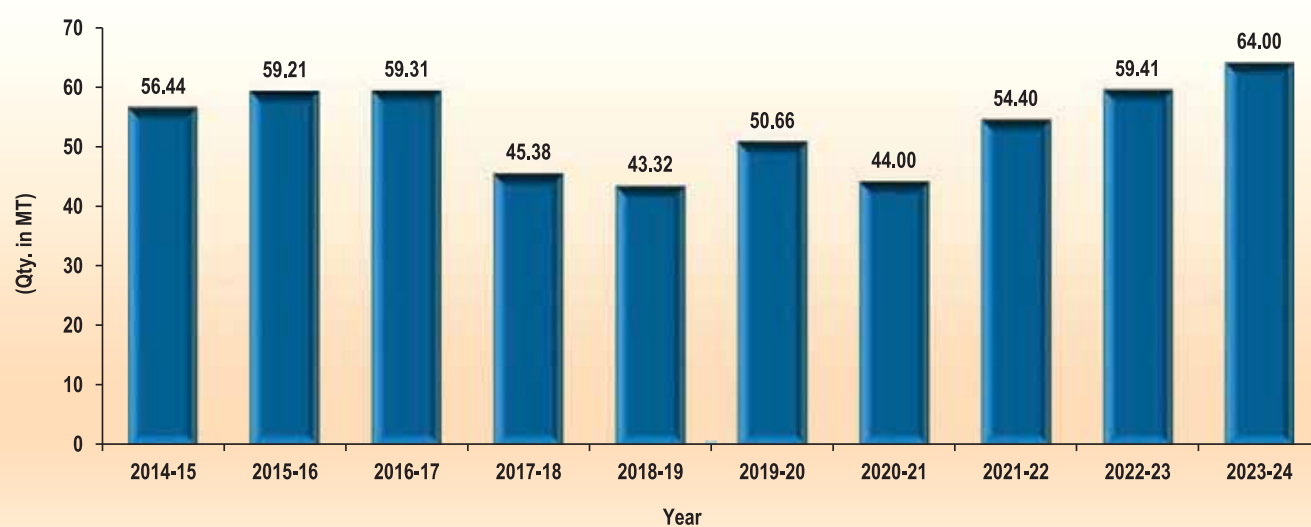


Table 4.2 : Despatch of Different Types of Raw Coal during last Ten Years

(Qty. in MT)

Year	Coking Coal									Non Coking Coal			Raw Coal	
	Metallurgical Coal			Non-Metallurgical Coal			Total Coking Coal			Quantity	Share in Total Raw Coal (%)	Change Over Previous Year (%)	Quantity	Change Over Previous Year (%)
	Quantity	Share in Total Coking Coal (%)	Change Over Previous Year (%)	Quantity	Share in Total Coking Coal (%)	Change Over Previous Year (%)	Quantity	Share in Total Raw Coal (%)	Change Over Previous Year (%)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2014-15	13.264	23.50	▼ 12.94%	43.174	76.50	▼ 00.12%	56.438	9.35	▼ 03.47%	547.334	90.65	▲ 06.57%	603.772	▲ 05.54%
2015-16	13.866	23.42	▲ 04.54%	45.347	76.58	▲ 05.03%	59.213	9.36	▲ 04.92%	573.229	90.64	▲ 04.73%	632.442	▲ 04.75%
2016-17	14.039	23.67	▲ 01.25%	45.269	76.33	▼ 00.17%	59.308	9.18	▲ 00.16%	586.670	90.82	▲ 02.34%	645.978	▲ 02.14%
2017-18	34.199	75.36	▲ 143.60%	11.181	24.64	▼ 75.30%	45.380	6.58	▼ 23.48%	644.623	93.42	▲ 09.88%	690.003	▲ 06.82%
2018-19	35.255	81.39	▲ 03.09%	8.063	18.61	▼ 27.89%	43.318	5.91	▼ 04.54%	689.476	94.09	▲ 06.96%	732.794	▲ 06.20%
2019-20	34.784	68.67	▼ 01.34%	15.872	31.33	▲ 96.85%	50.656	7.16	▲ 16.94%	656.520	92.84	▼ 04.78%	707.176	▼ 03.50%
2020-21	29.569	67.20	▼ 14.99%	14.431	32.80	▼ 09.08%	44.000	6.37	▼ 13.14%	646.884	93.63	▼ 01.47%	690.884	▼ 02.30%
2021-22	36.874	67.78	▲ 24.70%	17.530	32.22	▲ 21.47%	54.403	6.64	▲ 23.64%	764.810	93.36	▲ 18.23%	819.213	▲ 18.57%
2022-23	40.917	68.87	▲ 10.97%	18.496	31.13	▲ 05.51%	59.413	6.77	▲ 09.21%	817.956	93.23	▲ 06.95%	877.369	▲ 07.10%
2023-24	46.067	71.98	▲ 12.59%	17.937	28.02	▼ 03.02%	64.004	6.58	▲ 07.73%	909.005	93.42	▲ 11.13%	973.009	▲ 10.90%

Coking Coal : Despatch



Non Coking Coal : Despatch

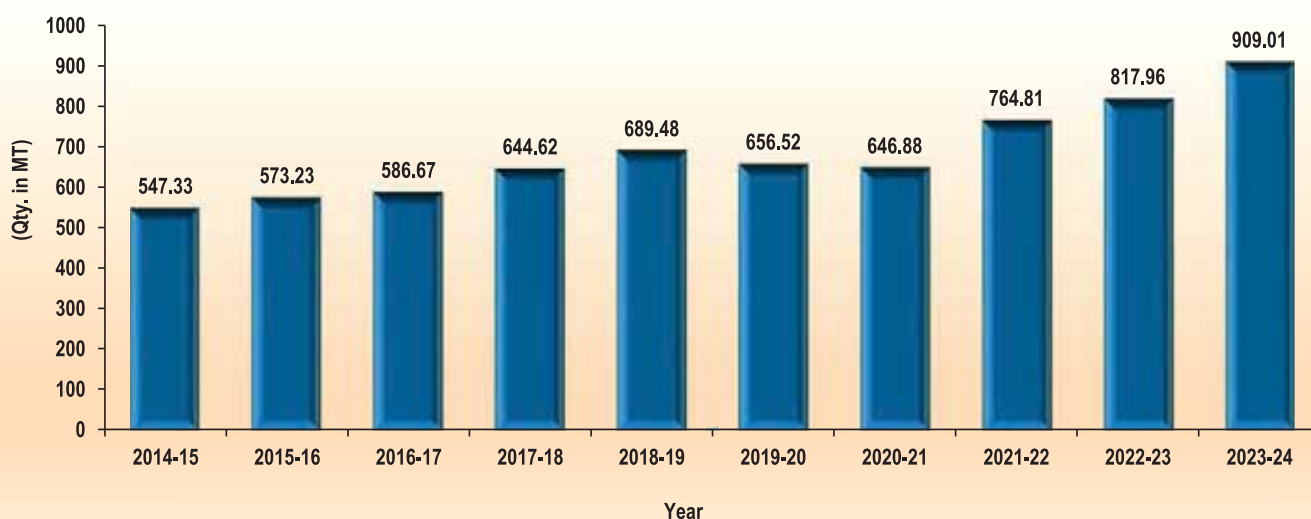
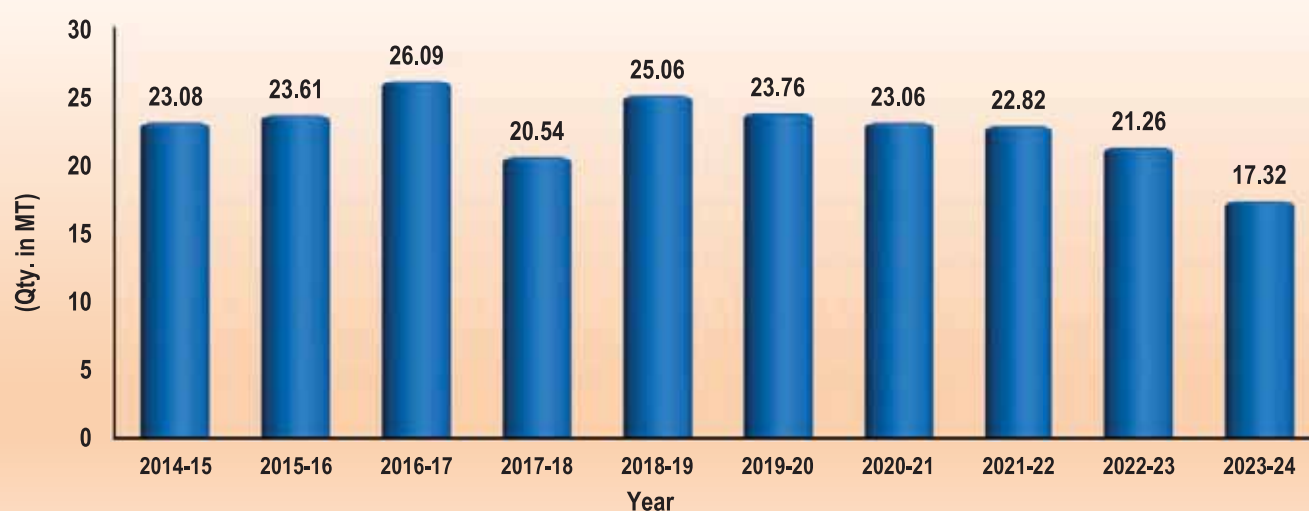


Table 4.3 : Despatch of Different types of Coal Products in last Ten Years

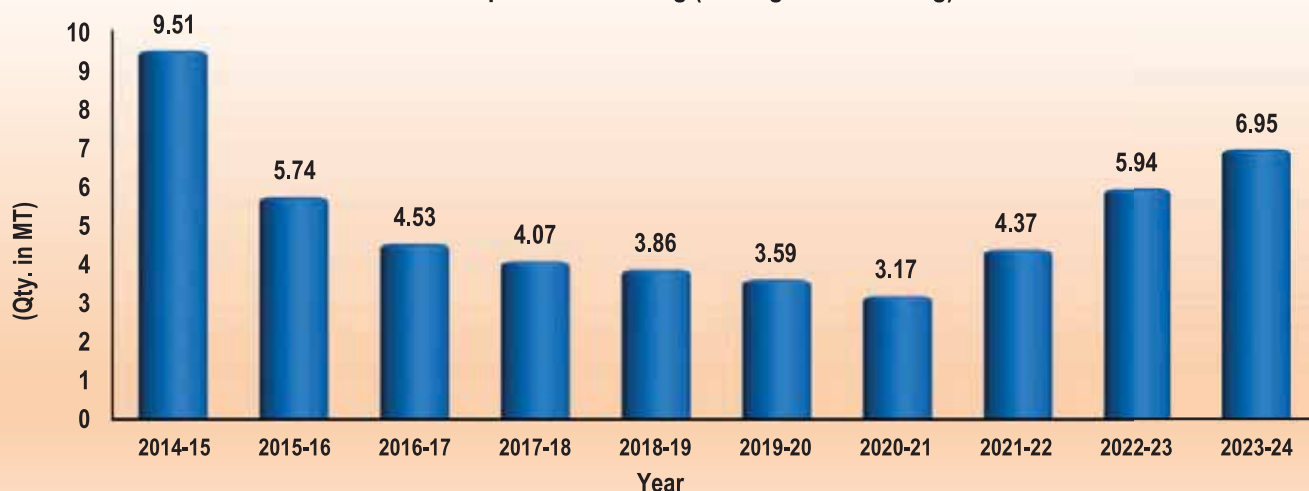
(Qty. in MT)

Year	Washed Coal (Coking)		Washed Coal (N-Coking)		Middlings (Coking)		Middlings (N-Coking)	
	Despatch	Percentage of change over previous year	Despatch	Percentage of change over previous year	Despatch	Percentage of change over previous year	Despatch	Percentage of change over previous year
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2014-15	6.080	▼ 08.50%	16.998	▲ 09.99%	5.012	▲ 02.41%	4.493	▲ 16.58%
2015-16	6.068	▼ 00.20%	17.544	▲ 03.21%	5.735	▲ 14.43%	0.000	-
2016-17	6.515	▲ 07.37%	19.579	▲ 11.60%	4.525	▼ 21.10%	0.000	-
2017-18	5.778	▼ 11.31%	14.763	▼ 24.60%	4.071	▼ 10.03%	0.000	-
2018-19	5.551	▼ 03.93%	19.513	▲ 32.18%	3.856	▼ 05.28%	0.000	-
2019-20	5.305	▼ 04.43%	18.456	▼ 05.42%	3.591	▼ 06.87%	0.000	-
2020-21	4.458	▼ 15.97%	18.600	▲ 00.78%	3.168	▼ 11.78%	0.006	-
2021-22	4.795	▲ 07.56%	18.029	▼ 03.07%	2.869	▼ 09.43%	1.499	▲ 24883.97%
2022-23	5.277	▲ 10.05%	15.985	▼ 11.34%	3.860	▲ 34.53%	2.078	▲ 38.62%
2023-24	5.370	▲ 01.76%	11.947	▼ 25.26%	6.181	▲ 60.13%	0.764	▼ 63.23%

Year Wise Despatch of Washed Coal (Coking & Non-coking)



Year Wise Despatch of Middling (Coking & Non-coking)



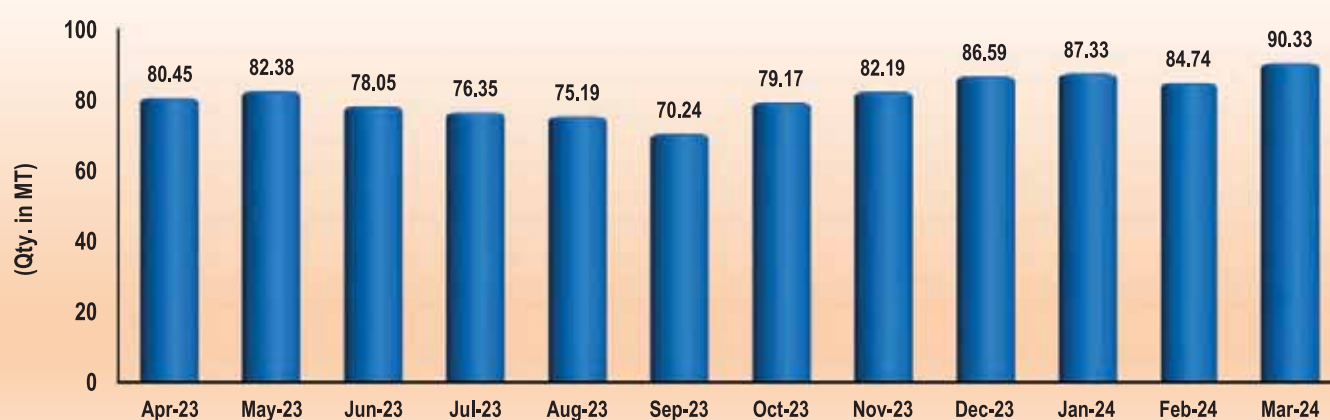
Note: 1. The above figures relates to Washeries (public & private) of only coal producing companies.

Table 4.4 : Month Wise Despatch of different types of Raw Coal and Lignite during 2023-24

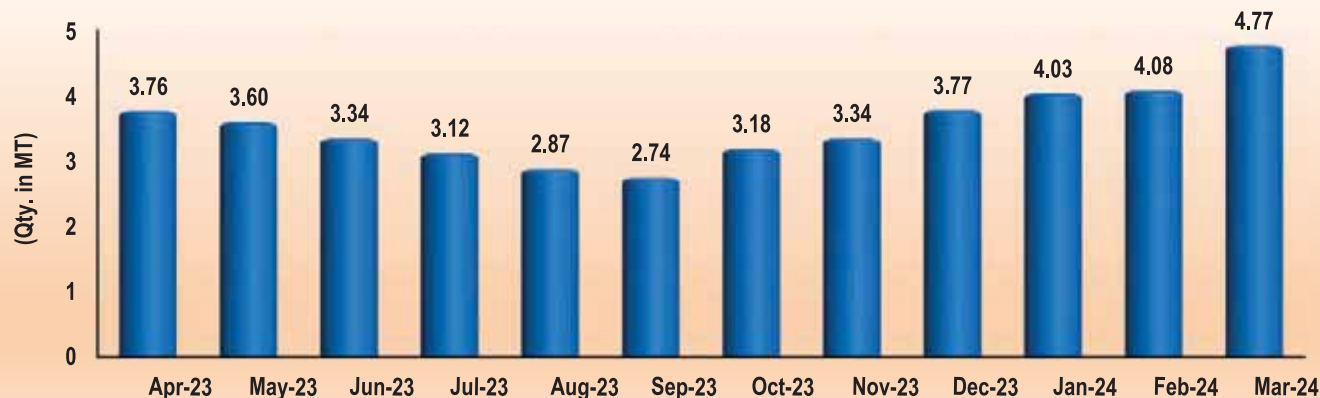
(Qty. in MT)

Month	Coking Coal			Non Coking Coal			Raw Coal			Lignite		
	Quantity	Growth %	Share %	Quantity	Growth %	Share %	Quantity	Growth %	Share %	Quantity	Growth %	Share %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-23	5.382	▲ 10.3%	8.41	75.072	▲ 12.0%	8.26	80.454	▲ 11.8%	8.27	3.758	▼ 13.9%	8.82
May-23	5.570	▲ 11.2%	8.70	76.808	▲ 5.6%	8.45	82.378	▲ 5.9%	8.47	3.595	▼ 24.6%	8.44
Jun-23	5.299	▼ 1.4%	8.28	72.755	▲ 4.4%	8.00	78.054	▲ 4.0%	8.02	3.344	▼ 30.1%	7.85
1 st Quarter	16.251	▲ 6.5%	25.39	224.635	▲ 7.2%	24.71	240.886	▲ 7.2%	24.76	10.697	▼ 23.1%	25.11
Jul-23	5.383	▲ 14.0%	8.41	70.968	▲ 13.0%	7.81	76.351	▲ 13.1%	7.85	3.115	▼ 8.8%	7.31
Aug-23	5.084	▲ 21.2%	7.94	70.108	▲ 18.8%	7.71	75.192	▲ 19.0%	7.73	2.874	▼ 7.4%	6.75
Sep-23	5.129	▲ 24.7%	8.01	65.111	▲ 14.4%	7.16	70.240	▲ 15.1%	7.22	2.740	▼ 13.1%	6.43
2 nd Quarter	15.596	▲ 19.7%	24.37	206.187	▲ 15.4%	22.68	221.783	▲ 15.7%	22.79	8.729	▼ 9.7%	20.49
Oct-23	4.817	▲ 8.7%	7.53	74.355	▲ 18.6%	8.18	79.172	▲ 18.0%	8.14	3.184	▼ 8.0%	7.48
Nov-23	5.250	▲ 0.5%	8.20	76.936	▲ 11.3%	8.46	82.186	▲ 10.5%	8.45	3.344	▼ 9.9%	7.85
Dec-23	5.368	▲ 1.2%	8.39	81.217	▲ 9.3%	8.93	86.585	▲ 8.7%	8.90	3.771	▲ 9.5%	8.85
3 rd Quarter	15.435	▲ 3.2%	24.12	232.508	▲ 12.8%	25.58	247.943	▲ 12.1%	25.48	10.299	▼ 3.0%	24.18
Jan-24	5.509	▲ 6.7%	8.61	81.822	▲ 6.5%	9.00	87.331	▲ 6.5%	8.98	4.027	▼ 2.2%	9.45
Feb-24	5.231	▲ 2.7%	8.17	79.510	▲ 14.4%	8.75	84.741	▲ 13.6%	8.71	4.076	▲ 2.1%	9.57
Mar-24	5.982	▲ 1.4%	9.35	84.343	▲ 9.1%	9.28	90.325	▲ 8.6%	9.28	4.766	▲ 5.8%	11.19
4 th Quarter	16.722	▲ 3.5%	26.13	245.675	▲ 9.9%	27.03	262.397	▲ 9.4%	26.97	12.869	▲ 2.0%	30.21
Total	64.004	▲ 7.7%	100.00	909.005	▲ 11.1%	100.00	973.009	▲ 10.9%	100.00	42.594	▼ 9.0%	100.00

Month Wise Despatch of Raw Coal in 2023-24



Monthly Despatch of Lignite in 2023-24



*Note: Growth figures are calculated on year on year basis

Table 4.5 : Month Wise Despatch of different types of Coal Products during 2023-24

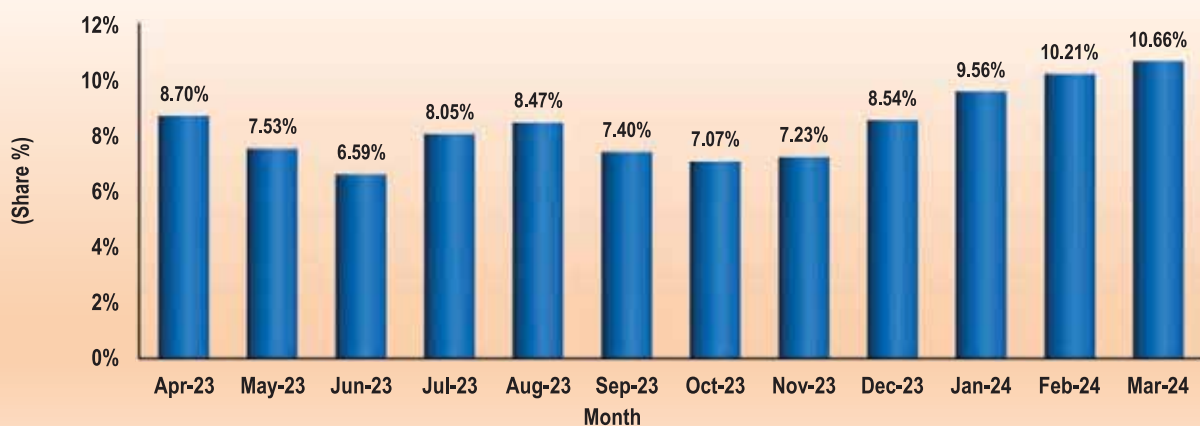
(Qty. in MT)

Month	Washed Coal (Coking)			Washed Coal(Non-Coking)			Middlings (Coking)			Middlings (Non-Coking)		
	Quantity	Growth %	Share %	Quantity	Growth %	Share %	Quantity	Growth %	Share %	Quantity	Growth %	Share %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-23	0.470	▲ 18.4%	8.75	1.642	▲ 16.2%	13.74	0.542	▲ 88.9%	8.77	0.062	▼ 56.6%	8.12
May-23	0.461	▲ 24.3%	8.58	1.539	▼ 11.9%	12.88	0.498	▲ 87.9%	8.06	0.025	▼ 88.5%	3.27
Jun-23	0.401	▲ 6.9%	7.47	1.349	▼ 22.5%	11.29	0.447	▲ 38.0%	7.23	0.011	▼ 93.6%	1.44
1st Quarter	1.332	▲ 16.5%	24.80	4.530	▼ 7.6%	37.92	1.487	▲ 69.7%	24.06	0.098	▼ 81.6%	12.83
Jul-23	0.482	▲ 10.8%	8.98	1.358	▼ 11.7%	11.37	0.505	▲ 58.8%	8.17	0.054	▼ 68.4%	7.07
Aug-23	0.385	▲ 7.5%	7.17	0.946	▼ 7.3%	7.92	0.473	▲ 67.1%	7.65	0.115	▼ 13.5%	15.05
Sep-23	0.436	▲ 10.9%	8.12	0.919	▲ 86.4%	7.69	0.431	▲ 63.3%	6.97	0.083	▼ 18.6%	10.86
2nd Quarter	1.303	▲ 9.9%	24.26	3.223	▲ 5.6%	26.98	1.409	▲ 62.9%	22.80	0.252	▼ 37.9%	32.98
Oct-23	0.433	▲ 1.9%	8.06	0.583	▲ 3.0%	4.88	0.422	▲ 57.5%	6.83	0.069	▼ 50.7%	9.03
Nov-23	0.466	▼ 4.1%	8.68	0.527	▼ 52.1%	4.41	0.489	▲ 62.5%	7.91	0.013	▼ 92.7%	1.70
Dec-23	0.456	▼ 11.6%	8.49	0.360	▼ 71.9%	3.01	0.565	▲ 50.3%	9.14	0.028	▼ 84.2%	3.66
3rd Quarter	1.355	▼ 5.0%	25.23	1.470	▼ 50.1%	12.30	1.476	▲ 56.2%	23.88	0.110	▼ 77.7%	14.40
Jan-24	0.462	▼ 14.6%	8.60	0.482	▼ 66.9%	4.03	0.605	▲ 74.4%	9.79	0.059	▼ 66.7%	7.72
Feb-24	0.456	▼ 3.0%	8.49	0.925	▼ 47.4%	7.74	0.595	▲ 55.8%	9.63	0.114	▼ 48.9%	14.92
Mar-24	0.462	▼ 9.4%	8.60	1.317	▼ 29.7%	11.02	0.609	▲ 36.9%	9.85	0.131	▼ 46.7%	17.15
4th Quarter	1.380	▼ 9.3%	25.70	2.724	▼ 46.5%	22.80	1.809	▲ 54.1%	29.27	0.304	▼ 52.9%	39.79
Total	5.370	▲ 1.8%	100.00	11.947	▼ 25.3%	100.00	6.181	▲ 60.1%	100.00	0.764	▼ 63.2%	100.00

Share of Month Wise Despatch of Washed Coal (Coking & Non-coking) in 2023-24



Share of Month Wise Despatch of Middlings (Coking & Non-coking) in 2023-24



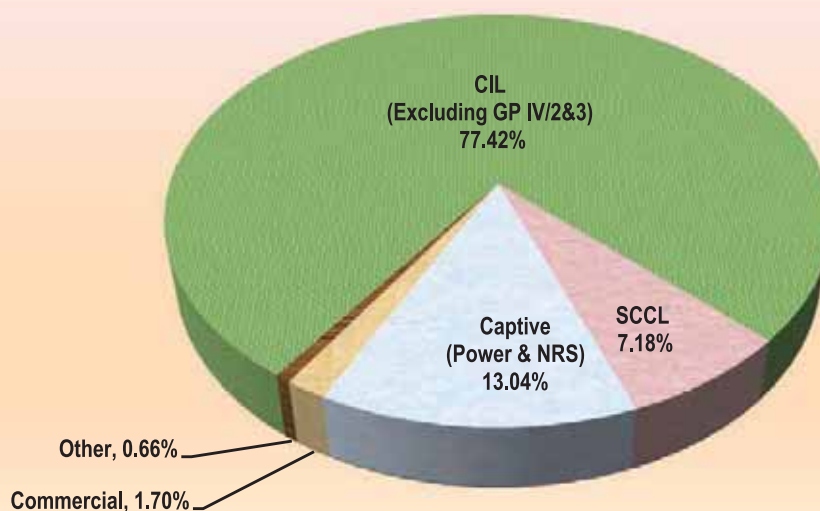
*Note: Growth figures are calculated on year basis.

Table 4.6 : Month Wise of Raw Coal Despatch CIL, SCCL, Captive, Commercial & Others during 2023-24

(Qty. in MT)

Month	CIL (Excluding GP IV/2&3)		SCCL		Captive (Power & NRS)		Commercial		Other		All India	
	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
April	62.275	77.40%	6.004	7.46%	10.473	13.02%	1.185	1.47%	0.517	0.64%	80.454	▲ 11.84%
May	63.657	77.27%	6.269	7.61%	10.518	12.77%	1.385	1.68%	0.549	0.67%	82.378	▲ 05.94%
June	60.980	78.13%	5.743	7.36%	9.720	12.45%	1.135	1.45%	0.476	0.61%	78.054	▲ 04.03%
July	59.485	77.91%	4.586	6.01%	10.585	13.86%	1.137	1.49%	0.558	0.73%	76.351	▲ 13.07%
August	59.138	78.65%	5.414	7.20%	9.147	12.16%	1.023	1.36%	0.470	0.63%	75.192	▲ 18.96%
September	55.117	78.47%	4.966	7.07%	8.891	12.66%	0.749	1.07%	0.517	0.74%	70.240	▲ 15.08%
October	61.584	77.79%	5.767	7.28%	9.663	12.21%	1.638	2.07%	0.520	0.66%	79.172	▲ 17.98%
November	63.071	76.74%	5.943	7.23%	10.935	13.31%	1.681	2.05%	0.556	0.68%	82.186	▲ 10.54%
December	66.504	76.81%	6.325	7.30%	11.466	13.24%	1.751	2.02%	0.539	0.62%	86.585	▲ 08.73%
January	67.485	77.27%	6.204	7.10%	11.317	12.96%	1.716	1.96%	0.609	0.70%	87.331	▲ 06.49%
February	65.292	77.05%	5.914	6.98%	11.508	13.58%	1.462	1.73%	0.565	0.67%	84.741	▲ 13.64%
March	68.753	76.12%	6.723	7.44%	12.636	13.99%	1.639	1.81%	0.574	0.64%	90.325	▲ 08.56%
Total	753.341	77.42%	69.858	7.18%	126.859	13.04%	16.501	1.70%	6.450	0.66%	973.009	▲ 10.90%

Share % of Raw Coal Despatch CIL, SCCL, Captive, Commercial & Others during 2023-24



Share % of Month Wise Raw Coal Despatch in India during 2023-24

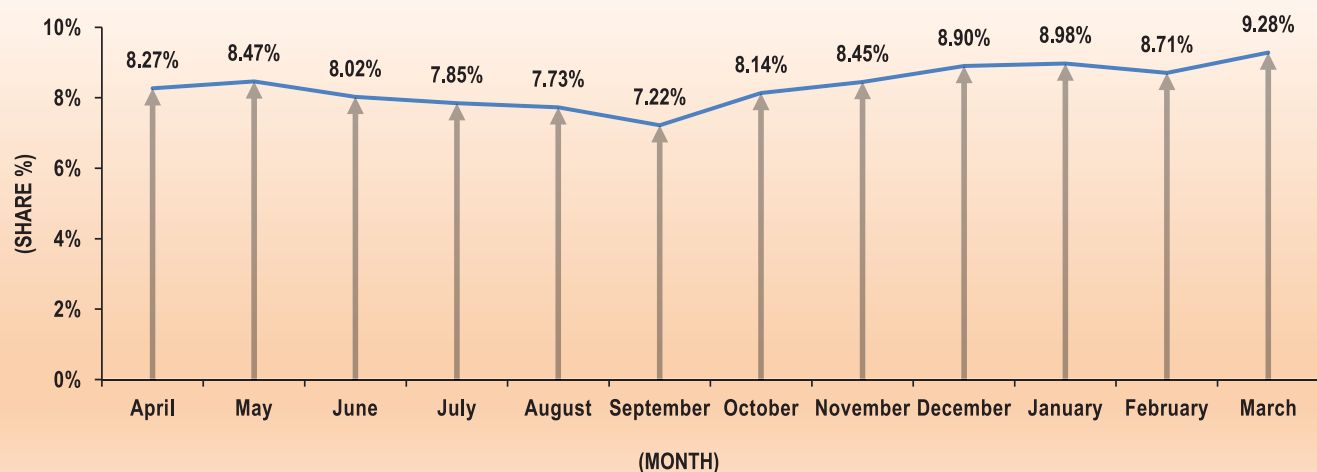


Table 4.7 : State Wise Raw Coal Despatch in India during last Ten Years

(Qty. in MT)

Year	Assam			Chhattisgarh			Jammu & Kashmir		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2014-15	0.733	0.12	▲ 27.04%	129.392	21.43	▲ 03.78%	0.013	0.00	▲ 00.00%
2015-16	0.342	0.05	▼ 53.34%	132.040	20.88	▲ 02.05%	0.012	0.00	▼ 07.69%
2016-17	0.777	0.12	▲ 127.19%	135.268	20.94	▲ 02.44%	0.011	0.00	▼ 08.33%
2017-18	0.895	0.13	▲ 15.19%	146.656	21.25	▲ 08.42%	0.021	0.00	▲ 90.91%
2018-19	0.754	0.10	▼ 15.75%	159.984	21.83	▲ 09.09%	0.016	0.00	▼ 23.81%
2019-20	0.562	0.08	▼ 25.46%	147.076	20.80	▼ 08.07%	0.010	0.00	▼ 37.50%
2020-21	0.090	0.01	▼ 83.99%	146.253	21.17	▼ 00.56%	0.008	0.00	▼ 20.00%
2021-22	0.000	0.00	▼ 100.00%	166.428	20.32	▲ 13.79%	0.018	0.00	▲ 121.46%
2022-23	0.181	0.02	▲ 100.00%	176.136	20.08	▲ 05.83%	0.010	0.00	▼ 43.56%
2023-24	0.168	0.02	▼ 07.18%	201.163	20.67	▲ 14.21%	0.004	0.00	▼ 60.00%
Year	Jharkhand			Madhya Pradesh			Maharashtra		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2014-15	122.044	20.21	▲ 04.49%	74.243	12.30	▲ 17.67%	38.553	6.39	▲ 03.62%
2015-16	118.072	18.67	▼ 03.25%	85.205	13.47	▲ 14.77%	36.444	5.76	▼ 05.47%
2016-17	120.739	18.69	▲ 02.26%	87.743	13.58	▲ 02.98%	34.954	5.41	▼ 04.09%
2017-18	126.564	18.34	▲ 04.82%	119.930	17.38	▲ 36.68%	44.070	6.39	▲ 26.08%
2018-19	136.061	18.57	▲ 07.50%	103.404	14.11	▼ 13.78%	51.793	7.07	▲ 17.52%
2019-20	132.418	18.72	▼ 02.68%	109.283	15.45	▲ 05.69%	50.008	7.07	▼ 03.45%
2020-21	122.238	17.69	▼ 07.69%	105.384	15.25	▼ 03.57%	46.571	6.74	▼ 06.87%
2021-22	138.560	16.91	▲ 13.35%	115.332	14.08	▲ 09.44%	62.755	7.66	▲ 34.75%
2022-23	150.691	17.18	▲ 08.76%	121.328	13.83	▲ 05.20%	61.320	6.99	▼ 02.29%
2023-24	182.304	18.74	▲ 20.98%	130.561	13.42	▲ 07.61%	70.595	7.26	▲ 15.13%
Year	Meghalaya			Odisha			Telangana		
	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth (%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2014-15	2.524	0.42	▼ 55.97%	125.382	20.77	▲ 07.35%	52.662	8.72	▲ 09.96%
2015-16	3.712	0.59	▲ 47.07%	140.639	22.24	▲ 12.17%	58.687	9.28	▲ 11.44%
2016-17	2.308	0.36	▼ 37.82%	143.287	22.18	▲ 01.88%	60.791	9.41	▲ 03.59%
2017-18	1.529	0.22	▼ 33.75%	138.538	20.08	▼ 03.31%	64.623	9.37	▲ 06.30%
2018-19				142.464	19.44	▲ 02.83%	68.426	9.34	▲ 05.88%
2019-20				135.878	19.21	▼ 04.62%	64.122	9.07	▼ 06.29%
2020-21				151.911	21.99	▲ 11.80%	50.533	7.31	▼ 21.19%
2021-22				193.639	23.64	▲ 27.47%	67.743	8.27	▲ 34.06%
2022-23				218.023	24.85	▲ 12.59%	69.193	7.89	▲ 02.14%
2023-24				231.789	23.82	▲ 06.31%	72.351	7.44	▲ 04.56%

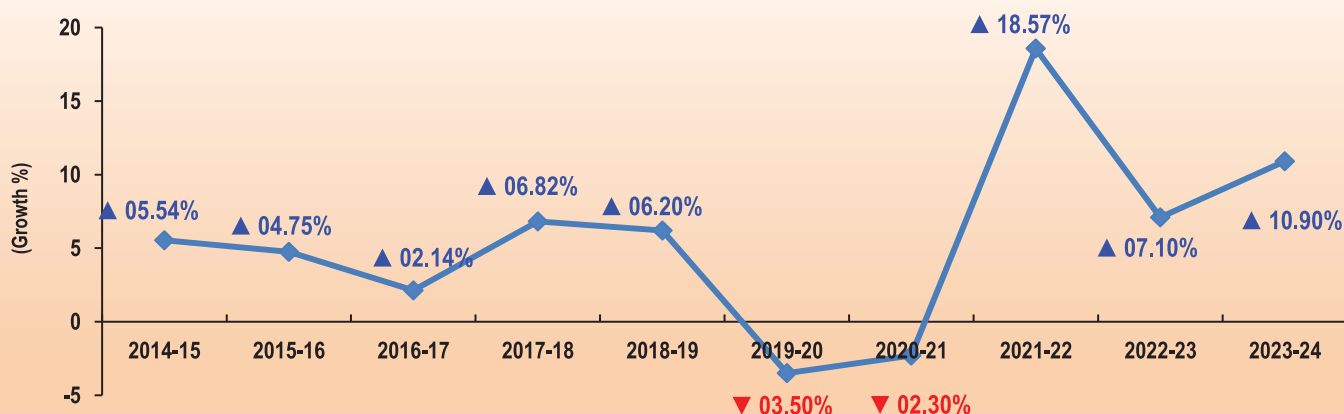
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Table 4.7 : State Wise Raw Coal Despatch in India during last Ten Years

(Qty. in MT)

Year	Uttar Pradesh			West Bengal			All India	
	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)	Quantity	Growth(%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)
2014-15	29.021	4.81	▼ 05.80%	29.205	4.84	▲ 02.58%	603.772	▲ 05.54%
2015-16	31.815	5.03	▲ 09.63%	25.474	4.03	▼ 12.78%	632.442	▲ 04.75%
2016-17	33.006	5.11	▲ 03.74%	27.094	4.19	▲ 06.36%	645.978	▲ 02.14%
2017-18	17.227	2.50	▼ 47.81%	29.950	4.34	▲ 10.54%	690.003	▲ 06.82%
2018-19	36.654	5.00	▲ 112.77%	33.238	4.54	▲ 10.98%	732.794	▲ 06.20%
2019-20	34.775	4.92	▼ 05.13%	33.044	4.67	▼ 00.58%	707.176	▼ 03.50%
2020-21	38.355	5.55	▲ 10.29%	29.541	4.28	▼ 10.60%	690.884	▼ 02.30%
2021-22	44.804	5.47	▲ 16.81%	29.935	3.65	▲ 01.33%	819.213	▲ 18.57%
2022-23	47.340	5.40	▲ 05.66%	33.147	3.78	▲ 10.73%	877.369	▲ 07.10%
2023-24	48.577	4.99	▲ 02.61%	35.497	3.65	▲ 07.09%	973.009	▲ 10.90%

Growth of all India Raw Coal Despatch in last Ten Years



Share of State Wise Raw Coal Despatch in India during 2023-24

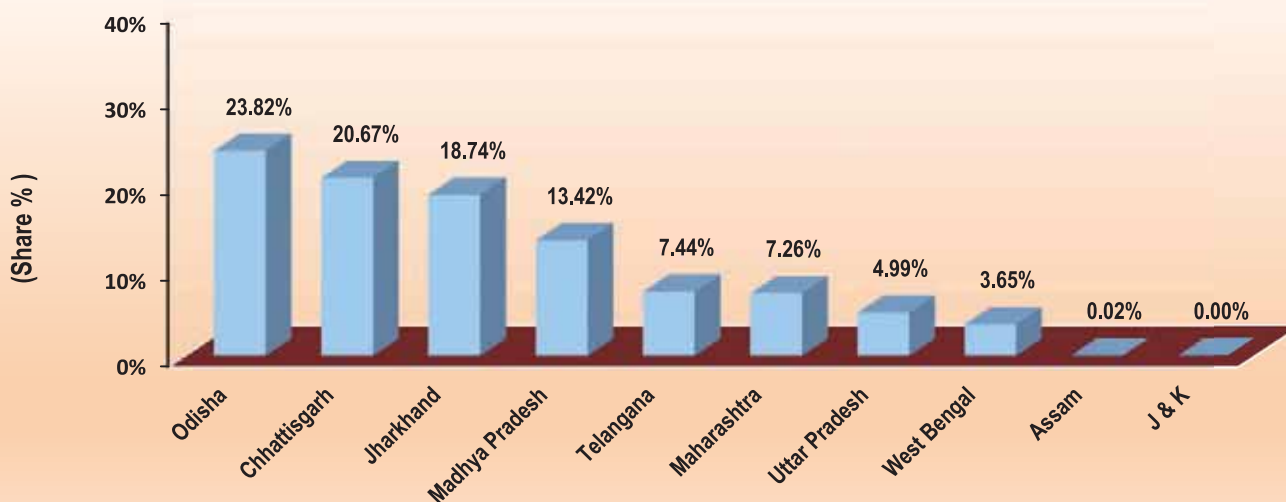


Table 4.8 : State Wise Lignite Despatch in India during last Ten Years

(Qty. in MT)

Year	Tamilnadu			Gujarat		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2014-15	24.088	51.30	▼ 01.43%	12.362	26.33	▲ 04.49%
2015-16	22.493	53.29	▼ 06.62%	10.135	24.01	▼ 18.01%
2016-17	24.165	56.00	▲ 07.43%	10.545	24.44	▲ 04.05%
2017-18	23.398	50.52	▼ 03.17%	13.779	29.75	▲ 30.67%
2018-19	24.510	53.50	▲ 04.75%	12.555	27.41	▼ 08.88%
2019-20	23.775	56.25	▼ 03.00%	10.354	24.50	▼ 17.53%
2020-21	18.516	48.10	▼ 22.12%	10.819	28.11	▲ 04.49%
2021-22	25.454	51.87	▲ 37.47%	13.385	27.27	▲ 23.72%
2022-23	24.166	51.61	▼ 05.06%	12.301	26.27	▼ 08.10%
2023-24	20.921	49.12	▼ 13.43%	11.347	26.64	▼ 07.76%

Year	Rajasthan			All India	
	Quantity	Share (%)	Growth (%)	Quantity	Growth (%)
(8)	(9)	(10)	(11)	(12)	(13)
2014-15	10.504	22.37	▲ 37.70%	46.954	▲ 06.96%
2015-16	9.583	22.70	▼ 08.77%	42.211	▼ 10.10%
2016-17	8.445	19.57	▼ 11.88%	43.155	▲ 02.24%
2017-18	9.140	19.73	▲ 08.23%	46.317	▲ 07.33%
2018-19	8.746	19.09	▼ 04.31%	45.811	▼ 01.09%
2019-20	8.138	19.25	▼ 06.95%	42.267	▼ 07.74%
2020-21	9.157	23.79	▲ 12.52%	38.492	▼ 08.93%
2021-22	10.235	20.86	▲ 11.77%	49.074	▲ 27.49%
2022-23	10.355	22.12	▲ 01.18%	46.822	▼ 04.59%
2023-24	10.326	24.24	▼ 00.28%	42.594	▼ 09.03%

Growth of all India Lignite Despatch in last Ten Years

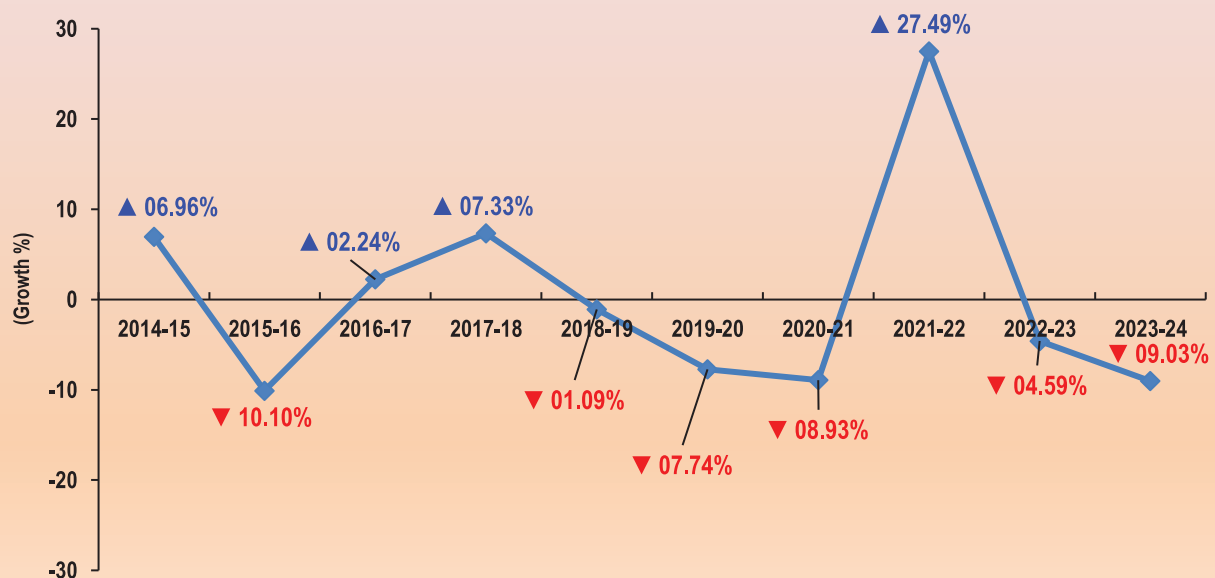


Table 4.9 : Company Wise Despatch of Raw Coal & Lignite during last Three Years

(Qty. in MT)

Company	2021-22			2022-23			2023-24		
	Coking	N-coking	Total	Coking	N-coking	Total	Coking	N-coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	0.015	35.905	35.920	0.011	35.329	35.340	0.012	43.587	43.599
BCCL	30.556	1.745	32.300	33.185	2.378	35.563	37.462	1.808	39.270
CCL	18.327	53.488	71.815	19.737	55.287	75.024	19.905	63.005	82.910
NCL		125.662	125.662		133.512	133.512		137.631	137.631
WCL	0.156	64.008	64.164	0.092	62.056	62.148	0.039	70.203	70.242
SECL	0.244	152.551	152.795	0.245	157.450	157.695	0.218	180.371	180.589
SECL(GP-IV/2&3)		2.713	2.713		2.326	2.326		0.192	0.192
MCL		176.372	176.372		192.755	192.755		198.932	198.932
NEC			0.000		0.181	0.181		0.168	0.168
Total CIL	49.297	612.444	661.741	53.270	641.274	694.544	57.636	695.897	753.533
SCCL		65.533	65.533		66.693	66.693		69.858	69.858
JKML		0.018	0.018		0.010	0.010		0.004	0.004
JSMDCL		0.054	0.054		0.312	0.312		0.338	0.338
DVC			0.000			0.000		1.314	1.314
IISCO	0.080	0.024	0.104	0.069	0.015	0.084	0.131	0.073	0.204
SAIL	0.340		0.340	0.303		0.303	0.333		0.333
RRVUNL		15.000	15.000		11.801	11.801		6.701	6.701
NTPC		14.697	14.697		21.818	21.818		34.219	34.219
WBPDCCL		11.761	11.761		15.697	15.697		17.333	17.333
CSPGCL		3.526	3.526		3.082	3.082		3.763	3.763
TGGENCO		2.210	2.210		2.500	2.500		2.493	2.493
OCPL		5.562	5.562		8.219	8.219		8.355	8.355
DPL		0.537	0.537		0.526	0.526		0.706	0.706
NLCIL		6.369	6.369		9.898	9.898		11.762	11.762
KPCL		1.217	1.217		1.646	1.646		2.492	2.492
THDC		0.000	0.000		0.000	0.000		1.266	1.266
PSPCL		0.000	0.000		0.450	0.450		4.258	4.258
APMDCL		0.000	0.000		1.420	1.420		5.032	5.032
NALCO								2.000	2.000
Total Public	49.718	738.952	788.670	53.642	785.361	839.003	58.100	867.864	925.964

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Table 4.9 : Company Wise Despatch of Raw Coal & Lignite during last Three Years

(Qty. in MT)

Company	2021-22			2022-23			2023-24		
	Coking	N-coking	Total	Coking	N-coking	Total	Coking	N-coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
TSL	4.686		4.686	5.771		5.771	5.904		5.904
HIL		0.986	0.986		0.746	0.746		0.613	0.613
SPL		18.193	18.193		16.394	16.394		18.077	18.077
SIL		0.165	0.165		0.211	0.211		0.158	0.158
CESC		1.677	1.677		1.949	1.949		1.428	1.428
BALCO			0.000		0.818	0.818		1.161	1.161
JPVL		2.800	2.800		3.139	3.139		3.940	3.940
JPL		0.286	0.286		5.611	5.611		6.874	6.874
RCCPL		0.205	0.205		0.352	0.352		0.328	0.328
TUML		0.197	0.197		0.202	0.202		0.023	0.023
AMBUJA		0.828	0.828		1.107	1.107		0.899	0.899
VEDANTA					0.038	0.038		2.591	2.591
BSMPL					0.018	0.018		0.289	0.289
SEML		0.396	0.396		1.491	1.491		1.516	1.516
BSIL		0.106	0.106		0.164	0.164		0.061	0.061
UTCL		0.018	0.018		0.355	0.355		0.585	0.585
JSPL								2.534	2.534
AIPL								0.064	0.064
Total Private	4.686	25.858	30.543	5.771	32.595	38.366	5.904	41.141	47.045
All India	54.403	764.810	819.213	59.413	817.956	877.369	64.004	909.005	973.009
LIGNITE :									
NLCIL			26.932			26.177			23.019
GMDCL			8.554			7.580			6.371
GIPCL			2.910			3.050			3.043
GPCL			1.852			1.580			1.843
RSMML			1.981			1.208			1.098
GHCL			0.069			0.091			0.090
VSLPPL			0.980			1.011			0.918
BLMCL			5.796			6.125			6.212
All India			49.074			46.822			42.594
Total Coal & Lignite			868.287			924.191			1015.603

Table 4.10 : State Wise and Company Wise Despatch of Raw Coal by type in last Three Years

(Qty. in MT)

State	Company	2021-22			2022-23			2023-24			
		Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Assam	NEC			0.000		0.181	0.181		0.168	0.168	
Chhattisgarh	SECL	0.244	142.388	142.632	0.245	147.023	147.268	0.218	170.826	171.044	
	SECL(GP-IV/2&3)		2.713	2.713		2.326	2.326		0.192	0.192	
	SECL(GP-IV/1)			0.000			0.000			0.000	
	RRVUNL		15.000	15.000		11.801	11.801		6.701	6.701	
	CSPGCL		3.526	3.526		3.082	3.082		3.763	3.763	
	NTPC		0.484	0.484		2.051	2.051		7.017	7.017	
	HIL_GP_IV/4		0.563	0.563		0.581	0.581		0.424	0.424	
	HIL_GP_IV/5			0.000			0.000			0.000	
	BALCO				0.000		0.818	0.818		1.161	1.161
	AMBUJA		0.828	0.828		1.107	1.107		0.899	0.899	
	JPL		0.286	0.286		5.611	5.611		6.874	6.874	
	SEML		0.396	0.396		1.491	1.491		1.516	1.516	
	JSPL								1.572	1.572	
		TOTAL	0.244	166.184	166.428	0.245	175.891	176.136	0.218	200.945	201.163
Jammu & Kashmir	JKML		0.018	0.018		0.010	0.010		0.004	0.004	
Jharkhand	ECL	0.015	11.221	11.236	0.011	8.531	8.542	0.012	15.024	15.036	
	BCCL	30.455	1.669	32.124	33.185	2.378	35.563	37.462	1.808	39.270	
	CCL	18.327	53.488	71.815	19.737	55.287	75.024	19.905	63.005	82.910	
	JSMDCL		0.054	0.054		0.312	0.312		0.338	0.338	
	DVC			0.000			0.000		1.314	1.314	
	IISCO	0.080		0.080	0.069		0.069	0.131		0.131	
	SAIL	0.340		0.340	0.303		0.303	0.333		0.333	
	NTPC		8.878	8.878		12.654	12.654		20.015	20.015	
	WBPDCCL		8.923	8.923		11.838	11.838		12.606	12.606	
	PSPCL					0.450	0.450		4.258	4.258	
	TSL	4.686		4.686	5.771		5.771	5.904		5.904	
	HIL_KOC		0.423	0.423		0.165	0.165		0.189	0.189	
		TOTAL	53.903	84.656	138.560	59.076	91.615	150.691	63.747	118.557	182.304
Madhya Pradesh	NCL		80.858	80.858		86.172	86.172		89.054	89.054	
	WCL	0.156	2.939	3.095	0.092	2.959	3.051	0.039	2.406	2.445	
	SECL		10.163	10.163		10.427	10.427		9.545	9.545	
	APMDCL		0.000	0.000		1.420	1.420		5.032	5.032	
	RCCPL		0.205	0.205		0.352	0.352		0.328	0.328	
	SPL		18.193	18.193		16.394	16.394		18.077	18.077	
	BSMPL					0.018	0.018		0.289	0.289	
	JPVL		2.800	2.800		3.139	3.139		3.940	3.940	
	THDC			0.000			0.000		1.266	1.266	
	UTCL		0.018	0.018		0.355	0.355		0.585	0.585	
	TOTAL	0.156	115.176	115.332	0.092	121.236	121.328	0.039	130.522	130.561	

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Table 4.10 : State Wise and Company Wise Despatch of Raw Coal by type in last Three Years

(Qty. in MT)

State	Company	2021-22			2022-23			2023-24		
		Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Maharashtra	WCL		61.069	61.069		59.097	59.097		67.797	67.797
	KPCL		1.217	1.217		1.646	1.646		2.492	2.492
	BSIL		0.106	0.106		0.164	0.164		0.061	0.061
	SIL		0.165	0.165		0.211	0.211		0.158	0.158
	TUML		0.197	0.197		0.202	0.202		0.023	0.023
	AIPL								0.064	0.064
	TOTAL		0.000	62.755	62.755	0.000	61.320	61.320	0.000	70.595
Odisha	MCL		176.372	176.372		192.755	192.755		198.932	198.932
	OCPL		5.562	5.562		8.219	8.219		8.355	8.355
	NTPC		5.336	5.336		7.113	7.113		7.187	7.187
	NLCIL		6.369	6.369		9.898	9.898		11.762	11.762
	Vedanta					0.038	0.038		2.591	2.591
	NALCO								2.000	2.000
	JSPL								0.962	0.962
TOTAL		0.000	193.639	193.639	0.000	218.023	218.023	0.000	231.789	231.789
Telangana	SCCL		65.533	65.533		66.693	66.693		69.858	69.858
	TGGENCO		2.210	2.210		2.500	2.500		2.493	2.493
	TOTAL	0.000	67.743	67.743	0.000	69.193	69.193	0.000	72.351	72.351
Uttar Pradesh	NCL		44.804	44.804		47.340	47.340		48.577	48.577
West Bengal	ECL		24.684	24.684		26.798	26.798		28.563	28.563
	BCCL	0.100	0.076	0.176			0.000			0.000
	IISCO		0.024	0.024		0.015	0.015		0.073	0.073
	WBPDCI		2.837	2.837		3.859	3.859		4.727	4.727
	DPL		0.537	0.537		0.526	0.526		0.706	0.706
	CESC		1.677	1.677		1.949	1.949		1.428	1.428
	TOTAL	0.100	29.835	29.935	0.000	33.147	33.147	0.000	35.497	35.497
Total Public		49.718	738.952	788.670	53.642	785.361	839.003	58.100	867.864	925.964
Total Private		4.686	25.857	30.543	5.771	32.595	38.366	5.904	41.141	47.045
All India		54.403	764.809	819.213	59.413	817.956	877.369	64.004	909.005	973.009

Share of Public & Private Sector in All India of Raw Coal Despatch during last Three Years

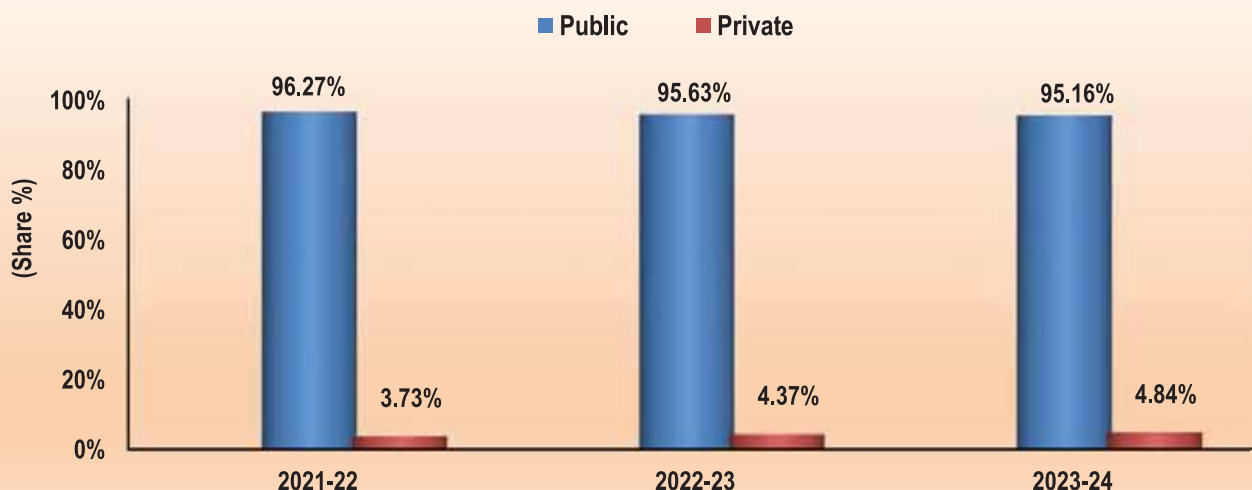


Table 4.11 : Raw Coal Despatch of Coal Blocks Vested/Allocated as per CMN & CM(SP) Act during last Three Years

(Qty. in MT)

Block	Act	End Use	Company	State	2021-22			2022-23			2022-23					
					Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)			
Gare Palma IV/1	CM(SP)	Power	SECL	Chhattisgarh			0.000			0.000			0.000			
Parsa East & Kanta Basan			RRVUNL			15.000	15.000		11.801	11.801		6.701	6.701			
Tallipalli			NTPC			0.484	0.484		2.051	2.051		7.017	7.017			
Gare Palma Sector-III			CSPGCL			3.526	3.526		3.082	3.082		3.763	3.763			
Pakri Barwadih	CMN	Power	NTPC	Jharkhand						12.516	12.516		16.838			
Tubeid	DVC									0		1.314	1.314			
Chatti Bariatu	NTPC									0.138	0.138		3.134	3.134		
Kerandari	NTPC												0.043	0.043		
Pachhwara Central	PSPCL									0.450	0.450		4.258	4.258		
Pachhwara North	WBPDCCL						8.923	8.923		11.838	11.838		12.606	12.606		
Amelia	CM(SP)		THDC		Madhya Pradesh							0.000		1.266	1.266	
Baranj I-IV, Kiloni &			KPCL		Maharashtra		1.217	1.217		1.646	1.646		2.492	2.492		
Dulanga			NTPC		Odisha		5.336	5.336		7.113	7.113		7.187	7.187		
Manoharpur			OCPL				5.562	5.562		8.219	8.219		8.355	8.355		
Talabira II & III			NLCIL				6.369	6.369		9.898	9.898		11.762	11.762		
Tadicherla			TGGENCO			Telangana		2.210	2.210		2.500	2.500		2.493	2.493	
Barjora			CMN		Power	WBPDCCL	West Bengal		0.249	0.249		0.670	0.670		0.500	0.500
Barjora North						WBPDCCL			1.202	1.202		1.845	1.845		1.257	1.257
Gangaramchak Bhadulia		WBPDCCL				1.386		1.386		1.344	1.344		2.865	2.865		
Tara (East & West)		WBPDCCL											0.105	0.105		
Trans Damodar		DPL				0.537		0.537		0.526	0.526		0.706	0.706		
			Total Power			0.000	60.879	60.879	0.000	75.637	75.637	0.000	94.662	94.662		
Gare Palma IV/2 & 3		CM(SP)	Comercial	SECL	Chhattisgarh		2.713	2.713		2.326	2.326		0.192	0.192		
Suliyari	APMDCL			Madhya Pradesh		0.000	0.000		1.420	1.420		5.032	5.032			
		Total Comercial			0.000	2.713	2.713	0.000	3.746	3.746	0.000	5.224	5.224			
Tasra	CMN	NRS	SAIL	Jharkhand		0.340	0.340	0.303		0.303	0.333		0.333			
Utkal D	CMN	NRS	NALCO	Odisha								2.000	2.000			
		Total NRS			0.340	0.000	0.340	0.303	0.000	0.303	0.333	2.000	2.333			
Total Public					0.340	63.592	63.932	0.303	79.383	79.686	0.333	101.886	102.219			
Moher & Moher Amlori Extn	CMN	Power	SPL	Madhya Pradesh		18.193	18.193		16.394	16.394		18.077	18.077			
Amelia North	CM(SP)		JPVL	Odisha		2.800	2.800		3.139	3.139		3.940	3.940			
Talabira I			GMR					0.000		0.000		0.000				
Sarshatali			CESC		West Bengal		1.677	1.677		1.949	1.949		1.428	1.428		
		Total Power			0.000	22.670	22.670	0.000	21.482	21.482	0.000	23.445	23.445			
Gare Palma IV/1	CM(SP)	Comercial	JPL	Chhattisgarh		0.286	0.286		5.611	5.611		6.874	6.874			
Gare Palma IV/7			SEML		0.396	0.396		1.491	1.491		1.516	1.516				
Goitoria East & West			BSMPL	Madhya Pradesh			0.000		0.018	0.018		0.289	0.289			
Utkal C			JSPL	Odisha								0.962	0.962			
Gare Palma IV/6			JSPL	Chhattisgarh								1.572	1.572			
Gare Palma 2&3			JPL									0.000	0.000			
Takli Jena Bellora			AIPL	Maharashtra								0.064	0.064			
				Total Comercial			0.000	0.682	0.682	0.000	7.120	7.120	0.000	11.277	11.277	
Gare Palma IV/4			CM(SP)	NRS	HIL	Chhattisgarh		0.563	0.563		0.581	0.581		0.424	0.424	
Gare Palma IV/5					HIL				0.000	0.000		0.000	0.000		0.000	
Chotia II	BALCO						0.000	0.000		0.818	0.818		1.161	1.161		
Gare Palma IV/8	AMBUJA				0.828		0.828		1.107	1.107		0.899	0.899			
Kathautia	HIL	Jharkhand				0.423	0.423		0.165	0.165		0.189	0.189			
Sial Ghogri	RCCPL	Madhya Pradesh				0.205	0.205		0.352	0.352		0.328	0.328			
Bicharpur	UTCL				0.018	0.018		0.355	0.355		0.585	0.585				
Belgaon	SIL	Maharashtra				0.165	0.165		0.211	0.211		0.158	0.158			
Marki Mangli I	TUML					0.197	0.197		0.202	0.202		0.023	0.023			
Marki Mangli III	BSIL					0.106	0.106		0.164	0.164		0.061	0.061			
Ardhagram	OCL						0.000			0.000			0.000			
Jamkhani	Vedanta	Odisha							0.038	0.038		2.591	2.591			
		Total NRS					0.000	2.505	2.505	0.000	3.993	3.993	0.000	6.419	6.419	
Total Private							0.000	25.857	25.857	0.000	32.595	32.595	0.000	41.141	41.141	
Grand Total					0.340	89.449	89.789	0.303	111.978	112.281	0.333	143.027	143.360			

Share of Public & Private Sector in All India Captive Coal Block of Raw Coal Despatch during last Three Years



Table 4.12 : Despatch & Off-take of Raw Coal & Coal Products (Washed Coal & Middlings) by Companies in 2023-24

(Qty. in MT)

Company	Raw Coal		Washed Coal		Middlings	
	Despatch	Off-take	Despatch	Off-take	Despatch	Off-take
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ECL	43.599	43.746				
BCCL	39.270	39.270	1.464	1.464	2.766	2.766
CCL	82.910	82.910	4.501	4.501	1.166	1.166
NCL	137.631	137.631				
WCL	70.242	70.246				
SECL	180.589	180.597				
SECL(GP-IV/2&3)	0.192	0.192				
MCL	198.932	198.932				
NEC	0.168	0.168				
Total CIL	753.533	753.692	5.965	5.965	3.932	3.932
SCCL	69.858	69.858				
JKML	0.004	0.004				
JSMDCL	0.338	0.338				
DVC	1.314	1.314				
IISCO	0.204	0.204	0.498	0.498	0.687	0.687
SAIL	0.333	0.333				
RRVUNL	6.701	6.701	5.641	5.641		
NTPC	34.219	34.219				
WBPDCCL	17.333	17.333				
CSPGCL	3.763	3.763				
TGGENCO	2.493	2.493				
OCPL	8.355	8.355				
DPL	0.706	0.706				
NLCIL	11.762	11.762				
KPCL	2.492	2.492				
THDC	1.266	1.266				
PSPCL	4.258	4.258				
APMDCL	5.032	5.032				
NALCO	2.000	2.000				
Total Public	925.964	926.123	12.104	12.104	4.619	4.619
TSL	5.904	5.904	2.661	2.661	1.562	1.562
HIL	0.613	0.613				
SPL	18.077	18.077				
SIL	0.158	0.158				
CESC	1.428	1.428	0.494	0.494		
BALCO	1.161	1.161				
JPVL	3.940	3.940				
JPL	6.874	6.874	1.374	1.374		
RCCPL	0.328	0.328				
JSPL	2.534	2.534	0.191	0.191	0.162	0.162
TUML	0.023	0.023				
AMBUJA	0.899	0.899				
VEDANTA	2.591	2.591				
BSMPL	0.289	0.289				
SEML	1.516	1.516	0.492	0.492	0.601	0.601
BSIL	0.061	0.061	0.001	0.001	0.001	0.001
UTCL	0.585	0.585				
AIPL	0.064	0.064				
Total Private	47.045	47.045	5.213	5.213	2.326	2.326
All India	973.009	973.168	17.317	17.317	6.945	6.945

Table 4.13 : Grade Wise Despatch of Coking Coal by Companies during 2023-24

(Qty. in MT)

Company	Despatch of Coking Coal									
	Steel-I	Steel-II	Semi Coking-I	Wash I	Wash II	Wash III	Wash IV	Wash V	Wash VI	Total Coking
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ECL						0.012				0.012
BCCL				0.586	2.002	2.212	16.642	15.992	0.028	37.462
CCL		0.030			0.064	1.134	11.410	4.742	2.525	19.905
NCL										0.000
WCL							0.039			0.039
SECL			0.218							0.218
SECL(GP-IV/2&3)										0.000
MCL										0.000
NEC										0.000
Total CIL	0.000	0.030	0.218	0.586	2.066	3.358	28.091	20.734	2.553	57.636
SCCL										0.000
JKML										0.000
DVC										0.000
IISCO						0.027	0.104			0.131
SAIL								0.333		0.333
JSMDCL										0.000
RRVUNL										0.000
NTPC										0.000
WBPDC										0.000
CSPGCL										0.000
TGGENCO										0.000
OCPL										0.000
DPL										0.000
NLCIL_T-II&III										0.000
APMDCL										0.000
PSPCL										0.000
THDC										0.000
KPCL										0.000
NALCO										0.000
Total Public	0.000	0.030	0.218	0.586	2.066	3.385	28.195	21.067	2.553	58.100
TSL					0.485	0.286	5.133			5.904
CEC										0.000
HIL										0.000
SPL										0.000
BALCO										0.000
SIL										0.000
JPVL										0.000
JPL										0.000
RCCPL										0.000
TUML										0.000
AMBUJA										0.000
BSIL										0.000
UTCL										0.000
SEML										0.000
Vedanta										0.000
BSMPL										0.000
JSPL										0.000
AIPL										0.000
Total Private	0.000	0.000	0.000	0.000	0.485	0.286	5.133	0.000	0.000	5.904
All India	0.000	0.030	0.218	0.586	2.551	3.671	33.328	21.067	2.553	64.004

Table 4.14 : Grade Wise Despatch of Non Coking Coal by Companies during 2023-24

(Qty. in MT)

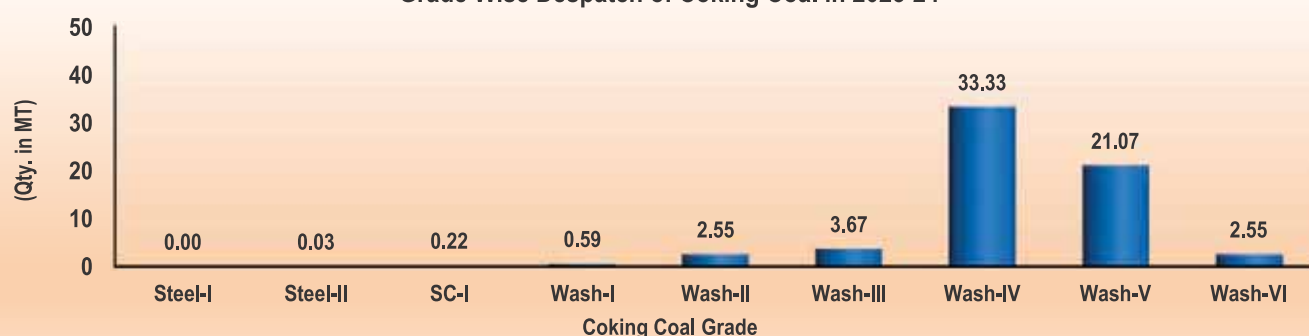
Companies	Despatch of Non-coking Coal																		Total Coal
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	Total N-coking	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
ECL			1.424	17.853	4.921	1.716	2.970	2.207		0.497	1.889		10.110					43.587	43.599
BCCL					0.002	0.153	0.374	0.669	0.510	0.100								1.808	39.270
CCL					0.713	0.754	1.641	4.811	5.419	2.794	26.772	13.955	2.362				3.784	63.005	82.910
NCL							36.289	32.750	7.707	23.281	26.456	7.942	3.206					137.631	137.631
WCL						0.097	0.077	1.248	5.294	21.596	30.653	5.160	6.078					70.203	70.242
SECL			1.264	0.010	0.896	4.590	3.277	7.753	2.442	3.489	137.838	1.418	5.296	4.434	7.664			180.371	180.589
SECL(GP-IV/2&3)											0.096			0.096				0.192	0.192
MCL							0.003	0.044	0.273	3.515	8.991	71.946	60.894	49.979	3.287			198.932	198.932
NEC	0.042	0.069	0.032	0.025														0.168	0.168
CIL	0.042	0.069	2.720	17.888	6.532	7.310	44.631	49.482	21.645	55.272	232.695	100.421	87.946	54.509	10.951	0.000	3.784	695.897	753.533
SCCL					0.806	0.787	3.684	7.158	3.090	14.793	15.063	0.667	14.848	0.381	8.446		0.135	69.858	69.858
JKML		0.004																0.004	0.004
DVC													1.314					1.314	1.314
IISCO						0.040		0.033										0.073	0.204
SAIL																		0.000	0.333
JSMDCCL												0.338						0.338	0.338
RRVUNL											4.849			1.852				6.701	6.701
NTPC									16.838		2.477	0.702	7.015	7.187				34.219	34.219
WBPDCCL							0.500		12.606	1.489	1.404	0.124	1.210					17.333	17.333
CSPGCL														1.821	0.990		0.952	3.763	3.763
TGGENCO									2.493									2.493	2.493
OCPL														8.355				8.355	8.355
DPL										0.541		0.165						0.706	0.706
NLCIL_T-II&III														11.762				11.762	11.762
APMDCL							5.032											5.032	5.032
PSPCL									2.002	1.109	1.147							4.258	4.258
THDC								0.955	0.311									1.266	1.266
KPCL									2.492									2.492	2.492
NALCO														2.000				2.000	2.000
Public	0.042	0.073	2.720	17.888	7.338	8.137	53.847	57.628	61.477	73.204	257.635	102.417	112.333	87.867	20.387	0.000	4.871	867.864	925.964
TSL																		0.000	5.904
CESC												1.428						1.428	1.428
HIL					0.189		0.277					0.147						0.613	0.613
SPL										18.077								18.077	18.077
BALCO									0.368	0.793								1.161	1.161
SIL						0.158												0.158	0.158
JPVL											3.940							3.940	3.940
JPL												0.716		1.910	0.224	3.705	0.319	6.874	6.874
RCCPL							0.328											0.328	0.328
TUML													0.023					0.023	0.023
AMBUJA							0.220		0.036	0.391	0.185	0.059				0.008		0.899	0.899
BSIL													0.061					0.061	0.061
UTCL										0.016		0.246	0.323					0.585	0.585
SEML												0.494		0.698			0.324	1.516	1.516
Vedanta										0.130	0.166	0.695	0.660	0.940				2.591	2.591
BSMPL									0.204		0.006	0.079						0.289	0.289
JSPL										0.963			1.571					2.534	2.534
AIPL										0.064								0.064	0.064
Private	0.000	0.000	0.000	0.000	0.189	0.158	0.825	0.000	0.608	20.434	4.297	3.864	2.638	3.548	0.224	3.713	0.643	41.141	47.045
All India	0.042	0.073	2.720	17.888	7.527	8.295	54.672	57.628	62.085	93.638	261.932	106.281	114.971	91.415	20.611	3.713	5.514	909.005	973.009

Table 4.15 : Grade Wise and State Wise Despatch of Coking Coal and Non-Coking Coal in 2023-24

(Qty. in MT)

Grade	Assam	Chhattisgarh	Jammu & Kashmir	Jharkhand	Madhya Pradesh	Maharashtra	Odisha	Telangana	Uttar Pradesh	West Bengal	All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Steel-I											0.000
Steel-II				0.030							0.030
SC-I		0.218									0.218
Wash-I				0.586							0.586
Wash-II				2.551							2.551
Wash-III				3.671							3.671
Wash-IV				33.289	0.039						33.328
Wash-V				21.067							21.067
Wash-VI				2.553							2.553
Tot Ckg.	0.000	0.218	0.000	63.747	0.039	0.000	0.000	0.000	0.000	0.000	64.004
G1	0.042										0.042
G2	0.069		0.004								0.073
G3	0.032	1.264		0.296						1.128	2.720
G4	0.025	0.010		0.220						17.633	17.888
G5		0.896		1.378				0.806		4.447	7.527
G6		2.714		0.944	1.965	0.166		0.787		1.719	8.295
G7		2.879		3.393	42.560	0.061	0.003	3.684		2.092	54.672
G8		2.885		5.951	11.464	0.423	0.044	7.158	27.934	1.769	57.628
G9		1.529		37.375	3.615	6.384	0.273	5.583	7.326		62.085
G10		5.168		4.152	37.681	21.626	3.645	14.793	4.195	2.378	93.638
G11		142.968		32.285	21.280	30.653	9.157	15.063	9.122	1.404	261.932
G12		2.836		14.993	8.307	5.120	72.641	0.667		1.717	106.281
G13		12.920		13.786	3.529	6.162	62.516	14.848		1.210	114.971
G14		10.690			0.121		80.223	0.381			91.415
G15		8.878					3.287	8.446			20.611
G16		3.713									3.713
G17		1.595		3.784				0.135			5.514
Tot. Nckg	0.168	200.945	0.004	118.557	130.522	70.595	231.789	72.351	48.577	35.497	909.005
Total Coal	0.168	201.163	0.004	182.304	130.561	70.595	231.789	72.351	48.577	35.497	973.009

Grade Wise Despatch of Coking Coal in 2023-24



Grade Wise Despatch of Non-Coking Coal in 2023-24

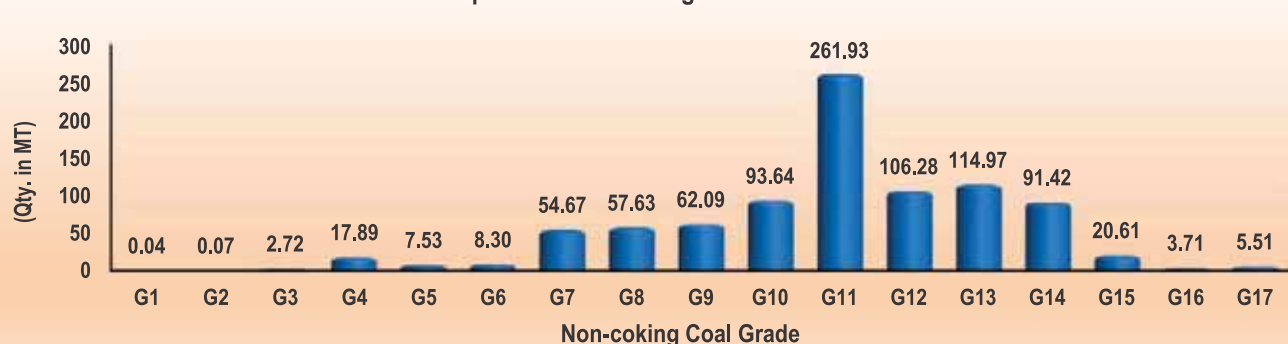


Table 4.16: Grade Wise Despatch of Coking Coal and Non-Coking Coal in India during last Ten Years

(Qty. in MT)

Type	Grade	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Coking Coal	Steel-I	0.052	0.029	0.014	0.052	0.117	0.039	0.080		0.000	0.000
	Steel-II	0.327	1.035	0.969	0.095	0.179	0.128	0.000	0.246	0.000	0.030
	SC-I	0.132	0.108	0.018	0.305	0.253	0.169	0.291	0.000	0.245	0.218
	Wash-I	0.102	0.198	0.166	0.052	0.042	0.155	0.919	0.241	0.168	0.586
	Wash-II	1.693	2.016	2.221	3.068	2.957	2.328	2.688	1.976	2.565	2.551
	Wash-III	12.177	13.155	11.504	4.133	8.865	9.369	25.753	2.505	3.652	3.671
	Wash-IV	41.955	38.860	41.106	34.550	30.905	30.880	11.850	27.140	29.165	33.328
	Wash-V						7.581	2.419	19.856	21.711	21.067
	Wash-VI						0.007		2.441	1.907	2.553
	Mgfeed		3.812	3.310	3.125						
	Coking		56.438	59.213	59.308	45.380	43.318	50.656	44.000	54.403	59.413
Non-Coking Coal	G1	2.772	3.766	2.425	1.753	0.099	0.020	0.011	0.000	0.008	0.042
	G2	0.621	0.323	0.396	1.475	0.430	0.340	0.039	0.000	0.072	0.073
	G3	4.698	4.252	4.519	15.411	3.332	3.193	2.661	2.018	1.639	2.720
	G4	19.647	18.299	17.788	10.347	14.702	14.098	13.739	13.494	16.438	17.888
	G5	16.296	15.457	15.731	7.926	11.726	12.182	8.152	7.808	8.288	7.527
	G6	20.186	11.348	12.463	11.366	8.802	5.150	4.781	6.342	7.645	8.295
	G7	38.705	39.978	15.460	39.526	42.694	42.733	36.572	41.163	46.932	54.672
	G8	29.283	27.671	31.952	37.935	56.671	47.032	46.670	49.230	53.999	57.628
	G9	50.547	49.721	45.890	31.051	31.130	30.641	31.014	38.376	44.977	62.085
	G10	76.369	90.982	92.730	110.027	105.981	98.989	83.915	81.426	85.034	93.638
	G11	137.861	139.256	137.036	164.745	178.854	176.276	171.087	222.308	223.836	261.932
	G12	82.302	95.594	98.041	58.393	69.116	64.948	74.497	79.489	90.656	106.281
	G13	55.655	69.746	92.405	93.685	99.528	86.351	75.980	111.851	106.820	114.971
	G14	4.205	2.818	3.901	39.801	50.650	52.517	70.098	83.314	97.791	91.415
	G15	3.446	2.837	3.128	7.412	6.783	11.573	19.904	15.696	19.710	20.611
	G16	1.579		2.642	3.743	3.083	3.723	6.765	6.923	4.867	3.713
	G17	3.141	0.643	0.320	1.404	3.356	5.252	0.073	5.372	9.244	5.514
	Washey Feed			9.304	6.283		1.136	0.926			
	Ungr	0.021	0.538	0.539	2.340	2.539	0.366	0.000			
Non-Coking		547.334	573.229	586.670	644.623	689.476	656.520	646.884	764.810	817.956	909.005
Total Coal		603.772	632.442	645.978	690.003	732.794	707.176	690.884	819.213	877.369	973.009

Table 4.17 : Mode Wise & Company Wise Despatch of Raw Coal (External & Internal) and Coal Products (Washed Coal & Middlings) in 2023-24

Company	Raw Coal/ Coal Product	(Qty. in MT)														Grand Total
		2023-24 (External)							2023-24 (Internal)							
		Rail	Road	Belt	Rope	Mgr	Other	Total	Rail	Road	Belt	Rope	Mgr	Other	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ECL	Raw Coal	30.008	3.481			10.110		43.599							0.000	43.599
BCCL	Raw Coal	26.186	8.149					34.335	1.640	3.295					4.935	39.270
	Coal Products	4.217	0.013					4.230							0.000	4.230
CCL	Raw Coal	48.383	28.479					76.862		6.048					6.048	82.910
	Coal Products	5.660	0.007					5.667							0.000	5.667
NCL	Raw Coal	56.986	24.293	2.682		53.670		137.631							0.000	137.631
WCL	Raw Coal	39.190	27.829	0.880	2.117	0.226		70.242							0.000	70.242
SECL	Raw Coal	69.746	76.149	6.750		27.944		180.589							0.000	180.589
SECL(GP 2&3)	Raw Coal		0.192					0.192							0.000	0.192
MCL	Raw Coal	116.734	71.666			10.532		198.932							0.000	198.932
NEC	Raw Coal	0.102	0.066					0.168							0.000	0.168
Total CIL	Raw Coal	387.335	240.304	10.312	2.117	102.482	0.000	742.550	1.640	9.343	0.000	0.000	0.000	0.000	10.983	753.533
	Coal Products	9.877	0.020	0.000	0.000	0.000	0.000	9.897	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.897
SCCL	Raw Coal	45.794	12.657	2.360	0.539	8.508		69.858							0.000	69.858
JKML	Raw Coal		0.004					0.004							0.000	0.004
DVC_T	Raw Coal	1.314						1.314							0.000	1.314
IISCO	Raw Coal		0.029					0.029		0.148		0.027			0.175	0.204
	Coal Products	1.185						1.185							0.000	1.185
SAIL	Raw Coal		0.333					0.333							0.000	0.333
JSMDC	Raw Coal		0.338					0.338							0.000	0.338
RRVUNL	Raw Coal							0.000			6.701				6.701	6.701
	Coal Products	5.641						5.641							0.000	5.641
NTPC	Raw Coal	6.179	13.917	4.725		9.398		34.219							0.000	34.219
WBPDC	Raw Coal		17.333					17.333							0.000	17.333
CSPGCL	Raw Coal						3.763	3.763							0.000	3.763
TGGENCO	Raw Coal		2.493					2.493							0.000	2.493
OCPL	Raw Coal		1.871			6.484		8.355							0.000	8.355
DPL	Raw Coal	0.255	0.451					0.706							0.000	0.706
NLCL_II&III	Raw Coal	6.006	5.756					11.762							0.000	11.762
APMDC	Raw Coal		5.032					5.032							0.000	5.032
PSPCL	Raw Coal	4.258						4.258							0.000	4.258
THDC	Raw Coal	1.266						1.266							0.000	1.266
KPCL	Raw Coal	2.492						2.492							0.000	2.492
NALCO	Raw Coal		2.000					2.000							0.000	2.000
Total Public	Raw Coal	454.899	302.518	17.397	2.656	126.872	3.763	908.105	1.640	9.491	6.701	0.027	0.000	0.000	17.859	925.964
	Coal Products	16.703	0.020	0.000	0.000	0.000	0.000	16.723	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.723
TSL	Raw Coal							0.000		0.038	5.866				5.904	5.904
	Coal Products	4.223						4.223							0.000	4.223
CESC	Raw Coal		0.826					0.826		0.602					0.602	1.428
	Coal Products		0.494					0.494							0.000	0.494
HIL	Raw Coal	0.189	0.424					0.613							0.000	0.613
SPL	Raw Coal			18.077				18.077							0.000	18.077
BALCO	Raw Coal		1.161					1.161							0.000	1.161
SIL	Raw Coal	0.158						0.158							0.000	0.158
JPVL	Raw Coal	3.940						3.940							0.000	3.940
JPL	Raw Coal		0.161					0.161		6.713					6.713	6.874
	Coal Products		1.374					1.374							0.000	1.374
JSPL	Raw Coal		1.568					1.568		0.966					0.966	2.534
	Coal Products		0.353					0.353							0.000	0.353
RCCPL	Raw Coal		0.328					0.328							0.000	0.328
TUML	Raw Coal		0.011					0.011		0.012					0.012	0.023
AMBUJA	Raw Coal	0.262	0.637					0.899							0.000	0.899
BSIL	Raw Coal		0.044					0.044		0.017					0.017	0.061
	Coal Products		0.002					0.002							0.000	0.002
UTCL	Raw Coal		0.585					0.585							0.000	0.585
SEML	Raw Coal	0.040	0.172					0.212	0.023	1.281					1.304	1.516
	Coal Products	0.042	1.051					1.093							0.000	1.093
Vedanta	Raw Coal		1.139				1.452	2.591							0.000	2.591
BSMPL	Raw Coal		0.289					0.289							0.000	0.289
AIPL	Raw Coal		0.064					0.064							0.000	0.064
Total Private	Raw Coal	4.589	7.409	18.077	0.000	0.000	1.452	31.527	0.023	9.629	5.866	0.000	0.000	0.000	15.518	47.045
	Coal Products	4.265	3.274	0.000	0.000	0.000	0.000	7.539	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.539
All India	Raw Coal	459.488	309.927	35.474	2.656	126.872	5.215	939.632	1.663	19.120	12.567	0.027	0.000	0.000	33.377	973.009
	Coal Products	20.968	3.294	0.000	0.000	0.000	0.000	24.262	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.262

Table 4.18 : Mode Wise Despatch of Raw Coal (External & Internal) in India during last Ten Years

(Qty. in MT)

Year	Quantity & Share %	External							Internal						Grand Total	
		Rail	Road	Belt	Rope	MGR	Other	Total	Rail	Road	Belt	Rope	MGE	Other		Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
2014-15	Quantity	297.131	154.409	14.654	2.829	94.648	7.069	570.740	0.677	20.498	10.099	1.609		0.149	33.032	603.772
	Share %	49.21%	25.57%	2.43%	0.47%	15.68%	1.17%	94.53%	0.11%	3.39%	1.67%	0.27%	0.00%	0.02%	5.47%	100.00%
2015-16	Quantity	313.259	168.896	11.293	2.487	98.000	4.704	598.639	1.049	26.371	5.931	0.296		0.156	33.803	632.442
	Share %	49.53%	26.71%	1.79%	0.39%	15.50%	0.74%	94.66%	0.17%	4.17%	0.94%	0.05%	0.00%	0.02%	5.34%	100.00%
2016-17	Quantity	326.607	171.746	12.021	2.383	95.381	2.541	610.679	0.848	28.153	6.213	0.085			35.299	645.978
	Share %	50.56%	26.59%	1.86%	0.37%	14.77%	0.39%	94.54%	0.13%	4.36%	0.96%	0.01%	0.00%	0.00%	5.46%	100.00%
2017-18	Quantity	336.257	204.061	11.437	2.470	102.646	2.389	659.260	0.574	23.786	6.290	0.093			30.743	690.003
	Share %	48.73%	29.57%	1.66%	0.36%	14.88%	0.35%	95.54%	0.08%	3.45%	0.91%	0.01%	0.00%	0.00%	4.46%	100.00%
2018-19	Quantity	338.484	235.217	12.253	2.165	107.334	2.322	697.775	0.565	27.746	6.616	0.092			35.019	732.794
	Share %	46.19%	32.10%	1.67%	0.30%	14.65%	0.32%	95.22%	0.08%	3.79%	0.90%	0.01%	0.00%	0.00%	4.78%	100.00%
2019-20	Quantity	326.972	202.642	11.261	2.104	110.034	3.258	656.271	3.219	41.158	6.107	0.070	0.210	0.141	50.905	707.176
	Share %	46.24%	28.66%	1.59%	0.30%	15.56%	0.46%	92.80%	0.46%	5.82%	0.86%	0.01%	0.03%	0.02%	7.20%	100.00%
2020-21	Quantity	361.950	152.660	11.330	2.076	110.617	1.728	640.361	10.303	16.221	20.759	0.043	3.197		50.523	690.884
	Share %	52.39%	22.10%	1.64%	0.30%	16.01%	0.25%	92.69%	1.49%	2.35%	3.00%	0.01%	0.46%	0.00%	7.31%	100.00%
2021-22	Quantity	421.378	214.526	28.595	2.152	118.172	0.510	785.333	1.287	12.991	19.603				33.880	819.213
	Share %	51.44%	26.19%	3.49%	0.26%	14.43%	0.06%	95.86%	0.16%	1.59%	2.39%	0.00%	0.00%	0.00%	4.14%	100.00%
2022-23	Quantity	415.324	272.686	29.649	2.081	121.619	0.970	842.329	1.414	16.049	17.569	0.008			35.040	877.369
	Share %	47.34%	31.08%	3.38%	0.24%	13.86%	0.11%	96.01%	0.16%	1.83%	2.00%	0.00%	0.00%	0.00%	3.99%	100.00%
2023-24	Quantity	459.488	309.927	35.474	2.656	126.872	5.215	939.632	1.663	19.120	12.567	0.027			33.377	973.009
	Share %	47.22%	31.85%	3.65%	0.27%	13.04%	0.54%	96.57%	0.17%	1.97%	1.29%	0.00%	0.00%	0.00%	3.43%	100.00%

Share of Mode Wise Despatch of Raw Coal in India during last Ten Years

■ Rail ■ Road ■ Belt ■ Rope ■ MGR ■ Other

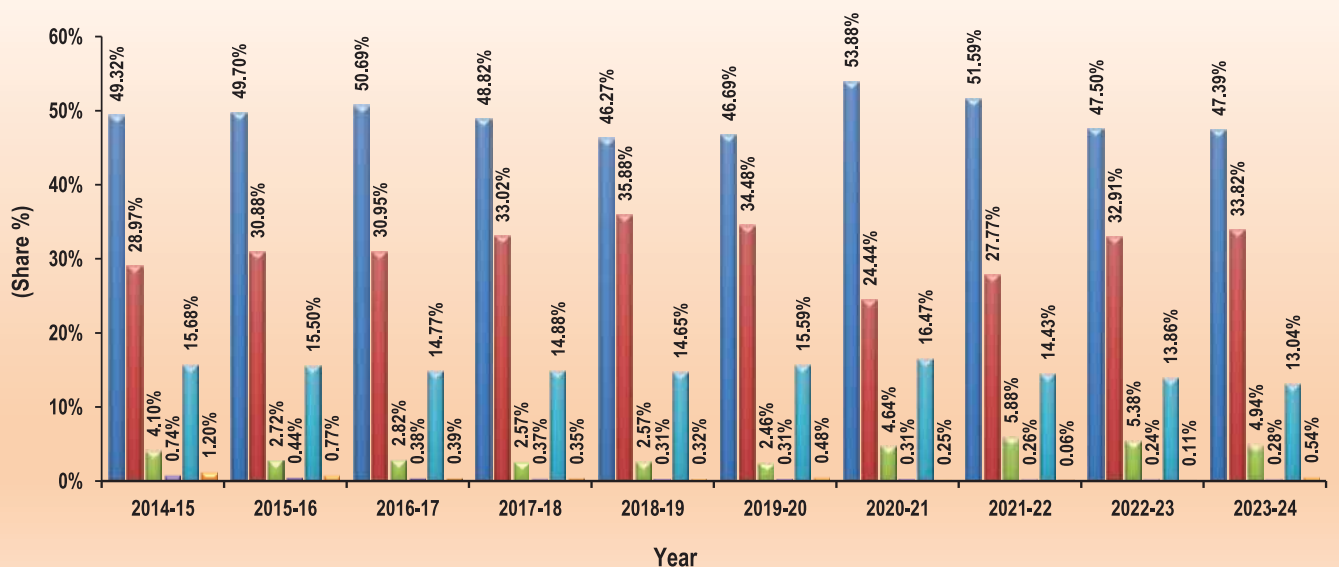


Table 4.19 : Company Wise Off-take of Raw Coal to different Priority Sectors (Including Washeries) during 2023-24

(Qty. in MT)

Company	Power (Utility)	Power (Captive)	Direct Feed	Coking Washery	Cokeries	Non Coking Washery	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatch	Colliery Own - Consumption	Colliery Staff	Total Offtake
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
ECL	36.091	0.177					0.423	0.349		0.079						6.480	43.599	0.147		43.746
BCCL	30.805	0.008	0.997	4.934				0.072	0.489							1.965	39.270			39.270
CCL	65.569	2.249	0.065	2.264	0.739	3.784		0.065	0.123	1.027						7.025	82.910			82.910
NCL	122.247	6.491						0.389		0.296						8.208	137.631			137.631
WCL	61.517	2.609						1.573		0.280		0.009	0.059	0.061		4.134	70.242	0.004		70.246
SECL	147.971	7.659	0.241					1.731	0.187	5.098			0.023			17.679	180.589	0.008		180.597
SECL(GP 2&3)	0.192																0.192			0.192
MCL	150.078	29.933						0.120		2.540	0.455					15.806	198.932			198.932
NEC																0.168	0.168			0.168
Total CIL	614.470	49.126	1.303	7.198	0.739	3.784	0.423	4.299	0.799	9.320	0.455	0.009	0.082	0.061	0.000	61.465	753.533	0.159	0.000	753.692
SCCL	60.791	2.575						2.927	0.001	0.357	0.144	0.188	0.945	0.112	0.001	1.817	69.858			69.858
JKML															0.004		0.004			0.004
DVC	1.314																1.314			1.314
IISCO				0.131			0.073										0.204			0.204
SAIL			0.333														0.333			0.333
JSMDCCL														0.095	0.243		0.338			0.338
RRVUNL						6.701											6.701			6.701
NTPC	34.219																34.219			34.219
WBPDCCL	17.333																17.333			17.333
CSPGCL	3.763																3.763			3.763
TGGENCO	2.493																2.493			2.493
OCPL	6.484															1.871	8.355			8.355
DPL	0.706																0.706			0.706
NLCL_II&III	5.218	3.764						0.120		0.764	1.701					0.195	11.762			11.762
APMDCL	4.845							0.187									5.032			5.032
PSPCL	4.258																4.258			4.258
THDC	1.266																1.266			1.266
KPCL	2.492																2.492			2.492
NALCO											2.000						2.000			2.000
Total Public	759.652	55.465	1.636	7.329	0.739	10.485	0.496	7.533	0.800	10.441	4.300	0.197	1.027	0.173	0.100	65.591	925.964	0.159	0.000	926.123
TSL			5.904														5.904			5.771
CESC	0.826					0.602											1.428			1.428
HIL		0.613															0.613			0.746
SPL	18.077																18.077			18.077
BALCO		1.161															1.161			1.161
SIL		0.065								0.089						0.004	0.158			0.158
JPVL	3.940																3.940			3.940
JPL	0.161	4.985				1.728											6.874			6.874
JSPL	0.367	0.564	1.240			0.363											2.534			2.534
RCCPL								0.328									0.328			0.328
TUML						0.011										0.012	0.023			0.023
AMBUJA		0.182						0.717									0.899			0.899
BSIL		0.017				0.001				0.043							0.061			0.061
UTCL								0.585									0.585			0.585
SEML	0.050	0.198				0.960				0.057						0.251	1.516			1.516
Vedanta											2.591						2.591			2.591
BSMPL	0.198															0.091	0.289			0.289
AIPL																0.064	0.064			0.064
Total Private	23.619	7.785	7.144	0.000	0.000	3.665	0.000	1.630	0.000	0.189	2.591	0.000	0.000	0.000	0.000	0.422	47.045	0.000	0.000	47.045
All India	783.271	63.250	8.780	7.329	0.739	14.150	0.496	9.163	0.800	10.630	6.891	0.197	1.027	0.173	0.100	66.013	973.009	0.159	0.000	973.168

Share of Raw Coal Despatch to Power Sector of the large Companies in 2023-24 (Power Utility & Power Captive)



Table 4.20 : Company Wise Off-take of Raw Coal to Different Priority Sectors during 2023-24

(Qty. in MT)

Company	Power (Utility)	Power (Captive)	Direct Feed	Steel (Coke Oven Plants & Cokerias)	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatch	Colliery Own - Consumption	Colliery Staff	Total Offtake
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
ECL	36.091	0.177			0.423	0.349		0.079						6.480	43.599	0.147		43.746
BCCL	30.805	0.008	0.997	4.934		0.072	0.489							1.965	39.270			39.270
CCL	69.353	2.249	0.065	3.003		0.065	0.123	1.027						7.025	82.910			82.910
NCL	122.247	6.491				0.389		0.296						8.208	137.631			137.631
WCL	61.517	2.609				1.573		0.280		0.009	0.059	0.061		4.134	70.242	0.004		70.246
SECL	147.971	7.659	0.241			1.731	0.187	5.098			0.023			17.679	180.589	0.008		180.597
SECL(GP 2&3)	0.192														0.192			0.192
MCL	150.078	29.933				0.120		2.540	0.455					15.806	198.932			198.932
NEC														0.168	0.168			0.168
Total CIL	618.254	49.126	1.303	7.937	0.423	4.299	0.799	9.320	0.455	0.009	0.082	0.061	0.000	61.465	753.533	0.159	0.000	753.692
SCCL	60.791	2.575				2.927	0.001	0.357	0.144	0.188	0.945	0.112	0.001	1.817	69.858			69.858
JKML													0.004		0.004			0.004
DVC	1.314														1.314			1.314
IISCO				0.131	0.073										0.204			0.204
SAIL			0.333												0.333			0.333
JSMDC													0.095	0.243	0.338			0.338
RRVUNL	6.701														6.701			6.701
NTPC	34.219														34.219			34.219
WBPDC	17.333														17.333			17.333
CSPGCL	3.763														3.763			3.763
TGGENCO	2.493														2.493			2.493
OCPL	6.484													1.871	8.355			8.355
DPL	0.706														0.706			0.706
NLCL_II&III	5.218	3.764				0.120		0.764	1.701					0.195	11.762			11.762
APMDC	4.845					0.187									5.032			5.032
PSPCL	4.258														4.258			4.258
THDC	1.266														1.266			1.266
KPCL	2.492														2.492			2.492
NALCO									2.000						2.000			2.000
Total Public	770.137	55.465	1.636	8.068	0.496	7.533	0.800	10.441	4.300	0.197	1.027	0.173	0.100	65.591	925.964	0.159	0.000	926.123
TSL			5.904												5.904			5.771
CESC	1.428														1.428			1.428
HIL		0.613													0.613			0.746
SPL	18.077														18.077			18.077
BALCO		1.161													1.161			1.161
SIL		0.065						0.089						0.004	0.158			0.158
JPVL	3.940														3.940			3.940
JPL	1.889	4.985													6.874			6.874
JSPL	0.367	0.564	1.240					0.363							2.534			2.534
RCCPL						0.328									0.328			0.328
TUML								0.011						0.012	0.023			0.023
AMBUJA		0.182				0.717									0.899			0.899
BSIL		0.017						0.044							0.061			0.061
UTCL						0.585									0.585			0.585
SEML	0.050	0.198						1.017						0.251	1.516			1.516
Vedanta									2.591						2.591			2.591
BSMPL	0.198													0.091	0.289			0.289
AIPL														0.064	0.064			0.064
Total Private	25.949	7.785	7.144	0.000	0.000	1.630	0.000	1.524	2.591	0.000	0.000	0.000	0.000	0.422	47.045	0.000	0.000	47.045
All India	796.086	63.250	8.780	8.068	0.496	9.163	0.800	11.965	6.891	0.197	1.027	0.173	0.100	66.013	973.009	0.159	0.000	973.168

Table 4.21 : Raw Coal Despatch Source State to Destination State in India during 2023-24

(Qty. in MT)

Destination State	Source State											Share %
	Assam	Chhattisgarh	Jammu & Kashmir	Jharkhand	Madhya Pradesh	Maharashtra	Odisha	Telangana	Uttar Pradesh	West Bengal	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Andhra Pradesh		0.043		0.605			37.254	8.246		0.819	46.967	4.83%
Arunachal Pradesh	0.001										0.001	0.00%
Assam	0.056			2.128	0.003				0.016	0.924	3.127	0.32%
Bihar	0.030	0.182		30.389	2.093		2.266		0.887	2.788	38.635	3.97%
Chhattisgarh		106.796		0.899	1.996	0.199	24.508	0.081	0.310	0.126	134.915	13.87%
Delhi	0.001	0.829				0.001			0.001	0.001	0.833	0.09%
Gujarat		13.073			1.283	5.293			0.509	0.068	20.226	2.08%
Haryana				14.072	2.519		0.773	0.004	1.243	1.161	19.772	2.03%
Himachal Pradesh		0.020			0.001				0.007	0.027	0.055	0.01%
Jammu & Kashmir			0.004								0.004	0.00%
Jharkhand		0.124		47.848	0.588		1.030	0.012	0.302	1.014	50.918	5.23%
Kerala								0.041			0.041	0.00%
Karnataka		0.019		1.010		6.445	6.105	13.660			27.239	2.80%
Maharashtra		31.958		1.124	0.213	51.163	8.537	4.989	0.141	0.004	98.129	10.09%
Meghalaya	0.010	0.008		0.024			0.014			0.247	0.303	0.03%
Madhya Pradesh	0.010	14.480		4.257	64.014	6.721	3.835	0.163	8.321	0.099	101.900	10.47%
Odisha	0.009	2.084		0.190	0.683	0.005	102.802	0.041	0.001	0.263	106.078	10.90%
Punjab		3.051		10.284	2.005		5.922		1.380	0.027	22.669	2.33%
Rajasthan		11.321		1.199	9.970	0.632	1.686		5.469	0.093	30.370	3.12%
Tamilnadu				0.604			26.958	2.798			30.360	3.12%
Telangana						0.135	0.547	42.255			42.937	4.41%
Uttar Pradesh	0.041	0.737		31.980	42.896	0.001	1.175		29.837	3.143	109.810	11.29%
Uttarakhand				0.275	0.197				0.120		0.592	0.06%
West Bengal	0.010	0.172		35.315	0.202		8.377	0.061	0.033	24.685	68.855	7.08%
Others		16.266		0.101	1.898					0.008	18.273	1.88%
All India	0.168	201.163	0.004	182.304	130.561	70.595	231.789	72.351	48.577	35.497	973.009	100.00%

Share of Raw Coal Despatch to Destination State in India during 2023-24

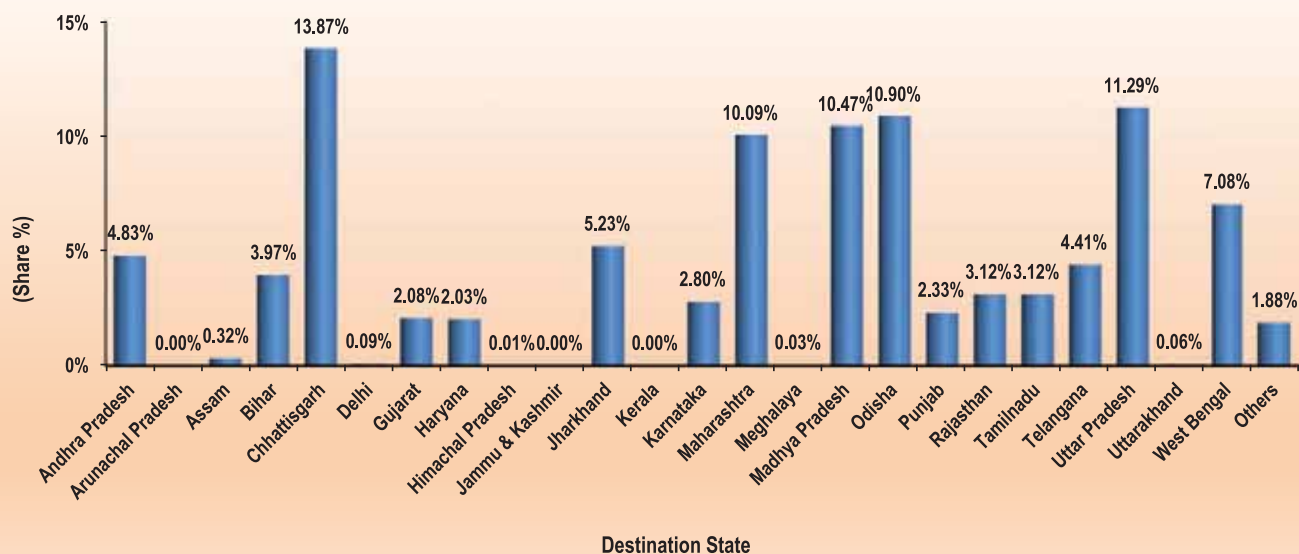


Table 4.22 : Despatch/Off-take of Raw Coal to Different Priority Sectors during last Ten Years

Year	Power (Utility)	Power (Captive)	Steel(Direct Feed)	Steel (coke oven plants & cokeries)	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatches	Colliery Own - Consumption	Colliery Staff	Total Offtake	Growth (%)
2014-15	463.393	34.308	1.054	10.967	0.501	11.357	2.293	17.766	0.467	0.407	1.648	0.415	0.091	59.105	603.772	0.567	0.009	604.348	▲ 05.57%
2015-16	483.549	34.220	0.607	11.666	0.249	8.985	2.296	7.763	0.440	0.325	1.211	0.267	0.074	80.790	632.442	0.334	0.002	632.778	▲ 04.70%
2016-17	508.368	26.676	0.250	9.881	0.205	6.356	2.135	5.557	5.038	0.312	1.181	0.243	0.099	79.677	645.978	0.289	0.000	646.267	▲ 02.13%
2017-18	540.402	45.086	5.600	5.474	0.373	7.708	1.883	8.528	0.806	0.277	1.510	0.238	0.115	72.003	690.003	0.243	0.000	690.246	▲ 06.81%
2018-19	592.955	51.470	6.444	6.071	0.298	8.816	1.789	12.234	1.097	0.251	1.637	0.204	0.093	49.435	732.794	0.220	0.000	733.014	▲ 06.20%
2019-20	572.149	54.000	6.051	5.623	0.234	8.569	1.764	10.529	0.603	0.209	1.326	0.101	0.026	45.992	707.176	0.211	0.000	707.387	▼ 03.50%
2020-21	547.494	45.786	5.337	3.538	0.100	6.754	1.527	9.565	0.683	0.158	1.068	0.080	0.025	68.769	690.884	0.197	0.000	691.081	▼ 02.31%
2021-22	673.350	36.699	4.257	4.516	0.386	7.306	1.111	9.023	2.933	0.196	1.244	0.080	0.023	78.089	819.213	0.192	0.000	819.405	▲ 18.57%
2022-23	735.139	50.257	6.565	6.417	0.400	9.309	0.662	8.093	1.159	0.195	1.255	0.092	0.109	57.717	877.369	0.180	0.000	877.549	▲ 07.10%
2023-24	794.772	64.564	8.780	8.068	0.496	9.163	0.800	11.965	6.891	0.197	1.027	0.173	0.100	66.013	973.009	0.159	0.000	973.168	▲ 10.90%

Growth of all India Raw Coal Off-take in last Ten Years



Share of Raw Coal Despatch to Power Sector (Utility & Captive) in last Ten Years

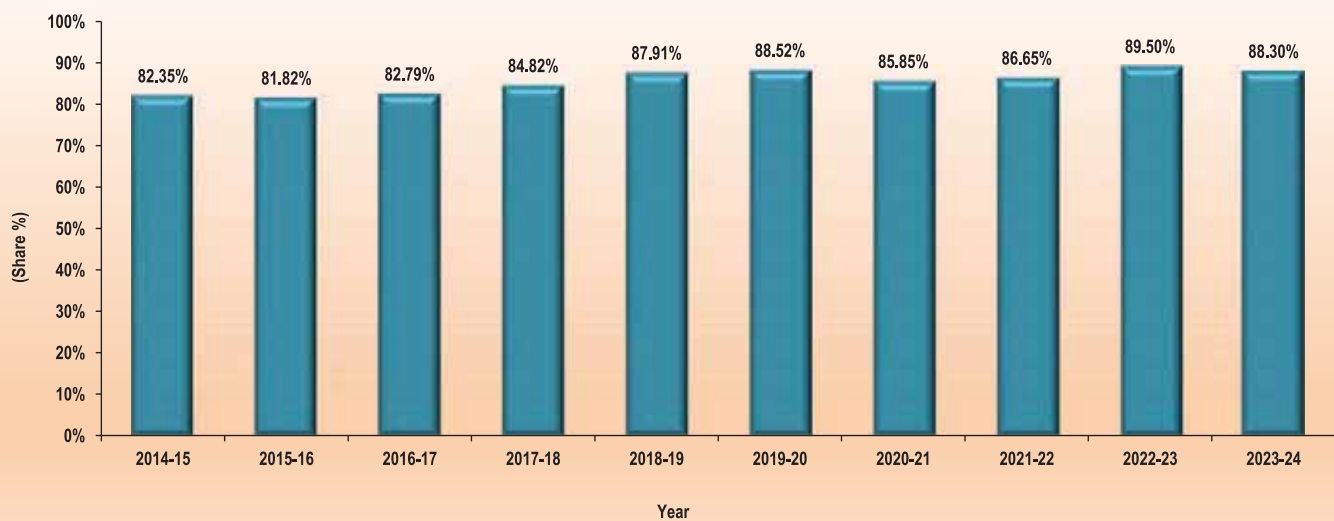


Table 4.23 : Company Wise & Sector Wise Despatch/Off-take of Coking Coal (Raw Coal, Washed Coal & Middling) during 2023-24

(Qty. in MT)

Company	Type of Coal, Coal Products & Lignite	Power (Utility)	Power (Captive)	Direct Feed	Steel (Coke Oven Plants & Cokeries)	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatch	Colliery Own - Consumption	Colliery Staff	Total Offtake
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
ECL	Raw Coal(External)														0.012	0.012			0.012
BCCL	Raw Coal(External)	29.593	0.008	0.997			0.072	0.469							1.389	32.528			32.528
	Washed Coal			1.464												1.464			1.464
	Middlings	1.281	1.330												0.155	2.766			2.766
	Total	30.874	1.338	2.461	0.000	0.000	0.072	0.469	0.000	0.000	0.000	0.000	0.000	0.000	1.544	36.758	0.000	0.000	36.758
CCL	Raw Coal(External)	15.235	0.077	0.065	0.739										1.525	17.641			17.641
	Washed Coal			0.747												0.747			0.747
	Middlings	0.307	0.859													1.166			1.166
	Total	15.542	0.936	0.812	0.739	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.525	19.554	0.000	0.000	19.554
WCL	Raw Coal(External)													0.039	0.039				0.039
SECL	Raw Coal(External)	0.167													0.051	0.218			0.218
Total CIL	Raw Coal(External)	44.995	0.085	1.062	0.739	0.000	0.072	0.469	0.000	0.000	0.000	0.000	0.000	0.000	3.016	50.438	0.000	0.000	50.438
	Washed Coal	0.000	0.000	2.211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.211	0.000	0.000	2.211
	Middlings	1.588	2.189	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.155	3.932	0.000	0.000	3.932
	Total	46.583	2.274	3.273	0.739	0.000	0.072	0.469	0.000	0.000	0.000	0.000	0.000	0.000	3.171	56.581	0.000	0.000	56.581
IISCO	Washed Coal				0.498											0.498			0.498
	Middlings		0.687													0.687			0.687
	Total	0.000	0.687	0.000	0.498	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.185	0.000	0.000	1.185
SAIL	Raw Coal(External)			0.333												0.333			0.333
Total Public	Raw Coal(External)	44.995	0.085	1.395	0.739	0.000	0.072	0.469	0.000	0.000	0.000	0.000	0.000	0.000	3.016	50.771	0.000	0.000	50.771
	Washed Coal	0.000	0.000	2.211	0.498	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.709	0.000	0.000	2.709
	Middlings	1.588	2.876	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.155	4.619	0.000	0.000	4.619
	Total	46.583	2.961	3.606	1.237	0.000	0.072	0.469	0.000	0.000	0.000	0.000	0.000	0.000	3.171	58.099	0.000	0.000	58.099
TSL	Washed Coal				2.661											2.661			2.661
TSL	Middlings	0.223	1.339													1.562			1.562
TSL	Total	0.223	1.339	0.000	2.661	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.223	0.000	0.000	4.223
Total Private	Raw Coal(External)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Washed Coal	0.000	0.000	0.000	2.661	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.661	0.000	0.000	2.661
	Middlings	0.223	1.339	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.562	0.000	0.000	1.562
	Total	0.223	1.339	0.000	2.661	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.223	0.000	0.000	4.223
All India	Raw Coal(External)	44.995	0.085	1.395	0.739	0.000	0.072	0.469	0.000	0.000	0.000	0.000	0.000	0.000	3.016	50.771	0.000	0.000	50.771
	Washed Coal	0.000	0.000	2.211	3.159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.370	0.000	0.000	5.370
	Middlings	1.811	4.215	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.155	6.181	0.000	0.000	6.181
	Total	46.806	4.300	3.606	3.898	0.000	0.072	0.469	0.000	0.000	0.000	0.000	0.000	0.000	3.171	62.322	0.000	0.000	62.322

Table 4.24 : Company Wise & Sector Wise Off-take of Non-Coking Coal (Raw Coal, Washed Coal & Middling) During 2023-24

(Qty. in MT)

Company	Type of Coal, Coal Products & Lignite	Power (Utility)	Power (Captive)	Direct Feed	Steel (Coke Oven Plants & Steel Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatch	Colliery Own Consumption	Colliery Staff	Total Offtake	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
ECL	Raw Coal(External)	36.091	0.177		0.423	0.349		0.079						6.468	43.587	0.147		43.734	
BCCL	Raw Coal(External)	1.212					0.020							0.576	1.808			1.808	
CCL	Raw Coal(External)	50.334	2.172			0.065	0.123	1.027						5.500	59.221			59.221	
	Washed Coal	3.747												0.007	3.754			3.754	
	Total	54.081	2.172	0.000	0.000	0.065	0.123	1.027	0.000	0.000	0.000	0.000	0.000	5.507	62.975	0.000	0.000	62.975	
NCL	Raw Coal(External)	122.247	6.491			0.389		0.296						8.208	137.631			137.631	
WCL	Raw Coal(External)	61.517	2.609			1.573		0.280		0.009	0.059	0.061		4.096	70.204	0.004		70.208	
SECL	Raw Coal(External)	147.804	7.659	0.241		1.731	0.187	5.098						17.628	180.371	0.008		180.379	
SECL(GP 2&3)	Raw Coal(External)	0.192													0.192			0.192	
MCL	Raw Coal(External)	150.078	29.933			0.120		2.540	0.455					15.806	198.932			198.932	
NEC	Raw Coal(External)													0.168	0.168			0.168	
Total CIL	Raw Coal(External)	569.475	49.041	0.241	0.000	0.423	4.227	0.330	9.320	0.455	0.009	0.082	0.061	0.000	58.450	692.114	0.159	0.000	692.273
	Washed Coal	3.747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	3.754	0.000	0.000	3.754
	Middlings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total	573.222	49.041	0.241	0.000	0.423	4.227	0.330	9.320	0.455	0.009	0.082	0.061	0.000	58.457	695.868	0.159	0.000	696.027
SCCL	Raw Coal(External)	60.791	2.575			2.927	0.001	0.357	0.144	0.188	0.945	0.112	0.001	1.817	69.858			69.858	
JKML	Raw Coal(External)												0.004		0.004			0.004	
DVC_T	Raw Coal(External)	1.314													1.314			1.314	
IISCO	Raw Coal(External)				0.029										0.029			0.029	
JSMDCCL	Raw Coal(External)												0.095	0.243	0.338			0.338	
RRVUNL	Washed Coal	5.641													5.641			5.641	
NTPC	Raw Coal(External)	34.219													34.219			34.219	
WBPDCCL	Raw Coal(External)	17.333													17.333			17.333	
CSPGCL	Raw Coal(External)	3.763													3.763			3.763	
TGGENCO	Raw Coal(External)	2.493													2.493			2.493	
OCPL	Raw Coal(External)	6.484												1.871	8.355			8.355	
DPL	Raw Coal(External)	0.706													0.706			0.706	
NLCL_II&III	Raw Coal(External)	5.218	3.764			0.120		0.764	1.701					0.195	11.762			11.762	
APMDCL	Raw Coal(External)	4.845				0.187									5.032			5.032	
PSPCL	Raw Coal(External)	4.258													4.258			4.258	
THDC	Raw Coal(External)	1.266													1.266			1.266	
KPCL	Raw Coal(External)	2.492													2.492			2.492	
NALCO	Raw Coal(External)								2.000						2.000			2.000	
Total Public	Raw Coal(External)	714.657	55.380	0.241	0.000	0.452	7.461	0.331	10.441	4.300	0.197	1.027	0.173	0.100	62.576	857.336	0.159	0.000	857.495
	Washed Coal	9.388	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	9.395	0.000	0.000	9.395
	Middlings	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total	724.045	55.380	0.241	0.000	0.452	7.461	0.331	10.441	4.300	0.197	1.027	0.173	0.100	62.583	866.731	0.159	0.000	866.890
CESC	Raw Coal(External)	0.826													0.826			0.826	
	Washed Coal	0.494													0.494			0.494	
	Total	1.320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.320	0.000	0.000	1.320	
HIL	Raw Coal(External)		0.613												0.613			0.613	
SPL	Raw Coal(External)	18.077													18.077			18.077	
BALCO	Raw Coal(External)		1.161												1.161			1.161	
SIL	Raw Coal(External)		0.065					0.089						0.004	0.158			0.158	
JPVL	Raw Coal(External)	3.940													3.940			3.940	
JPL	Raw Coal(External)	0.161													0.161			0.161	
	Washed Coal		1.374												1.374			1.374	
	Total	0.161	1.374												1.535			1.535	
JSPL	Raw Coal(External)	0.367	0.327	0.517				0.357							1.568			1.568	
	Washed Coal							0.191							0.191			0.191	
	Middlings		0.162												0.162			0.162	
	Total	0.367	0.489	0.517	0.000	0.000	0.000	0.000	0.548	0.000	0.000	0.000	0.000	0.000	1.921	0.000	0.000	1.921	
RCCPL	Raw Coal(External)					0.328								0.328			0.328		
TUML	Raw Coal(External)												0.012	0.012			0.012		
AMBUJA	Raw Coal(External)		0.182			0.717									0.899			0.899	
BSIL	Washed Coal							0.001							0.001			0.001	
	Middlings		0.001												0.001			0.001	
	Total	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.002	
UTCL	Raw Coal(External)					0.585									0.585			0.585	
SEML	Raw Coal(External)	0.050	0.044											0.118	0.212			0.212	
	Washed Coal	0.015	0.148					0.073						0.256	0.492			0.492	
	Middlings	0.365	0.146											0.090	0.601			0.601	
	Total	0.430	0.338	0.000	0.000	0.000	0.000	0.000	0.073	0.000	0.000	0.000	0.000	0.464	1.305	0.000	0.000	1.305	
Vedanta	Raw Coal(External)							2.591							2.591			2.591	
BSMPL	Raw Coal(External)	0.198												0.091	0.289			0.289	
AIPL	Raw Coal(External)													0.064	0.064			0.064	
Total Private	Raw Coal(External)	23.619	2.392	0.517	0.000	0.000	1.630	0.000	0.446	2.591	0.000	0.000	0.000	0.000	0.289	31.484	0.000	0.000	31.484
	Washed Coal	0.509	1.522	0.000	0.000	0.000	0.000	0.000	0.265	0.000	0.000	0.000	0.000	0.000	2.552	0.000	0.000	2.552	
	Middlings	0.365	0.309	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.090	0.764	0.000	0.000	0.764	
	Total	24.493	4																

Table 4.25 : Grade Wise Off-take of Raw Coal to different Priority Sectors (Including Washeries) during 2023-24

(Qty. in MT)

Grade	Sectors																			
	Power (Utility)	Power (Captive)	Direct Feed	Coking Washery	Cokeries	Non Coking Washery	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic Metal (Aluminium)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatch	Colliery Own - Consumption	Colliery Staff	Total Offtake
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Steel-I																	0.000			0.000
Steel-II																0.030	0.030			0.030
Semi Coking-I	0.218																0.218			0.218
Wash-I				0.586													0.586			0.586
Wash-II			0.705	1.742												0.104	2.551			2.551
Wash-III	1.553		0.863	0.336					0.026							0.893	3.671			3.671
Wash-IV	24.651	0.077	5.333	0.660					0.301							2.306	33.328			33.328
Wash-V	18.336	0.008	0.333	1.256				0.072	0.141							0.921	21.067			21.067
Wash-VI	0.288		0.065	1.460	0.739				0.001								2.553			2.553
Total Coking	45.046	0.085	7.299	6.040	0.739	0.000	0.000	0.072	0.469	0.000	0.000	0.000	0.000	0.000	0.000	4.254	64.004	0.000	0.000	64.004
G1																0.042	0.042			0.042
G2															0.004	0.069	0.073			0.073
G3	1.711	0.032					0.057	0.022		0.020						0.878	2.720	0.032		2.752
G4	12.394	0.173					0.110	0.335		0.068						4.808	17.888	0.081		17.969
G5	5.039	0.228	0.002				0.162	0.759		0.096	0.113	0.007	0.028			1.093	7.527	0.038		7.565
G6	5.467	0.081	0.086	0.002			0.134	0.350	0.013	0.253	0.011	0.003	0.012	0.023		1.860	8.295			8.295
G7	47.849	0.633	0.036	0.059				1.180	0.014	0.506	0.012	0.093	0.124	0.008	0.001	4.157	54.672	0.006		54.678
G8	45.285	3.832	0.112	0.418			0.033	2.034	0.011	0.609	0.008	0.069	0.056	0.015		5.146	57.628	0.002		57.630
G9	57.072	1.860	0.005	0.006				0.206	0.021	0.241		0.008	0.016	0.025		2.625	62.085			62.085
G10	81.696	3.750	0.458			0.240		1.397	0.004	0.436	0.130	0.005	0.115	0.005		5.402	93.638			93.638
G11	226.529	11.702		0.804		4.849		1.939	0.256	3.814	0.174	0.006	0.417	0.097		11.345	261.932			261.932
G12	87.812	8.119				1.092		0.338	0.009	1.225	0.779		0.002		0.095	6.810	106.281			106.281
G13	95.007	11.668	0.782			0.135		0.377	0.003	0.679	0.941	0.006	0.199			5.174	114.971			114.971
G14	55.816	17.928				2.162		0.141		2.200	4.704					8.464	91.415			91.415
G15	15.385	0.977						0.008		0.483	0.019		0.058			3.681	20.611			20.611
G16		2.138				1.570		0.005									3.713			3.713
G17	1.163	0.044				4.102										0.205	5.514			5.514
Total Non Coking	738.225	63.165	1.481	1.289	0.000	14.150	0.496	9.091	0.331	10.630	6.891	0.197	1.027	0.173	0.100	61.759	909.005	0.159	0.000	909.164
All India	783.271	63.250	8.780	7.329	0.739	14.150	0.496	9.163	0.800	10.630	6.891	0.197	1.027	0.173	0.100	66.013	973.009	0.159	0.000	973.168

Share of Grade Wise Off-take of Raw Coal during 2023-24

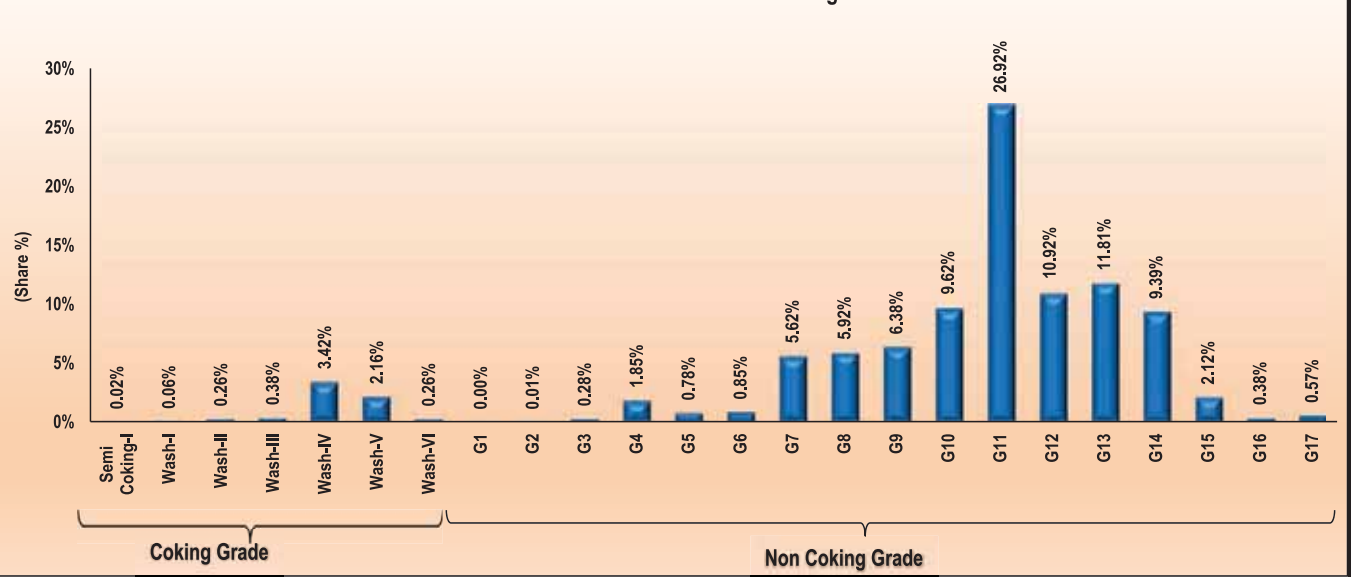


Table 4.26 : Company Wise Off-take of Lignite to different Priority Sectors During 2023-24

(Qty. in MT)

Company	Power (Utility)	Power (Captive)	Direct Feed	Coking Washery	Cokeries	Non Coking Washery	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatch	Colliery Own - Consumption	Colliery Staff	Total Offtake
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
BLMCL	6.212																6.212			6.212
GHCL	0.090																0.090			0.090
GIPCL	3.043																3.043			3.043
GMDCL	0.464	0.795					0.086	0.113	0.001			0.139	1.039	0.984	0.438	2.312	6.371			6.371
GPCL	1.843																1.843			1.843
NLCIL	2.986	19.347						0.017								0.669	23.019			23.019
RSMML								0.001						0.010		1.087	1.098			1.098
VSLPPL	0.915															0.003	0.918			0.918
TOTAL	15.553	20.142	0.000	0.000	0.000	0.000	0.086	0.131	0.001	0.000	0.000	0.139	1.039	0.994	0.438	4.071	42.594	0.000	0.000	42.594

Share of Company Wise Despatch of Lignite to Power(Utility & Captive) Sector in 2023-24

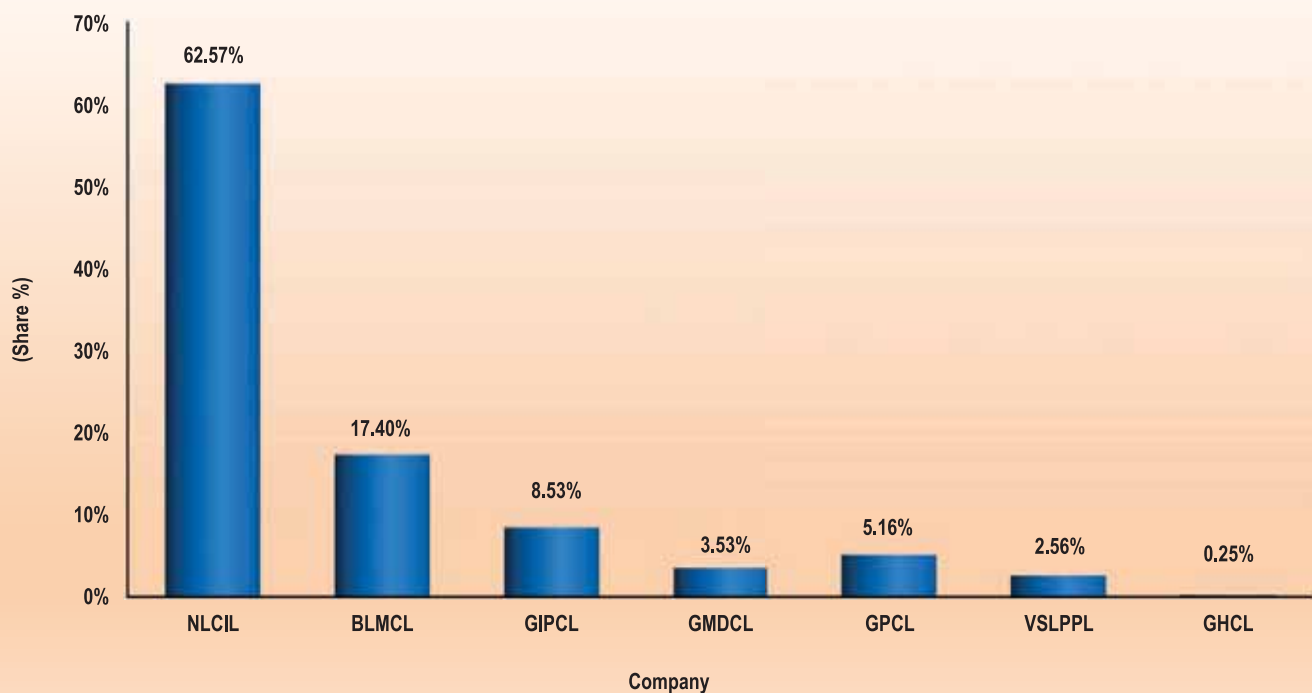


Table 4.27 : Despatch/Consumption of Raw Coal, Washed Coal, Middlings & Lignite to different State during 2023-24

(Qty. in MT)

State	Raw Coal & Coal Products	Power (Utility)	Power (Captive)	Direct Feed	Steel (Coke Oven Plants & Cokeries)	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatch	Colliery Own - Consumption	Colliery Staff	Total Off-take
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
COAL :																			
Andhra Pradesh	Raw Coal	44.013	1.466				0.440	0.001	0.055	0.059	0.074	0.039	0.003	0.001	0.817	46.968			46.968
	Washed Coal		0.074	0.191												0.265			0.265
	Middlings		0.145												0.062	0.207			0.207
	Total	44.013	1.685	0.191	0.000	0.000	0.440	0.001	0.055	0.059	0.074	0.039	0.003	0.001	0.879	47.440	0.000	0.000	47.440
Arunachal Pradesh	Raw Coal														0.001	0.001			0.001
	Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.001
Assam	Raw Coal	2.966	0.016				0.047								0.098	3.127			3.127
	Total	2.966	0.016	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.098	3.127	0.000	0.000	3.127
Bihar	Raw Coal	38.046	0.002												0.587	38.635			38.635
	Washed Coal	2.926														2.926			2.926
	Middlings	0.310														0.310			0.310
	Total	41.282	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.587	41.871	0.000	0.000	41.871
Chhattisgarh	Raw Coal	100.013	16.452	0.751		0.121	1.981		5.103						1.837	126.258	0.002		126.260
	Washed Coal	0.015	1.448	0.165	0.307				0.073						0.191	2.199			2.199
	Middlings	0.365	0.061												0.007	0.433			0.433
	Total	100.393	17.961	0.916	0.307	0.121	1.981	0.000	5.176	0.000	0.000	0.000	0.000	0.000	2.035	128.890	0.002	0.000	128.892
Delhi	Raw Coal														0.004	0.004			0.004
	Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.004	0.000	0.000	0.004
Gujarat	Raw Coal	19.467	0.379					0.027				0.006	0.004		0.343	20.226			20.226
	Total	19.467	0.379	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	0.006	0.004	0.000	0.343	20.226	0.000	0.000	20.226
Haryana	Raw Coal	19.494	0.047					0.181							0.049	19.771			19.771
	Total	19.494	0.047	0.000	0.000	0.000	0.000	0.181	0.000	0.000	0.000	0.000	0.000	0.000	0.049	19.771	0.000	0.000	19.771
Himachal Pradesh	Raw Coal		0.008				0.047									0.055			0.055
	Total	0.000	0.008	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.055	0.000	0.000	0.055
Jammu & Kashmir	Raw Coal													0.004		0.004			0.004
	Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.004	0.000	0.000	0.004
Jharkhand	Raw Coal	23.297	1.489	0.679	0.739	0.073			0.550					0.095	7.286	34.208			34.208
	Washed Coal	0.154		0.776	1.408										0.015	2.353			2.353
	Middlings	0.271	2.284												0.032	2.587			2.587
	Total	23.722	3.773	1.455	2.147	0.073	0.000	0.000	0.550	0.000	0.000	0.000	0.000	0.095	7.333	39.148	0.000	0.000	39.148
Kerala	Raw Coal		0.008				0.032								0.001	0.041			0.041
	Total	0.000	0.008	0.000	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.041	0.000	0.000	0.041
Karnataka	Raw Coal	24.898	1.198				0.853		0.123		0.004	0.008	0.106		0.049	27.239			27.239
	Washed Coal			0.044												0.044			0.044
	Total	24.898	1.198	0.044	0.000	0.000	0.853	0.000	0.123	0.000	0.004	0.008	0.106	0.000	0.049	27.283	0.000	0.000	27.283
Maharashtra	Raw Coal	90.876	1.635				1.657		0.396		0.007	0.053	0.010		3.483	98.117	0.004		98.121
	Washed Coal								0.001							0.001			0.001
	Middlings		0.001													0.001			0.001
	Total	90.876	1.636	0.000	0.000	0.000	1.657	0.000	0.397	0.000	0.007	0.053	0.010	0.000	3.483	98.119	0.004	0.000	98.123
Meghalaya	Raw Coal		0.004				0.144								0.155	0.303			0.303
	Total	0.000	0.004	0.000	0.000	0.000	0.144	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.155	0.303	0.000	0.000	0.303
Madhya Pradesh	Raw Coal	94.638	2.223				1.775				0.002	0.023	0.047		2.994	101.702	0.006		101.708
	Washed Coal														0.033	0.033			0.033
	Middlings		0.004													0.004			0.004
	Total	94.638	2.227	0.000	0.000	0.000	1.775	0.000	0.000	0.000	0.002	0.023	0.047	0.000	3.027	101.739	0.006	0.000	101.745

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Table 4.27 : Despatch/Consumption of Raw Coal, Washed Coal, Middlings & Lignite to different State during 2023-24

(Qty. in MT)

State	Raw Coal & Coal Products	Power (Utility)	Power (Captive)	Direct Feed	Steel (Coke Oven Plants & Cokeries)	Steel (Boilers)	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Despatch	Colliery Own - Consumption	Colliery Staff	Total Off-take
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Odisha	Raw Coal	49.172	23.514	0.723		0.100	0.106		3.486	6.747					16.727	100.575			100.575
	Washed Coal			0.279	0.920				0.191						0.024	1.414			1.414
	Middlings	0.040	1.284												0.121	1.445			1.445
	Total	49.212	24.798	1.002	0.920	0.100	0.106	0.000	3.677	6.747	0.000	0.000	0.000	0.000	16.872	103.434	0.000	0.000	103.434
Punjab	Raw Coal	21.922	0.295					0.308							0.154	22.679			22.679
	Total	21.922	0.295	0.000	0.000	0.000	0.000	0.308	0.000	0.000	0.000	0.000	0.000	0.000	0.154	22.679	0.000	0.000	22.679
Rajasthan	Raw Coal	28.281	1.580				0.305	0.160							0.044	30.370			30.370
	Washed Coal	5.641														5.641			5.641
	Total	33.922	1.580	0.000	0.000	0.000	0.305	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.044	36.011	0.000	0.000	36.011
Tamilnadu	Raw Coal	27.953	2.236				0.126					0.037			0.008	30.360			30.360
	Total	27.953	2.236	0.000	0.000	0.000	0.126	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.008	30.360	0.000	0.000	30.360
Telangana	Raw Coal	37.926	0.950				1.451		0.217	0.085	0.110	0.861	0.003		1.334	42.937			42.937
	Total	37.926	0.950	0.000	0.000	0.000	1.451	0.000	0.217	0.085	0.110	0.861	0.003	0.000	1.334	42.937	0.000	0.000	42.937
Uttar Pradesh	Raw Coal	99.239	3.420				0.171	0.123	0.124						6.725	109.802			109.802
	Washed Coal	0.667														0.667			0.667
	Middlings	0.597	0.016													0.613			0.613
	Total	100.503	3.436	0.000	0.000	0.000	0.171	0.123	0.124	0.000	0.000	0.000	0.000	0.000	6.725	111.082	0.000	0.000	111.082
Uttarakhand	Raw Coal		0.214												0.378	0.592			0.592
	Total	0.000	0.214	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.378	0.592	0.000	0.000	0.592
West Bengal	Raw Coal	60.116	0.721			0.158			0.833						5.514	67.342	0.147		67.489
	Washed Coal	0.494		0.564	0.524											1.582			1.582
	Middlings	0.593	0.722												0.019	1.334			1.334
	Total	61.203	1.443	0.564	0.524	0.158	0.000	0.000	0.833	0.000	0.000	0.000	0.000	0.000	5.533	70.258	0.147	0.000	70.405
Others	Raw Coal	0.954					0.028								17.293	18.275			18.275
	Washed Coal			0.192												0.192			0.192
	Middlings		0.007												0.004	0.011			0.011
	Total	0.954	0.007	0.192	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.297	18.478	0.000	0.000	18.478
All India	Raw Coal	783.271	57.857	2.153	0.739	0.452	9.163	0.800	10.887	6.891	0.197	1.027	0.173	0.100	65.881	939.591	0.159	0.000	939.750
	Washed Coal	9.897	1.522	2.211	3.159	0.000	0.000	0.000	0.265	0.000	0.000	0.000	0.000	0.000	0.263	17.317	0.000	0.000	17.317
	Middlings	2.176	4.524	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.245	6.945	0.000	0.000	6.945
	Total	795.344	63.903	4.364	3.898	0.452	9.163	0.800	11.152	6.891	0.197	1.027	0.173	0.100	66.389	963.853	0.159	0.000	964.012
Lignite																			
Gujarat	Lignite	5.440	0.795			0.086	0.113	0.001			0.139	1.039	0.993	0.438	2.498	11.542			11.542
Jharkhand															0.001	0.001			0.001
Madhya Pradesh															0.026	0.026			0.026
Rajasthan		8.539					0.018						0.001		1.541	10.099			10.099
Tamilnadu		1.574	19.347													20.921			20.921
Uttar Pradesh															0.005	0.005			0.005
All India		15.553	20.142		0.000	0.086	0.131	0.001	0.000	0.000	0.139	1.039	0.994	0.438	4.071	42.594	0.000	0.000	42.594

Table 4.28 : Availability and Off-take of Indian Raw Coal from Public & Private Sector during last Ten Years

(Qty. in MT)

Year	Public							Private							All India						
	Availability			Off-Take			Closing Stock	Availability			Off-Take			Closing Stock	Availability			Off-Take			Closing Stock
	Op.St.	Prdn.	Total	Desp.	Coll. Con.	Total		Op.St.	Prdn.	Total	Desp.	Coll. Con.	Total		Op.St.	Prdn.	Total	Desp.	Coll. Con.	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
2014-15	54.534	567.032	621.566	561.822	0.575	562.397	59.101	0.980	42.147	43.127	41.950	0.001	41.951	0.288	55.514	609.179	664.693	603.772	0.576	604.348	59.389
2015-16	59.101	606.677	665.778	600.306	0.335	600.641	64.776	0.288	32.553	32.841	32.136	0.001	32.137	0.585	59.389	639.230	698.619	632.442	0.336	632.778	65.361
2016-17	64.776	625.196	689.972	613.398	0.289	613.687	76.215	0.585	32.672	33.257	32.580		32.580	0.674	65.361	657.868	723.229	645.978	0.289	646.267	76.889
2017-18	76.215	641.774	717.989	656.706	0.243	656.949	61.031	0.674	33.626	34.300	33.297		33.297	1.005	76.889	675.400	752.289	690.003	0.243	690.246	62.036
2018-19	61.031	694.983	756.014	698.919	0.220	699.139	56.776	1.005	33.735	34.740	33.875		33.875	0.864	62.036	728.718	790.754	732.794	0.220	733.014	57.640
2019-20	56.776	698.224	755.000	674.526	0.211	674.737	80.568	0.864	32.650	33.514	32.650		32.650	0.864	57.640	730.874	788.514	707.176	0.211	707.387	81.432
2020-21	80.568	685.950	766.518	661.145	0.197	661.342	107.804	0.864	30.133	30.997	29.739		29.739	1.256	81.432	716.083	797.515	690.884	0.197	691.081	109.060
2021-22	107.804	747.441	855.245	788.670	0.192	788.862	67.419	1.256	30.769	32.025	30.543	0.000	30.543	1.482	109.060	778.210	887.270	819.213	0.192	819.405	68.901
2022-23	67.419	853.862	921.281	839.003	0.180	839.183	81.971	1.482	39.329	40.811	38.366	0.000	38.366	2.445	68.901	893.191	962.092	877.369	0.180	877.549	84.416
2023-24	81.971	949.793	1031.764	925.964	0.159	926.123	105.314	2.445	48.033	50.478	47.045	0.000	47.045	3.432	84.416	997.826	1082.242	973.009	0.159	973.168	108.746

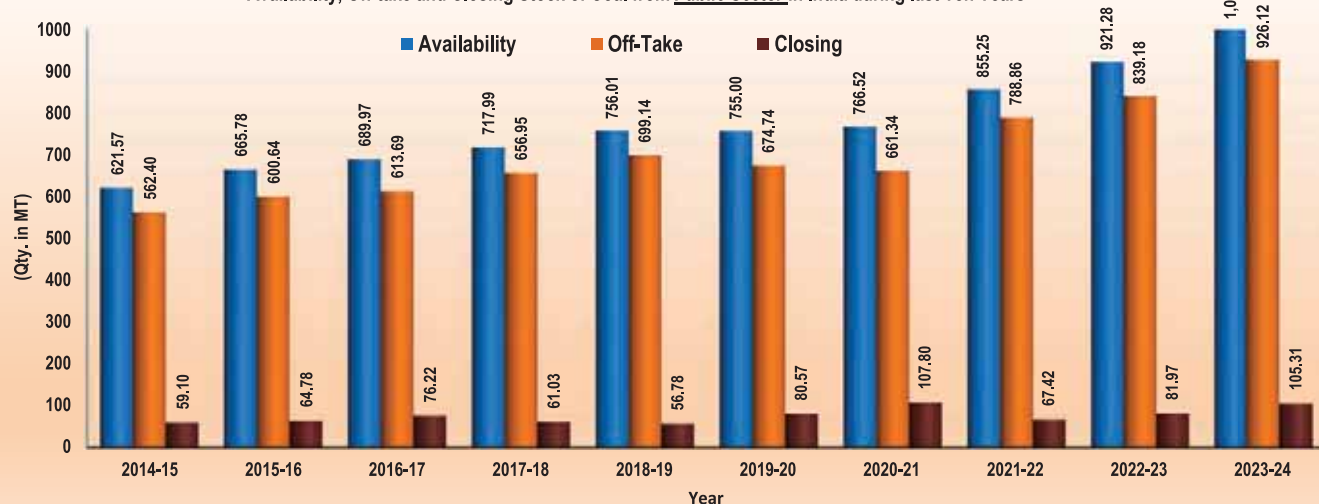
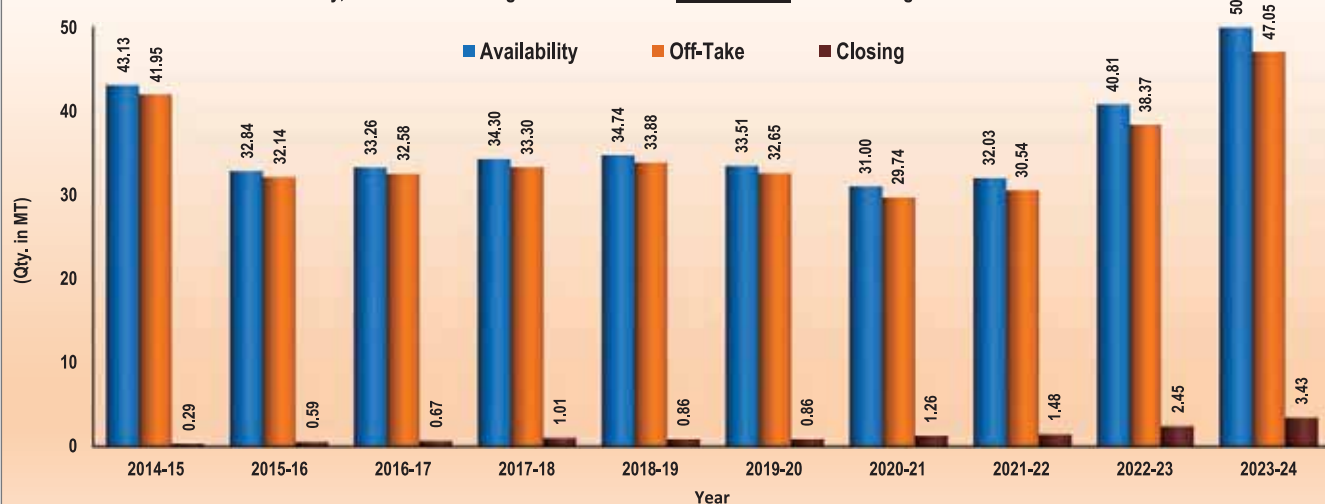
Availability, Off-take and Closing Stock of Coal from Public Sector in India during last Ten YearsAvailability, Off-take and Closing Stock of Coal from Private Sector in India during last Ten Years

Table 4.29 : Availability and Off-take of Indian Coal by Captive and Non Captive Mine during last Ten Years

(Quantity in Million Tonnes)

Year	Captive							Non-Captive							All India						
	Availability			Off-Take			Closing Stock	Availability			Off-Take			Closing Stock	Availability			Off-Take			Closing Stock
	Op.St.	Prdn.	Total	Desp.	Coll. Con	Total		Op.St.	Prdn.	Total	Desp.	Coll. Con	Total		Op.St.	Prdn.	Total	Desp.	Coll. Con	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
2014-15	1.224	52.722	53.946	52.570	0.000	52.570	0.475	54.290	556.457	610.747	551.202	0.576	551.778	58.914	55.514	609.179	664.693	603.772	0.576	604.348	59.389
2015-16	0.475	31.101	31.576	30.553	0.000	30.553	0.704	58.914	608.129	667.043	601.889	0.336	602.225	64.657	59.389	639.230	698.619	632.442	0.336	632.778	65.361
2016-17	0.704	37.867	38.571	36.446	0.000	36.446	2.122	64.657	620.001	684.658	609.532	0.289	609.821	74.767	65.361	657.868	723.229	645.978	0.289	646.267	76.889
2017-18	2.122	41.620	43.742	41.821	0.000	41.821	1.922	74.767	633.780	708.547	648.182	0.243	648.425	60.114	76.889	675.400	752.289	690.003	0.243	690.246	62.036
2018-19	1.922	54.852	56.774	54.662	0.000	54.662	2.110	60.114	673.866	733.980	678.132	0.220	678.352	55.530	62.036	728.718	790.754	732.794	0.220	733.014	57.640
2019-20	2.110	61.296	63.406	59.966	0.000	59.966	3.259	55.530	669.578	725.108	647.210	0.211	647.421	78.173	57.640	730.874	788.514	707.176	0.211	707.387	81.432
2020-21	3.259	66.351	69.610	62.465	0.000	62.465	4.697	78.173	649.732	727.905	628.419	0.197	628.616	104.347	81.432	716.083	797.515	690.884	0.197	691.081	109.044
2021-22	4.697	88.631	93.328	89.789	0.000	89.789	3.547	104.347	689.579	793.926	729.424	0.192	729.616	65.354	109.044	778.210	887.254	819.213	0.192	819.405	68.901
2022-23	3.547	118.731	122.278	112.281	0.000	112.281	9.999	65.354	774.460	839.814	765.088	0.180	765.268	74.417	68.901	893.191	962.092	877.369	0.180	877.549	84.416
2023-24	9.999	147.685	157.684	143.360	0.000	143.360	14.312	74.417	850.141	924.558	829.649	0.159	829.808	94.434	84.416	997.826	1082.242	973.009	0.159	973.168	108.746

Availability, Off-take and Closing Stock of Raw Coal in Indian during last Ten Years

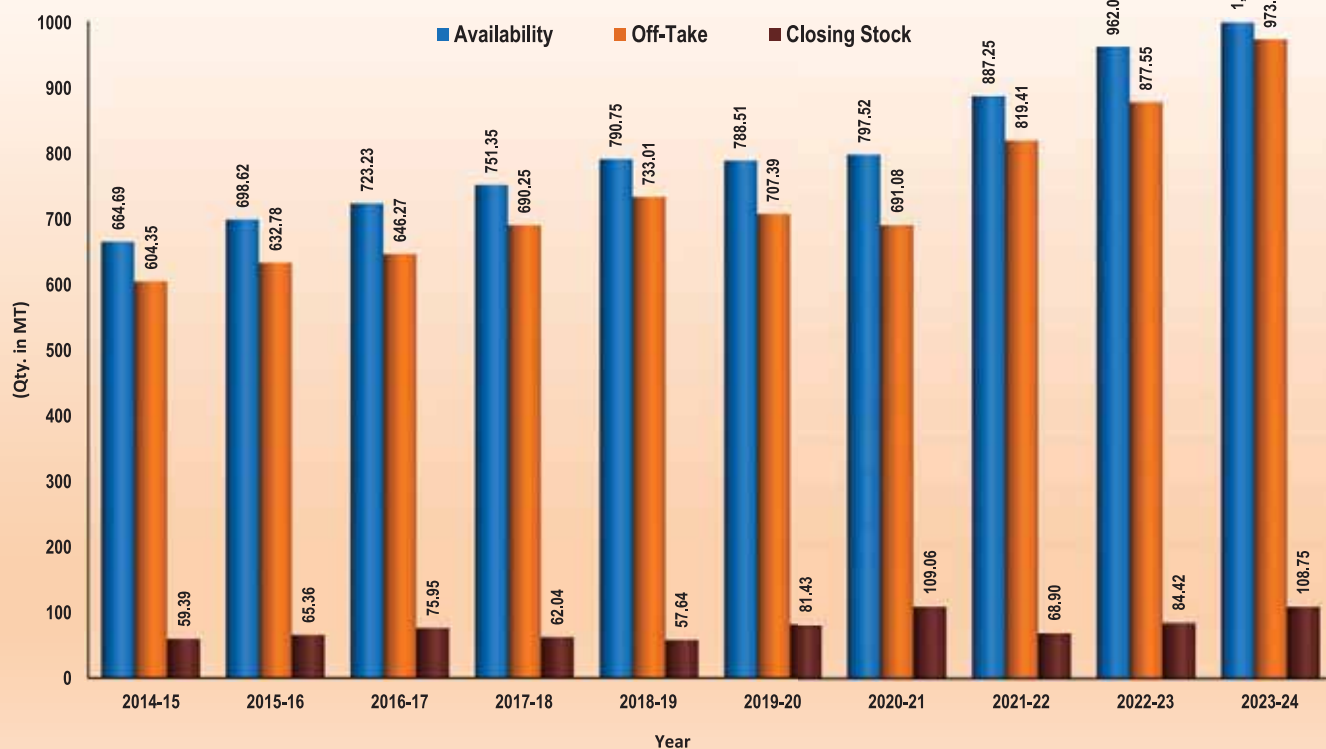


Table 4.30 : Availability and Off-take of Raw Coal by Companies in India during 2022-23 & 2023-24

(Qty. in MT)

Company	2022-23							2023-24						
	Availability			Off-Take			Closing Stock	Availability			Off-Take			Closing Stock
	Opening Stock	Production	Total	Despatch	Colliery Consumption	Total		Opening Stock	Production	Total	Despatch	Colliery Consumption	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Total CIL	99.139	703.204	802.343	694.544	0.180	694.724	69.300	69.300	773.806	843.106	753.533	0.159	753.692	89.086
SCCL	5.239	67.137	72.376	66.693		66.693	5.147	5.147	70.021	75.168	69.858		69.858	5.310
JKML	0.009	0.010	0.019	0.010		0.010	0.000	0.000	0.008	0.008	0.004		0.004	0.005
DVC	0.060	0.033	0.093	0.000		0.000	0.033	0.033	1.520	1.553	1.314		1.314	0.240
IISCO	0.003	0.086	0.089	0.084		0.084	0.002	0.002	0.206	0.208	0.204		0.204	0.004
SAIL	0.000	0.303	0.303	0.303		0.303	0.000	0.000	0.333	0.333	0.333		0.333	0.000
JSMDCL	0.015	0.305	0.320	0.312		0.312	0.004	0.004	0.336	0.340	0.338		0.338	0.002
RRVUNL	0.000	11.801	11.801	11.801		11.801	0.000	0.000	6.701	6.701	6.701		6.701	0.000
NTPC	1.083	23.203	24.286	21.818		21.818	1.792	1.792	34.390	36.182	34.219		34.219	1.965
WBPDCCL	0.873	18.714	19.587	15.697		15.697	3.516	3.516	18.440	21.956	17.333		17.333	4.624
CSPGCL	0.334	3.617	3.951	3.082		3.082	0.608	0.608	4.003	4.611	3.763		3.763	0.848
TGGENCO	0.008	2.500	2.508	2.500		2.500	0.008	0.008	2.500	2.508	2.493		2.493	0.015
OCPL	0.685	8.000	8.685	8.219		8.219	0.156	0.156	8.509	8.665	8.355		8.355	0.311
DPL	0.043	0.551	0.594	0.526		0.526	0.050	0.050	1.000	1.050	0.706		0.706	0.344
NLCL_II&III	0.313	10.026	10.339	9.898		9.898	0.429	0.429	12.641	13.070	11.762		11.762	1.308
APMDCL	0.000	1.946	1.946	1.420		1.420	0.549	0.549	5.000	5.549	5.032		5.032	0.512
KPCL	0.000	1.608	1.608	1.646		1.646	0.010	0.010	2.500	2.510	2.492		2.492	0.018
THDC	0.000	0.311	0.311	0.000		0.000	0.311	0.311	1.251	1.562	1.266		1.266	0.296
PSPCL	0.000	0.507	0.507	0.450		0.450	0.056	0.056	4.628	4.684	4.258		4.258	0.426
NALCO						0.000		0.000	2.000	2.000	2.000		2.000	0.000
Total Public	107.804	853.862	961.666	839.003	0.180	839.183	81.971	81.971	949.793	1031.764	925.964	0.159	926.123	105.314
TSL	0.016	5.769	5.785	5.771		5.771	0.007	0.007	5.924	5.931	5.904		5.904	0.027
SPL	0.683	16.312	16.995	16.394		16.394	0.448	0.448	18.276	18.724	18.077		18.077	0.647
CESC	0.334	1.801	2.135	1.949		1.949	0.147	0.147	1.293	1.440	1.428		1.428	0.013
HIL	0.131	0.685	0.816	0.746		0.746	0.009	0.009	0.651	0.660	0.613		0.613	0.048
BALCO	0.001	1.000	1.001	0.818		0.818	0.183	0.183	1.000	1.183	1.161		1.161	0.022
SIL	0.031	0.193	0.224	0.211		0.211	0.015	0.015	0.146	0.161	0.158		0.158	0.003
JPVL	0.000	3.360	3.360	3.139		3.139	0.221	0.221	3.920	4.141	3.940		3.940	0.200
JPL	0.000	6.000	6.000	5.611		5.611	0.466	0.466	7.907	8.373	6.874		6.874	1.499
RCCPL	0.000	0.352	0.352	0.352		0.352	0.001	0.001	0.329	0.330	0.328		0.328	0.001
TUML	0.001	0.181	0.182	0.202		0.202	0.022	0.022	0.001	0.023	0.023		0.023	0.000
BSIL	0.000	0.200	0.200	0.164		0.164	0.057	0.057	0.105	0.162	0.061		0.061	0.100
SEML	0.000	1.200	1.200	1.491		1.491	0.099	0.099	1.440	1.539	1.516		1.516	0.023
AMBUJA	0.059	1.200	1.259	1.107		1.107	0.103	0.103	0.950	1.053	0.899		0.899	0.154
VEDANTA	0.000	0.693	0.693	0.038		0.038	0.656	0.656	2.126	2.782	2.591		2.591	0.190
UTCL	0.000	0.359	0.359	0.355		0.355	0.007	0.007	0.750	0.757	0.585		0.585	0.172
BSMPL	0.000	0.024	0.024	0.018		0.018	0.004	0.004	0.300	0.304	0.289		0.289	0.017
JSPL			0.000			0.000		0.000	2.830	2.830	2.534		2.534	0.295
AIPL			0.000			0.000		0.000	0.085	0.085	0.064		0.064	0.021
Total Private	1.256	39.329	40.585	38.366	0.000	38.366	2.445	2.445	48.033	50.478	47.045	0.000	47.045	3.432
All India	109.060	893.191	1002.251	877.369	0.180	877.549	84.416	84.416	997.826	1082.242	973.009	0.159	973.168	108.746

Table 4.31 : Company Wise and Sector Wise Off-take of Lignite during last Five Years

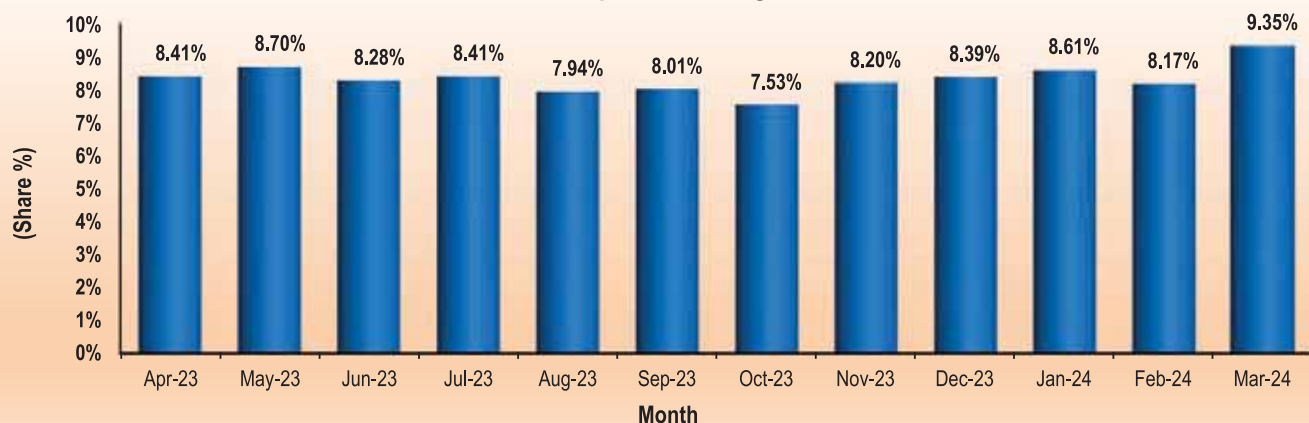
(Qty. in MT)

Company	Year	Power	Steel	Cement	Fertilizer	Textiles	B & C	Paper	Brick	Chemical	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
BLMCL	2019-20	5.303										5.303
GHCL		0.055										0.055
GIPCL		3.342										3.342
GMDCL		2.691		0.144	0.002	0.122	0.014	0.438	0.454	0.298	2.794	6.957
NLCL		24.244	0.021	0.628				0.108	0.011		0.111	25.123
RSMMML				0.224		0.040	0.043				0.483	0.790
VSLPPL		0.697										0.697
Total		36.332	0.021	0.996	0.002	0.162	0.057	0.546	0.465	0.298	3.388	42.267
BLMCL	2020-21	6.163										6.163
GHCL		0.036										0.036
GIPCL		3.507										3.507
GMDCL		2.023		0.102		0.252		0.475	0.418	0.364	2.370	6.004
GPCL		1.272										1.272
NLCL		19.009	0.024	0.548				0.091	0.008	0.001	0.072	19.753
RSMMML				0.161		0.038			0.002		0.629	0.830
VSLPPL	0.927										0.927	
Total		32.937	0.024	0.811	0.000	0.290	0.000	0.566	0.428	0.365	3.071	38.492
BLMCL	2021-22	5.796										5.796
GHCL		0.069										0.069
GIPCL		2.910										2.910
GMDCL		1.918	0.139	0.115	0.001	1.904		1.923	1.130	0.365	1.060	8.554
GPCL		1.852										1.852
NLCL		25.294	0.123	1.121				0.183	0.003	0.009	0.199	26.932
RSMMML				0.316		0.176					1.489	1.981
VSLPPL	0.918									0.062	0.980	
Total		38.757	0.262	1.551	0.001	2.080	0.000	2.106	1.133	0.374	2.811	49.074
BLMCL	2022-23	6.125										6.125
GHCL		0.091										0.091
GIPCL		3.050										3.050
GMDCL		2.060	0.080	0.512		1.771		0.780	0.607	0.989	0.781	7.580
GPCL		1.580										1.580
NLCL		25.315	0.042	0.239				0.114	0.002	0.005	0.460	26.177
RSMMML		0.000		0.085	0.010	0.082	0.021				1.010	1.208
VSLPPL	0.727									0.284	1.011	
Total		38.948	0.122	0.836	0.010	1.853	0.021	0.894	0.609	0.994	2.535	46.822
BLMCL	2023-24	6.212										6.212
GHCL		0.090										0.090
GIPCL		3.043										3.043
GMDCL		1.259	0.086	0.113	0.001	0.984		1.039	0.438	0.139	2.312	6.371
GPCL		1.843										1.843
NLCL		22.333		0.017							0.669	23.019
RSMMML		0.000		0.001		0.010					1.087	1.098
VSLPPL	0.915									0.003	0.918	
Total		35.695	0.086	0.131	0.001	0.994	0.000	1.039	0.438	0.139	4.071	42.594

Table 4.32 : Month Wise and Grade Wise Coking Coal Despatch during 2023-24

(Qty. in MT)												
Month	Quantity	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	Wash-VI	Total Coking	Share %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-23	Quantity			0.017	0.020	0.214	0.286	2.912	1.741	0.192	5.382	8.41%
	(Growth %)			▼ 10.5%	▲ 100.0%	▲ 18.2%	▲ 7.5%	▲ 26.3%	▼ 10.0%	▲ 15.7%	▲ 10.3%	
May-23	Quantity			0.018	0.017	0.180	0.241	3.000	1.903	0.211	5.570	8.70%
	(Growth %)			▲ 5.9%	▼ 5.6%	▲ 0.6%	▼ 17.2%	▲ 23.9%	▼ 4.5%	▲ 142.5%	▲ 11.2%	
Jun-23	Quantity			0.013	0.013	0.152	0.240	2.682	1.996	0.203	5.299	8.28%
	(Growth %)			▼ 23.5%	▼ 13.3%	▼ 29.3%	▼ 26.4%	▼ 1.1%	▲ 0.6%	▲ 93.3%	▼ 1.4%	
Jul-23	Quantity		0.022	0.025	0.015	0.177	0.259	2.769	1.915	0.201	5.383	8.41%
	(Growth %)			▲ 19.0%	▼ 34.8%	▼ 11.1%	▲ 4.9%	▲ 11.2%	▲ 23.5%	▲ 4.1%	▲ 14.0%	
Aug-23	Quantity		0.008	0.016	0.023	0.250	0.185	2.682	1.732	0.188	5.084	7.94%
	(Growth %)			▼ 23.8%	▲ 109.1%	▲ 100.0%	▼ 20.3%	▲ 38.6%	▲ 1.1%	▲ 21.3%	▲ 21.2%	
Sep-23	Quantity			0.018	0.027	0.210	0.263	2.783	1.673	0.155	5.129	8.01%
	(Growth %)			▼ 18.2%	▲ 68.8%	▼ 10.3%	▲ 14.3%	▲ 59.8%	▲ 1.4%	▲ 22.0%	▲ 24.7%	
Oct-23	Quantity			0.017	0.046	0.166	0.241	2.663	1.513	0.171	4.817	7.53%
	(Growth %)			▼ 15.0%	▲ 411.1%	▼ 4.0%	▼ 20.2%	▲ 21.6%	▼ 6.0%	▲ 32.6%	▲ 8.7%	
Nov-23	Quantity			0.017	0.072	0.144	0.273	2.703	1.850	0.191	5.250	8.20%
	(Growth %)			▼ 10.5%	▲ 260.0%	▼ 40.2%	▼ 11.4%	▲ 1.3%	▲ 0.7%	▲ 43.6%	▲ 0.5%	
Dec-23	Quantity			0.016	0.076	0.168	0.369	2.655	1.918	0.166	5.368	8.39%
	(Growth %)			▼ 20.0%	▲ 406.7%	▼ 28.8%	▲ 22.6%	▼ 0.7%	▲ 2.8%	▼ 13.1%	▲ 1.2%	
Jan-24	Quantity			0.020	0.086	0.258	0.426	2.819	1.651	0.249	5.509	8.61%
	(Growth %)			▼ 9.1%	▲ 760.0%	▼ 0.4%	▲ 59.6%	▲ 15.0%	▲ 1.6%	▲ 21.5%	▲ 6.7%	
Feb-24	Quantity			0.018	0.091	0.269	0.404	2.580	1.561	0.308	5.231	8.17%
	(Growth %)			▲ 80.0%	▲ 658.3%	▲ 8.9%	▼ 4.7%	▲ 6.0%	▼ 12.0%	▲ 59.6%	▲ 2.7%	
Mar-24	Quantity			0.023	0.100	0.363	0.484	3.080	1.614	0.318	5.982	9.35%
	(Growth %)			▼ 37.8%	▲ 1011.1%	▲ 31.5%	▲ 5.7%	▼ 1.9%	▼ 8.2%	▲ 42.6%	▲ 1.4%	
Total	Quantity		0.030	0.218	0.586	2.551	3.671	33.328	21.067	2.553	64.004	100.00%
	(Growth %)		▲ 100.0%	▼ 11.0%	▲ 248.8%	▼ 0.5%	▲ 0.5%	▲ 14.3%	▼ 3.0%	▲ 33.9%	▲ 7.7%	

Share of Month Wise Despatch of Coking Coal in 2023-24



Share of Grade Wise Despatch of Coking Coal in 2023-24

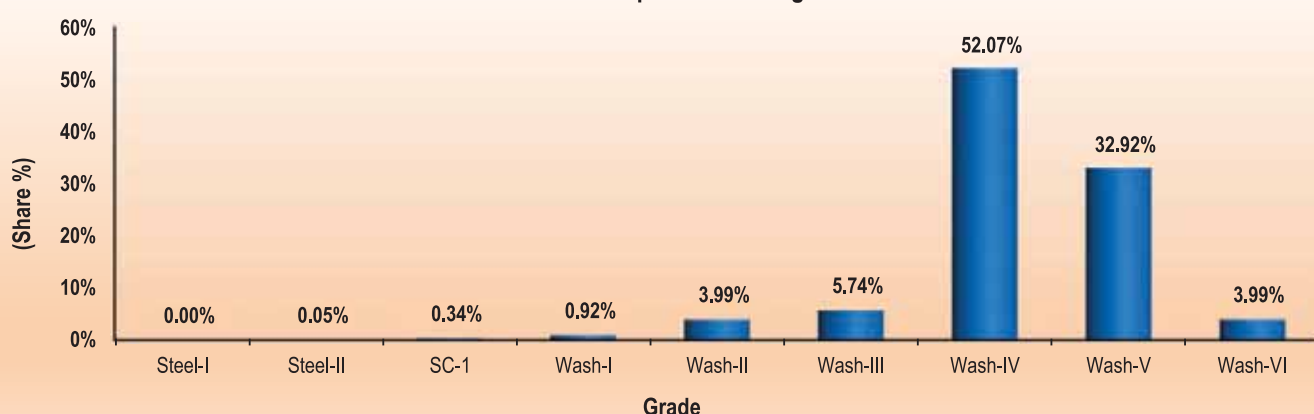
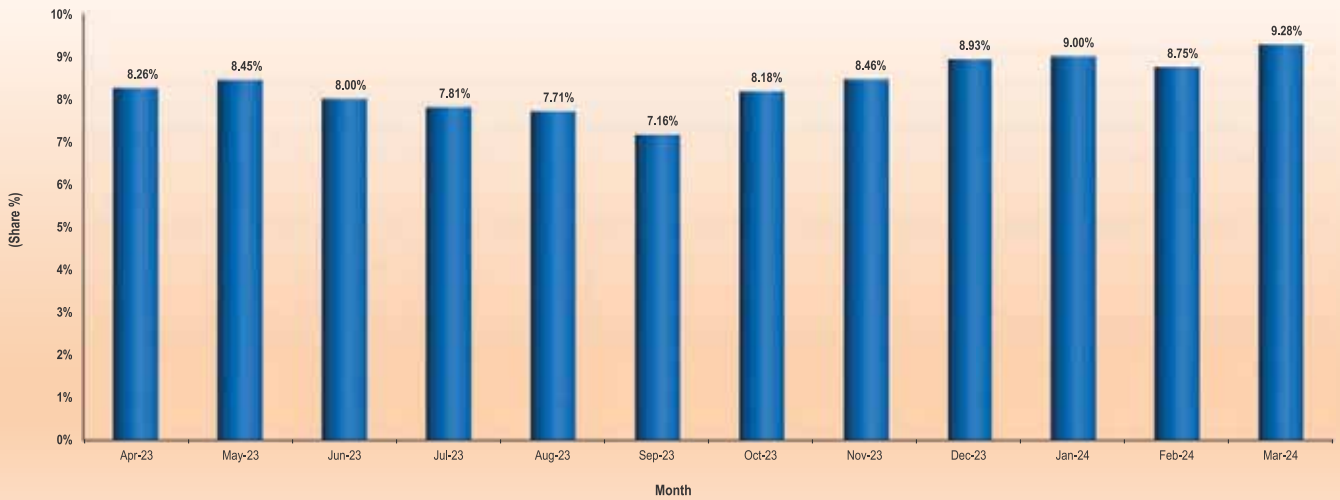


Table 4.33 : Month Wise and Grade Wise Non Coking Coal Despatch during 2023-24

																				(Qty. in MT)	
Month	Quantity	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17	Total Non Coking	Share %	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	
Apr-23	Quantity		0.001	0.175	1.202	0.688	0.604	3.661	4.634	4.588	8.064	22.280	8.210	9.562	8.626	2.015	0.179	0.583	75,072	8.26%	
	(Growth %)	▼100.0%	▼50.0%	▲136.5%	▼16.1%	▲1.3%	▲6.5%	▼17.4%	▲2.9%	▲43.1%	▲17.5%	▲19.2%	▲19.0%	▲2.0%	▲14.5%	▲107.1%	▼80.0%	▲23.5%	▲12.0%		
May-23	Quantity		0.001	0.132	1.270	0.679	0.620	4.457	4.659	4.538	8.449	22.445	8.135	9.724	8.556	2.262	0.448	0.433	76,808	8.45%	
	(Growth %)	▲0.0%	▼50.0%	▲65.0%	▼7.2%	▲18.1%	▲14.6%	▲0.1%	▼6.2%	▲28.2%	▲13.9%	▲10.0%	▲3.1%	▼8.0%	▲8.4%	▲53.5%	▼43.0%	▼3.3%	▲5.6%		
Jun-23	Quantity	0.001	0.001	0.163	1.270	0.632	0.940	4.684	4.366	3.981	8.774	21.366	7.384	8.873	7.148	2.204	0.460	0.508	72,755	8.00%	
	(Growth %)	▲0.0%	▼87.5%	▲32.5%	▲2.8%	▲6.2%	▲93.4%	▲25.8%	▼12.5%	▲12.2%	▲23.6%	▲7.9%	▼9.4%	▼5.0%	▼9.4%	▲87.1%	▼4.8%	▼14.6%	▲4.4%		
Jul-23	Quantity	0.001	0.001	0.216	1.245	0.639	0.684	5.065	3.781	4.450	8.115	20.521	7.663	8.338	7.382	2.038	0.286	0.543	70,968	7.81%	
	(Growth %)	▲0.0%	▼90.9%	▲50.0%	▼7.6%	▼16.1%	▲37.6%	▲38.7%	▼0.8%	▲35.2%	▲56.1%	▲18.5%	▲4.7%	▼4.5%	▼8.2%	▲39.6%	▼44.6%	▲71.8%	▲13.0%		
Aug-23	Quantity	0.004	0.004	0.178	1.119	0.549	0.612	4.664	4.421	4.436	6.952	19.635	7.373	9.940	7.725	1.671	0.288	0.537	70,108	7.71%	
	(Growth %)	▲100.0%	▲0.0%	▲54.8%	▼2.5%	▼22.0%	▲18.8%	▲6.9%	▲10.8%	▲36.7%	▲35.6%	▲26.0%	▲17.6%	▲33.3%	▼1.2%	▼5.5%	▲21.5%	▲66.3%	▲18.8%		
Sep-23	Quantity		0.007	0.164	1.062	0.513	0.577	4.076	4.477	4.396	5.992	17.819	7.283	8.697	7.968	1.485	0.277	0.318	65,111	7.16%	
	(Growth %)	▲0.0%	▲16.7%	▲37.8%	▼1.8%	▼17.1%	▲1.2%	▲4.2%	▲10.1%	▲35.3%	▲9.8%	▲30.9%	▲8.2%	▲14.9%	▲9.5%	▼20.2%	▲443.1%	▼30.4%	▲14.4%		
Oct-23	Quantity		0.004	0.224	1.303	0.605	0.586	4.674	4.466	5.564	7.074	20.455	8.722	9.342	8.930	1.479	0.512	0.415	74,355	8.18%	
	(Growth %)	▲0.0%	▲100.0%	▲51.4%	▲10.9%	▼4.0%	▲10.8%	▲21.5%	▲3.8%	▲56.7%	▲3.9%	▲25.0%	▲24.5%	▲15.3%	▲15.2%	▼16.7%	▲1119.0%	▲20.3%	▲18.6%		
Nov-23	Quantity	0.002	0.009	0.249	1.546	0.810	0.666	5.274	4.708	6.271	7.265	20.169	9.896	9.612	8.457	1.103	0.370	0.529	76,936	8.46%	
	(Growth %)	▲100.0%	▲800.0%	▲74.1%	▲11.0%	▲22.2%	▲33.7%	▲36.5%	▲3.4%	▲61.0%	▲3.3%	▲3.9%	▲22.1%	▲9.7%	▲1.2%	▼26.4%	▲162.4%	▲20.0%	▲11.3%		
Dec-23	Quantity		0.004	0.277	1.663	0.575	0.777	4.800	5.374	6.400	8.012	23.007	10.806	9.982	7.127	1.566	0.458	0.389	81,217	8.93%	
	(Growth %)	▲0.0%	▲300.0%	▲54.7%	▲9.6%	▼15.2%	▲13.6%	▲19.8%	▲10.4%	▲51.8%	▼5.7%	▲11.2%	▲38.8%	▲6.5%	▼19.4%	▼13.0%	▲17.1%	▲5.4%	▲9.3%		
Jan-24	Quantity	0.005	0.008	0.316	1.854	0.619	0.935	4.604	5.444	6.204	8.117	24.109	10.127	10.199	6.896	1.701	0.289	0.395	81,822	9.00%	
	(Growth %)	▲400.0%	▼20.0%	▲101.3%	▲22.7%	▼30.2%	▲14.3%	▲14.8%	▲8.4%	▲41.1%	▼10.8%	▲16.1%	▲24.0%	▲2.7%	▼21.6%	▼19.0%	▼33.7%	▼20.2%	▲6.5%		
Feb-24	Quantity	0.007	0.008	0.327	1.949	0.588	0.656	4.520	5.496	5.882	8.095	24.034	9.597	10.259	6.027	1.689	0.376	0.376	79,510	8.75%	
	(Growth %)	▲75.0%	▼11.1%	▲100.6%	▲33.1%	▼16.6%	▼28.9%	▲43.0%	▲29.3%	▲36.8%	▲1.9%	▲26.9%	▲19.2%	▲23.0%	▼27.6%	▼4.2%	▼100.0%	▼11.9%	▲14.4%		
Mar-24	Quantity	0.022	0.025	0.299	2.405	0.630	0.638	4.193	5.802	5.375	8.729	26.092	11.085	10.443	6.573	1.398	0.146	0.488	84,343	9.28%	
	(Growth %)	▲100.0%	▲56.3%	▲54.1%	▲36.3%	▼20.4%	▼37.3%	▲19.4%	▲23.8%	▲18.4%	▲2.9%	▲17.3%	▲33.7%	▲12.7%	▼29.1%	▼32.1%	▼66.1%	▲8.7%	▲9.1%		
Total	Quantity	0.042	0.073	2.720	17.888	7.527	8.295	54.672	57.628	62.085	93.638	261.932	106.281	114.971	91.415	20.611	3.713	5.514	909,005	100.00%	
	(Growth %)	▲425.0%	▲1.4%	▲66.0%	▲8.8%	▼9.2%	▲8.5%	▲16.5%	▲6.7%	▲38.0%	▲10.1%	▲17.0%	▲17.2%	▲7.6%	▼6.5%	▲4.6%	▼23.7%	▲7.3%	▲11.1%		

Share of Month Wise Despatch of Non-Coking Coal during 2023-24



Share of Grade Wise Despatch of Non Coking Coal during 2023-24

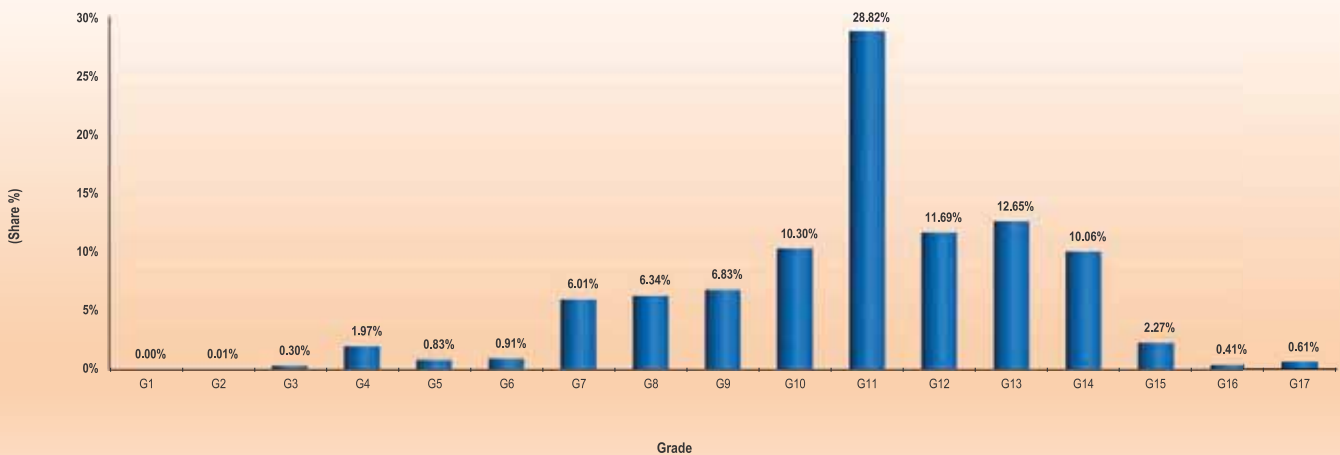


Table 4.34 : Availability and Supply of Raw Coal & Lignite during 2022-23 & 2023-24

(Qty. in MT)

Availability (within India)	2022-23	2023-24	Supply (within India)	2022-23					2023-24				
				Raw Coal	Lignite	Imported Coal	Imported Lignite	Total	Raw Coal	Lignite	Imported Coal	Imported Lignite	Total
(1)	(2)	(3)	Sectors	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
(A) Production													
Coking Coal	60.759	66.821											
Non-Coking Coal	832.432	931.005	Steel	13.382	0.122	56.053		69.557	17.344	0.086	58.118		75.548
Lignite	44.029	42.921	Power (Utility+Captive)	785.396	38.948			824.344	859.336	35.695			895.031
Total	937.220	1040.747	Cement	9.309	0.836			10.145	9.163	0.131			9.294
(B) Change of Vendible Stock (Closing - Opening)			Textile	0.092	1.853			1.945	0.173	0.994			1.167
Coking Coal	1.345	2.816	Sponge Iron	8.093	0.000			8.093	11.965	0.000			11.965
Non-Coking Coal	14.170	21.514	Fertilizer & Chem.	0.857	0.984			1.841	0.800	0.001			0.801
Lignite	-1.833	0.327	Paper	1.255	0.894			2.149	1.027	1.039			2.066
Total Change (Closing - Opening)	13.682	24.657	Brick	0.109	0.609			0.718	0.100	0.438			0.538
(C) Import			Others	58.876	2.576	181.615		243.067	73.101	4.210	202.835		280.146
Coking Coal	56.053	58.118	Colliery Consmn.	0.180				0.180	0.159				0.159
Non-Coking Coal	181.615	202.835	Total Off-take	877.549	46.822	237.668	0.023	1162.062	973.168	42.594	260.953	0.327	1277.042
Lignite	0.023	0.052											
Total Coal	237.691	261.005	Statistical Difference					-2.332					-1.325
(D) Export													
Coal	1.166	1.376											
Lignite	0.333	0.002											
Total Export	1.499	1.378											
(E) Total Availability	1159.730	1275.717	Total Supply					1159.730					1275.717

05.

Pit-Head Closing Stock



Section V

5.1 Pit-head Closing Stock

5.1.1 The concept of pit-head closing stock has already been discussed in detail in Section-1. It is to be noted that the concept of pit-head closing stock of coal refers to raw coal. As of 31-03-2024, the Pit-head closing stock of coal was 108.746 MT and lignite 1.883 MT. Statement 5.1 shows details of pit-head closing stock of raw coal and lignite for 2022-23 and 2023-24. It can be seen that in 2023-24, closing stock of coal increased over 2022-23 by 28.82% whereas for lignite it increased by 21.00%.

Statement 5.1: Pit-head Closing Stock (MT) of Coal and Lignite in India at the end of 2022-23 and 2023-24.		
Types of Fossil Fuel	Year	
	2022-23	2023-24
Coal		
Coking Coal	5.810	8.626
Non-coking	78.606	100.120
Total Raw Coal	84.416	108.746
Lignite	1.556	1.883

5.1.2 Statement 5.2 provides the trend of closing stock of coal and lignite for the last ten years.

Statement 5.2: Pit-head Closing Stock (MT) of Coal and Lignite in India in the last Ten Years		
Year	Pit Head Closing Stock	
	Raw Coal	Lignite
2014-15	59.389	3.176
2015-16	65.361	4.809
2016-17	76.889	6.883
2017-18	62.036	7.210
2018-19	57.640	5.672
2019-20	81.432	5.495
2020-21	109.060	4.981
2021-22	68.901	3.389
2022-23	84.416	1.556
2023-24	108.746	1.883

It can be seen that in the case of coal, the pit-head closing stock has increased from 2014-15 to 2016-17. Subsequently, it was a decreasing trend in 2017-18 & 2018-19, further a sharp increase in 2019-20 & 2020-21 and now again in 2021-22 sharp decline, again a substantial increase in 2022-23 and 2023-24. In case of lignite, it had increasing trend since 2014-15 till 2017-18 and then after it has been falling till 2022-23 and now again in 2023-24 slightly increase.

5.1.3 Statement 5.3 shows pit-head closing stock of coal & lignite by companies for 2022-23 and 2023-24..

Statement 5.3: Company wise Pit-head Closing Stock (MT) of Coal and Lignite in India at the end of 2022-23 and 2023-24		
Company	Year	
	2022-23	2023-24
Coal		
ECL	2.147	5.962
BCCL	2.626	4.452
CCL	8.584	11.729
NCL	4.821	3.338
WCL	10.554	9.422
SECL*	23.676	30.455
MCL	16.846	23.649
NEC	0.046	0.079
CIL	69.300	89.086
SCCL	5.147	5.310
Other Public	7.524	10.918
Total Public	81.971	105.314
Total Private	2.445	3.432
Total	84.416	108.746
Lignite		
NLCIL	1.066	1.727
GMDCL	0.000	0.000
GIPCL	0.000	0.000
GHCL	0.059	0.016
RSMML	0.000	0.000
VSLPL	0.063	0.110
BLMCL	0.367	0.007
GPCL	0.001	0.023
Total	1.556	1.883

*Including Stocks from (GP-IV/2&3) coal blocks.

Chart V.I : State Wise Pit Head Closing Stock of Raw Coal during last Three Years

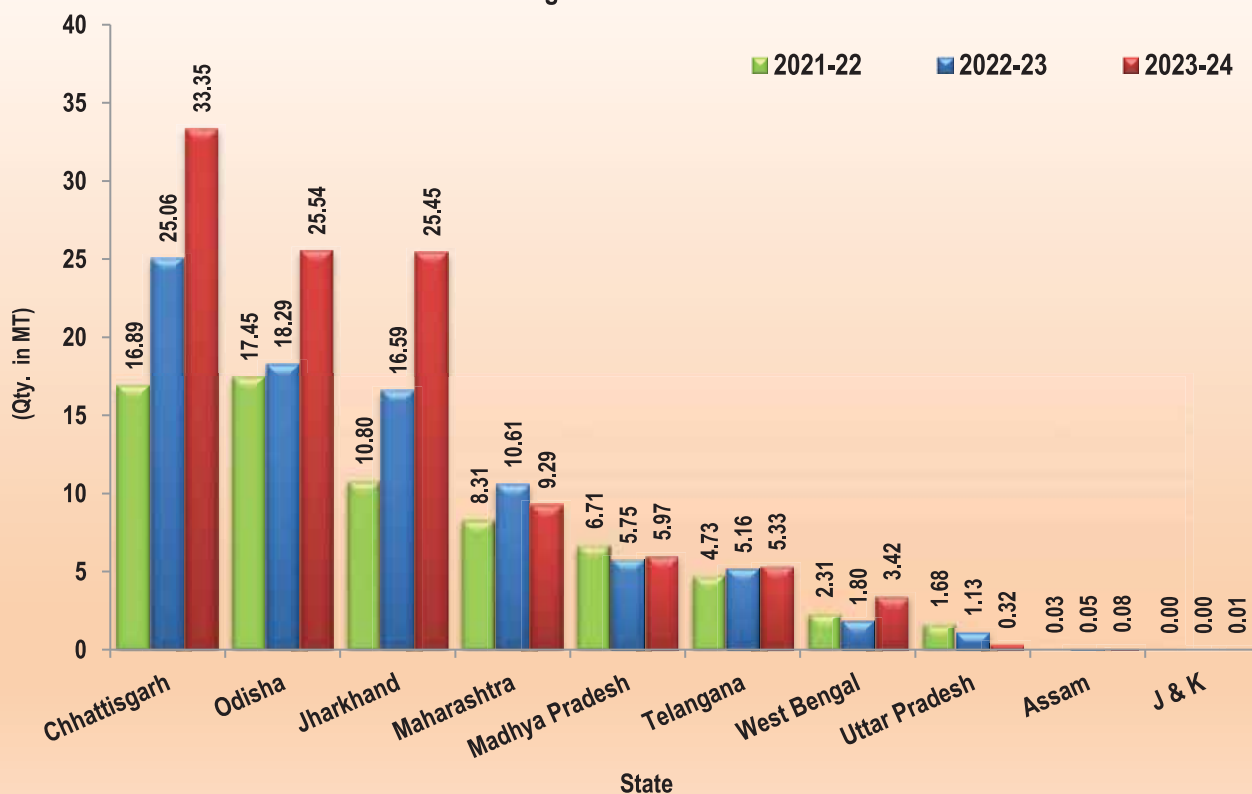
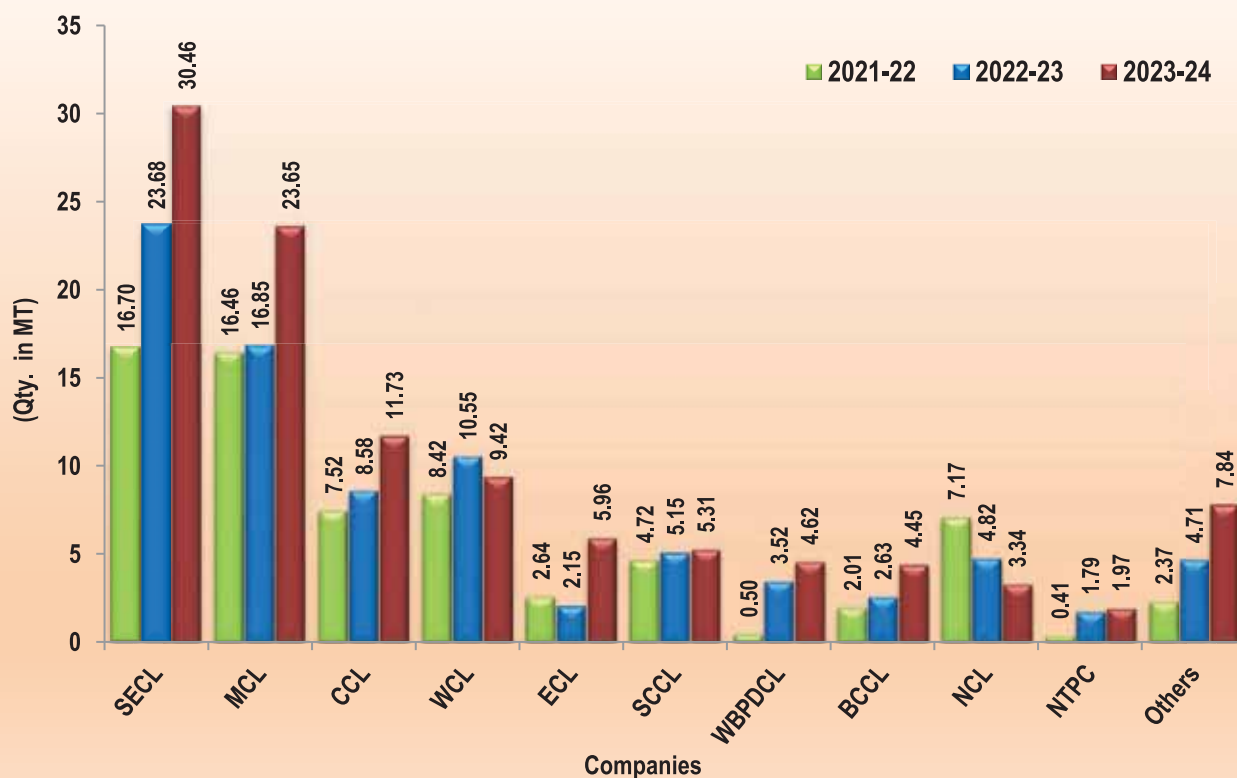


Chart V.II : Company Wise Pit Head Closing Stock of Raw Coal during last Three Years



Note: SECL (Including GP-IV/2 & 3)

Table 5.1 : Pit-Head Closing Stock of Raw Coal and Lignite in India during last Ten Years

(Qty. in MT)

Year	Raw Coal			Lignite			Total Solid Fossil Fuel	
	Quantity	Share in Total Solid Fossil Fuel (%)	Change Over Previous Year (%)	Quantity	Share in Total Solid Fossil Fuel (%)	Change Over Previous Year (%)	Quantity	Change Over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2014-15	59.389	94.92	▲ 7.0%	3.176	5.08	▲ 70.8%	62.565	▲ 9.0%
2015-16	65.361	93.15	▲ 10.1%	4.809	6.85	▲ 51.4%	70.170	▲ 12.2%
2016-17	76.889	91.78	▲ 17.6%	6.883	8.22	▲ 43.1%	83.772	▲ 19.4%
2017-18	62.036	89.59	▼ 19.3%	7.210	10.41	▲ 4.8%	69.246	▼ 17.3%
2018-19	57.640	91.04	▼ 7.1%	5.672	8.96	▼ 21.3%	63.312	▼ 8.6%
2019-20	81.432	93.68	▲ 41.3%	5.495	6.32	▼ 3.1%	86.927	▲ 37.3%
2020-21	109.060	95.63	▲ 33.9%	4.981	4.37	▼ 9.4%	114.041	▲ 31.2%
2021-22	68.901	95.31	▼ 36.8%	3.389	4.69	▼ 32.0%	72.290	▼ 36.6%
2022-23	84.416	98.19	▲ 22.5%	1.556	1.81	▼ 54.1%	85.972	▲ 18.9%
2023-24	108.746	98.30	▲ 28.8%	1.883	1.70	▲ 21.0%	110.629	▲ 28.7%

Trend of Pit-Head Closing Stock of Raw Coal in last Ten Years



Trend of Pit-Head Closing Stock of Lignite in last Ten Years



Table 5.2 : Pit-Head Closing Stock of different types of Raw Coal in India during last Ten Years

(Qty. in MT)

Year	Coking Coal									Non-Coking Coal			Total Raw Coal	
	Metallurgical Coal			Non Metallurgical Coal			Total Coking Coal			Quantity	Share in Total Coal (%)	Change Over Previous Year (%)	Quantity	Change Over Previous Year (%)
	Quantity	Share in Total Coking (%)	Change Over Previous Year (%)	Quantity	Share in Total Coking (%)	Change Over Previous Year (%)	Quantity	Share in Total Coal (%)	Change Over Previous Year (%)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2014-15	1,174	16.86	▲ 3.1%	5,790	83.14	▲ 9.8%	6,964	11.73	▲ 8.6%	52,425	88.27	▲ 6.8%	59,389	▲ 7.0%
2015-16	1,562	17.90	▲ 33.0%	7,162	82.10	▲ 23.7%	8,724	13.35	▲ 25.3%	56,637	86.65	▲ 8.0%	65,361	▲ 10.1%
2016-17	1,563	14.00	▲ 0.1%	9,602	86.00	▲ 34.1%	11,165	14.52	▲ 28.0%	65,724	85.48	▲ 16.0%	76,889	▲ 17.6%
2017-18	2,012	33.25	▲ 28.7%	4,040	66.75	▼ 57.9%	6,052	9.76	▼ 45.8%	55,984	90.24	▼ 14.8%	62,036	▼ 19.3%
2018-19	3,482	84.21	▲ 73.1%	0,653	15.79	▼ 83.8%	4,135	7.17	▼ 31.7%	53,505	92.83	▼ 4.4%	57,640	▼ 7.1%
2019-20	3,246	50.55	▼ 6.8%	3,176	49.45	▲ 386.4%	6,422	7.89	▲ 55.3%	75,010	92.11	▲ 40.2%	81,432	▲ 41.3%
2020-21	5,951	82.32	▲ 83.3%	1,278	17.68	▼ 59.8%	7,229	6.63	▲ 12.6%	101,831	93.37	▲ 35.8%	109,060	▲ 33.9%
2021-22	3,643	81.59	▼ 38.8%	0,822	18.41	▼ 35.7%	4,465	6.48	▼ 38.2%	64,436	93.52	▼ 36.7%	68,901	▼ 36.8%
2022-23	3,703	63.73	▲ 1.6%	2,107	36.27	▲ 156.3%	5,810	6.88	▲ 30.1%	78,606	93.12	▲ 22.0%	84,416	▲ 22.5%
2023-24	7,055	81.79	▲ 90.5%	1,571	18.21	▼ 25.4%	8,626	7.93	▲ 48.5%	100,120	92.07	▲ 27.4%	108,746	▲ 28.8%

Pit-Head Closing Stock of Coking Coal in India during last Ten Years



Pit-Head Closing Stock of Non-Coking Coal in India during last Ten Years

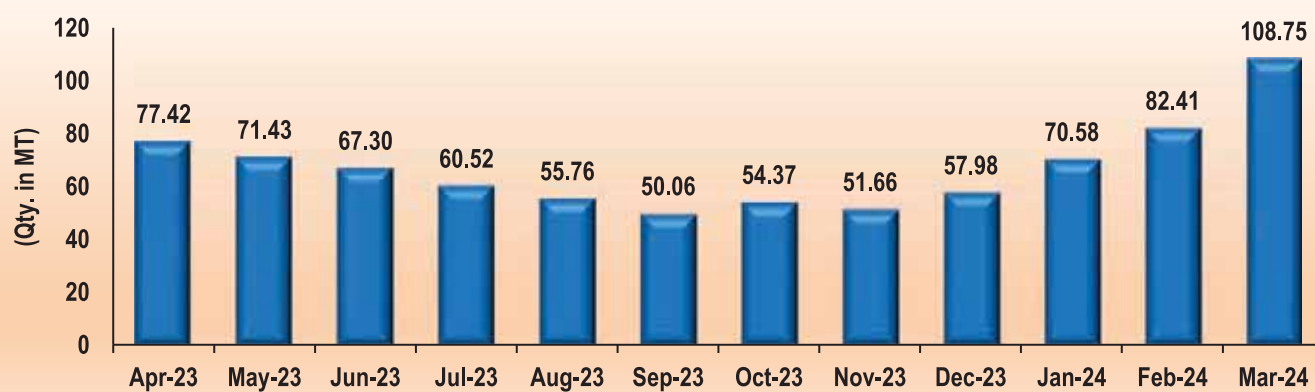


Table 5.3 : Month Wise Pit-Head Closing Stock of Raw Coal, Lignite & various Coal Products in 2023-24

(Qty. in MT)

Month	Raw Coal	Lignite	Washed Coal (Coking)	Washed Coal (Non-coking)	Middlings (Coking)	Middlings (Non-coking)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Apr-23	77.415	0.987	0.124	0.172	0.485	0.101
May-23	71.434	0.894	0.115	0.118	0.471	0.131
Jun-23	67.302	0.794	0.134	0.113	0.472	0.155
1st Quarter	67.302	0.794	0.134	0.113	0.472	0.155
Jul-23	60.523	0.931	0.106	0.088	0.481	0.145
Aug-23	55.757	0.812	0.112	0.071	0.451	0.079
Sep-23	50.060	0.975	0.085	0.079	0.480	0.040
2nd Quarter	50.060	0.975	0.085	0.079	0.480	0.040
Oct-23	54.365	1.240	0.096	0.073	0.476	0.031
Nov-23	51.660	1.218	0.086	0.063	0.500	0.066
Dec-23	57.979	1.429	0.092	0.114	0.527	0.100
3rd Quarter	57.979	1.429	0.092	0.114	0.527	0.100
Jan-24	70.580	1.514	0.100	0.274	0.498	0.129
Feb-24	82.410	1.601	0.132	0.190	0.500	0.094
Mar-24	108.746	1.883	0.170	0.134	0.574	0.037
4th Quarter	108.746	1.883	0.170	0.134	0.574	0.037
Total	108.746	1.883	0.170	0.134	0.574	0.037

Month Wise Pit-Head Closing Stock of Raw Coal in 2023-24



Month Wise Pit-Head Closing Stock of Lignite in 2023-24

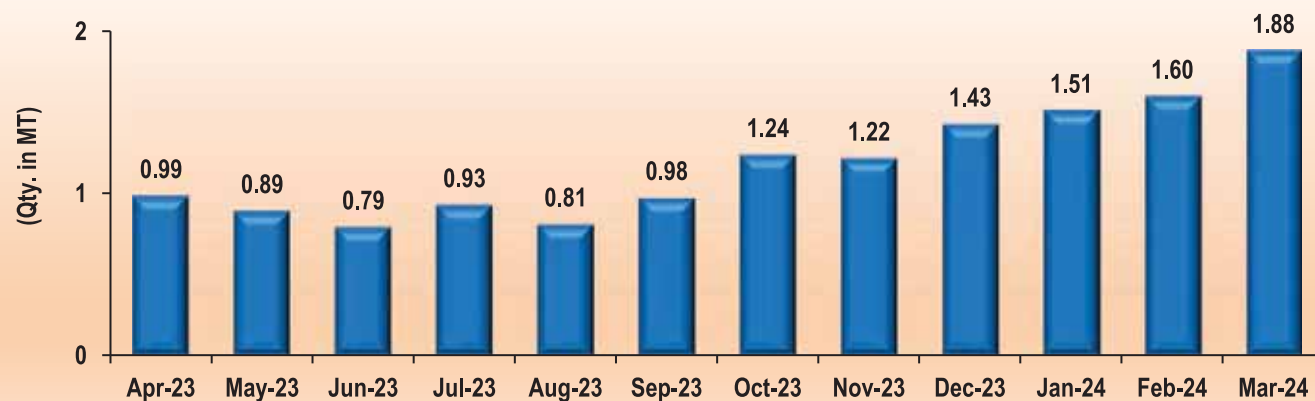
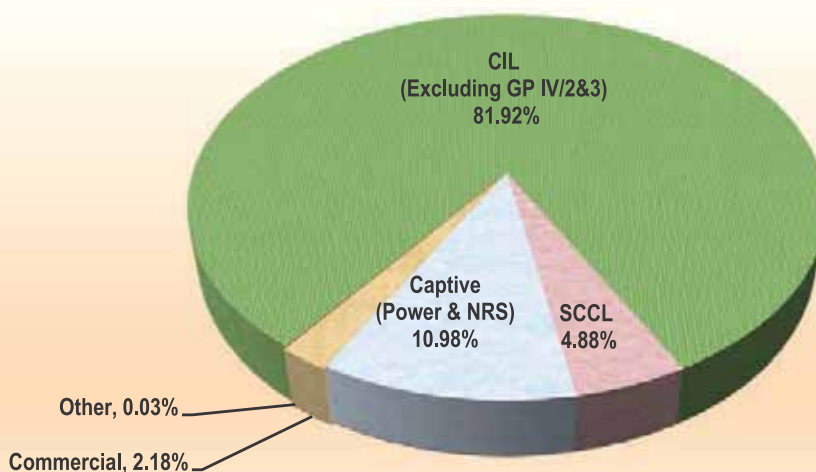


Table 5.4 : Month Wise Pit-head Closing Stock of Raw Coal CIL, SCCL, Captive, Commercial & Others during 2023-24

(Qty. in MT)

Month	CIL (Excluding GP IV/2&3)		SCCL		Captive (Power & NRS)		Commercial		Other		All India	
	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Share (%) All India (Month)	Quantity	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
April	64.584	83.43%	4.718	6.09%	7.073	9.14%	1.031	1.33%	0.009	0.01%	77.415	▼ 18.92%
May	60.853	85.19%	4.321	6.05%	5.495	7.69%	0.750	1.05%	0.015	0.02%	71.434	▼ 12.82%
June	57.825	85.92%	4.232	6.29%	4.832	7.18%	0.396	0.59%	0.017	0.03%	67.302	▼ 04.27%
July	52.003	85.92%	3.944	6.52%	4.245	7.01%	0.316	0.52%	0.015	0.02%	60.523	▼ 02.66%
August	47.851	85.82%	3.546	6.36%	3.965	7.11%	0.379	0.68%	0.016	0.03%	55.757	▼ 23.20%
September	41.470	82.84%	3.483	6.96%	4.354	8.70%	0.733	1.46%	0.020	0.04%	50.060	▲ 04.84%
October	45.852	84.34%	3.503	6.44%	4.275	7.86%	0.718	1.32%	0.017	0.03%	54.365	▲ 30.10%
November	43.752	84.69%	3.644	7.05%	3.626	7.02%	0.624	1.21%	0.014	0.03%	51.660	▲ 34.15%
December	49.063	84.62%	3.791	6.54%	4.491	7.75%	0.606	1.05%	0.028	0.05%	57.979	▲ 51.21%
January	59.853	84.80%	4.226	5.99%	5.858	8.30%	0.616	0.87%	0.027	0.04%	70.580	▲ 66.56%
February	69.276	84.06%	4.733	5.74%	7.778	9.44%	0.585	0.71%	0.038	0.05%	82.410	▲ 64.32%
March	89.086	81.92%	5.310	4.88%	11.945	10.98%	2.367	2.18%	0.038	0.03%	108.746	▲ 57.83%
Total	89.086	81.92%	5.310	4.88%	11.945	10.98%	2.367	2.18%	0.038	0.03%	108.746	▲ 57.83%

Share of Pit-head Closing Stock of Raw Coal CIL, SCCL, Captive, Commercial & Others during 2023-24



Month Wise Pit Head Closing Stock of Raw Coal in India during 2023-24

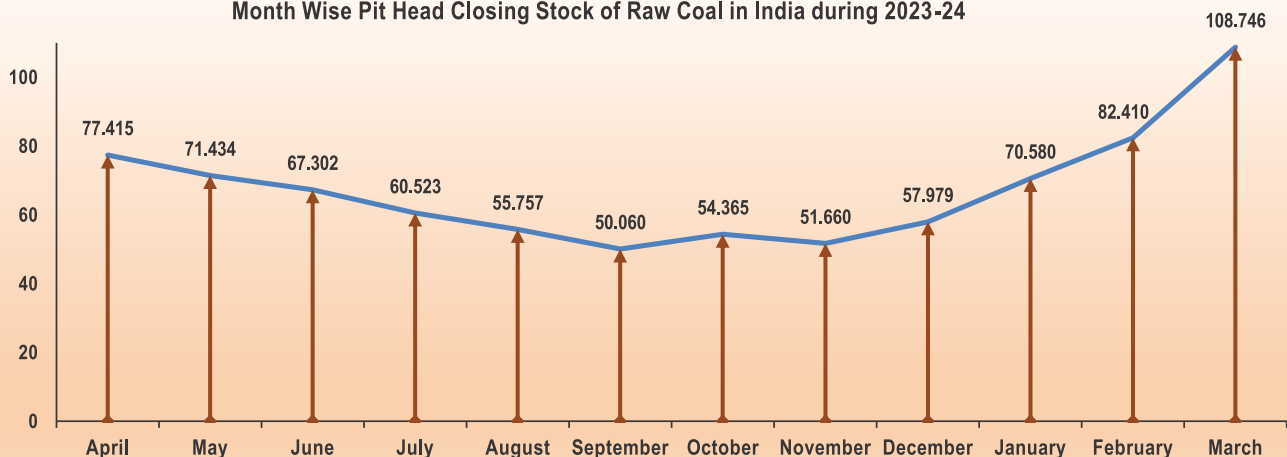


Table 5.5 : State Wise Pit-Head Closing Stock of Raw Coal during last Ten Years

(Qty. in MT)

Year	Assam			Chhattisgarh			Jammu & Kashmir		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2014-15	0.215	0.36%	▲ 27.22%	11.576	19.49%	▲ 61.09%	0.013	0.02%	▲ 00.00%
2015-16	0.359	0.55%	▲ 66.98%	9.444	14.45%	▼ 18.42%	0.013	0.02%	▲ 00.00%
2016-17	0.183	0.24%	▼ 49.03%	12.147	15.80%	▲ 28.62%	0.012	0.02%	▼ 07.69%
2017-18	0.069	0.11%	▼ 62.30%	7.359	11.86%	▼ 39.42%	0.005	0.01%	▼ 58.33%
2018-19	0.100	0.17%	▲ 44.93%	8.424	14.61%	▲ 14.47%	0.003	0.01%	▼ 40.00%
2019-20	0.054	0.07%	▼ 46.00%	18.264	22.43%	▲ 116.81%	0.007	0.01%	▲ 133.33%
2020-21	0.000	0.00%	▼ 100.00%	29.723	27.25%	▲ 62.74%	0.009	0.01%	▲ 28.57%
2021-22	0.028	0.04%	▲ 100.00%	16.890	24.51%	▼ 43.17%	0.001	0.00%	▼ 91.69%
2022-23	0.046	0.05%	▲ 66.41%	25.056	29.68%	▲ 48.34%	0.000	0.00%	▼ 100.00%
2023-24	0.079	0.07%	▲ 71.74%	33.354	30.67%	▲ 33.12%	0.005	0.00%	▲ 00.00%
Year	Jharkhand			Madhya Pradesh			Maharashtra		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2014-15	15.544	26.17%	▲ 11.13%	4.111	6.92%	▼ 28.58%	5.370	9.04%	▼ 05.29%
2015-16	18.355	28.08%	▲ 18.08%	6.854	10.49%	▲ 66.72%	7.170	10.97%	▲ 33.52%
2016-17	24.002	31.22%	▲ 30.77%	8.609	11.20%	▲ 25.61%	12.771	16.61%	▲ 78.12%
2017-18	20.645	33.28%	▼ 13.99%	2.846	4.59%	▼ 66.94%	10.917	17.60%	▼ 14.52%
2018-19	19.286	33.46%	▼ 06.58%	4.187	7.26%	▲ 47.12%	8.939	15.51%	▼ 18.12%
2019-20	17.959	22.05%	▼ 06.88%	4.078	5.01%	▼ 02.60%	13.673	16.79%	▲ 52.96%
2020-21	19.320	17.72%	▲ 07.58%	6.796	6.23%	▲ 66.65%	14.533	13.33%	▲ 06.29%
2021-22	10.799	15.67%	▼ 44.10%	6.708	9.74%	▼ 01.30%	8.312	12.06%	▼ 42.81%
2022-23	16.590	19.65%	▲ 53.62%	5.746	6.81%	▼ 14.34%	10.608	12.57%	▲ 27.63%
2023-24	25.450	23.40%	▲ 53.41%	5.965	5.49%	▲ 03.81%	9.291	8.54%	▼ 12.42%
Year	Odisha			Telangana			Uttar Pradesh		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2014-15	12.538	21.11%	▼ 12.28%	5.348	9.01%	▼ 03.60%	2.484	4.18%	▲ 94.98%
2015-16	10.330	15.80%	▼ 17.61%	7.025	10.75%	▲ 31.36%	3.570	5.46%	▲ 43.72%
2016-17	6.393	8.31%	▼ 38.11%	7.481	9.73%	▲ 06.49%	2.684	3.49%	▼ 24.82%
2017-18	11.178	18.02%	▲ 74.85%	4.921	7.93%	▼ 34.22%	2.389	3.85%	▼ 10.99%
2018-19	12.906	22.39%	▲ 15.46%	1.611	2.79%	▼ 67.26%	0.759	1.32%	▼ 68.23%
2019-20	20.999	25.79%	▲ 62.71%	3.192	3.92%	▲ 98.14%	1.388	1.70%	▲ 82.87%
2020-21	24.922	22.85%	▲ 18.68%	5.247	4.81%	▲ 64.38%	5.163	4.73%	▲ 271.97%
2021-22	17.445	25.32%	▼ 30.00%	4.726	6.86%	▼ 09.92%	1.678	2.44%	▼ 67.50%
2022-23	18.286	21.66%	▲ 04.82%	5.155	6.11%	▲ 09.07%	1.126	1.33%	▼ 32.90%
2023-24	25.536	23.48%	▲ 39.65%	5.325	4.90%	▲ 03.30%	0.319	0.29%	▼ 71.67%

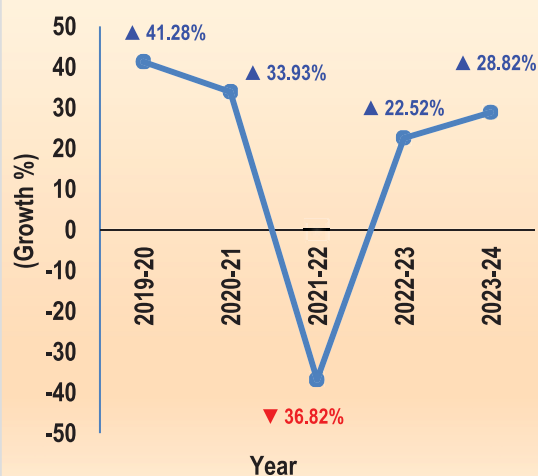
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Table 5.5 : State Wise Pit-Head Closing Stock of Raw Coal during last Ten Years

(Qty. in MT)

Year	West Bengal			All India	
	Quantity	Share(%)	Growth(%)	Quantity	Growth(%)
(31)	(32)	(33)	(34)	(35)	(36)
2014-15	2.190	3.69%	▲ 35.35%	59.389	▲ 06.98%
2015-16	2.241	3.43%	▲ 02.33%	65.361	▲ 10.06%
2016-17	2.607	3.39%	▲ 16.33%	76.889	▲ 17.64%
2017-18	1.707	2.75%	▼ 34.52%	62.036	▼ 19.32%
2018-19	1.425	2.47%	▼ 16.52%	57.640	▼ 07.09%
2019-20	1.818	2.23%	▲ 27.58%	81.432	▲ 41.28%
2020-21	3.347	3.07%	▲ 84.10%	109.060	▲ 33.93%
2021-22	2.314	3.36%	▼ 30.85%	68.901	▼ 36.82%
2022-23	1.803	2.14%	▼ 22.10%	84.416	▲ 22.52%
2023-24	3.422	3.15%	▲ 89.79%	108.746	▲ 28.82%

Growth of Pit-Head Closing Stock of Raw Coal in India during last five years



State Wise Share of Pit-Head Closing Stock of Raw Coal during 2023-24

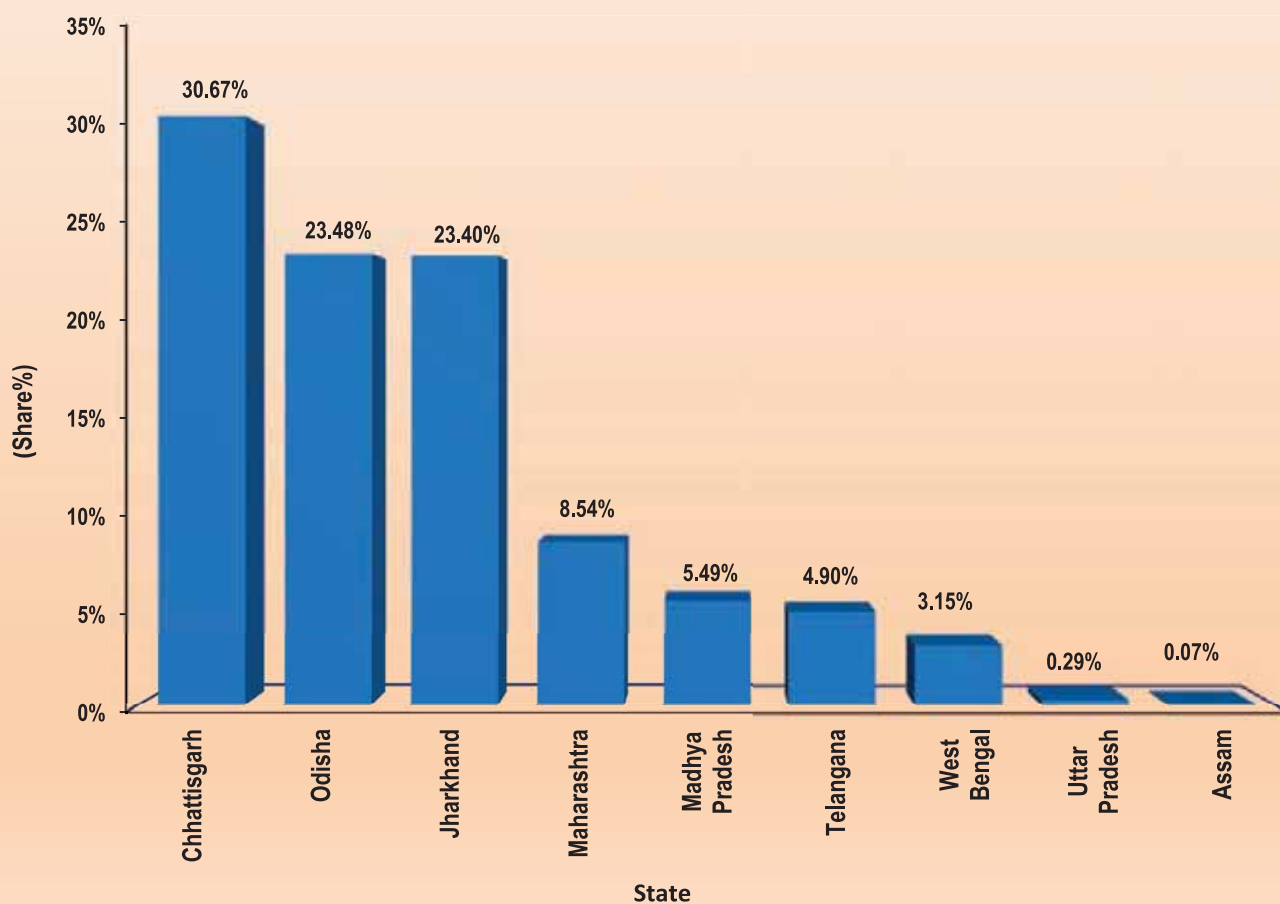


Table 5.6 : State Wise Pit-Head Closing Stock of Lignite during last Ten Years

(Qty. in MT)

Year	Tamilnadu			Gujarat			Rajasthan		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2014-15	2.842	73.29	▲ 63.4%	0.023	0.59	▼ 66.7%	1.013	26.12	▲ 1848.1%
2015-16	4.573	95.09	▲ 60.9%	0.011	0.23	▼ 52.2%	0.225	4.68	▼ 77.8%
2016-17	6.612	96.06	▲ 44.6%	0.012	0.17	▲ 9.1%	0.259	3.76	▲ 15.1%
2017-18	6.784	94.09	▲ 2.6%	0.014	0.19	▲ 16.7%	0.412	5.71	▲ 59.1%
2018-19	5.319	93.78	▼ 21.6%	0.025	0.44	▲ 78.6%	0.328	5.78	▼ 20.4%
2019-20	5.059	92.07	▼ 4.9%	0.028	0.51	▲ 12.0%	0.408	7.42	▲ 24.4%
2020-21	4.571	91.77	▼ 9.6%	0.103	2.07	▲ 267.9%	0.307	6.16	▼ 24.8%
2021-22	2.752	81.20	▼ 39.8%	0.049	1.45	▼ 52.3%	0.588	17.35	▲ 91.5%
2022-23	1.066	68.51	▼ 61.3%	0.060	3.86	▲ 22.2%	0.430	27.63	▼ 26.9%
2023-24	1.725	91.61	▲ 61.8%	0.039	2.07	▼ 35.0%	0.119	6.32	▼ 72.3%

Year	All India	
	Quantity	Growth %
(11)	(12)	(13)
2014-15	3.878	▲ 108.5%
2015-16	4.809	▲ 24.0%
2016-17	6.883	▲ 43.1%
2017-18	7.210	▲ 4.8%
2018-19	5.672	▼ 21.3%
2019-20	5.495	▼ 3.1%
2020-21	4.981	▼ 9.4%
2021-22	3.389	▼ 32.0%
2022-23	1.556	▼ 54.1%
2023-24	1.883	▲ 21.0%

Share of State Wise Pit-Head Closing Stock of Lignite in India during 2023-24

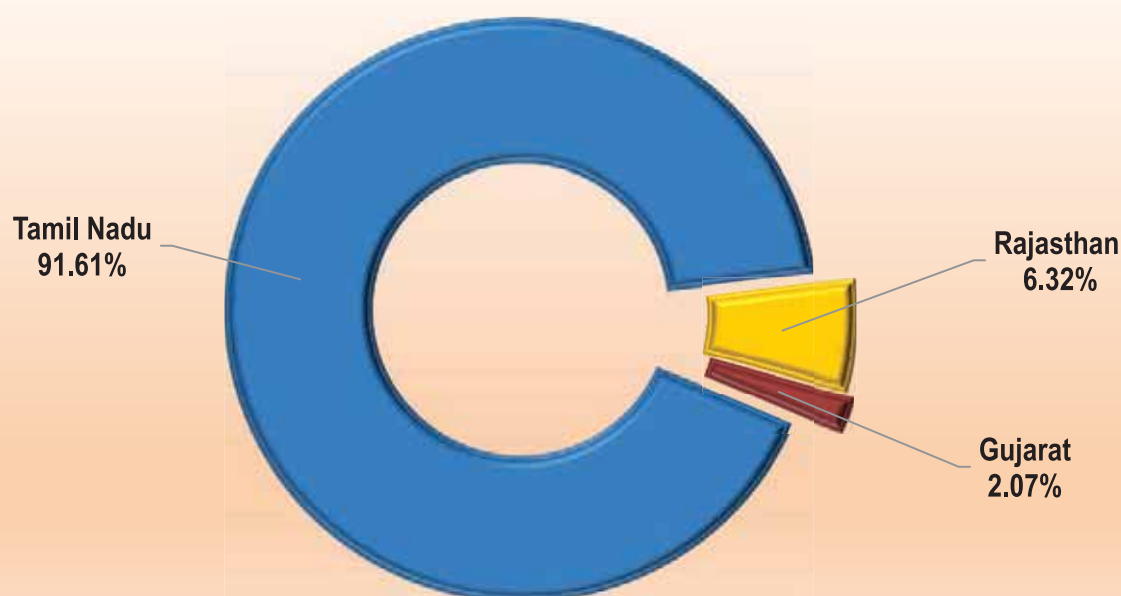


Table 5.7 : Company Wise Pit-Head Closing Stock of Raw Coal in India during last Three Years

(Qty. in MT)

Company	2021-22		2022-23		2023-24	
	Quantity	% of All India	Quantity	% of All India	Quantity	% of All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)
ECL	2.635	3.82%	2.147	2.54%	5.962	5.48%
BCCL	2.009	2.92%	2.626	3.11%	4.452	4.09%
CCL	7.521	10.92%	8.584	10.17%	11.729	10.79%
NCL	7.165	10.40%	4.821	5.71%	3.338	3.07%
WCL	8.419	12.22%	10.554	12.50%	9.422	8.66%
SECL	16.381	23.77%	23.633	28.00%	30.455	28.01%
SECL(GP-IV/2&3)	0.318	0.46%	0.043	0.05%	0.000	0.00%
MCL	16.456	23.88%	16.846	19.96%	23.649	21.75%
NEC	0.028	0.04%	0.046	0.05%	0.079	0.07%
CIL	60.932	88.43%	69.300	82.09%	89.086	81.92%
SCCL	4.718	6.85%	5.147	6.10%	5.310	4.88%
JKML	0.001	0.00%		0.00%	0.005	0.00%
JSMDCL	0.010	0.02%	0.004	0.00%	0.002	0.00%
DVC		0.00%	0.033	0.04%	0.240	0.22%
IISCO	0.002	0.00%	0.002	0.00%	0.004	0.00%
SAIL		0.00%		0.00%	0.000	0.00%
RRVUNL		0.00%		0.00%	0.000	0.00%
NTPC	0.409	0.59%	1.792	2.12%	1.965	1.81%
WBPDCCL	0.498	0.72%	3.516	4.17%	4.624	4.25%
CSPGCL	0.074	0.11%	0.608	0.72%	0.848	0.78%
TSPGCL	0.008	0.01%	0.008	0.01%	0.015	0.01%
OCPL	0.375	0.54%	0.156	0.18%	0.311	0.29%
DPL	0.019	0.03%	0.050	0.06%	0.344	0.32%
NLCIL	0.301	0.44%	0.429	0.51%	1.308	1.20%
KPCL	0.049	0.07%	0.010	0.01%	0.018	0.02%
APMDCL	0.023	0.03%	0.549	0.65%	0.512	0.47%
PSPCL			0.056	0.07%	0.426	0.39%
THDC			0.311	0.37%	0.296	0.27%
NALCO					0.000	0.00%
Total Public	67.419	97.85%	81.971	97.10%	105.314	96.84%

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Table 5.7 : Company Wise Pit-Head Closing Stock of Raw Coal in India during last Three Years

(Qty. in MT)

Company	2021-22		2022-23		2023-24	
	Quantity	% of All India	Quantity	% of All India	Quantity	% of All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)
TSL	0.009	0.01%	0.007	0.01%	0.027	0.02%
HIL	0.070	0.10%	0.009	0.01%	0.048	0.04%
SIL	0.033	0.05%	0.015	0.02%	0.003	0.00%
SPL	0.530	0.77%	0.448	0.53%	0.647	0.59%
BALCO		0.00%	0.183	0.22%	0.022	0.02%
CESC	0.295	0.43%	0.147	0.17%	0.013	0.01%
JPVL	0.000	0.00%	0.221	0.26%	0.200	0.18%
RCCPL	0.001	0.00%	0.001	0.00%	0.001	0.00%
TUML	0.044	0.06%	0.022	0.03%	0.000	0.00%
AMBUJA	0.010	0.01%	0.103	0.12%	0.154	0.14%
BSIL	0.020	0.03%	0.057	0.07%	0.100	0.09%
UTCL	0.003	0.00%	0.007	0.01%	0.172	0.16%
JPL	0.077	0.11%	0.466	0.55%	1.499	1.38%
SEML	0.390	0.57%	0.099	0.12%	0.023	0.02%
Vedanta			0.656	0.78%	0.190	0.17%
BSMPL			0.004	0.00%	0.017	0.02%
JSPL					0.295	0.27%
AIPL					0.021	0.02%
Total Private	1.482	2.15%	2.445	2.90%	3.432	3.16%
All India	68.901	100.00%	84.416	100.00%	108.746	100.00%

Share of Pit-Head Closing Stock of Coal in Public & Private Sector during last Three Years

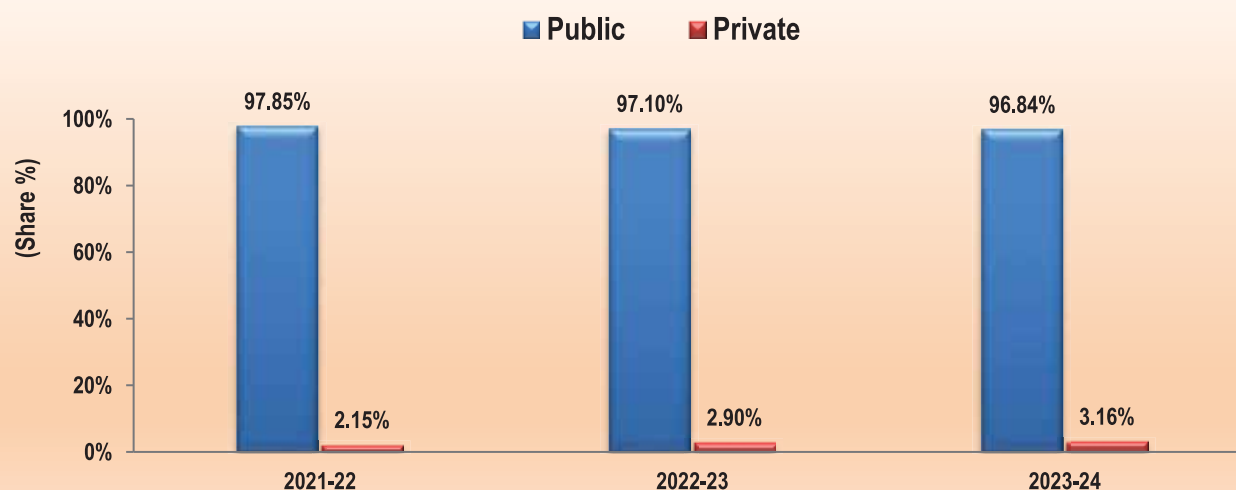


Table 5.8 : State Wise & Company Wise Pit-Head Closing Stock of Raw Coal by type in last Three Years

(Qty. in MT)

State	Company	2021-22			2022-23			2023-24		
		Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Assam	NEC		0.028	0.028		0.046	0.046		0.079	0.079
	Total	0.000	0.028	0.028	0.000	0.046	0.046	0.000	0.079	0.079
Chhattisgarh	SECL	0.001	15.969	15.970	0.004	23.169	23.173	0.001	29.626	29.627
	SECL(GP-IV/2&3)		0.318	0.318		0.043	0.043			0.000
	RRVUNL			0.000			0.000			0.000
	NTPC_TP		0.027	0.027		0.378	0.378		0.904	0.904
	CSPGCL		0.074	0.074		0.608	0.608		0.848	0.848
	HIL(GP-IV/4&5)		0.024	0.024		0.003	0.003		0.047	0.047
	BALCO			0.000		0.183	0.183		0.022	0.022
	AMBUJA		0.010	0.010		0.103	0.103		0.154	0.154
	SEML		0.390	0.390		0.099	0.099		0.023	0.023
	JPL(GP-IV/1)		0.077	0.077		0.466	0.466		0.787	0.787
	JPL(GP-IV/2 & 3)								0.712	0.712
	JPL(GP-IV/6)								0.230	0.230
Total	0.001	16.889	16.890	0.004	25.052	25.056	0.001	33.353	33.354	
Jammu & Kashmir	JKML		0.001	0.001			0.000		0.005	0.005
	Total	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.005	0.005
Jharkhand	ECL	0.004	1.040	1.044		0.807	0.807		3.170	3.170
	BCCL	1.953	0.008	1.961	2.484	0.093	2.577	4.131	0.273	4.404
	CCL	2.494	5.027	7.521	3.310	5.274	8.584	4.465	7.264	11.729
	JSMDCL		0.010	0.010		0.004	0.004		0.002	0.002
	DVC			0.000	0.000	0.033	0.033		0.240	0.240
	IISCO			0.000			0.000			0.000
	SAIL			0.000			0.000			0.000
	NTPC_PB		0.068	0.068		0.777	0.777		0.248	0.248
	NTPC_CB			0.000		0.438	0.438		0.608	0.608
	NTPC_KD								0.192	0.192
	WBPDC		0.139	0.139		3.301	3.301		4.403	4.403
	PSPCL			0.000		0.056	0.056		0.426	0.426
	TSL	0.009		0.009	0.007		0.007	0.027		0.027
	HIL_KAT		0.046	0.046		0.006	0.006		0.001	0.001
Total	4.460	6.339	10.799	5.801	10.789	16.590	8.623	16.827	25.450	
Madhya Pradesh	NCL		5.487	5.487		3.695	3.695		3.019	3.019
	WCL	0.002	0.251	0.253	0.003	0.047	0.050		0.273	0.273
	SECL		0.411	0.411		0.460	0.460		0.828	0.828
	APMDCL		0.023	0.023		0.549	0.549		0.512	0.512
	THDC			0.000		0.311	0.311		0.296	0.296
	SPL		0.530	0.530		0.448	0.448		0.647	0.647
	JPVL		0.000	0.000		0.221	0.221		0.200	0.200
	RCCPL		0.001	0.001		0.001	0.001		0.001	0.001
	UTCL		0.003	0.003		0.007	0.007		0.172	0.172
	BSMPL			0.000		0.004	0.004		0.017	0.017
	Total	0.002	6.706	6.708	0.003	5.743	5.746	0.000	5.965	5.965

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Table 5.8 : State Wise & Company Wise Pit-Head Closing Stock of Raw Coal by type in last Three Years

(Qty. in MT)

State	Company	2021-22			2022-23			2023-24		
		Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Maharashtra	WCL		8.166	8.166		10.504	10.504		9.149	9.149
	KPCL		0.049	0.049		0.010	0.010		0.018	0.018
	TUML		0.044	0.044		0.022	0.022		0.000	0.000
	BSIL		0.020	0.020		0.057	0.057		0.100	0.100
	SIL		0.033	0.033		0.015	0.015		0.003	0.003
	AIPL								0.021	0.021
	Total		0.000	8.312	8.312	0.000	10.608	10.608	0.000	9.291
Odisha	MCL		16.456	16.456		16.846	16.846		23.649	23.649
	NTPC_DG		0.313	0.313		0.199	0.199		0.013	0.013
	NLCIL		0.301	0.301		0.429	0.429		1.308	1.308
	OCPL		0.375	0.375		0.156	0.156		0.311	0.311
	Vedanta			0.000		0.656	0.656		0.190	0.190
	JSPL_UC								0.065	0.065
	NALCO									0.000
Total		0.000	17.445	17.445	0.000	18.286	18.286	0.000	25.536	25.536
Telangana	SCCL		4.718	4.718		5.147	5.147		5.310	5.310
	TSPGCL		0.008	0.008		0.008	0.008		0.015	0.015
	Total		0.000	4.726	4.726	0.000	5.155	5.155	0.000	5.325
Uttar Pradesh	NCL		1.678	1.678		1.126	1.126		0.319	0.319
	Total		0.000	1.678	1.678	0.000	1.126	1.126	0.000	0.319
West Bengal	ECL	0.002	1.589	1.591	0.002	1.338	1.340	0.002	2.790	2.792
	BCCL		0.049	0.049		0.049	0.049		0.048	0.048
	IISCO		0.002	0.002		0.002	0.002		0.004	0.004
	WBPDCCL		0.359	0.359		0.215	0.215		0.221	0.221
	DPL		0.019	0.019		0.050	0.050		0.344	0.344
	CESC		0.295	0.295		0.147	0.147		0.013	0.013
Total		0.002	2.313	2.315	0.002	1.801	1.803	0.002	3.420	3.422
Total Public		4.456	62.963	67.419	5.803	76.168	81.971	8.599	96.715	105.314
Total Private		0.009	1.473	1.482	0.007	2.438	2.445	0.027	3.405	3.432
All India		4.465	64.436	68.901	5.810	78.606	84.416	8.626	100.120	108.746

Share of Public & Private of Coking & Non Coking Pit-Head Closing Stock of Raw Coal in last Three Years

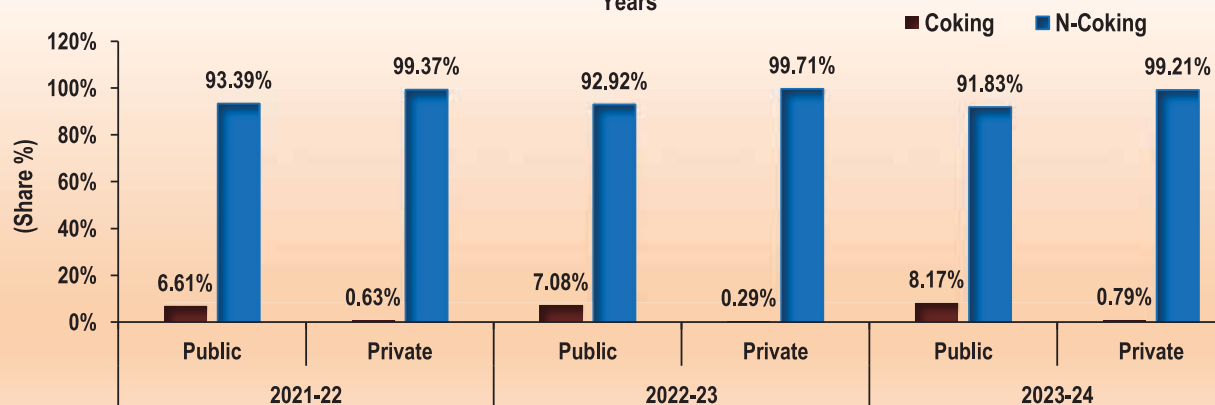


Table 5.9 : Pit-head Closing Stock of Raw Coal of Coal Blocks Vested/Allocated as per CMN & CM(SP) Act during last Three Years

(Qty. in MT)

Block	Company	State	Act	End Use	2021-22			2022-23			2023-24		
					Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Parsa East & Kanta Basan	RRVUNL	Chhattisgarh	CM(SP)	Power			0.000			0.000			0.000
Tallipalli	NTPC				0.027	0.027	0.378	0.378	0.904	0.904			
Gare Palma Sector-III	CSPGCL				0.074	0.074	0.608	0.608	0.848	0.848			
Pakri Barwadih	NTPC	Jharkhand	CMN	Power	0.068	0.068		0.777	0.777		0.248	0.248	
Tubeid	DVC		CM(SP)			0.000	0.000	0.033	0.033	0.240	0.240		
Chatti Bariatu	NTPC				0.000	0.000	0.438	0.438	0.608	0.608			
kKarandari	NTPC								0.192	0.192			
Pachhwara Central	PSPCL				0.000	0.000	0.056	0.056	0.426	0.426			
Pachhwara North	WBPDCCL				0.139	0.139	3.301	3.301	4.403	4.403			
Amelia	THDC				Madhya Pradesh		0.000	0.000	0.311	0.311	0.296	0.296	
Baranj I-IV, Kiloni & Manohardih	KPCL				Maharashtra		0.049	0.049	0.010	0.010	0.018	0.018	
Dulanga	NTPC				Odisha	CM(SP)	0.313	0.313	0.199	0.199	0.013	0.013	
Manoharpur	OCPL	0.375	0.375	0.156			0.156	0.311	0.311				
Talabira II & III	NLCIL	0.301	0.301	0.429			0.429	1.308	1.308				
Tadicherla	TSPGCL	Telangana		0.008	0.008	0.008	0.008	0.015	0.015				
Barjora	WBPDCCL	West Bengal	CM(SP)	0.170	0.170		0.000		0.000				
Barjora North	WBPDCCL			0.045	0.045	0.215	0.215	0.082	0.082				
Gangaramchak Bhadulia	WBPDCCL			0.144	0.144		0.000	0.135	0.135				
Tara East & West	WBPDCCL							0.004	0.004				
Trans Damodar	DPL			0.019	0.019	0.050	0.050	0.344	0.344				
Total Power					0.000	1.733	1.733	0.000	6.969	6.969	0.000	10.395	10.395
Gare Palma IV/2 & 3	SECL	Chhattisgarh	CM(SP)	Comercial		0.318	0.318	0.043	0.043		0.000	0.000	
Suliyari	APMDCL	Madhya Pradesh			0.023	0.023	0.549	0.549	0.512	0.512			
Total Comercial					0.000	0.341	0.341	0.000	0.592	0.592	0.000	0.512	0.512
Tasra	SAIL	Jharkhand	CMN	NRS			0.000		0.000			0.000	
Total NRS					0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Public					0.000	2.074	2.074	0.000	7.561	7.561	0.000	10.907	10.907
Moher & Moher Amlori Extn	SPL	Madhya Pradesh	CMN	Power		0.530	0.530	0.448	0.448		0.647	0.647	
Amelia North	JPVL		CM(SP)		0.000	0.000	0.221	0.221	0.200	0.200			
Sarshatali	CESC	West Bengal			0.295	0.295	0.147	0.147	0.013	0.013			
Total Power					0.000	0.825	0.825	0.000	0.816	0.816	0.000	0.860	0.860
Gare Palma IV/1	JPL	Chhattisgarh	CM(SP)	Comercial		0.077	0.077	0.466	0.466		0.787	0.787	
Gare Palma IV/2 & 3	JPL										0.712	0.712	
Gare Palma IV/6	JSPL										0.230	0.230	
Gare Palma IV/7	SEML							0.390	0.390	0.099	0.099	0.023	0.023
Goitoria East & West	BSMPL	Madhya Pradesh				0.000	0.004	0.004	0.004	0.017	0.017		
Takli Jena Bellora	AIPL	Maharashtra								0.021	0.021		
Utkal C	JSPL	Odisha								0.065	0.065		
Total Comercial					0.000	0.467	0.467	0.000	0.569	0.569	0.000	1.855	1.855
Gare Palma IV/4	HIL	Chhattisgarh	CM(SP)	NRS		0.024	0.024	0.003	0.003		0.047	0.047	
Gare Palma IV/5	HIL								0.000	0.000	0.000		
Chotia II	BALCO								0.000	0.183	0.183	0.022	0.022
Gare Palma IV/8	AMBUJA				0.010	0.010	0.103	0.103	0.154	0.154			
Kathautia	HIL	Jharkhand			0.046	0.046	0.006	0.006	0.006	0.001	0.001		
Sial Ghogri	RCCPL	Madhya Pradesh	CM(SP)	NRS	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Bicharpur	UTCL				0.003	0.003	0.007	0.007	0.172	0.172			
Belgaon	SIL	Maharashtra	CM(SP)	NRS	0.033	0.033	0.015	0.015	0.015	0.003	0.003		
Marki Mangli I	TUML				0.044	0.044	0.022	0.022	0.000	0.000			
Marki Mangli III	BSIL				0.020	0.020	0.057	0.057	0.100	0.100			
Jamkhani	Vedanta					0.000	0.656	0.656	0.190	0.190			
NALCO	Utkal D								0.000	0.000			
Total NRS					0.000	0.181	0.181	0.000	1.053	1.053	0.000	0.690	0.690
Total Private					0.000	1.473	1.473	0.000	2.438	2.438	0.000	3.405	3.405
Grand Total					0.000	3.547	3.547	0.000	9.999	9.999	0.000	14.312	14.312

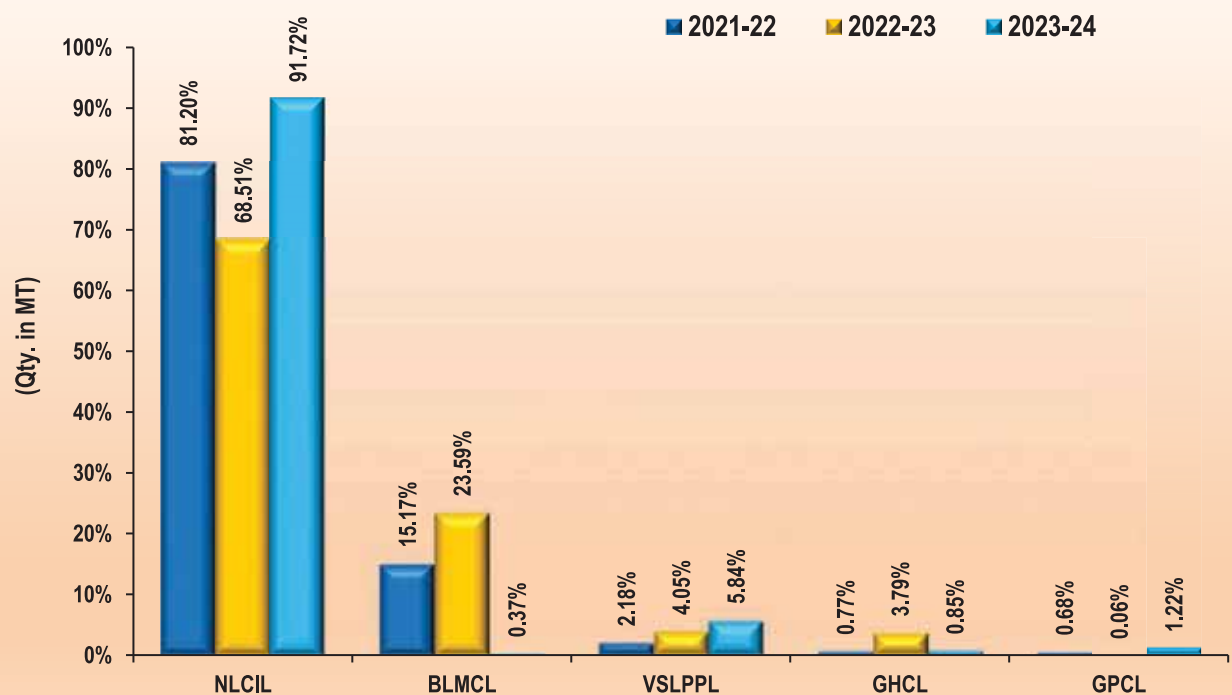
Note: Power and NRS Coal Blocks are collectively called as Captive Coal Blocks.

Table 5.10 : Pit-Head Closing Stock of Lignite by Companies in India last Three Years

(Qty. in MT)

Company	2021-22		2022-23		2023-24	
	Quantity	% of All India	Quantity	% of All India	Quantity	% of All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)
NLCIL	2.752	81.20%	1.066	56.61%	1.727	91.72%
GMDCL		0.00%		0.00%		0.00%
GIPCL		0.00%		0.00%		0.00%
GHCL	0.026	0.77%	0.059	3.13%	0.016	0.85%
RSMML		0.00%		0.00%		0.00%
VSLPPL	0.074	2.18%	0.063	3.35%	0.110	5.84%
BLMCL	0.514	15.17%	0.367	19.49%	0.007	0.37%
GPCL	0.023	0.68%	0.001	0.05%	0.023	1.22%
All India	3.389	100.00%	1.556	82.63%	1.883	100.00%

Pit-Head Closing Stock of Lignite by Companies in India during last Three Years



06.

Pit-Head Value & Price



Section VI

Pit-head Value and Price

6.1 Pit-head Value

6.1.1 Coal production in India (including lignite) in the year 2023-24 has already been discussed in Section-III. In this section an attempt has been made to discuss pit-head value of coal produced, pit-head (Run of Mine) price, etc. Statement 6.1 and 6.2 provide state wise production and value for coal and lignite for the year 2023-24.

Statement 6.1: State Wise Production (MT) and Value (Million Rs.) of Coal during 2023-24		
State	Production	Value
Assam	0.200	995.601
Chhattisgarh	207.255	218113.540
Jammu & Kashmir	0.008	14.720
Jharkhand	191.158	365831.200
Maharashtra	69.282	165448.560
Madhya Pradesh	159.228	238133.210
Odisha	239.402	206070.088
Telangana	72.521	230678.489
Uttar Pradesh	21.510	32260.999
West Bengal	37.262	95708.659
All India	997.826	1553255.065

Statement 6.2: State Wise Production (MT) and Value (Million Rs.) of Lignite during 2023-24		
State	Production	Value
Gujarat	11.326	26175.787
Tamil Nadu	21.580	52413.420
Rajasthan	10.015	19832.561
All India	42.921	98421.768

6.1.2 The total production of coal is the sum of the production categorized under different grades. A better understanding requires grade-wise production and value. However, for a general time series view, Table 6.1 provides detailed data on total production and value of coal and lignite for every state for the last five years.

6.1.3 Table 6.2 provides data on statewide production of coal and its value categorized by sectors for captive and non-captive separately. The pit head (ROM) prices of coking coal of Coal India Limited for the last few years and 2023-24 are given in Table 6.3 and 6.4.

The pit head (ROM) prices of non-coking coal of CIL (after adoption of GCV band price since 2012) have been given in Table 6.5, 6.6, pit head (ROM) prices are given in Table 6.7 and 6.8. Prices of Singareni Collieries Company Limited are given in Table 6.9 and 6.10.

Table 6.1: State Wise Production of Coal and Lignite Vis-a-Vis Pit-head Value during last Five Years

(Qty. in MT and Value in Million Rupees)

States	2019-20		2020-21		2021-22		2022-23		2023-24	
	Production	Value	Production	Value	Production	Value	Production	Value	Production	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
COAL :										
Assam	0.517	1736.20	0.036	117.09	0.028	119.90	0.200	887.31	0.200	995.60
Chhattisgarh	157.745	139233.97	158.410	187286.10	154.120	143837.82	184.895	183206.09	207.255	218113.54
Jammu & Kashmir	0.014	25.77	0.010	18.41	0.011	20.24	0.010	18.40	0.008	14.72
Jharkhand	131.763	272123.67	123.428	250829.61	130.105	308256.30	156.483	379863.35	191.158	365831.20
Maharashtra	54.746	93946.40	47.435	88149.54	56.528	124059.88	63.620	143832.70	69.282	165448.56
Madhya Pradesh	125.726	195145.41	132.531	200715.73	137.975	209782.85	146.029	218847.13	159.228	238133.21
Odisha	143.016	146624.26	154.151	122399.97	185.069	151613.97	218.981	176661.58	239.402	206070.09
Telangana	65.703	151074.64	52.603	124663.29	67.233	194274.87	69.637	255530.03	72.521	230678.49
Uttar Pradesh	18.030	25063.50	17.016	23955.44	18.073	25173.57	20.540	28224.30	21.510	32261.00
West Bengal	33.614	85069.84	30.463	78563.62	29.069	69840.18	32.796	79892.13	37.262	95708.66
All India	730.874	1110043.67	716.083	1076698.79	778.210	1226979.58	893.191	1466963.01	997.826	1553255.07
LIGNITE :										
Gujarat	10.357	9142.86	10.813	19216.79	13.331	20302.23	12.313	18021.91	11.326	26175.79
Tamilnadu	23.516	43788.28	18.026	36700.35	23.635	40040.50	21.519	44737.07	21.580	52413.42
Rajasthan	8.223	13742.16	9.056	15350.51	10.526	17308.94	10.197	18025.60	10.015	19832.56
All India	42.096	66673.30	37.895	71267.64	47.492	77651.67	44.029	80784.58	42.921	98421.77
Note: In respect of Coal Companies which either did not provide value or the value provided is not justified, the value has been estimated on the basis of Basic Price (ROM) notified by Coal India Limited.										

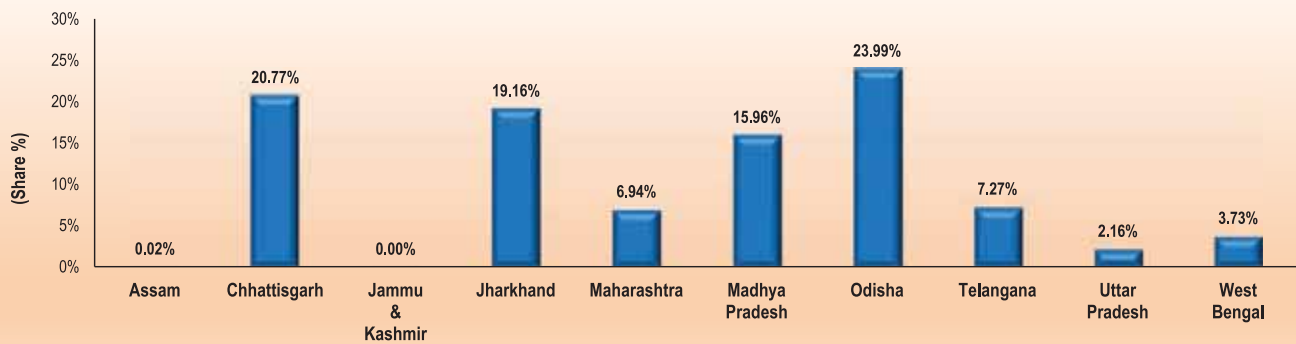
Table 6.2 : State Wise Production of Coal and its Pit-head Value - by Sector & Captive / Non-Captive Units during 2023-24

(Qty. in MT and Value in Million Rupees)

Block	Sector	Quantity & Value	Assam	Chhattisgarh	Jammu & Kashmir	Jharkhand	Maharashtra	Madhya Pradesh	Odisha	Telangana	Uttar Pradesh	West Bengal	All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Public	Non Captive	Production	0.200	175.280	0.008	145.016	66.445	129.402	206.099	70.021	21.510	30.236	844.217
		Value	995.60	176461.21	14.72	292934.53	158580.50	194889.94	172636.03	220937.51	32261.00	88985.66	1338696.71
	Power & NRS	Production	0.000	18.247	0.000	40.035	2.500	1.251	30.150	2.500	0.000	5.733	100.416
		Value	0.00	20802.16	0.00	56832.73	5966.61	1989.26	24996.34	9740.98	0.00	5564.47	125892.53
	CMRS	Production	0.000	0.160	0.000	0.000	0.000	5.000	0.000	0.000	0.000	0.000	5.160
		Value	0.00	169.95	0.00	0.00	0.00	12854.24	0.00	0.00	0.00	0.00	13024.19
	Total	Production	0.200	193.687	0.008	185.051	68.945	135.653	236.249	72.521	21.510	35.969	949.793
		Value	995.60	197433.31	14.72	349767.26	164547.11	209733.44	197632.38	230678.49	32261.00	94550.13	1477613.43
Private	Non Captive	Production	0.000	0.000	0.000	5.924	0.000	0.000	0.000	0.000	0.000	0.000	5.924
		Value	0.00	0.00	0.00	14819.21	0.00	0.00	0.00	0.00	0.00	0.00	14819.21
	Power & NRS	Production	0.000	2.418	0.000	0.183	0.252	23.275	2.126	0.000	0.000	1.293	29.547
		Value	0.00	6621.95	0.00	1244.73	788.95	27609.37	5675.00	0.00	0.00	1158.53	43098.53
	CMRS	Production	0.000	11.150	0.000	0.000	0.085	0.300	1.027	0.000	0.000	0.000	12.562
		Value	0.00	14058.28	0.00	0.00	112.50	790.40	2762.71	0.00	0.00	0.00	17723.89
	Total	Production	0.000	13.568	0.000	6.107	0.337	23.575	3.153	0.000	0.000	1.293	48.033
		Value	0.00	20680.23	0.00	16063.94	901.45	28399.78	8437.71	0.00	0.00	1158.53	75641.63
All India 2023-24	Production	0.200	207.255	0.008	191.158	69.282	159.228	239.402	72.521	21.510	37.262	997.826	
	Value	995.60	218113.54	14.72	365831.20	165448.56	238133.21	206070.09	230678.49	32261.00	95708.66	1553255.07	

Note: In respect of Coal Companies which either did not provide value or the value provided is not justified, the value has been estimated on the basis of Basic Price (ROM) notified by Coal India Limited.

Share of State Wise Coal Production during 2023-24



Share of State Wise Value of Raw Coal during 2023-24

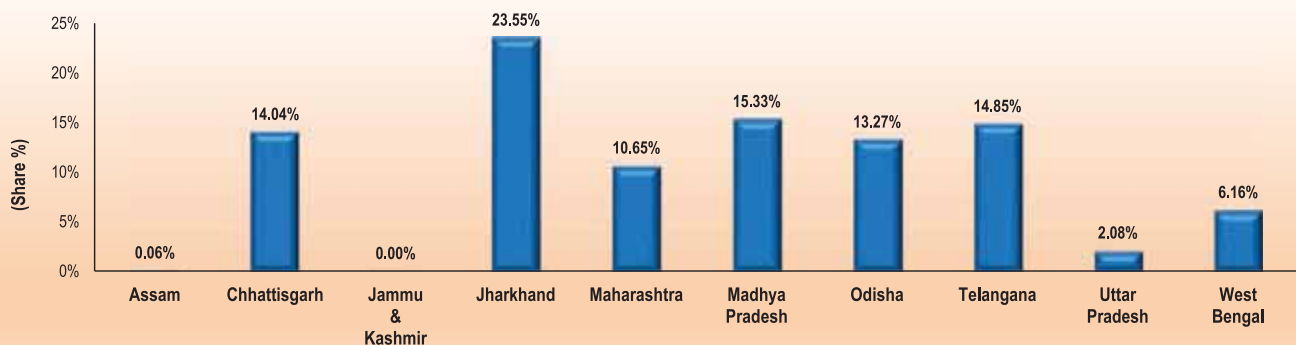


Table 6.3 : Pit Head (Run of Mine) Price (Rupees Per Tonne) of Coking Coal
Applicable for Power Utilities (Including IPPs), Fertiliser and Defence Sector. [Price- Rs./ Tonne]

Companies	Period	Grade of Coal							
		SI	SII	WI	WII	WIII	WIV	SCI	SCII
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL (Unspecified)	01-04-2015 to 31-03-2016			2390	1990	1470	1370		
ECL (Unspecified)	01-04-2016 to 31-03-2017			2390	1990	1470	1370		
ECL (Unspecified)	01-04-2017 to 31-03-2018			2390	1990	1470	1370		
ECL (Unspecified)	01-04-2018 to 31-03-2019			2390	1990	1470	1370		
ECL (Unspecified)	01-04-2019 to 31-03-2020			2390	1990	1470	1370		
ECL (Unspecified)	01-04-2020 to 31-03-2021			2390	1990	1470	1370		
ECL (Unspecified)	01-04-2021 to 31-03-2024			2390	1990	1470	1370		
ECL (Raniganj)	01-04-2015 to 31-03-2016							2150	1790
ECL (Raniganj)	01-04-2016 to 31-03-2017							2150	1790
ECL (Raniganj)	01-04-2017 to 31-03-2018							2150	1790
ECL (Raniganj)	01-04-2018 to 31-03-2019							2150	1790
ECL (Raniganj)	01-04-2019 to 31-03-2020							2150	1790
ECL (Raniganj)	01-04-2020 to 31-03-2021							2150	1790
ECL (Raniganj)	01-04-2021 to 31-03-2024							2150	1790
BCCL (Specified)	01-04-2014 to 31-03-2015	3750	3140	2220	1850	1360	1270		
BCCL (Specified)	01-04-2015 to 31-03-2016	3750	3140	2220	1850	1360	1270		
BCCL (Specified)	01-04-2017 to 31-03-2021	3750	3140	2740	1980	1480	1370		
BCCL (Unspecified)	01-04-2013 to 31-03-2014			2020	1680	1240	1150		
BCCL (Unspecified)	01-04-2014 to 31-03-2015			2020	1680	1240	1150		
BCCL (Unspecified)	01-04-2015 to 31-03-2024			2020	1680	1240	1150		
BCCL	13-01-2017 to 31-03-2017			4190	3200	2550	2410		
BCCL	01-04-2017 to 31-03-2018			4190	3200	2550	2410		
BCCL	01-04-2018 to 31-03-2019			4190	3200	2550	2410		
BCCL	01-04-2019 to 31-03-2020			4190	3200	2550	2410		
BCCL	01-04-2020 to 31-03-2021			4190	3200	2550	2410		
BCCL	01-04-2021 to 31-03-2024			4190	3200	2550	2410		
CCL	wef 31-03-2015	3750		1960	1620	1200	1120		
CCL	01-04-2015 to 31-03-2016	3750		1960	1620	1200	1120		
CCL	01-04-2016 to 13-01-2017			1960	1620	1200	1120		
CCL	14-01-2017 to 31-03-2017			3450	3210	2750	1120		
CCL	01-04-2017 to 31-03-2018			3450	3210	2750	1120		
CCL	01-04-2018 to 31-03-2019			3450	3210	2750	1120		
CCL	01-04-2019 to 31-03-2020			3450	3210	2750	1120		
CCL	01-04-2020 to 31-03-2021			3450	3210	2750	1120		
CCL	01-04-2021 to 31-03-2024			3450	3210	2750	1120		
WCL	01-04-2014 to 31-03-2015			1710	1410	1290			
WCL	01-04-2015 to 31-03-2016			1710	1410	1290			
WCL	01-04-2016 to 31-03-2017			1710	1410	1290			
WCL	01-04-2017 to 31-03-2018			1710	1410	1290			
WCL	01-04-2018 to 31-03-2019			1710	1410	1290			
WCL	01-04-2019 to 31-03-2020			1710	1410	1290			
WCL	01-04-2020 to 31-03-2021			1710	1410	1290			
WCL	01-04-2021 to 31-03-2024			1710	1410	1290			
SECL	01-04-2015 to 31-03-2016							1740	1450
SECL	01-04-2016 to 31-03-2017							1740	1450
SECL	01-04-2017 to 31-03-2018							1740	1450
SECL	01-04-2018 to 31-03-2019							1740	1450
SECL	01-04-2019 to 31-03-2020							1740	1450
SECL	01-04-2020 to 31-03-2021							1740	1450
SECL	01-04-2021 to 31-03-2024							1740	1450

Source: Information provided by CIL

As per policy adopted by CIL, during **2018-19**, price of coking coal was notified by the respective subsidiary company and available in website.

Table 6.4 : Pit Head (Run of Mine) Price (Rupees Per Tonne) of Coking Coal
Applicable for Consumers Other Than Power Utilities (Including IPPs), Fertiliser and Defence. [Price- Rs./ Tonne]

Companies	Period	Grade of Coal								
		SI	SII	WI	WII	WIII	WIV	SCI	SCII	Direct Feed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ECL (Unspecified)	01-04-2015 to 31-03-2016			3110	2590	1910	1780			
ECL (Unspecified)	01-04-2016 to 31-03-2017			3110	2590	1910	1780			
ECL (Unspecified)	01-04-2017 to 31-03-2018			3110	2590	1910	1780			
ECL (Unspecified)	01-04-2018 to 31-03-2019			3110	2590	1910	1780			
ECL (Unspecified)	01-04-2019 to 31-03-2020			3110	2590	1910	1780			
ECL (Unspecified)	01-04-2020 to 31-03-2021			3110	2590	1910	1780			
ECL (Unspecified)	01-04-2021 to 31-03-2024			3110	2590	1910	1780			
ECL (Raniganj)	01-04-2015 to 31-03-2016							2800	2330	
ECL (Raniganj)	01-04-2016 to 31-03-2017							2800	2330	
ECL (Raniganj)	01-04-2017 to 31-03-2018							2800	2330	
ECL (Raniganj)	01-04-2018 to 31-03-2019							2800	2330	
ECL (Raniganj)	01-04-2019 to 31-03-2020							2800	2330	
ECL (Raniganj)	01-04-2020 to 31-03-2021							2800	2330	
ECL (Raniganj)	01-04-2021 to 31-03-2024							2800	2330	
BCCL (Specified)	01-04-2014 to 31-03-2015	4880	4080	2890	2400	1770	1650			
BCCL (Specified)	01-04-2015 to 31-03-2016	4880	4080	2890	2400	1770	1650			
BCCL (Unspecified)	01-04-2014 to 31-03-2015			2630	2180	1610	1500			
BCCL (Unspecified)	01-04-2015 to 31-03-2016			2630	2180	1610	1500			
BCCL	13-01-2017 to 31-03-2017			5028	3840	3060	2892			
BCCL	01-04-2017 to 28-03-2018			5028	3840	3060	2892			
BCCL	29-03-2018 to 31-03-2018	5860	5635	5028	3840	3060	2892			5810
BCCL	01-04-2018 to 31-03-2019	5860	5635	5028	3840	3060	2892			5810
BCCL	01-04-2019 to 31-03-2020	5860	5635	5028	3840	3060	2892			5810
BCCL	01-04-2020 to 31-03-2021	5860	5635	5028	3840	3060	2892			5810
BCCL	01-04-2021 to 31-03-2024	5860	5635	5028	3840	3060	2892			5810
CCL	01-04-2015 to 31-03-2016			2550	2110	1560	1460			
CCL	01-04-2016 to 13-01-2017			2550	2110	1560	1460			
CCL	14-01-2017 to 31-03-2017	4880	4080	3450	3210	2750	2300			
CCL	01-04-2017 to 31-03-2018	4880	4080	3450	3210	2750	2300			
CCL	01-04-2018 to 31-03-2019	4880	4080	3450	3210	2750	2300			
CCL	01-04-2019 to 31-03-2020	4880	4080	3450	3210	2750	2300			
CCL	01-04-2020 to 31-03-2021	4880	4080	3450	3210	2750	2300			
CCL	01-04-2021 to 31-03-2024	4880	4080	3450	3210	2750	2300			
WCL	01-04-2015 to 31-03-2016				2220	1830	1680			
WCL	01-04-2016 to 31-03-2017				2220	1830	1680			
WCL	01-04-2017 to 31-03-2018				2220	1830	1680			
WCL	01-04-2018 to 31-03-2019				2220	1830	1680			
WCL	01-04-2020 to 31-03-2021				2220	1830	1680			
WCL	01-04-2021 to 31-03-2024				2220	1830	1680			
SECL	01-04-2015 to 31-03-2016							2260	1890	
SECL	01-04-2016 to 31-03-2017							2260	1890	
SECL	01-04-2017 to 31-03-2018							2260	1890	
SECL	01-04-2018 to 31-03-2019							2260	1890	
SECL	01-04-2019 to 31-03-2020							2260	1890	
SECL	01-04-2020 to 31-03-2021							2260	1890	
SECL	01-04-2021 to 31-03-2024							2260	1890	

Source : Information provided by CIL. Further details are available in the website of CIL.

As per policy adopted by CIL, during **2018-19**, price of coking coal was notified by the respective subsidiary company and available in website.

Note: Direct Feed Grade has been introduced in 2018-19

**Table 6.5 : Pit Head (Run of Mine) Price (Rupees Per Tonne) of Non-Coking Coal of Coal India Limited
(Excluding WCL)**

Grade of Coal	GCV Bands	Applicable to Power Utilities (including IPPs), Fertiliser and Defence Sector [Price- Rs./ Tonne]											
		28-05-13 to 31-03-14	01-04-14 to 31-03-15	01-04-15 to 31-03-16	01-04-16 to 29-05-16	30-05-16 to 31-03-17	01-04-17 to 08-01-18	09-01-18 to 31-03-18	01-04-18 to 31-03-19	01-04-19 to 30-11-20	01-12-20 to 31-03-21	01-04-21 to 30-05-23	31-05-23 to 31-03-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
G 1	Exceeding 7000	*	*	*	*	*	*	*	*	*	*	*	*
G 2	Exceeding 6700 and not exceeding 7000	4870	4870	4870	4870	3450	3450	3288	3288	3288	3298	3298	3560
G 3	Exceeding 6400 and not exceeding 6700	3890	3890	3890	3890	3210	3210	3144	3144	3144	3154	3154	3410
G 4	Exceeding 6100 and not exceeding 6400	3490	3490	3490	3490	3000	3000	3000	3000	3000	3010	3010	3250
G 5	Exceeding 5800 and not exceeding 6100	2800	2800	2800	2800	2750	2750	2737	2737	2737	2747	2747	2970
G 6	Exceeding 5500 and not exceeding 5800	1600	1600	1600	1600	1900	1900	2317	2317	2317	2327	2327	2510
G 7	Exceeding 5200 and not exceeding 5500	1400	1400	1400	1400	1600	1600	1926	1926	1926	1936	1936	2090
G 8	Exceeding 4900 and not exceeding 5200	1250	1250	1250	1250	1420	1420	1465	1465	1465	1475	1475	1590
G 9	Exceeding 4600 and not exceeding 4900	970	970	970	970	1100	1100	1140	1140	1140	1150	1150	1240
G 10	Exceeding 4300 and not exceeding 4600	860	860	860	860	980	980	1024	1024	1024	1034	1034	1120
G 11	Exceeding 4000 and not exceeding 4300	700	700	700	700	810	810	955	955	955	965	965	965
G 12	Exceeding 3700 and not exceeding 4000	660	660	660	660	760	760	886	886	886	896	896	896
G 13	Exceeding 3400 and not exceeding 3700	610	610	610	610	720	720	817	817	817	827	827	827
G 14	Exceeding 3100 and not exceeding 3400	550	550	550	550	650	650	748	748	748	758	758	758
G 15	Exceeding 2800 and not exceeding 3100	510	510	510	510	600	600	590	590	590	600	600	600
G 16	Exceeding 2500 and not exceeding 2800	450	450	450	450	530	530	504	504	504	514	514	514
G 17	Exceeding 2200 and not exceeding 2500	400	400	400	400	470	470	447	447	447	457	457	457

* For GCV exceeding 7000 Kcal/ Kg, the price shall be increased by Rs. 100/-per tonne over and above the price applicable for GCV band exceeding 6700 but not exceeding 7000 Kcal/Kg, for increase in GCV by every 100 Kcal/ Kg or part thereof.

An additional amount of Rs. 450 per tonne (as per existing practice) to be charged over and above the notified price in respect of the coal produced from Rajmahal mine of Eastern Coalfields Limited.

**Table 6.6 : Pit Head Price (Run of Mine) Price (Rupees Per Tonne) of Non-Coking Coal of Coal India Limited
(Excluding WCL)**

Grade of Coal	GCV Bands	Applicable to Sectors Other than Power Utilities (including IPPs), Fertiliser and Defence [Price- Rs/ Tonne]											
		28-05-13 to 31-03-14	01-04-14 to 31-03-15	01-04-15 to 31-03-16	01-04-16 to 29-05-16	30-05-16 to 31-03-17	01-04-17 to 08-01-18	09-01-18 to 31-03-18	01-04-18 to 31-03-19	01-04-19 to 30-11-20	01-12-20 to 31-03-21	01-04-21 to 30-05-23	31-05-23 to 31-03-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
G 1	Exceeding 7000	*	*	*	*	*	*	*	*	*	*	*	*
G 2	Exceeding 6700 and not exceeding 7000	4870	4870	4870	4870	3450	3450	3288	3288	3288	3298	3298	3560
G 3	Exceeding 6400 and not exceeding 6700	3890	3890	3890	3890	3210	3210	3144	3144	3144	3154	3154	3410
G 4	Exceeding 6100 and not exceeding 6400	3490	3490	3490	3490	3000	3000	3000	3000	3000	3010	3010	3250
G 5	Exceeding 5800 and not exceeding 6100	2800	2800	2800	2800	2750	2750	2737	2737	2737	2747	2747	2970
G 6	Exceeding 5500 and not exceeding 5800	2150	2150	2150	2150	2280	2280	2524	2524	2524	2534	2534	2730
G 7	Exceeding 5200 and not exceeding 5500	1890	1890	1890	1890	1920	1920	2311	2311	2311	2321	2321	2510
G 8	Exceeding 4900 and not exceeding 5200	1690	1690	1690	1690	1700	1700	1757	1757	1757	1767	1767	1908
G 9	Exceeding 4600 and not exceeding 4900	1310	1310	1310	1310	1320	1320	1368	1368	1368	1378	1378	1488
G 10	Exceeding 4300 and not exceeding 4600	1160	1160	1160	1160	1180	1180	1228	1228	1228	1238	1238	1344
G 11	Exceeding 4000 and not exceeding 4300	950	950	950	950	970	970	1145	1145	1145	1155	1155	1155
G 12	Exceeding 3700 and not exceeding 4000	890	890	890	890	910	910	1063	1063	1063	1073	1073	1073
G 13	Exceeding 3400 and not exceeding 3700	820	820	820	820	860	860	980	980	980	990	990	990
G 14	Exceeding 3100 and not exceeding 3400	740	740	740	740	780	780	897	897	897	907	907	907
G 15	Exceeding 2800 and not exceeding 3100	680	680	680	680	720	720	708	708	708	718	718	718
G 16	Exceeding 2500 and not exceeding 2800	610	610	610	610	640	640	604	604	604	614	614	614
G 17	Exceeding 2200 and not exceeding 2500	540	540	540	540	570	570	536	536	536	546	546	546

* For GCV exceeding 7000 Kcal/ Kg, the price shall be increased by Rs. 100/-per tonne over and above the price applicable for GCV band exceeding 6700 but not exceeding 7000 cal/Kg, for increase in GCV by every 100 Kcal/ Kg or part thereof.

An additional amount of Rs. 450 per tonne (as per existing practice) to be charged over and above the notified price in respect of the coal produced from Rajmahal mine of Eastern Coalfields Limited.

Source : Information provided by CL. Further details are available in website.

Table 6.7 : Pit Head (Run of Mines) Price (Rupees per Tonne) of Non-Coking Coal of Western Coalfields Ltd. (WCL)

(Applicable to Power Utilities (including IPPs), Fertiliser and Defence Sector). [Price- Rs. / Tonne]

Grade of Coal	GCV Bands	01-04-13 to 27-05-13	28-05-13 to 16-12-13	17-12-13 to 31-03-14	01-04-14 to 31-03-15	01-04-15 to 31-03-16	01-04-16 to 29-05-16	30-05-16 to 31-03-17	01-04-17 to 08-01-18	09-01-18 to 31-03-18	01-04-18 to 31-03-19	01-04-19 to 30-11-20	01-12-20 to 31-03-21	01-04-21 to 30-05-23	31-05-23 to 31-03-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
G 1	Exceeding 7000	*	*	*	*	*	*	*	*	*	*	*	*	*	*
G 2	Exceeding 6700 and not exceeding 7000	4870	4870	4870	4870	4870	4870	3450	3450	3288	3288	3288	3298	3298	3560
G 3	Exceeding 6400 and not exceeding 6700	4420	3890	3890	3890	3890	3890	3210	3210	3144	3144	3144	3154	3154	3410
G 4	Exceeding 6100 and not exceeding 6400	3970	3490	3490	3490	3490	3490	3000	3000	3000	3000	3000	3010	3010	3250
G 5	Exceeding 5800 and not exceeding 6100	2800	2800	2800	2800	2800	2800	2750	2750	2737	2737	2737	2747	2747	2970
G 6	Exceeding 5500 and not exceeding 5800	1740	1760	1920	1920	1920	1920	2280	2280	2524	2524	2524	2534	2534	2740
G 7	Exceeding 5200 and not exceeding 5500	1520	1540	1680	1680	1680	1680	1920	1920	2311	2311	2311	2321	2321	2510
G 8	Exceeding 4900 and not exceeding 5200	1370	1380	1510	1510	1510	1510	1700	1700	1757	1757	1757	1767	1767	1910
G 9	Exceeding 4600 and not exceeding 4900	1060	1070	1170	1170	1170	1170	1320	1320	1368	1368	1368	1378	1378	1490
G 10	Exceeding 4300 and not exceeding 4600	940	940	1030	1030	1030	1030	1180	1180	1228	1228	1228	1238	1238	1340
G 11	Exceeding 4000 and not exceeding 4300	770	770	840	840	840	840	970	970	1145	1145	1145	1155	1155	1155
G 12	Exceeding 3700 and not exceeding 4000	720	730	800	800	800	800	910	910	1063	1063	1063	1073	1073	1073
G 13	Exceeding 3400 and not exceeding 3700	660	670	730	730	730	730	860	860	980	980	980	990	990	990
G 14	Exceeding 3100 and not exceeding 3400	600	610	670	670	670	670	780	780	897	897	897	907	907	907
G 15	Exceeding 2800 and not exceeding 3100	550	560	610	610	610	610	720	720	708	708	708	718	718	718
G 16	Exceeding 2500 and not exceeding 2800	490	500	550	550	550	550	640	640	604	604	604	614	614	614
G 17	Exceeding 2200 and not exceeding 2500	430	440	480	480	480	480	560	560	536	536	536	546	546	546

* For GCV exceeding 7000 Kcal/ Kg, the price shall be increased by Rs. 100/-per tonne over and above the price applicable for GCV band exceeding 6700 but not exceeding 7000 Kcal/Kg, for increase in GCV by every 100 Kcal/ Kg or part thereof.

Table 6.8: Pit Head (Run of Mines) Price (Rupees per Tonne) of Non-Coking Coal of Western Coalfields Ltd. (WCL)

(Applicable to Sectors Other than Power Utilities (including IPPs) and Defence Sector). [Price- Rs. /Tonne]

Grade of Coal	GCV Bands	01-04-13 to 27-05-13	28-05-13 to 16-12-13	17-12-13 to 31-03-14	01-04-14 to 31-03-15	01-04-15 to 31-03-16	01-04-16 to 29-05-16	30-05-16 to 31-03-17	01-04-17 to 08-01-18	09-01-18 to 31-03-18	01-04-18 to 31-03-19	01-04-19 to 30-11-20	01-12-20 to 31-03-21	01-04-21 to 31-03-23	01-04-21 to 31-03-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
G 1	Exceeding 7000	*	*	*	*	*	*	*	*	*	*	*	*	*	*
G 2	Exceeding 6700 and not exceeding 7000	4870	4870	4870	4870	4870	4870	3450	3450	3288	3288	3288	3298	3298	3560
G 3	Exceeding 6400 and not exceeding 6700	4420	3890	3890	3890	3890	3890	3210	3210	3144	3144	3144	3154	3154	3410
G 4	Exceeding 6100 and not exceeding 6400	3970	3490	3490	3490	3490	3490	3000	3000	3000	3000	3000	3010	3010	3250
G 5	Exceeding 5800 and not exceeding 6100	2800	2800	2800	2800	2800	2800	2750	2750	2737	2737	2737	2747	2747	2970
G 6	Exceeding 5500 and not exceeding 5800	2350	2370	2590	2590	2590	2590	2280	2280	2580	2580	2580	2590	2590	2800
G 7	Exceeding 5200 and not exceeding 5500	2050	2080	2270	2270	2270	2270	1920	1920	2423	2423	2423	2433	2433	2630
G 8	Exceeding 4900 and not exceeding 5200	1850	1860	2030	2030	2030	2030	1700	1700	2109	2109	2109	2119	2119	2292
G 9	Exceeding 4600 and not exceeding 4900	1430	1440	1570	1570	1570	1570	1320	1320	1642	1642	1642	1652	1652	1788
G 10	Exceeding 4300 and not exceeding 4600	1270	1270	1390	1390	1390	1390	1180	1180	1474	1474	1474	1484	1484	1608
G 11	Exceeding 4000 and not exceeding 4300	1040	1050	1150	1150	1150	1150	970	970	1374	1374	1374	1384	1384	1384
G 12	Exceeding 3700 and not exceeding 4000	970	980	1070	1070	1070	1070	910	910	1275	1275	1275	1285	1285	1285
G 13	Exceeding 3400 and not exceeding 3700	890	900	980	980	980	980	860	860	1176	1176	1176	1186	1186	1186
G 14	Exceeding 3100 and not exceeding 3400	810	820	890	890	890	890	780	780	1076	1076	1076	1086	1086	1086
G 15	Exceeding 2800 and not exceeding 3100	740	750	820	820	820	820	720	720	850	850	850	860	860	860
G 16	Exceeding 2500 and not exceeding 2800	660	670	730	730	730	730	640	640	725	725	725	735	735	735
G 17	Exceeding 2200 and not exceeding 2500	580	590	640	640	640	640	570	570	643	643	643	653	653	653

* For GCV exceeding 7000 Kcal/ Kg, the price shall be increased by Rs. 100/-per tonne over and above the price applicable for GCV band exceeding 6700 but not exceeding 7000 Kcal/Kg, for increase in GCV by every 100 Kcal/ Kg or part thereof.

Source : Information provided by CIL. Further details are available in website.

**Table 6.9 : Basic (Run of Mine) Price (Rupees per Tonne) of the Singareni Collieries Company Limited
(Applicable for Power Utility Sector)**

Grade of Coal	GCV Range	01-04-16 to 21-05-16	22-05-16 to 27-10-16	28-10-16 to 23-01-17	24-01-17 to 31-03-17	01-04-17 to 08-04-17	09-04-17 to 30-06-17	01-07-17 to 31-10-17	01-11-17 to 31-03-18	01-04-18 to 31-12-18	01-01-19 to 16-02-20	17-02-20 to 31-03-20	01-04-20 to 31-03-21	01-04-21 to 31-01-23	01-02-23 to 07-02-23	08-02-23 to 31-03-23	01-04-23 to 30-04-23	01-05-23 to 06-06-23	07-06-23 to 31-10-23	01-11-23 to 31-03-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
G 1	Above 7000	4680	4680	4680	4680	4680	4680	4680	4680	4680	4910	4910	4910	6110	6210	6310	6410	6410	6410	6510
G 2	6701-7000	4480	4480	4480	4480	4480	4480	4480	4480	4480	4700	4700	4700	5900	6000	6100	6200	6200	6200	6300
G 3	6401-6700	4390	4390	4390	4390	4390	4390	4390	4390	4390	4610	4610	4610	5810	5910	6010	6110	6110	6110	6210
G 4	6101-6400	4340	4340	4340	4340	4340	4340	4340	4340	4340	4560	4560	4560	5760	5860	5960	6060	6060	6060	6160
G 5	5801-6100	4320	4320	3320	3320	3320	3520	3520	3700	3700	3885	3885	3885	5285	5385	5485	5585	5585	5585	5685
G 6	5501-5800	3328	3328	3000	3000	3000	3200	3200	3600	3600	3780	3780	3780	4830	4930	5030	5130	5130	5130	5230
G 7	5201-5500	2600	2600	2600	2600	2600	2800	2800	3100	3100	3430	3430	3430	4430	4530	4630	4730	4730	4730	4830
G 8	4901-5200	2580	2580	2580	2580	2580	2600	2600	2900	2900	3130	3130	3130	3430	3530	3630	3730	3730	3730	3830
G 9	4601-4900	1730	1730	1730	1730	1730	2030	2030	2330	2330	2450	2450	2450	2750	2850	2950	3050	3050	3050	3150
G 10	4301-4600	1610	1610	1610	1610	1610	1900	1900	2200	2200	2310	2310	2310	2610	2710	2810	2910	2910	2910	3010
G 11	4001-4300	1300	1300	1300	1300	1300	1430	1430	1730	1730	1820	1820	1820	2120	2220	2320	2420	2420	2420	2520
G 12	3701-4000	1050	1050	1050	1050	1050	1250	1250	1520	1520	1600	1600	1600	1850	1950	2050	2150	2150	2150	2250
G 13	3401-3700	800	800	800	960	960	960	960	1160	1160	1230	1230	1230	1480	1580	1680	1780	1780	1780	1880
G 14	3101-3400	710	710	710	710	710	710	710	1000	1000	1100	1100	1100	1300	1400	1500	1600	1600	1600	1700
G 15	2801-3100	590	590	590	590	590	590	590	880	880	970	970	970	1270	1370	1470	1570	1570	1570	1670
G 16	2501-2800	550	550	550	550	550	550	550	840	840	920	920	920	1220	1320	1420	1520	1520	1520	1620
G 17	2201-2500	490	490	490	490	490	490	490	590	590	830	650	650	1130	1230	1330	1430	1430	1430	1530

Source : Information provided by SCCL, further details available in website.

NB : SCCL notified separate price of coal for Power Utilities and Non-Power Consumers from 11-09-2013.

Growth of Basic Price of the SCCL during last Two Years (Applicable for Power Utility Sector)

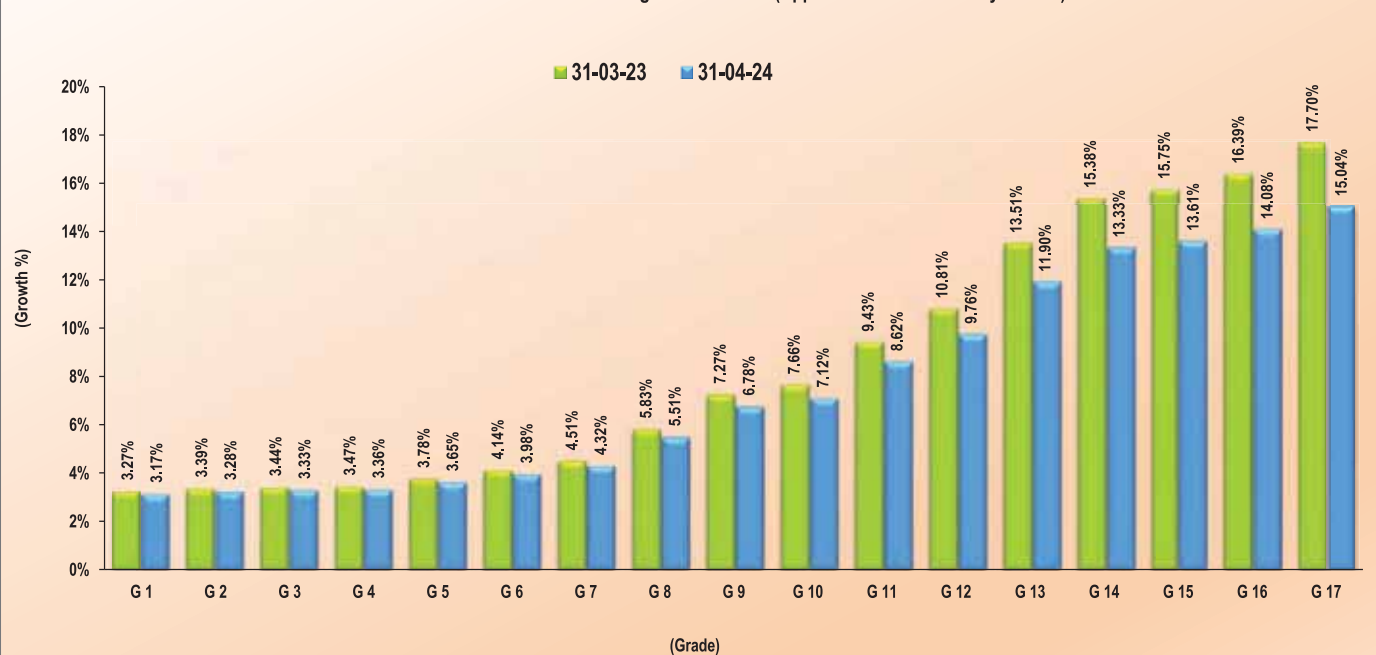
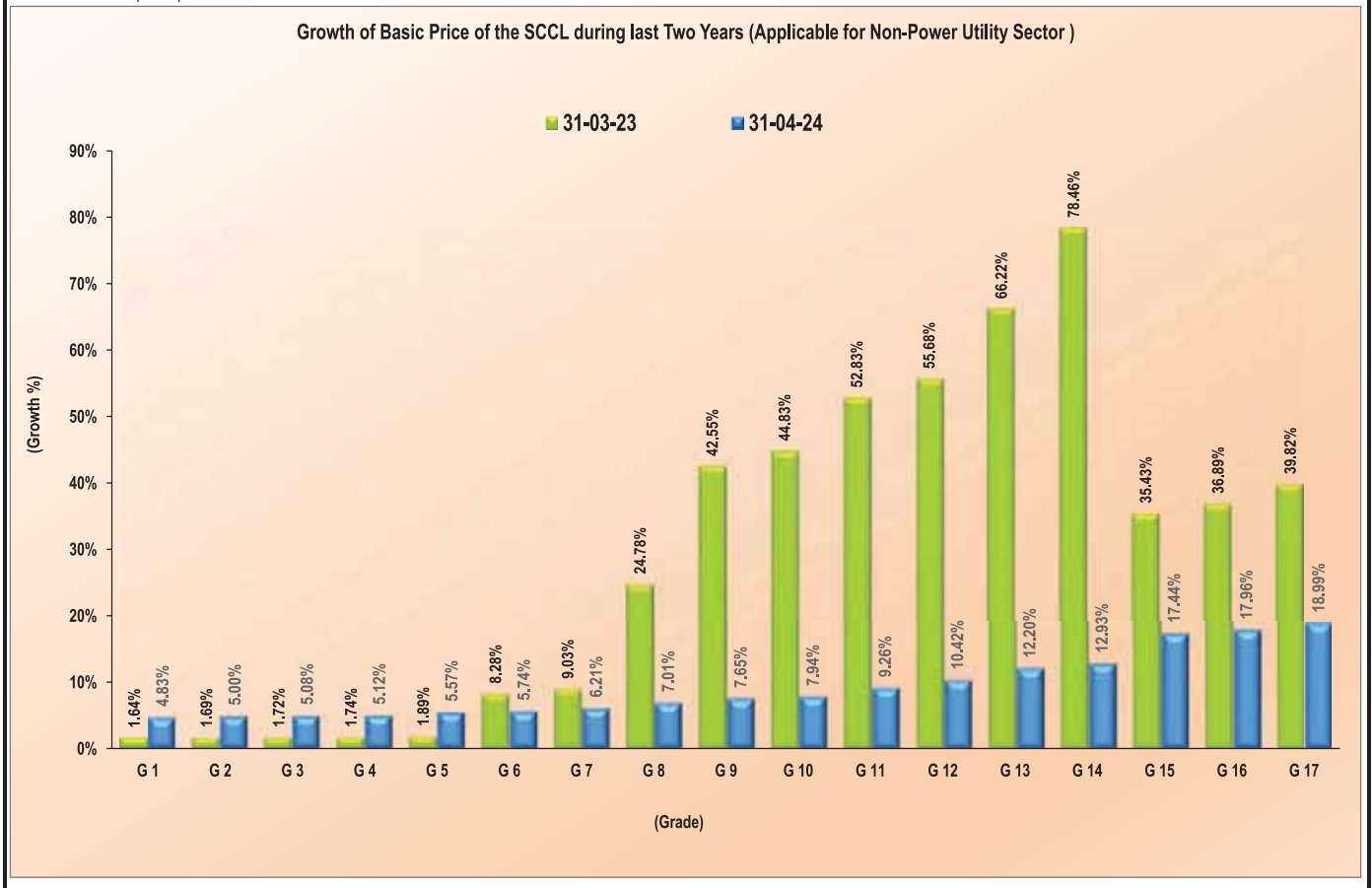


Table 6.10 : Basic (Run of Mine) Price (Rupees per Tonne) of the Singareni Collieries Company Limited (Applicable for Non-Power Utility Sector)

Grade of Coal	GCV Range	01-04-16 to 21-05-16	22-05-16 to 27-10-16	28-10-16 to 23-01-17	24-01-17 to 31-03-17	01-04-17 to 08-04-17	09-04-17 to 30-06-17	01-07-17 to 31-10-17	01-11-17 to 31-03-18	01-04-18 to 31-12-18	01-01-19 to 16-02-20	17-02-20 to 31-03-20	01-04-20 to 31-03-21	01-04-21 to 31-01-23	01-02-23 to 07-02-23	08-02-23 to 31-03-23	01-04-23 to 30-04-23	01-05-23 to 06-06-23	07-06-23 to 31-10-23	01-11-23 to 31-03-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
G 1	Above 7000	4680	4680	4680	4680	4680	4680	4680	4680	4910	4910	4910	4910	6110	6110	6210	6310	6410	6510	6510
G 2	6701-7000	4480	4300	4300	4300	4300	4300	4480	4480	4700	4700	4700	4700	5900	5900	6000	6100	6200	6300	6300
G 3	6401-6700	4390	3900	3900	3900	3900	3900	4390	4390	4610	4610	4610	4610	5810	5810	5910	6010	6110	6210	6210
G 4	6101-6400	4340	3600	3600	3600	3600	3600	4340	4340	4560	4560	4560	4560	5760	5760	5860	5960	6060	6160	6160
G 5	5801-6100	4320	3320	3320	3320	3520	3520	3700	3700	3885	3885	3885	3885	5285	5285	5385	5485	5585	5685	5685
G 6	5501-5800	3328	3000	3000	3000	3200	3200	3600	3600	3780	3780	3780	3780	4830	5130	5230	5330	5430	5530	5530
G 7	5201-5500	2600	2600	2600	2600	2800	2800	3100	3100	3430	3430	3430	3430	4430	4730	4830	4930	5030	5130	5130
G 8	4901-5200	2580	2580	2580	2580	2600	2600	2900	2900	3130	3130	3130	3130	3430	4180	4280	4380	4480	4580	4580
G 9	4601-4900	2280	2280	2280	2280	2500	2500	2800	2800	3020	3020	3020	3020	2750	3820	3920	4020	4120	4220	4220
G 10	4301-4600	2130	2130	2130	2130	2340	2340	2660	2660	2880	2880	2880	2880	2610	3680	3780	3880	3980	4080	4080
G 11	4001-4300	1725	1725	1725	1725	1900	1900	2150	2150	2340	2340	2340	2340	2120	3140	3240	3340	3440	3540	3540
G 12	3701-4000	1395	1395	1395	1395	1500	1500	1900	1900	2080	2080	2080	2080	1850	2780	2880	2980	3080	3180	3180
G 13	3401-3700	1065	1065	1065	1065	1200	1200	1500	1500	1660	1660	1660	1660	1480	2360	2460	2560	2660	2760	2760
G 14	3101-3400	945	945	945	945	945	945	1300	1300	1520	1520	1520	1520	1300	2220	2320	2420	2520	2620	2620
G 15	2801-3100	795	795	795	795	795	795	1000	1000	1190	1190	970	970	1270	1620	1720	1820	1920	2020	2020
G 16	2501-2800	635	635	635	635	635	635	840	840	1010	1010	1010	920	1220	1570	1670	1770	1870	1970	1970
G 17	2201-2500	486	486	486	486	486	490	590	590	940	650	650	650	1130	1480	1580	1680	1780	1880	1880

Source : Information provided by SCCL, further details available in website.

NB : SCCL notified separate price of coal for Power Utilities and Non-Power Consumers from 11-09-2013.



07.

**Royalty,
DMF & NMET**



Section VII

7.1 Royalty, DMF and NMET

7.1.1 Statement 7.1 shows a total of ₹ 21933.47 crore of Royalty was deposited by the Coal companies in year 2023-24. Coal India Limited accounted for (73.39%) of the country's Royalty and share of SCCL was 13.22% from coal companies. It can also be seen that the public and private sector contributed 95.37% and 4.63%, respectively from coal companies.

Statement 7.1: Company Wise Payment of Royalty, DMF and NMET of coal companies in 2023-24 (in Cr)			
Company	Royalty	DMF	NMET
ECL	405.20	136.34	8.29
BCCL	1807.66	539.52	36.39
CCL	2120.22	637.18	45.24
NCL	2960.16	886.63	59.58
WCL	2355.45	689.93	46.00
SECL	3248.63	993.45	69.08
MCL	3183.53	929.74	61.93
NEC	16.84	5.05	0.34
CIL	16097.70	4817.84	326.84
SCCL	2900.00	702.00	20.00
Total Public	20918.42	5884.36	380.39
Total Private	1015.06	140.67	17.25
All India	21933.47	6025.03	397.64

7.1.2 From the Statement 7.2 The highest amount of Royalty was collected by Jharkhand (24.58%) followed by Odisha (17.70%), Chhattisgarh (15.94%), Maharashtra (15.04%), Telangana (13.24%) and Madhya Pradesh (10.58%). Together, these six states contributed 97.08% of the total share during the year 2023-24.

Statement 7.2: State wise Royalty, DMF and NMET of Coal Companies in 2023-24 (in Cr)			
State	Royalty	DMF	NMET
Assam	16.84	5.05	0.34
Chhattisgarh	3495.38	918.57	69.32
J & K	0.00	0.00	0.00
Jharkhand	5390.17	1629.01	111.03
Maharashtra	3299.53	906.33	67.68
Madhya Pradesh	2321.05	667.72	45.30
Odisha	3881.79	1010.79	71.13
Telangana	2904.23	702.00	20.00
Uttar Pradesh	606.12	180.34	12.49
West Bengal	18.36	5.23	0.36
All India	21933.47	6025.03	397.64

7.1.3 Statement 7.3 shows a total of ₹ 626.22 crore royalty was collected from Lignite companies in year 2023-24. NLCL represented the largest share in Lignite companies, comprising 60.66% of Royalty followed by GMDCL (16.44%) and BLMCL (14.13%), share during the year 2023-24.

Statement 7.3: Company Wise Payment of Royalty, DMF and NMET of Lignite companies in 2023-24 (in Cr)			
Company	Royalty	DMF	NMET
BLMCL	88.51	26.55	1.77
GIPCL	15.30	4.59	0.37
GMDCL	102.93	30.74	2.05
GPCL	15.34	4.60	0.31
NLCL	379.89	108.77	7.23
RSMML	18.75	5.63	0.38
Total Public	620.72	180.88	12.10
GHCL	0.48	0.14	0.01
VSLPPL	5.01	1.50	0.10
Total Private	5.49	1.65	0.11
All India	626.22	182.52	12.21

7.1.4 From the Statement 7.4 The highest Royalty, DMF & NMET by Tamil Nadu (54.91%) followed by Gujarat (21.41%) and Rajasthan (23.68%) share during the year 2023-24.

Statement 7.4: State wise Royalty, DMF and NMET of Lignite Companies in 2023-24 (in Cr)			
State	Royalty	DMF	NMET
Gujarat	134.06	40.07	2.74
Tamil Nadu	343.86	103.15	6.88
Rajasthan	148.29	39.30	2.60
All India	626.22	182.52	12.21

Table 7.1 : Company Wise Payment of Royalty, DMF, NMET and other Taxes during 2023-24 (Coal)

(Figure in Crore Rupees)

Company	Amount of Royalty Paid	Amount of DMF Paid	Amount of NMET Paid	Dividend	IGST	Corporate Income Tax	Cess On Coal Paid	Central GST Paid	State GST Paid	Entry Tax Paid on Coal	Total	Share (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECL	405.20	136.34	8.29	0.00	83.19	75.78	3445.21	57.61	57.61	0.00	4269.23	4.45%
BCCL	1807.66	539.52	36.39	0.00	3.66	0.00	1573.59	227.19	230.19	0.00	4418.20	4.60%
CCL	2120.22	637.18	45.24	1023.66	0.03	1358.81	3319.02	315.37	315.37	0.00	9134.91	9.52%
NCL	2960.16	886.63	59.58	4195.75	5.01	2786.30	5518.54	353.76	353.76	0.00	17119.49	17.84%
WCL	2355.45	689.93	46.00	0.00	2.11	0.00	2813.09	260.87	260.87	0.00	6428.33	6.70%
SECL	3248.63	993.45	69.08	0.00	0.00	2428.25	7172.00	440.77	440.77	0.00	14792.94	15.42%
MCL	3183.53	929.74	61.93	9000.00	0.00	4350.00	7879.50	378.00	378.00	0.00	26160.71	27.26%
NEC	16.84	5.05	0.34	0.00	5.95	0.00	6.71	4.01	4.01	0.00	42.91	0.04%
CIL	16097.70	4817.84	326.84	14219.41	99.95	10999.14	31727.65	2037.59	2040.59	0.00	82366.71	85.83%
SCCL	2900.00	702.00	20.00	173.00	0.00	0.00	0.00	279.00	279.00	0.00	4353.00	4.54%
JKML	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
DVC	17.46	4.99	0.35	0.00	0.00	0.00	34.46	2.09	2.09	0.00	61.44	0.06%
IISCO	6.25	1.88	0.13	0.00	1.69	0.00	2.78	0.74	0.90	0.00	14.36	0.01%
SAIL	12.50	3.75	0.25	0.00	0.00	0.00	0.00	1.12	1.12	2.25	20.99	0.02%
JSMDCL	8.57	2.57	0.17	0.00	0.74	0.00	13.50	1.63	1.63	0.00	28.81	0.03%
RRVUNL	83.49	8.35	1.67	0.00	0.00	0.00	268.03	0.00	0.00	0.00	361.55	0.38%
NTPC	521.28	126.29	10.43	0.00	9.41	47.20	828.96	79.89	79.89	0.00	1703.34	1.77%
WBPDCCL	299.88	89.84	5.99	0.00	131.40	84.40	558.18	75.65	77.93	0.00	1323.27	1.38%
CSPGCL	26.39	2.64	0.53	0.00	0.00	0.00	6.86	2.66	2.66	0.00	41.74	0.04%
TGGENCO	4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	4.61	0.00%
OCPL	169.11	13.25	2.65	0.00	1.34	68.30	331.39	75.71	75.71	0.00	737.46	0.77%
DPL	0.27	0.03	0.00	0.00	0.00	0.00	0.07	10.68	10.68	0.00	21.73	0.02%
NLCL_II&III	376.89	52.57	3.50	0.00	53.95	0.00	456.74	75.42	75.42	0.00	1094.50	1.14%
APMDCL	202.12	20.21	4.04	0.00	24.44	0.00	181.43	35.49	35.49	0.00	503.22	0.52%
PSPCL	94.65	28.39	1.89	0.00	45.29	0.00	169.52	22.65	22.65	0.00	385.03	0.40%
THDC	28.40	2.84	0.57	0.00	5.25	0.00	50.47	4.95	4.95	0.00	97.44	0.10%
KPCL	48.00	4.80	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.76	0.06%
NALCO	21.23	2.12	0.42	0.00	0.00	0.00	0.00	2.10	2.10	0.00	27.97	0.03%
Total Public	20918.42	5884.36	380.39	14392.41	373.48	11199.04	34630.07	2707.37	2713.18	2.25	93200.96	97.12%
TSL	262.70	78.27	5.22	0.00	0.00	4.65	151.32	360.57	360.57	0.00	1223.31	1.27%
CESC	0.41	0.04	0.01	0.00	0.00	0.00	34.67	17.01	17.01	0.00	69.16	0.07%
HIL	19.10	1.91	0.38	0.00	0.01	0.00	7.54	18.13	18.13	0.00	65.21	0.07%
SPL	130.78	21.09	3.77	0.00	0.00	0.00	0.00	25.41	25.41	0.00	206.46	0.22%
BALCO	12.72	1.27	0.25	0.00	0.00	0.00	0.00	25.94	25.94	0.00	66.13	0.07%
SIL	4.68	0.47	0.09	0.00	0.00	48.46	0.00	0.47	0.47	0.00	54.65	0.06%
JPVL	53.23	5.32	1.06	0.00	0.00	0.00	0.00	5.37	5.37	0.00	70.35	0.07%
JPL	330.96	12.06	2.41	0.00	0.00	0.00	6.45	29.79	29.79	0.00	411.46	0.43%
RCCPL	12.40	1.24	0.25	0.00	0.00	0.26	0.00	1.25	1.25	0.00	16.65	0.02%
TUML	0.50	0.05	0.01	0.00	0.00	0.01	0.45	0.00	0.05	0.00	1.07	0.00%
AMBUJA	17.52	1.95	0.39	0.00	3.39	0.00	5.24	32.80	32.80	0.00	94.11	0.10%
BSIL	2.19	0.20	0.04	0.00	0.00	0.06	1.71	0.46	0.46	0.00	5.12	0.01%
UTCL	9.34	0.93	0.19	0.00	0.00	0.00	1.99	0.00	1.72	0.00	14.16	0.01%
SEML	31.49	3.15	0.63	52.86	0.69	128.00	8.47	0.44	0.44	0.00	226.15	0.24%
Vedanta	33.39	3.34	0.67	0.00	0.00	0.00	0.00	3.37	3.37	0.00	44.13	0.05%
BSMPL	10.66	1.07	0.21	0.00	1.36	0.00	11.56	1.66	1.66	0.00	28.17	0.03%
JSPL	78.98	7.90	1.58	0.00	0.10	0.51	18.72	25.05	25.05	0.00	157.90	0.16%
AIPL	4.00	0.40	0.08	0.00	0.00	0.00	2.55	0.53	0.53	0.00	8.10	0.01%
Total Private	1015.06	140.67	17.25	52.86	5.55	181.96	250.66	548.26	550.02	0.00	2762.29	2.88%
All India	21933.47	6025.03	397.64	14445.27	379.02	11381.00	34880.73	3255.63	3263.20	2.25	95963.25	100.00%

Table 7.2 : State Wise Payment of Royalty, DMF, NMET and other Taxes during 2023-24 (Coal)

(Figure in Crore Rupees)

Company	Amount of Royalty Paid	Amount of DMF Paid	Amount of NMET Paid	Dividend	IGST	Corporate Income Tax	Cess On Coal Paid	Central GST Paid	State GST Paid	Entry Tax Paid on Coal	Total	Share (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Assam	16.84	5.05	0.34	0.00	5.95	0.00	6.71	4.01	4.01	0.00	42.91	0.04%
Chhattisgarh	3495.38	918.57	69.32	52.86	4.19	2556.25	7054.44	521.27	521.27	0.00	15193.54	15.83%
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
Jharkhand	5390.17	1629.01	111.03	1023.66	188.09	1565.97	7152.67	1093.48	1096.64	2.25	19252.96	20.06%
Maharashtra	3299.53	906.33	67.68	4195.75	31.75	2786.56	5475.21	419.32	421.04	0.00	17603.16	18.34%
Madhya Pradesh	2321.05	667.72	45.30	0.00	1.89	48.53	2719.74	248.03	248.08	0.00	6300.34	6.57%
Odisha	3881.79	1010.79	71.13	9000.00	55.29	4423.69	8667.64	552.60	552.60	0.00	28215.52	29.40%
Telangana	2904.23	702.00	20.00	173.00	0.00	0.00	0.00	279.00	279.38	0.00	4357.61	4.54%
Uttar Pradesh	606.12	180.34	12.49	0.00	4.54	0.00	850.17	76.73	76.73	0.00	1807.12	1.88%
West Bengal	18.36	5.23	0.36	0.00	87.32	0.00	2954.16	61.19	63.46	0.00	3190.08	3.32%
All India	21933.47	6025.03	397.64	14445.27	379.02	11381.00	34880.73	3255.63	3263.20	2.25	95963.25	100.00%

Share of State Wise Payment of Royalty, DMF, NMET and other Taxes during 2023-24 (Coal)

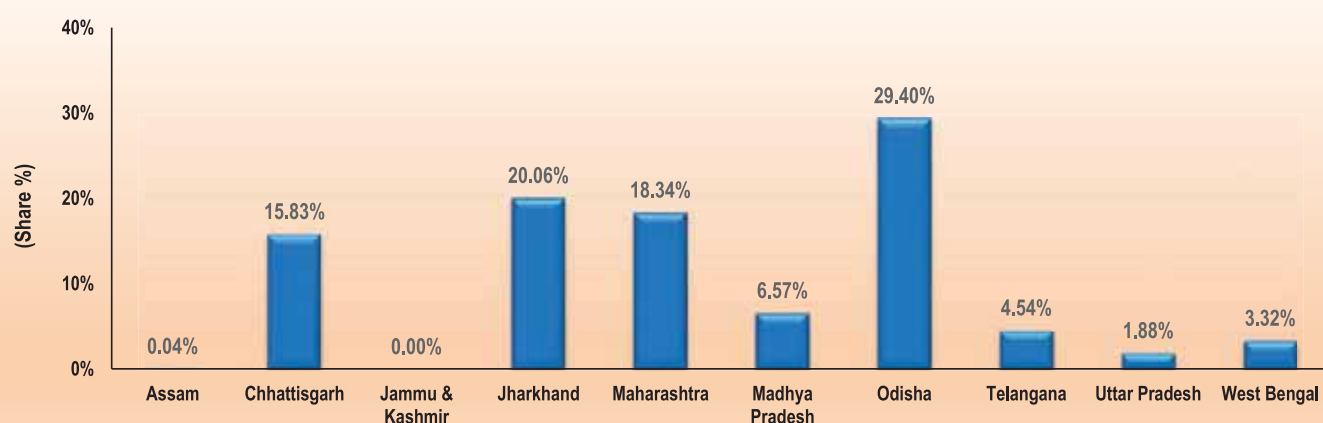


Table 7.3 : Company Type Wise Payment of Royalty, DMF, NMET and other Taxes during 2023-24 (Coal)

(Figure in Crore Rupees)

Type	Amount of Royalty Paid	Amount of DMF Paid	Amount of NMET Paid	Dividend	IGST	Corporate Income Tax	Cess On Coal Paid	Central GST Paid	State GST Paid	Entry Tax Paid on Coal	Total	Share (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Public Non Captive	19012.52	5524.29	347.14	14392.41	102.37	10999.14	31743.94	2318.96	2322.12	0.00	86762.88	90.41%
Public Captive	1905.89	360.07	33.26	0.00	271.10	199.90	2886.13	388.41	391.06	2.25	6438.08	6.71%
Total Public	20918.42	5884.36	380.39	14392.41	373.48	11199.04	34630.07	2707.37	2713.18	2.25	93200.96	97.12%
Private Non Captive	262.70	78.27	5.22	0.00	0.00	4.65	151.32	360.57	360.57	0.00	1223.31	1.27%
Private Captive	752.36	62.40	12.03	52.86	5.55	177.31	99.34	187.69	189.45	0.00	1538.98	1.60%
Total Private	1015.06	140.67	17.25	52.86	5.55	181.96	250.66	548.26	550.02	0.00	2762.29	2.88%
Total Non Captive	19275.22	5602.56	352.36	14392.41	102.37	11003.79	31895.26	2679.53	2682.69	0.00	87986.19	91.69%
Total Captive	2658.26	422.47	45.29	52.86	276.65	377.21	2985.47	576.10	580.52	2.25	7977.06	8.31%
Grand Total	21933.47	6025.03	397.64	14445.27	379.02	11381.00	34880.73	3255.63	3263.20	2.25	95963.25	100.00%

Table 7.4 : Company Wise Payment of Royalty, DMF, NMET and other Taxes during 2023-24 (Lignite)

(Figure in Crore Rupees)

Company	Amount of NMET Paid	Amount of DMF Paid	Amount of NMET Paid	Dividend	IGST	Corporate Income Tax	Cess On Coal Paid	Central GST Paid	State GST Paid	Entry Tax Paid on Coal	Total	Share (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
BLMCL	88.51	26.55	1.77	0.00	0.33	13.66	248.47	53.99	53.99	0.00	487.26	13.22%
GIPCL	15.30	4.59	0.37	0.00	0.00	0.05	0.00	1.38	1.38	0.00	23.07	0.63%
GMDCL	102.93	30.74	2.05	364.11	0.00	220.11	233.85	47.21	47.21	0.00	1048.21	28.44%
GPCL	15.34	4.60	0.31	70.31	0.00	31.64	68.56	10.71	10.71	0.00	212.17	5.76%
NLCL	379.89	108.77	7.23	384.38	0.04	538.00	90.94	48.26	48.73	0.00	1606.22	43.58%
RSMML	18.75	5.63	0.38	19.39	0.00	179.50	43.93	16.87	16.87	0.00	301.30	8.17%
Total Public	620.72	180.88	12.10	838.19	0.37	982.95	685.73	178.41	178.88	0.00	3678.23	99.79%
GHCL	0.48	0.14	0.01	0.00	0.00	0.00	0.01	0.06	0.06	0.00	0.76	0.02%
VSLPPL	5.01	1.50	0.10	0.00	0.00	0.10	0.15	0.02	0.02	0.00	6.90	0.19%
Total Private	5.49	1.65	0.11	0.00	0.00	0.10	0.17	0.08	0.08	0.00	7.66	0.21%
All India	626.22	182.52	12.21	838.19	0.37	983.05	685.90	178.48	178.95	0.00	3685.90	100.00%

Table 7.5 : State Wise Payment of Royalty, DMF, NMET and other Taxes during 2023-24 (Lignite)

(Figure in Crore Rupees)

Company	Amount of Royalty Paid	Amount of DMF Paid	Amount of NMET Paid	Dividend	IGST	Corporate Income Tax	Cess On Coal Paid	Central GST Paid	State GST Paid	Entry Tax Paid on Coal	Total	Share (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Gujarat	134.06	40.07	2.74	434.42	0.00	251.80	302.41	59.35	59.35	0.00	1284.21	34.84%
Tamilnadu	343.86	103.15	6.88	384.38	0.00	538.00	62.97	40.85	40.85	0.00	1520.94	41.26%
Rajasthan	148.29	39.30	2.60	19.39	0.37	193.26	320.52	78.28	78.75	0.00	880.75	23.90%
All India	626.22	182.52	12.21	838.19	0.37	983.05	685.90	178.48	178.95	0.00	3685.90	100.00%

Share of State Wise Payment of Royalty, DMF, NMET and other Taxes during 2023-24 (Lignite)

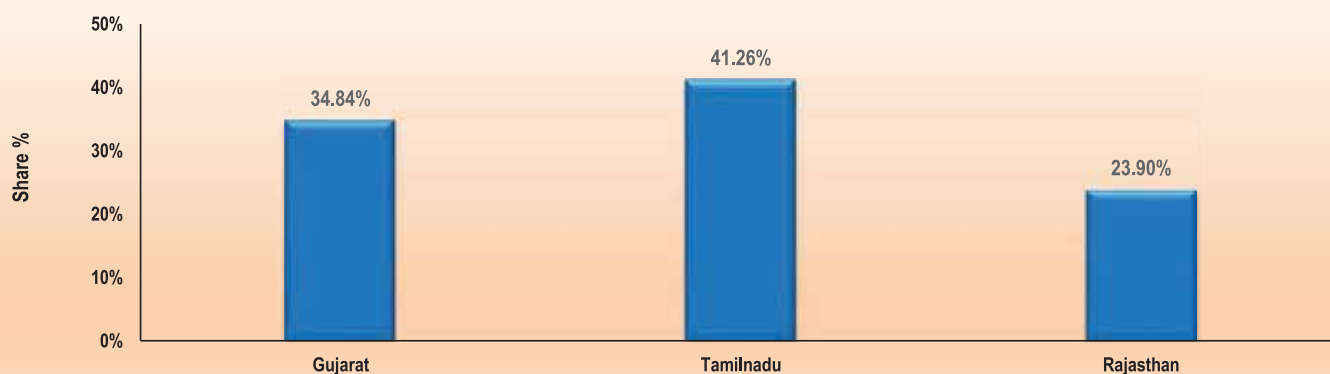


Table 7.6 : Company Type Wise Payment of Royalty, DMF, NMET and other Taxes during 2023-24 (Lignite)

(Figure in Crore Rupees)

Type	Amount of Royalty Paid	Amount of DMF Paid	Amount of NMET Paid	Dividend	IGST	Corporate Income Tax	Cess On Coal Paid	Central GST Paid	State GST Paid	Entry Tax Paid on Coal	Total	Share (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Public Non Captive	482.82	139.51	9.28	748.49	0.04	758.11	324.78	95.47	95.94	0.00	2654.43	72.02%
Public Captive	137.91	41.37	2.82	89.70	0.33	224.84	360.95	82.94	82.94	0.00	1023.80	27.78%
Total Public	620.72	180.88	12.10	838.19	0.37	982.95	685.73	178.41	178.88	0.00	3678.23	99.79%
Private Non Captive	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
Private Captive	5.49	1.65	0.11	0.00	0.00	0.10	0.17	0.08	0.08	0.00	7.66	0.21%
Total Private	5.49	1.65	0.11	0.00	0.00	0.10	0.17	0.08	0.08	0.00	7.66	0.21%
Total Non Captive	482.82	139.51	9.28	748.49	0.04	758.11	324.78	95.47	95.94	0.00	2654.43	72.02%
Total Captive	143.40	43.01	2.93	89.70	0.33	224.94	361.12	83.02	83.02	0.00	1031.47	27.98%
Grand Total	626.22	182.52	12.21	838.19	0.37	983.05	685.90	178.48	178.95	0.00	3685.90	100.00%

Table 7.7 : State Wise Payment of Royalty, DMF & NMET in India during last Three Years (CIL & Non-CIL)

(Figure in Crore Rupees)

State	Company Type	Royalty			DMF			NMET		
		2021-22	2022-23	2023-24	2021-22	2022-23	2023-24	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Assam	CIL		25.39	16.84		7.38	5.05		0.51	0.34
	Non-CIL			0.00			0.00			0.00
	Total	0.00	25.39	16.84	0.00	7.38	5.05	0.00	0.51	0.34
Chhattisgarh	CIL	2259.74	2921.37	2843.84	671.62	804.76	874.25	48.26	53.61	60.46
	Non-CIL	250.01	421.35	651.54	26.18	42.39	44.32	5.01	6.01	8.86
	Total	2509.75	3342.72	3495.38	697.80	847.15	918.57	53.27	59.62	69.32
J & K	CIL			0.00			0.00			0.00
	Non-CIL			0.00			0.00			0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jharkhand	CIL	3028.26	3811.68	4316.63	914.01	1120.54	1308.12	60.53	78.78	89.59
	Non-CIL	588.68	915.87	1073.54	173.41	274.27	320.89	11.78	18.32	21.44
	Total	3616.95	4727.55	5390.17	1087.42	1394.81	1629.01	72.30	97.10	111.03
Madhya Pradesh	CIL	2197.33	2587.86	2852.60	656.03	779.97	853.62	43.70	52.21	57.59
	Non-CIL	347.62	310.72	446.93	95.25	74.54	52.70	6.18	6.93	10.09
	Total	2544.95	2898.58	3299.53	751.29	854.51	906.33	49.88	59.14	67.68
Maharashtra	CIL	1662.89	1847.39	2261.68	498.87	554.22	661.80	33.26	36.95	44.12
	Non-CIL	40.86	43.32	59.37	4.04	4.25	5.92	0.82	0.83	1.18
	Total	1703.76	1890.72	2321.05	502.92	558.47	667.72	34.08	37.78	45.30
Odisha	CIL	2390.46	3607.86	3183.53	716.54	1086.25	929.74	47.62	71.68	61.93
	Non-CIL	313.85	530.02	698.26	39.68	77.04	81.05	4.64	8.87	9.20
	Total	2704.31	4137.88	3881.79	756.21	1163.29	1010.79	52.26	80.55	71.13
Telangana	CIL			0.00			0.00			0.00
	Non-CIL	351.50	4845.66	2904.23	140.00	230.48	702.00		2.37	20.00
	Total	351.50	4845.66	2904.23	140.00	230.48	702.00	0.00	2.37	20.00
Uttar Pradesh	CIL	475.24	583.87	606.12	157.79	177.42	180.34	10.52	11.62	12.49
	Non-CIL			0.00			0.00			0.00
	Total	475.24	583.87	606.12	157.79	177.42	180.34	10.52	11.62	12.49
West Bengal	CIL	15.66	16.30	16.45	4.70	4.89	4.92	0.31	0.32	0.33
	Non-CIL	1.21	1.86	1.91	0.10	0.29	0.31	0.02	0.04	0.03
	Total	16.87	18.16	18.36	4.80	5.18	5.23	0.33	0.36	0.36
All India	CIL	12029.58	15401.71	16097.70	3619.57	4535.42	4817.84	244.20	305.68	326.84
	Non-CIL	1893.73	7068.80	5835.78	478.67	703.25	1207.19	28.45	43.36	70.80
	Total	13923.31	22470.52	21933.47	4098.23	5238.67	6025.03	272.64	349.04	397.64

08.

Import & Export



Section VIII

8.1 Import & Export

8.1.1 In spite of sufficient coal reserve, we have not been able to meet our demand from our own production. Moreover, the supply of high quality coal (low-ash coal) in the country has been more limited than the low quality coal. Therefore, to bridge the demand-supply gap, we have no option but to resort to import of coal, especially low-ash coal.

8.1.2 As per our Import Policy 1993-94, coal has been put under Open General License (OGL) and therefore consumers are free to import coal based on their requirement. Superior quality non-coking coal is imported mainly by coast-based power plants and other industrial users viz., paper, sponge iron, cements and captive power plants, on consideration of transport logistics, commercial prudence, export entitlements and inadequate availability of such superior coal from indigenous sources.

8.1.3 In 2023-24, import of coal by India was 260.953 MT against import of 237.668 MT in 2022-23, thus import increased by 9.8% over 2022-23. Import of coal, both in quantity and value is shown in Statement 8.1 below.

Statement 8.1: Import of Coal to India in 2023-24		
Type of Coal	Quantity [MT]	Value [Rs. Million]
Coking	58.118	1321505
Non-Coking	202.835	1741752
Total	260.953	3063257

It may be seen that the share of coking coal in the total quantity was 22.27% but it accounted for 43.14% of the total value of import

8.1.4 Statement 8.2 shows country wise import of coal in India in 2023-24. It can be seen that Indonesia with 44.34% share remained the leading supplier followed by Australia 16.75% and South Africa 10.91%. These three countries together accounted for 72% share in the country's import.

Statement 8.2: Source Country Wise Import of Coal by India during 2023-24		
Country	Quantity [MT]	Share %
Indonesia	115.711	44.34%
Australia	43.698	16.75%
South Africa	28.473	10.91%
Russia	22.881	8.77%
U S A	21.223	8.13%
Singapore	10.072	3.86%
Mozambique	8.715	3.34%
Canada	3.170	1.21%
Switzerland	3.033	1.16%
U Arab Emts	2.211	0.85%
Other	1.766	0.68%
Total	260.953	100.00%

8.1.5 The break-up of source country wise import for coking and non-coking coal during 2023-24 is given in statement 8.3 and statement 8.4 respectively.

Statement 8.3: Source Country Wise Import of Coking Coal by India during 2023-24		
Country	Quantity [MT]	Share %
Australia	29.599	50.93%
U S A	8.451	14.54%
Singapore	5.389	9.27%
Russia	5.257	9.05%
Canada	3.170	5.45%
Mozambique	2.240	3.85%
Indonesia	2.101	3.62%
Switzerland	0.824	1.42%
U Arab Emts	0.626	1.08%
New Zealand	0.221	0.38%
Other	0.240	0.41%
Total	58.118	100.00%

Statement 8.4: Source Country Wise Import of Non-Coking Coal to India during 2023-24

Country	Quantity [MT]	Share %
Indonesia	113.610	56.01%
South Africa	28.473	14.04%
Russia	17.624	8.69%
Australia	14.099	6.95%
U S A	12.772	6.30%
Mozambique	6.475	3.19%
Singapore	4.683	2.31%
Switzerland	2.209	1.09%
U Arab Emts	1.586	0.78%
Hong Kong	0.234	0.12%
Other	1.070	0.53%
Total	202.835	100.00%

8.1.7 Export of Coal: Although, there is short supply of coal in India compared to its demand and it has to resort to import of coal, India does export some quantity of coal to its neighbouring countries. In 2023-24 the export of coal was 1.376 MT (statement 8.6) and mainly exported to Nepal and Bangladesh, having respective shares of 73.17% and 7.95%. Out of the export, quantity of coking coal was 0.081 MT.

Statement 8.6: Export of Coal from India by destination countries during 2023-24

Country	Quantity [MT]	Share %
Nepal	1.007	73.17%
Bangladesh Pr	0.109	7.95%
U Arab Emts	0.104	7.60%
Oman	0.086	6.22%
Bhutan	0.056	4.07%
Other	0.014	0.99%
Total	1.376	100.00%

8.1.6 Demand of coal of the country and its production vis-à-vis import during the last five years are given in statement 8.5.

Statement 8.5: Demand, Production and Import of Coal in India in last five years [MT]

Year	Demand *	Production	Import
2018-19	991.350	728.718	235.348
2019-20	1000.00	730.874	248.537
2020-21	1085.00	716.083	215.251
2021-22	1142.00	778.210	208.627
2022-23	1087.00	893.191	237.668
2023-24	1196.60	997.826	260.953

* Source: Annual Plan, MOC

Chart VIII-I : Share of Import of Coal from top Ten Countries to India in 2023-24

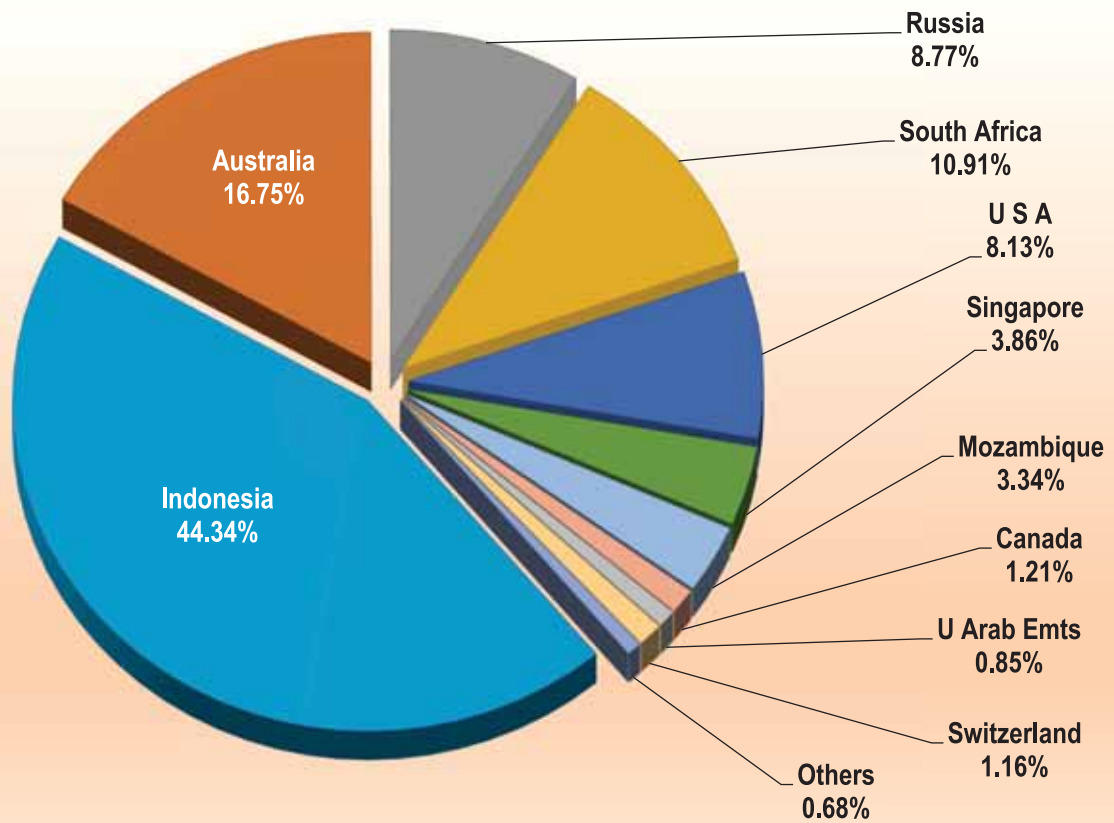


Chart VIII-II : Share of Country Wise Export of Coal from India in 2023-24

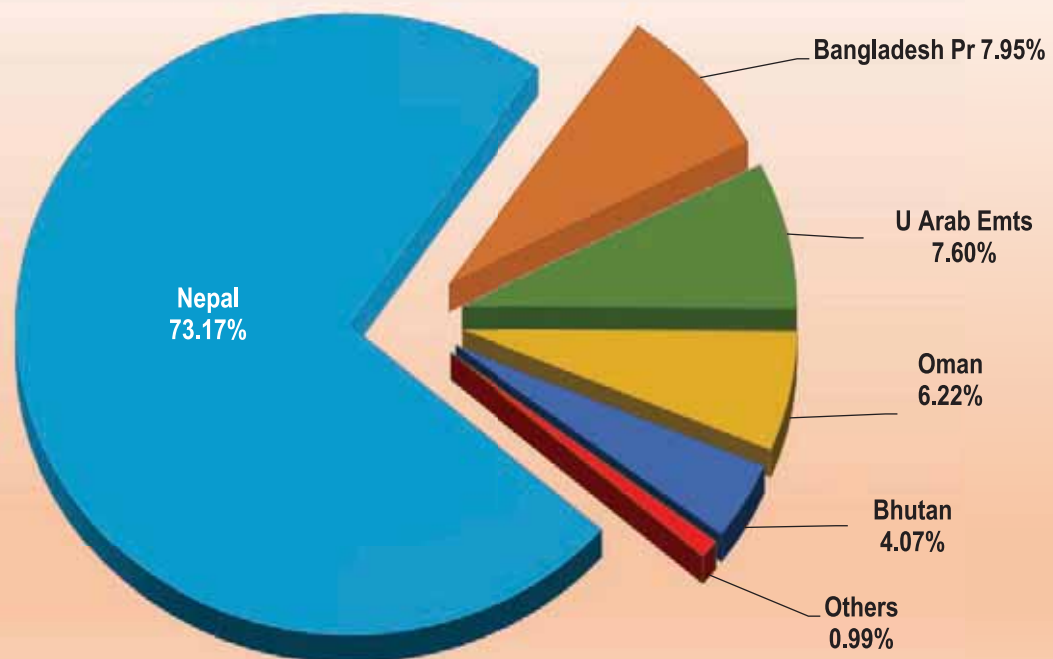


Chart VIII-III : Share of Top Ten Port Wise Import Coal to India in 2023-24

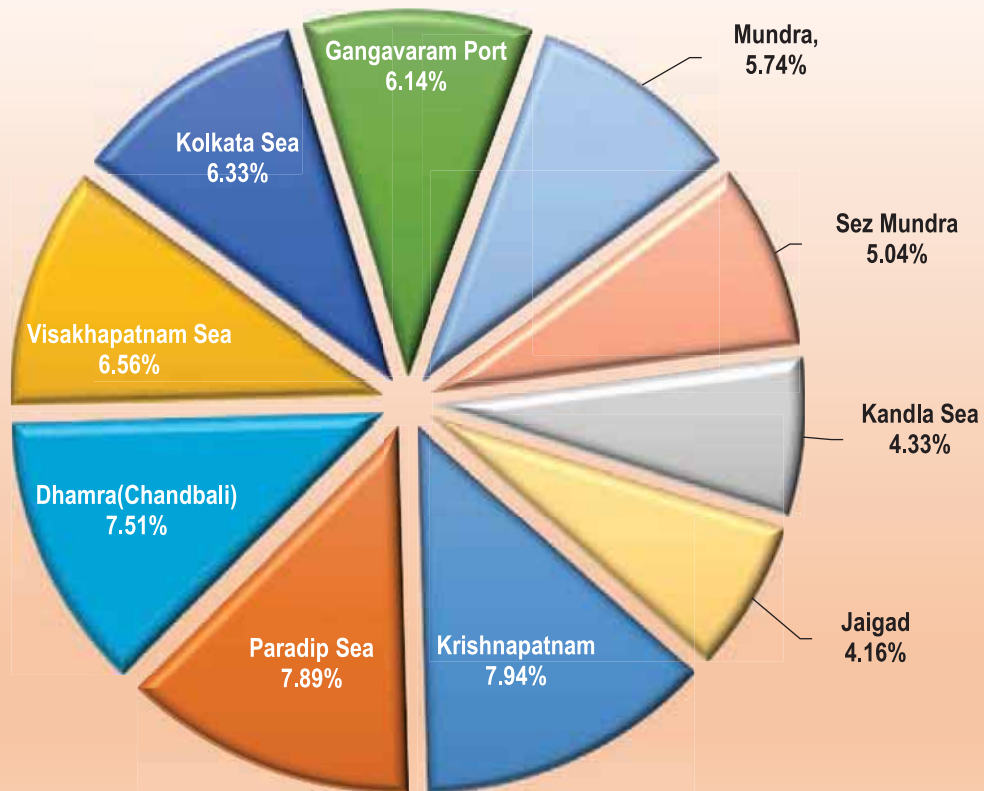


Chart VIII-IV : Share of Top Ten Port Wise Export of Coal from India in 2023-24

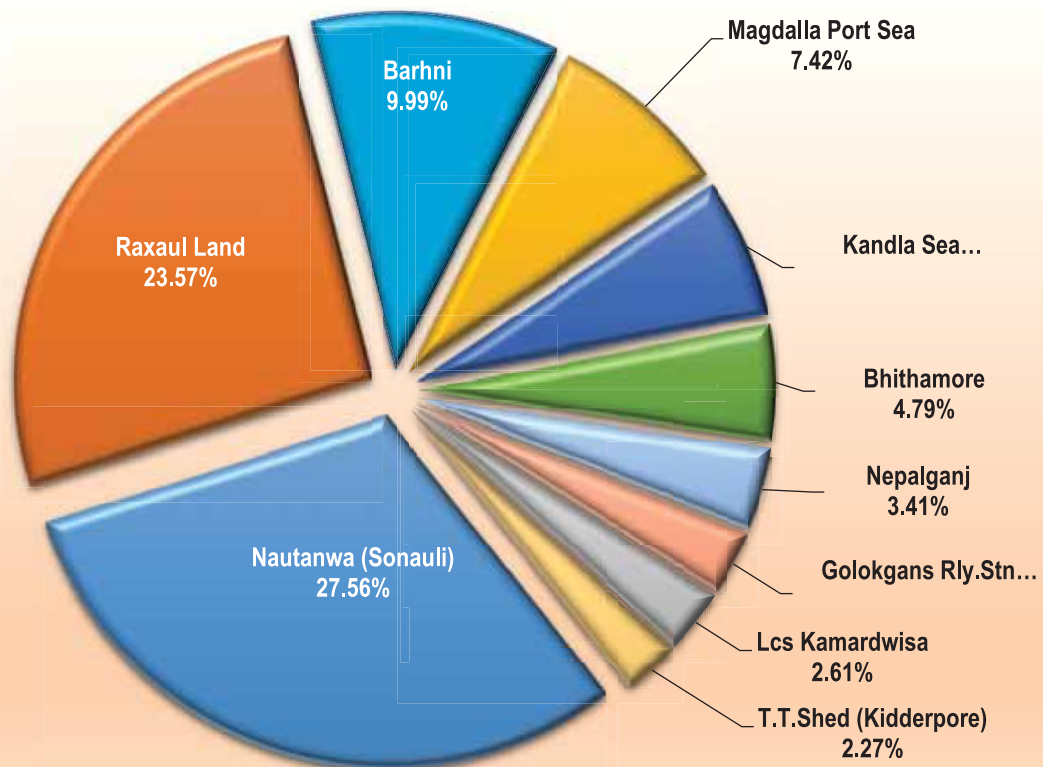
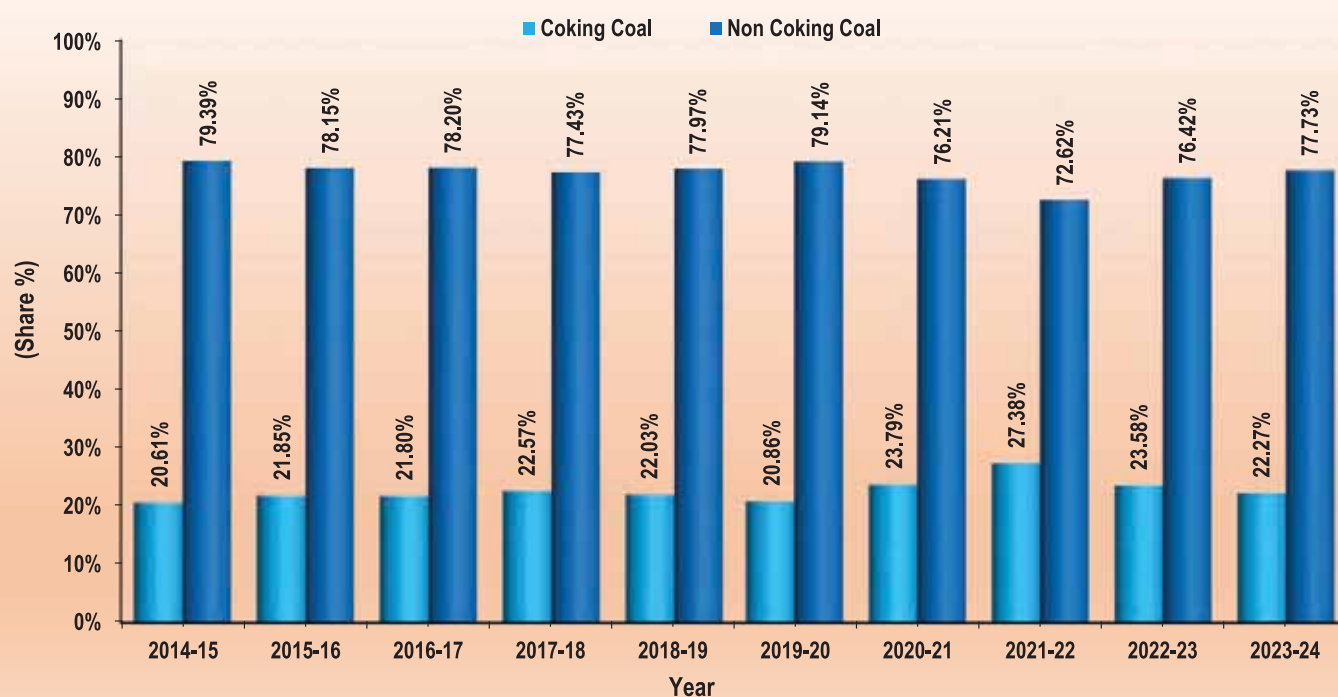


Table 8.1 : Year Wise Import of Coal, Coke & Other Coal Products to India during last Ten Years

(Qty. in MT & Value in Million Rs. & US \$)

Year	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2014-15	43,715	337655.59	5522.77	168,388	707585.71	11559.46	212,103	1045241.30	17082.23	4,171	67994.89	1122.14
Growth %	▲ 18.6%	▼ 3.1%	▼ 3.9%	▲ 29.5%	▲ 23.1%	▲ 21.2%	▲ 27.1%	▲ 13.2%	▲ 11.8%	▲ 35.4%	▲ 19.5%	▲ 7.5%
2015-16	44,561	282519.09	4329.92	159,388	577818.53	8836.58	203,949	860337.62	13166.50	3,294	43806.15	720.05
Growth %	▲ 1.9%	▼ 16.3%	▼ 21.6%	▼ 5.3%	▼ 18.3%	▼ 23.6%	▼ 3.8%	▼ 17.7%	▼ 22.9%	▼ 21.0%	▼ 35.6%	▼ 35.8%
2016-17	41,644	412300.61	6138.37	149,365	590772.69	8809.64	191,009	1003073.30	14948.01	3,072	32683.54	500.87
Growth %	▼ 6.5%	▲ 45.9%	▲ 41.8%	▼ 6.3%	▲ 2.2%	▼ 0.3%	▼ 6.3%	▲ 16.6%	▲ 13.5%	▼ 6.7%	▼ 25.4%	▼ 30.4%
2017-18	47,003	595226.36	9231.96	161,245	789543.41	12247.55	208,249	1384769.77	21479.51	4,356	54019.35	805.55
Growth %	▲ 12.9%	▲ 44.4%	▲ 50.4%	▲ 8.0%	▲ 33.6%	▲ 39.0%	▲ 9.0%	▲ 38.1%	▲ 43.7%	▲ 41.8%	▲ 65.3%	▲ 60.8%
2018-19	51,838	720497.64	10341.90	183,510	988707.26	14171.33	235,348	1709204.90	24513.22	4,585	91524.74	1419.92
Growth %	▲ 10.3%	▲ 21.0%	▲ 12.0%	▲ 13.8%	▲ 25.2%	▲ 15.7%	▲ 13.0%	▲ 23.4%	▲ 14.1%	▲ 5.3%	▲ 69.4%	▲ 76.3%
2019-20	51,833	612668.32	8592.55	196,704	914652.23	12794.73	248,537	1527320.55	21387.28	4,931	120644.85	1730.61
Growth %	▼ 0.0%	▼ 15.0%	▼ 16.9%	▲ 7.2%	▼ 7.5%	▼ 9.7%	▲ 5.6%	▼ 10.6%	▼ 12.8%	▲ 7.6%	▲ 31.8%	▲ 21.9%
2020-21	51,198	453552.10	6125.98	164,054	706688.44	9539.41	215,251	1160240.54	15665.39	2,457	44688.59	603.62
Growth %	▼ 1.2%	▼ 26.0%	▼ 28.7%	▼ 16.6%	▼ 22.7%	▼ 25.4%	▼ 13.4%	▼ 24.0%	▼ 26.8%	▼ 50.2%	▼ 63.0%	▼ 65.1%
2021-22	57,123	1027908.35	13757.08	151,504	1259932.89	16871.79	208,627	2287841.24	30628.87	2,506	81031.26	1084.33
Growth %	▲ 11.6%	▲ 126.6%	▲ 124.6%	▼ 7.6%	▲ 78.3%	▲ 76.9%	▼ 3.1%	▲ 97.2%	▲ 95.5%	▲ 2.0%	▲ 81.3%	▲ 79.6%
2022-23	56,053	1538399.74	19285.76	181,615	2297444.02	28749.17	237,668	3835843.76	48034.94	3,632	135750.18	1688.18
Growth %	▼ 1.9%	▲ 49.7%	▲ 40.2%	▲ 19.9%	▲ 82.3%	▲ 70.4%	▲ 13.92%	▲ 67.7%	▲ 56.8%	▲ 44.9%	▲ 67.5%	▲ 55.7%
2023-24	58,118	1321505.47	15947.61	202,835	1741751.52	21021.03	260,953	3063257.00	36968.65	3,959	114746.92	1385.28
Growth %	▲ 3.7%	▼ 14.1%	▼ 17.3%	▲ 11.7%	▼ 24.2%	▼ 26.9%	▲ 9.80%	▼ 20.1%	▼ 23.0%	▲ 9.0%	▼ 15.5%	▼ 17.9%

Year Wise Share of Coking & Non Coking Coal Import to India during last Ten Years


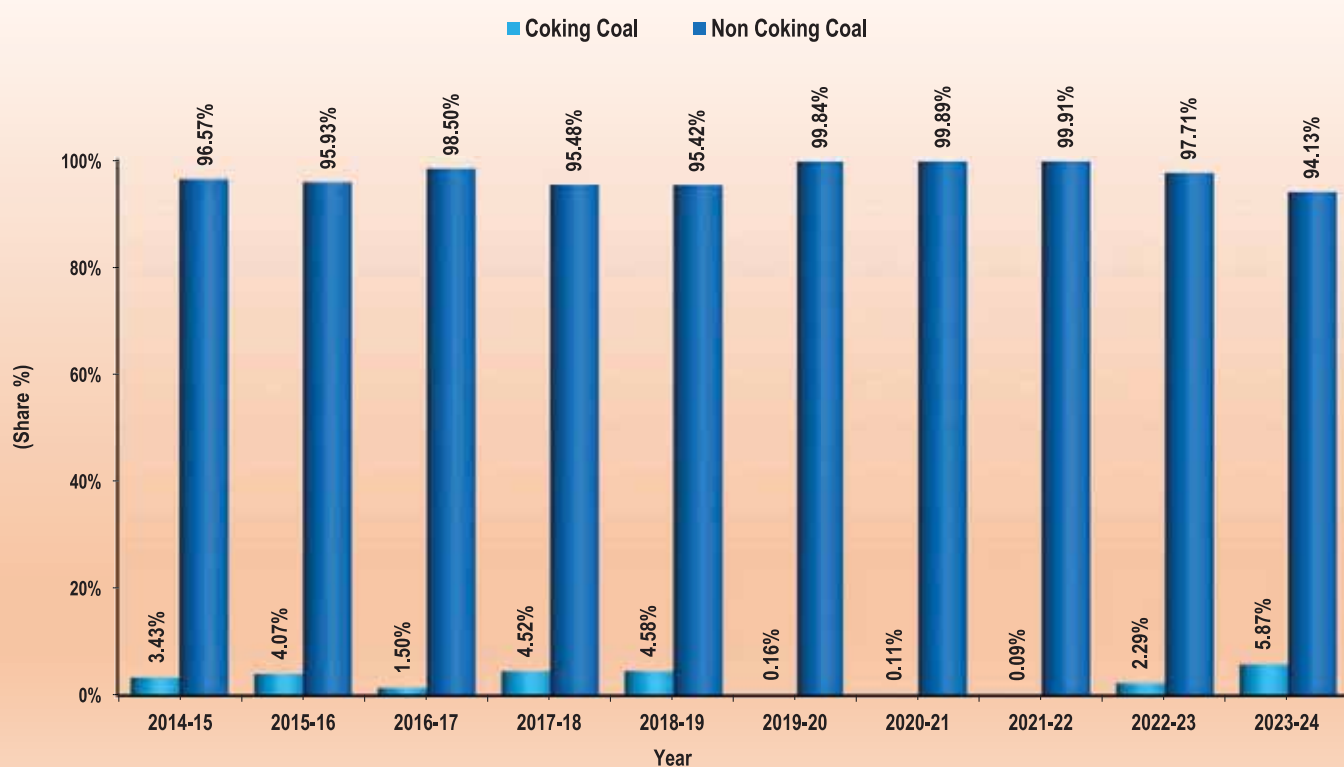
Source: DGCI & S, Kolkata

Table 8.2 : Year Wise Export of Coal, Coke & Other Coal Products from India during last Ten Years

(Qty. in MT & Value in Million Rs. & US \$)

Year	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2014-15	0.042	413.03	6.72	1.196	6784.24	110.37	1.238	7197.27	117.09	0.102	1140.32	18.76
Growth %	▲ 429.9%	▲ 1082.0%	▲ 996.8%	▼ 45.2%	▼ 37.2%	▼ 39.0%	▼ 43.4%	▼ 33.6%	▼ 35.5%	▼ 33.7%	▼ 25.0%	▼ 26.8%
2015-16	0.064	650.37	10.36	1.511	8348.06	127.30	1.575	8998.43	137.66	0.149	1493.51	22.67
Growth %	▲ 50.8%	▲ 57.5%	▲ 54.2%	▲ 26.4%	▲ 23.1%	▲ 15.3%	▲ 27.2%	▲ 25.0%	▲ 17.6%	▲ 45.7%	▲ 31.0%	▲ 20.9%
2016-17	0.027	114.53	1.68	1.746	9554.72	142.49	1.773	9669.25	144.18	0.089	1063.43	15.83
Growth %	▼ 58.4%	▼ 82.4%	▼ 83.8%	▲ 15.5%	▲ 14.5%	▲ 11.9%	▲ 12.5%	▲ 7.5%	▲ 4.7%	▼ 40.3%	▼ 28.8%	▼ 30.2%
2017-18	0.068	394.41	6.13	1.436	8388.62	130.34	1.504	8783.03	136.47	0.107	1726.21	26.80
Growth %	▲ 154.8%	▲ 244.4%	▲ 264.6%	▼ 17.8%	▼ 12.2%	▼ 8.5%	▼ 15.2%	▼ 9.2%	▼ 5.3%	▲ 20.9%	▲ 62.3%	▲ 69.3%
2018-19	0.060	911.89	12.86	1.247	8587.98	123.80	1.306	9499.86	136.66	0.025	228.09	3.28
Growth %	▼ 12.0%	▲ 131.2%	▲ 109.6%	▼ 13.2%	▲ 2.4%	▼ 5.0%	▼ 13.1%	▲ 8.2%	▲ 0.1%	▼ 76.8%	▼ 86.8%	▼ 87.7%
2019-20	0.002	13.43	0.19	1.028	5818.65	80.98	1.030	5832.07	81.17	0.022	224.42	3.13
Growth %	▼ 97.3%	▼ 98.5%	▼ 98.5%	▼ 17.5%	▼ 32.2%	▼ 34.6%	▼ 21.2%	▼ 38.6%	▼ 40.6%	▼ 11.7%	▼ 1.6%	▼ 4.6%
2020-21	0.003	23.09	0.31	2.942	5712.93	77.42	2.945	5736.03	77.73	0.025	311.91	4.23
Growth %	▲ 94.7%	▲ 72.0%	▲ 66.2%	▲ 186.2%	▼ 1.8%	▼ 4.4%	▲ 186.0%	▼ 1.6%	▼ 4.2%	▲ 15.1%	▲ 39.0%	▲ 35.1%
2021-22	0.001	7.37	0.10	1.315	11224.64	149.69	1.316	11232.01	149.79	0.503	16148.01	215.27
Growth %	▼ 61.9%	▼ 68.1%	▼ 68.1%	▼ 55.3%	▲ 96.5%	▲ 93.4%	▼ 55.3%	▲ 95.8%	▲ 92.7%	▲ 1887.9%	▲ 5077.1%	▲ 4985.7%
2022-23	0.027	770.19	9.35	1.139	14231.26	176.91	1.166	15001.45	186.26	0.034	702.81	8.71
Growth %	▲ 2087.1%	▲ 10348.5%	▲ 9245.8%	▼ 13.3%	▲ 26.8%	▲ 18.2%	▼ 11.4%	▲ 33.6%	▲ 24.3%	▼ 93.2%	▼ 95.6%	▼ 96.0%
2023-24	0.081	2314.15	27.95	1.295	12577.23	151.74	1.376	14891.39	179.69	0.137	3830.59	46.20
Growth %	▲ 202.3%	▲ 200.5%	▲ 199.0%	▲ 13.7%	▼ 11.6%	▼ 14.2%	▲ 18.0%	▼ 0.7%	▼ 3.5%	▲ 299.8%	▲ 445.0%	▲ 430.4%

Year Wise Share of Coking & Non Coking Coal Export from India during last Ten Years



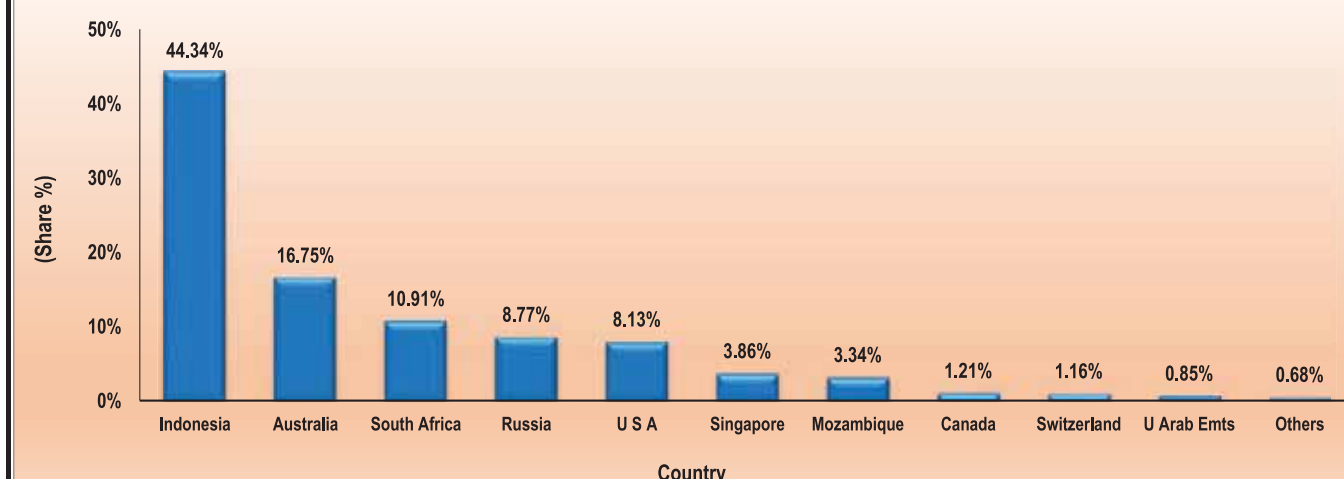
Source: DGCI & S, Kolkata

Table 8.3 : Source Country Wise Import of Coal, Coke & Other Coal Products to India during 2023-24

(Qty. in MT & Value in Million Rs. & US \$)

Country	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Australia	29.599	698908.763	8436.043	14.099	185387.011	2238.088	43.698	884295.774	10674.131	0.152	4471.708	53.853
Baharain Is				0.002	31.080	0.376	0.002	31.080	0.376	0.001	18.323	0.221
Bhutan							0.000	0.000	0.000	0.000	1.537	0.018
Canada	3.170	74163.664	895.202	0.000	0.006	0.000	3.170	74163.670	895.202			
Chile							0.000	0.000	0.000	0.023	454.409	5.470
China P Rp				0.091	1912.179	23.115	0.091	1912.179	23.115	0.564	14196.128	171.688
Colombia	0.012	204.848	2.459	0.165	1425.042	17.177	0.177	1629.890	19.636	0.462	11289.800	136.310
Estonia							0.000	0.000	0.000	0.000	7.445	0.090
Finland							0.000	0.000	0.000	0.000	1.433	0.017
Germany				0.038	297.344	3.572	0.038	297.344	3.572	0.000	1.956	0.024
Hong Kong				0.234	3157.084	38.046	0.234	3157.084	38.046			
Indonesia	2.101	43797.612	528.092	113.610	761029.820	9181.125	115.711	804827.432	9709.217	0.619	18387.728	221.523
Italy							0.000	0.000	0.000	0.000	1.840	0.022
Japan							0.000	0.000	0.000	0.242	7205.385	87.205
Kazakhstan				0.077	953.355	11.487	0.077	953.355	11.487			
Latvia							0.000	0.000	0.000	0.011	230.879	2.797
Lithuania							0.000	0.000	0.000	0.002	40.014	0.483
Malaysia							0.000	0.000	0.000	0.000	3.835	0.046
Mozambique	2.240	45958.535	554.316	6.475	58893.074	711.167	8.715	104851.609	1265.484			
Netherland	0.085	2060.003	24.820	0.079	550.528	6.614	0.164	2610.530	31.434	0.000	2.145	0.026
New Zealand	0.221	3962.816	47.852	0.000	0.002	0.000	0.221	3962.818	47.852			
Oman				0.001	8.012	0.096	0.001	8.012	0.096	0.017	617.517	7.443
Peru				0.027	580.522	7.066	0.027	580.522	7.066	0.006	149.309	1.810
Philippines				0.076	546.892	6.565	0.076	546.892	6.565			
Poland	0.011	195.500	2.380				0.011	195.500	2.380	0.861	29148.165	352.155
Qatar							0.000	0.000	0.000	0.002	32.526	0.393
Russia	5.257	86710.990	1046.289	17.624	214553.881	2591.093	22.881	301264.870	3637.382	0.222	7099.207	85.779
Saudi Arab							0.000	0.000	0.000	0.000	0.606	0.007
Singapore	5.389	135708.233	1636.877	4.683	49944.008	602.883	10.072	185652.241	2239.759	0.298	8390.435	101.264
South Africa				28.473	271503.494	3276.797	28.473	271503.494	3276.797	0.001	14.487	0.174
Spain				0.164	1497.302	18.201	0.164	1497.302	18.201			
Switzerland	0.824	17209.791	208.190	2.209	18696.658	225.541	3.033	35906.449	433.731	0.387	11352.759	136.856
Taiwan				0.030	204.513	2.470	0.030	204.513	2.470			
Tanzania Rep				0.222	2410.281	29.068	0.222	2410.281	29.068			
Thailand							0.000	0.000	0.000	0.000	0.014	0.000
Turkey				0.007	233.469	2.814	0.007	233.469	2.814			
U Arab Emts	0.626	13377.309	161.215	1.586	19328.281	233.593	2.211	32705.590	394.808	0.065	1353.785	16.312
U K	0.054	1296.417	15.567	0.089	953.677	11.461	0.143	2250.094	27.028	0.001	30.572	0.370
U S A	8.451	196341.382	2368.938	12.772	147642.813	1782.484	21.223	343984.194	4151.422	0.020	239.665	2.886
Ukraine	0.079	1609.612	19.374				0.079	1609.612	19.374			
Uzbekistan				0.000	0.000	0.000	0.000	0.000	0.000			
Vietnam Soc Rep				0.000	11.195	0.135	0.000	11.195	0.135			
Unspecified							0.000	0.000	0.000	0.000	3.304	0.040
Total	58.118	1321505.472	15947.614	202.835	1741751.524	21021.034	260.953	3063256.997	36968.648	3.959	114746.915	1385.284

Share of Imported Coal Source Country Wise (Top Ten) to India during 2023-24



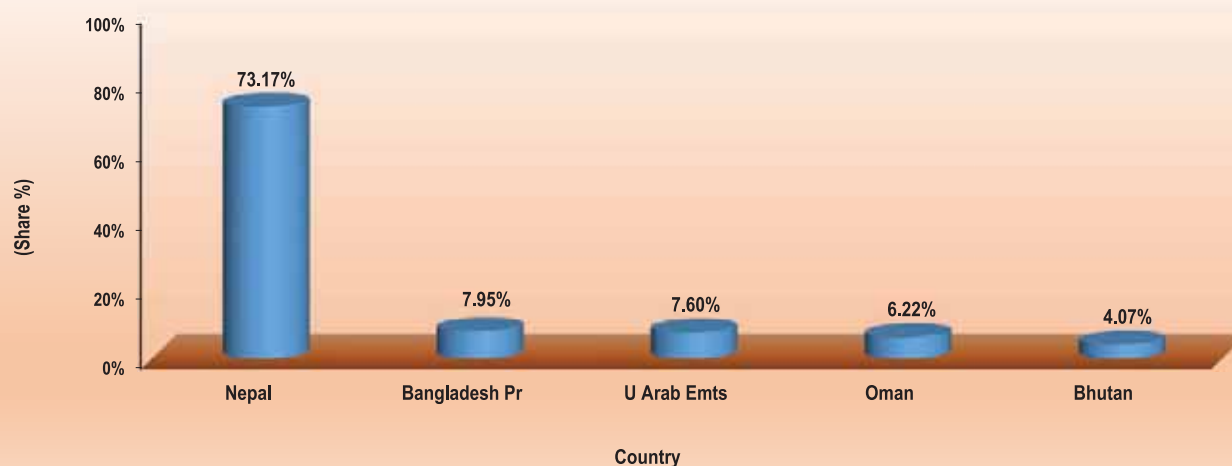
Source: DGCI & S, Kolkata

Table 8.4 : Destination Country Wise Export of Coal, Coke & other Coal Products from India during 2023-24

(Qty. in MT & Value in Million Rs. & US \$)

Country	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Algeria				0.001	24.72	0.30	0.001	24.72	0.30			
Angola				0.000	1.62	0.02	0.000	1.62	0.02			
Australia							0.000	0.00	0.00	0.02178	843.72	10.14
Azerbaijan							0.000	0.00	0.00			
Baharain Is				0.000	2.13	0.03	0.000	2.13	0.03			
Bangladesh Pr	0.001	7.85	0.09	0.108	1040.40	12.52	0.109	1048.25	12.62	0.02356	452.71	5.47
Bhutan				0.056	713.52	8.60	0.056	713.52	8.60	0.07960	2267.34	27.36
Brunei				0.000	0.63	0.01	0.000	0.63	0.01			
Canada							0.000	0.00	0.00	0.00000	0.00	0.00
Colombia							0.000	0.00	0.00			
Egypt A Rp							0.000	0.00	0.00			
France				0.000	8.99	0.11	0.000	8.99	0.11			
Germany				0.003	233.46	2.83	0.003	233.46	2.83			
Ghana				0.000	1.39	0.02	0.000	1.39	0.02			
Indonesia				0.000	11.41	0.14	0.000	11.41	0.14	0.00027	10.97	0.13
Israel				0.000	0.02	0.00	0.000	0.02	0.00			
Italy				0.004	77.31	0.93	0.004	77.31	0.93			
Japan				0.000	1.36	0.02	0.000	1.36	0.02	0.00008	3.69	0.04
Jordan				0.000	0.68	0.01	0.000	0.68	0.01	0.00040	17.61	0.21
Kenya				0.000	0.19	0.00	0.000	0.19	0.00	0.00000	0.00	0.00
Korea Rp							0.000	0.00	0.00	0.00000	0.01	0.00
Kuwait				0.000	1.57	0.02	0.000	1.57	0.02			
Malaysia				0.000	7.79	0.09	0.000	7.79	0.09			
Maldives				0.000	0.13	0.00	0.000	0.13	0.00			
Mauritius				0.000	0.67	0.01	0.000	0.67	0.01			
Mexico				0.000	8.76	0.11	0.000	8.76	0.11			
Mongolia				0.000	0.30	0.00	0.000	0.30	0.00			
Morocco				0.001	8.38	0.10	0.001	8.38	0.10			
Myanmar							0.000	0.00	0.00	0.00002	0.93	0.01
Nepal	0.001	5.28	0.06	1.006	9223.07	111.34	1.007	9228.36	111.41	0.00992	161.43	1.95
Netherland				0.000	10.20	0.12	0.000	10.20	0.12	0.00000	0.00	0.00
Nigeria				0.000	0.56	0.01	0.000	0.56	0.01	0.00066	18.01	0.22
Norway				0.000	0.20	0.00	0.000	0.20	0.00			
Oman	0.079	2301.02	27.79	0.006	140.25	1.69	0.086	2441.27	29.48			
Philippines							0.000	0.00	0.00			
Poland							0.000	0.00	0.00			
Qatar				0.000	2.50	0.03	0.000	2.50	0.03	0.00035	15.31	0.18
Russia							0.000	0.00	0.00			
Saudi Arab				0.002	96.96	1.17	0.002	96.96	1.17	0.00003	1.16	0.01
South Africa				0.000	0.00	0.00	0.000	0.00	0.00			
Sri Lanka Dsr				0.000	1.13	0.01	0.000	1.13	0.01	0.00031	26.01	0.31
Tanzania Rep							0.000	0.00	0.00	0.00005	3.51	0.04
Thailand				0.002	58.53	0.71	0.002	58.53	0.71			
Togo				0.000	0.01	0.00	0.000	0.01	0.00			
Turkey				0.000	0.00	0.00	0.000	0.00	0.00			
U Arab Emnts				0.104	895.41	10.76	0.104	895.41	10.76	0.00025	8.18	0.10
U K				0.000	2.99	0.04	0.000	2.99	0.04			
Total	0.081	2314.152	27.948	1.295	12577.234	151.744	1.376	14891.385	179.692	0.137	3830.591	46.198

Share of Destination Country Wise (Top Five) Export of Coal from India during 2023-24



Source: DGCI & S, Kolkata

Table 8.5 : Port Wise Import of Coal, Coke & Other Coal Products to India during 2023-24

(Qty. in MT & Value in Million Rs. & US \$)

Port	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Adani Icd Kila Raipur Ludhiana				0.000	1.59	0.02	0.000	1.59	0.02			
Adani Power Ltd Godda				2.786	28035.46	339.38	2.786	28035.46	339.38			
Ahmedabad Air Cargo Complex				0.000	0.13	0.00	0.000	0.13	0.00			
Anrak Aluminium Sez, Vizag Dc				0.074	836.44	10.10	0.074	836.44	10.10			
Appiic Multi Prod Sez Vizag Dc				0.142	1148.53	13.86	0.142	1148.53	13.86	0.03739	1051.24	12.70
Bangalore Airport	0.000	0.02	0.00				0.000	0.02	0.00			
Bedi Sea	0.025	473.35	5.72	1.409	10302.82	124.41	1.434	10776.17	130.13			
Bhavnagar				4.749	29118.47	352.86	4.749	29118.47	352.86			
Cfs Albatross/Icd Dadri				0.000	0.77	0.01	0.000	0.77	0.01			
Cfs Startrack Dadri				0.000	2.28	0.03	0.000	2.28	0.03			
Chennai Air				0.000	0.01	0.00	0.000	0.01	0.00			
Chennai Sea				0.014	609.22	7.37	0.014	609.22	7.37	0.00280	99.84	1.21
Cochin Sea				0.000	9.63	0.12	0.000	9.63	0.12			
Concor Icd Naya Raipur				0.000	9.14	0.11	0.000	9.14	0.11			
Concor Icd/Mmlp Khapri Nagpur				0.003	149.65	1.81	0.003	149.65	1.81	0.00003	0.17	0.00
Darranga (Rangia)							0.000	0.00	0.00	0.00003	0.86	0.01
Dehej Sea				7.885	59796.52	721.50	7.885	59796.52	721.50			
Delhi (Icd)				0.000	0.08	0.00	0.000	0.08	0.00	0.00002	0.49	0.01
Delhi Air	0.000	0.14	0.00	0.000	0.24	0.00	0.000	0.38	0.00			
Dhamra(Chandbali)	7.542	173387.36	2092.30	12.052	143635.09	1733.87	19.594	317022.46	3826.18			
Dharmatar Sea				3.143	19469.43	234.88	3.143	19469.43	234.88			
Dighi Port Mumbai				0.107	783.73	9.43	0.107	783.73	9.43			
Ennore Sea	1.856	43070.49	520.07	7.451	64275.42	776.37	9.306	107345.91	1296.44			
Gangavaram Port	6.838	164423.79	1983.35	9.180	86855.68	1047.98	16.018	251279.47	3031.33			
Gopalpur Port	0.407	7835.46	94.78	1.485	14065.42	169.90	1.891	21900.89	264.68			
Hazira Port, Surat				7.127	42577.43	514.41	7.127	42577.43	514.41			
Hetero Infra Sez Nakkapalli Ap				0.071	481.48	5.83	0.071	481.48	5.83			
Htpl Kilaraipur Icd				0.002	52.52	0.63	0.002	52.52	0.63			
Hyderabad Airport	0.000	0.18	0.00	0.000	0.00	0.00	0.000	0.18	0.00	0.00000	1.84	0.02
Icd Apm Bhamboli Khed				0.000	10.21	0.12	0.000	10.21	0.12			
Icd Chowpayal				0.001	36.84	0.44	0.001	36.84	0.44			
Icd Concor Jharsuguda							0.000	0.00	0.00			
Icd Faridabad				0.000	0.95	0.01	0.000	0.95	0.01			
Icd Jajpur				0.001	17.51	0.21	0.001	17.51	0.21	0.00146	45.02	0.54
Icd Kanakpura				0.001	8.97	0.11	0.001	8.97	0.11			
Icd Ludhiana				0.004	134.22	1.62	0.004	134.22	1.62			
Icd Mandideep							0.000	0.00	0.00	0.00002	0.61	0.01
Icd Patli							0.000	0.00	0.00	0.00055	15.17	0.18
Icd Sahnewal, Grfl				0.001	38.20	0.46	0.001	38.20	0.46			
Icd Samalkha Panipat				0.000	2.37	0.03	0.000	2.37	0.03			
Icd Sonipat				0.000	14.40	0.17	0.000	14.40	0.17	0.00009	2.25	0.03
Jaigad	4.669	101109.70	1220.40	6.177	61127.19	737.53	10.846	162236.89	1957.93			
Jaigaon							0.000	0.00	0.00	0.00012	3.98	0.05
Jakhav				0.180	1739.29	20.96	0.180	1739.29	20.96			
Kakinada Sea	0.527	12372.26	149.51	1.768	16453.06	198.83	2.296	28825.32	348.34			
Kandla Sea	0.803	17478.35	211.29	10.492	105885.73	1278.61	11.296	123364.08	1489.90	0.16868	4552.74	54.95
Karikal				5.990	39475.72	476.20	5.990	39475.72	476.20			
Kodinar Sea				0.219	1181.82	14.24	0.219	1181.82	14.24			
Kolkata Air	0.000	0.33	0.00	0.000	0.54	0.01	0.000	0.87	0.01			

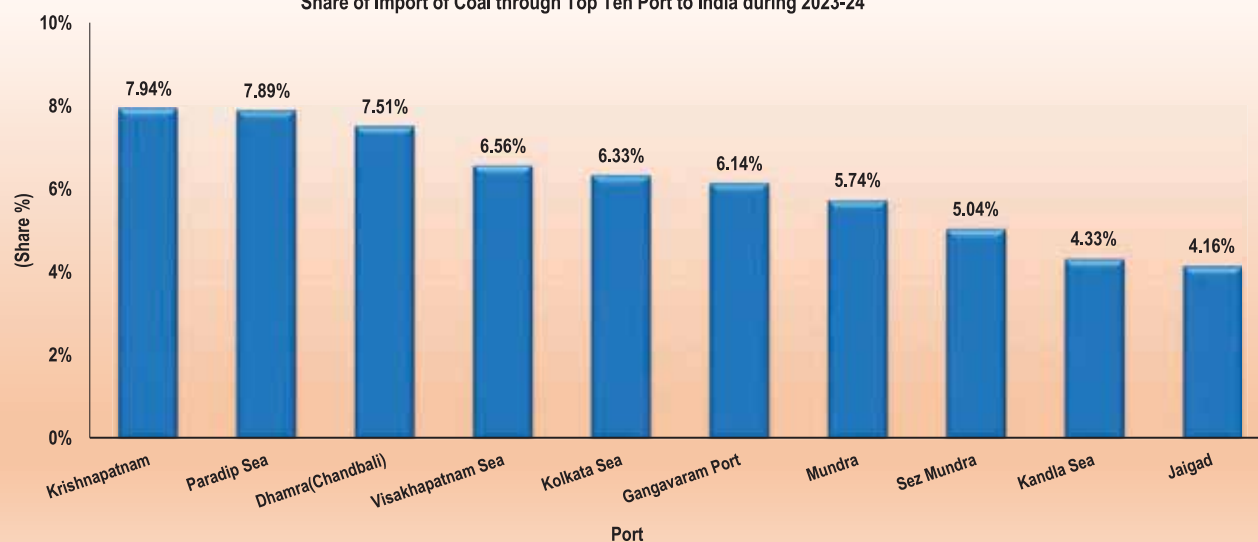
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Table 8.5 : Port Wise Import of Coal, Coke & Other Coal Products to India during 2023-24

(Qty. in MT & Value in Million Rs. & US \$)

Port	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Kolkata Sea	9.160	219200.12	2645.34	7.358	79472.73	958.79	16.518	298672.85	3604.13	0.73658	18775.05	226.65
Krishnapatnam	3.502	75044.12	905.91	17.226	138583.29	1672.72	20.728	213627.41	2578.63	0.05350	1617.75	19.48
Magdalla Port Sea				9.359	68625.16	827.56	9.359	68625.16	827.56	1.29399	42330.26	511.32
Marmagoa Sea	5.053	103211.74	1245.00	3.392	37945.56	457.78	8.445	141157.30	1702.78	0.03287	1025.33	12.34
Mumbai Air	0.000	0.47	0.01	0.000	0.01	0.00	0.000	0.47	0.01	0.00000	0.51	0.01
Mumbai Sea				2.633	19489.96	235.36	2.633	19489.96	235.36			
Mundra	0.651	14592.54	176.28	14.325	118303.59	1427.07	14.976	132896.13	1603.35	0.05482	1488.79	17.96
Navlakhi				8.428	47654.86	575.54	8.428	47654.86	575.54			
Newmangalore Sea	0.267	5231.14	62.94	7.330	69831.07	841.65	7.597	75062.21	904.59	0.06008	1499.01	18.19
Nhava Sheva Sea	0.000	0.09	0.00	1.290	8331.96	100.49	1.290	8332.05	100.49	0.01289	283.36	3.43
Okha	0.005	68.76	0.83	0.938	7583.37	91.41	0.943	7652.13	92.23	0.01650	624.01	7.52
Paradip Sea	11.531	256529.28	3095.59	9.065	110430.92	1333.11	20.597	366960.19	4428.70	0.49790	12368.29	149.37
Parri Infra Co Pvt Ltd				0.110	529.40	6.41	0.110	529.40	6.41			
Pipavab(Vicyor)				0.445	5299.59	64.16	0.445	5299.59	64.16	0.04393	1528.82	18.58
Porbandar				0.767	6880.98	82.97	0.767	6880.98	82.97			
Ranpar				0.257	1763.56	21.24	0.257	1763.56	21.24			
Revdanda				0.176	1170.05	14.09	0.176	1170.05	14.09			
Salaya				3.035	24502.00	295.72	3.035	24502.00	295.72			
Saraf Agencies Pvt Ltd				0.004	76.88	0.93	0.004	76.88	0.93			
Sez Dahej				0.009	63.68	0.77	0.009	63.68	0.77			
Sez Jamnagar (Reliance)				0.151	1547.63	18.68	0.151	1547.63	18.68			
Sez Mundra				13.159	94781.95	1142.62	13.159	94781.95	1142.62	0.00074	7.53	0.09
Sikka				0.114	1156.36	13.98	0.114	1156.36	13.98			
Tuticorin Sea				8.903	56217.83	678.03	8.903	56217.83	678.03			
Visakhapatnam Sea	5.281	127475.78	1538.29	11.846	113162.37	1365.50	17.126	240638.15	2903.79	0.94140	27392.87	330.29
Visakhapatnam Spl Economic Zon				0.001	2.55	0.03	0.001	2.55	0.03	0.00228	31.13	0.38
Total	58.118	1321505.47	15947.61	202.835	1741751.52	21021.03	260.953	3063257.00	36968.65	3.95868	114746.92	1385.28

Share of Import of Coal through Top Ten Port to India during 2023-24



Source: DGCI & S, Kolkata

Table 8.6 : Port Wise Export of Coal, Coke & Other Coal Products from India during 2023-24

(Qty. in MT & Value in Million Rs. & US \$)

Port	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Ahmedabad Air Cargo Complex				0.00000	1.20	0.01	0.00000	1.20	0.01			
Bairgania				0.01242	114.36	1.38	0.01242	114.36	1.38	0.00003	0.20	0.00
Banbasa, Champawat/Ut tarakhhand				0.00001	0.07	0.00	0.00001	0.07	0.00			
Barhni				0.13743	1255.28	15.16	0.13743	1255.28	15.16	0.00003	0.31	0.00
Bhimnagar				0.00542	54.15	0.65	0.00542	54.15	0.65			
Bhithamore	0.00022	1.83	0.02	0.06566	644.75	7.77	0.06588	646.58	7.79	0.00003	0.58	0.01
Borsorah				0.02551	238.98	2.88	0.02551	238.98	2.88			
Chennai Sea				0.00000	0.35	0.00	0.00000	0.35	0.00	0.00002	1.13	0.01
Concor Icd/Mmlp Khapri Nagpur				0.00006	2.27	0.03	0.00006	2.27	0.03			
Dalu				0.00013	0.11	0.00	0.00013	0.11	0.00			
Darranga (Rangia)				0.01110	158.09	1.90	0.01110	158.09	1.90	0.01320	364.76	4.40
Delhi (Icd)				0.00000	0.11	0.00	0.00000	0.11	0.00			
Delhi Air				0.00000	0.02	0.00	0.00000	0.02	0.00			
Dhubristeamer Ghat				0.00170	16.65	0.20	0.00170	16.65	0.20			
Golokgans Rly.Stn				0.03621	359.47	4.33	0.03621	359.47	4.33			
Gouriphanta				0.00003	0.24	0.00	0.00003	0.24	0.00			
Hatisar (Deosiri)				0.00153	20.83	0.25	0.00153	20.83	0.25			
Hazira Port, Surat				0.00009	4.88	0.06	0.00009	4.88	0.06			
Icd Ludhiana							0.00000	0.00	0.00	0.00000	0.00	0.00
Icd Sabarmati				0.00003	1.29	0.02	0.00003	1.29	0.02			
Icd Tondiar-Pet Chennai							0.00000	0.00	0.00	0.00002	1.28	0.02
Jaigaon				0.00012	3.42	0.04	0.00012	3.42	0.04	0.06640	1902.58	22.97
Jogbani				0.01998	198.44	2.40	0.01998	198.44	2.40	0.00259	55.28	0.67
Kandla Sea	0.07920	2301.02	27.79				0.07920	2301.02	27.79	0.02178	843.72	10.14
Kolkata Air							0.00000	0.00	0.00	0.00000	0.00	0.00
Kolkata Sea				0.00268	245.61	2.98	0.00268	245.61	2.98	0.00002	0.93	0.01
Kotwaligate (Mohedipur)				0.00005	0.58	0.01	0.00005	0.58	0.01			
L C S Khunwa				0.00192	17.16	0.21	0.00192	17.16	0.21	0.00008	0.71	0.01
Lcs Birpara Alipurduar				0.00726	72.36	0.87	0.00726	72.36	0.87			
Lcs Kamardwisa				0.03596	458.83	5.53	0.03596	458.83	5.53			
Magdalla Port Sea				0.10202	809.25	9.73	0.10202	809.25	9.73			
Mumbai Air				0.00000	0.03	0.00	0.00000	0.03	0.00	0.00000	0.04	0.00
Mundra				0.00442	189.44	2.28	0.00442	189.44	2.28	0.00214	81.70	0.99
Nautanwa (Sonauli)	0.00027	3.11	0.04	0.37879	3404.41	41.11	0.37906	3407.52	41.15	0.00115	20.98	0.25
Nepalganj				0.04693	513.59	6.19	0.04693	513.59	6.19	0.00008	1.27	0.02
Nhava Sheva Sea				0.00017	10.52	0.13	0.00017	10.52	0.13	0.00005	3.51	0.04

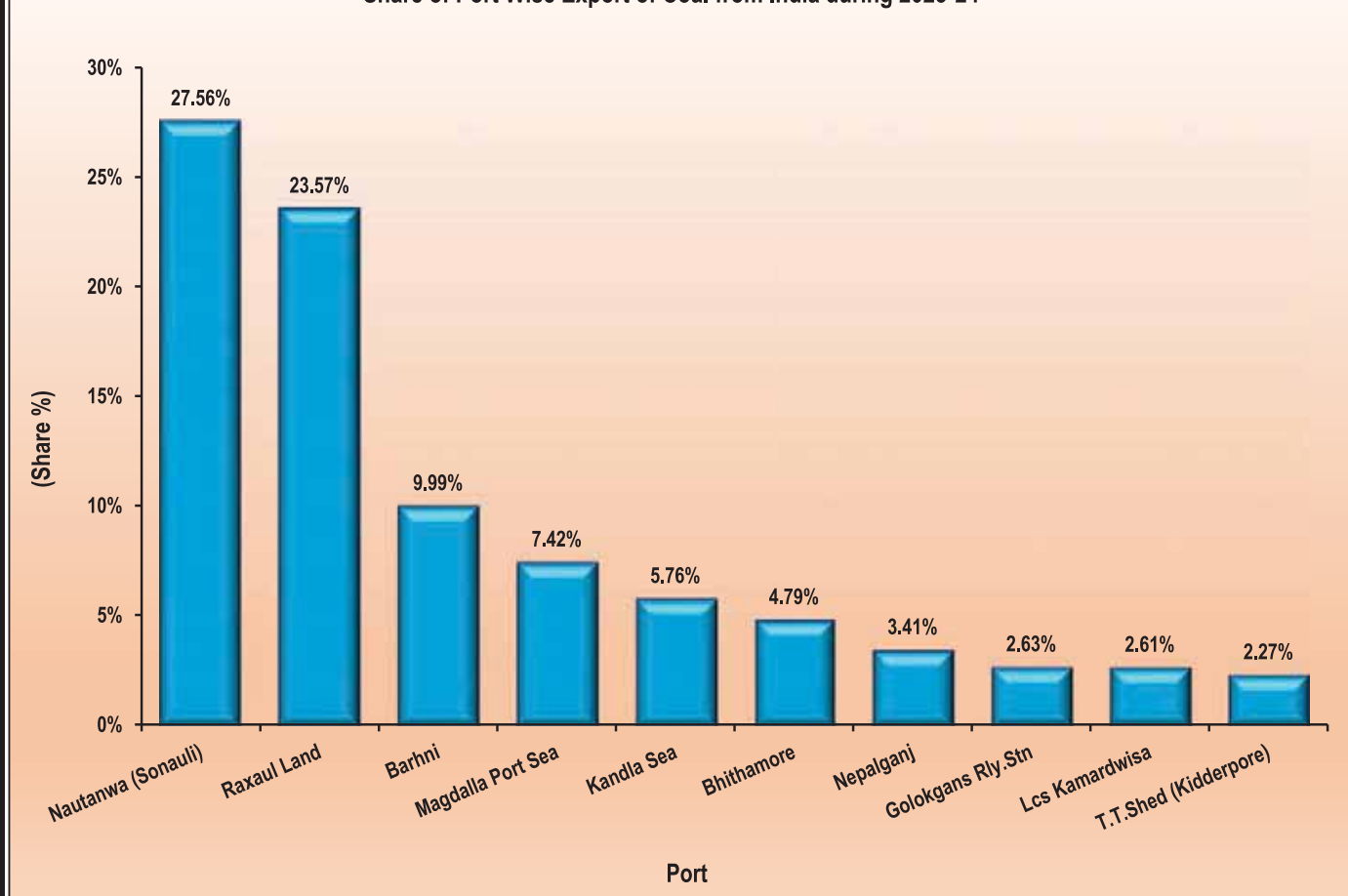
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Table 8.6 : Port Wise Export of Coal, Coke & Other Coal Products from India during 2023-24

(Qty. in MT & Value in Million Rs. & US \$)

Port	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Panitanki				0.00023	2.75	0.03	0.00023	2.75	0.03	0.00067	7.66	0.09
Petrapole Land				0.00628	73.26	0.88	0.00628	73.26	0.88	0.01108	224.51	2.71
Pipraun				0.00231	28.72	0.35	0.00231	28.72	0.35			
Raxaul Land	0.00004	0.34	0.00	0.32421	2891.82	34.92	0.32425	2892.17	34.92	0.00503	72.36	0.87
Sez Dahej							0.00000	0.00	0.00			
Sonbarsa				0.00952	86.02	1.04	0.00952	86.02	1.04	0.00002	0.26	0.00
Sutarkandi				0.00718	58.75	0.71	0.00718	58.75	0.71			
T.T.Shed (Kidderpore)	0.00095	7.85	0.09	0.03034	273.17	3.28	0.03129	281.02	3.38	0.01247	228.20	2.76
Tikunia				0.00010	1.15	0.01	0.00010	1.15	0.01			
Toothibari, Maharajganj				0.00111	10.65	0.13	0.00111	10.65	0.13	0.00023	1.82	0.02
Tuticorin Sea							0.00000	0.00	0.00	0.00011	15.42	0.19
Visakhapatnam Sea				0.01596	354.19	4.26	0.01596	354.19	4.26	0.00006	1.38	0.02
Total	0.08068	2314.15	27.95	1.29487	12577.23	151.74	1.37555	14891.39	179.69	0.13728	3830.59	46.20

Share of Port Wise Export of Coal from India during 2023-24



Source: DGCI & S, Kolkata

Table 8.7 : Month Wise Import of Coal, Coke & Other Coal Products to India during 2023-24

(Qty. in MT & Value in Million Rs. & US \$)

Month		Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
		Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
April	Quantity	4,594	119436.230	1439.032	14,615	148458.201	1788.705	19,208	267894.43	3227.74	0,242	7846.63	94.54
	Growth %	▼ 5.01%	▼ 30.22%	▼ 35.97%	▲ 1.05%	▼ 22.02%	▼ 28.44%	▼ 0.47%	▼ 25.90%	▼ 32.00%	▼ 22.28%	▼ 41.62%	▼ 46.43%
May	Quantity	5,379	132943.07	1614.50	22,051	215639.78	2618.79	27,431	348582.86	4233.29	0,493	16220.86	196.99
	Growth %	▲ 6.63%	▼ 32.13%	▼ 36.27%	▲ 41.34%	▲ 0.60%	▼ 5.53%	▲ 32.86%	▼ 15.03%	▼ 20.21%	▲ 177.47%	▲ 114.47%	▲ 101.39%
June	Quantity	5,619	116568.33	1417.53	16,993	159700.41	1942.03	22,612	276268.74	3359.56	0,342	11014.56	133.94
	Growth %	▲ 6.12%	▼ 40.32%	▼ 43.34%	▼ 22.26%	▼ 50.31%	▼ 52.82%	▼ 16.73%	▼ 46.53%	▼ 49.24%	▲ 53.50%	▲ 11.36%	▲ 5.73%
July	Quantity	5,300	99925.30	1216.35	13,426	115475.63	1405.64	18,726	215400.93	2621.98	0,305	8192.10	99.72
	Growth %	▲ 38.84%	▼ 21.29%	▼ 23.73%	▼ 30.44%	▼ 57.23%	▼ 58.56%	▼ 19.00%	▼ 45.74%	▼ 47.42%	▼ 9.63%	▼ 46.55%	▼ 48.21%
August	Quantity	4,697	86121.68	1040.30	14,415	118925.61	1436.55	19,112	205047.29	2476.85	0,246	7054.91	85.22
	Growth %	▼ 10.91%	▼ 35.40%	▼ 37.92%	▼ 12.59%	▼ 45.57%	▼ 47.70%	▼ 12.18%	▼ 41.72%	▼ 43.99%	▲ 18.47%	▼ 24.19%	▼ 27.15%
September	Quantity	3,805	73434.29	884.24	14,280	108554.28	1307.13	18,084	181988.57	2191.38	0,215	5484.12	66.04
	Growth %	▼ 14.31%	▼ 20.66%	▼ 23.35%	▼ 7.54%	▼ 40.72%	▼ 42.73%	▼ 9.05%	▼ 33.99%	▼ 36.23%	▲ 14.91%	▼ 19.82%	▼ 22.54%
October	Quantity	4,684	96850.13	1163.57	21,354	163824.31	1968.21	26,038	260674.44	3131.78	0,313	8472.24	101.79
	Growth %	▲ 1.94%	▼ 1.32%	▼ 2.38%	▲ 70.36%	▲ 8.93%	▲ 7.76%	▲ 52.01%	▲ 4.88%	▲ 3.76%	▼ 1.43%	▼ 24.82%	▼ 25.63%
November	Quantity	4,865	118383.91	1421.21	18,276	151434.50	1817.98	23,141	269818.41	3239.19	0,283	7526.49	90.36
	Growth %	▼ 1.74%	▲ 4.83%	▲ 2.96%	▲ 31.89%	▼ 14.32%	▼ 15.85%	▲ 23.04%	▼ 6.86%	▼ 8.52%	▼ 46.26%	▼ 57.92%	▼ 58.67%
December	Quantity	4,750	121850.41	1463.16	17,810	154003.78	1849.26	22,560	275854.19	3312.42	0,409	11474.30	137.78
	Growth %	▼ 4.19%	▲ 6.86%	▲ 5.81%	▲ 35.90%	▲ 5.78%	▲ 4.75%	▲ 24.90%	▲ 6.25%	▲ 5.22%	▲ 12.14%	▼ 5.36%	▼ 6.29%
January	Quantity	4,594	115292.82	1387.05	16,235	135731.07	1632.93	20,829	251023.88	3019.98	0,400	11153.02	134.18
	Growth %	▲ 0.63%	▲ 17.18%	▲ 15.46%	▲ 65.23%	▲ 24.02%	▲ 22.20%	▲ 44.74%	▲ 20.78%	▲ 19.01%	▲ 81.32%	▲ 66.34%	▲ 63.89%
February	Quantity	4,999	121190.94	1460.77	16,249	131356.17	1583.30	21,248	252547.10	3044.07	0,390	11192.81	134.91
	Growth %	▲ 22.66%	▲ 33.66%	▲ 33.09%	▲ 18.83%	▼ 15.50%	▼ 15.87%	▲ 19.71%	▲ 2.61%	▲ 2.17%	▲ 2.82%	▼ 9.79%	▼ 10.17%
March	Quantity	4,832	119508.38	1439.90	17,132	138647.78	1670.50	21,964	258156.15	3110.41	0,320	9114.86	109.82
	Growth %	▲ 14.95%	▲ 9.61%	▲ 8.68%	▲ 10.81%	▼ 14.45%	▼ 15.18%	▲ 11.70%	▼ 4.77%	▼ 5.59%	▼ 15.50%	▼ 29.83%	▼ 30.43%
Total	Quantity	58,118	1321505.47	15947.61	202,835	1741751.52	21021.03	260,953	3063257.00	36968.65	3,959	114746.92	1385.28
	Growth %	▲ 3.68%	▼ 14.10%	▼ 17.31%	▲ 11.68%	▼ 24.19%	▼ 26.88%	▲ 9.80%	▼ 20.14%	▼ 23.04%	▲ 9.01%	▼ 15.47%	▼ 17.94%

Share of Month Wise Import of Coal (Coking & Non-coking) to India during 2023-24

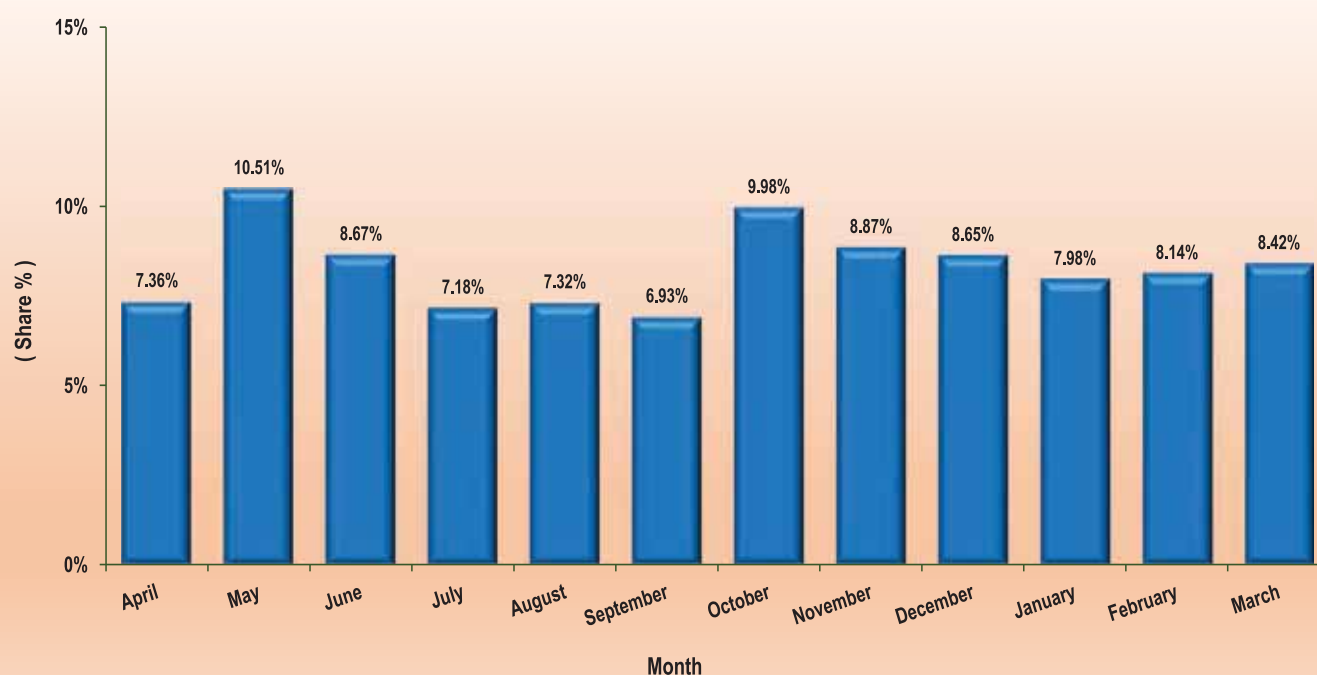
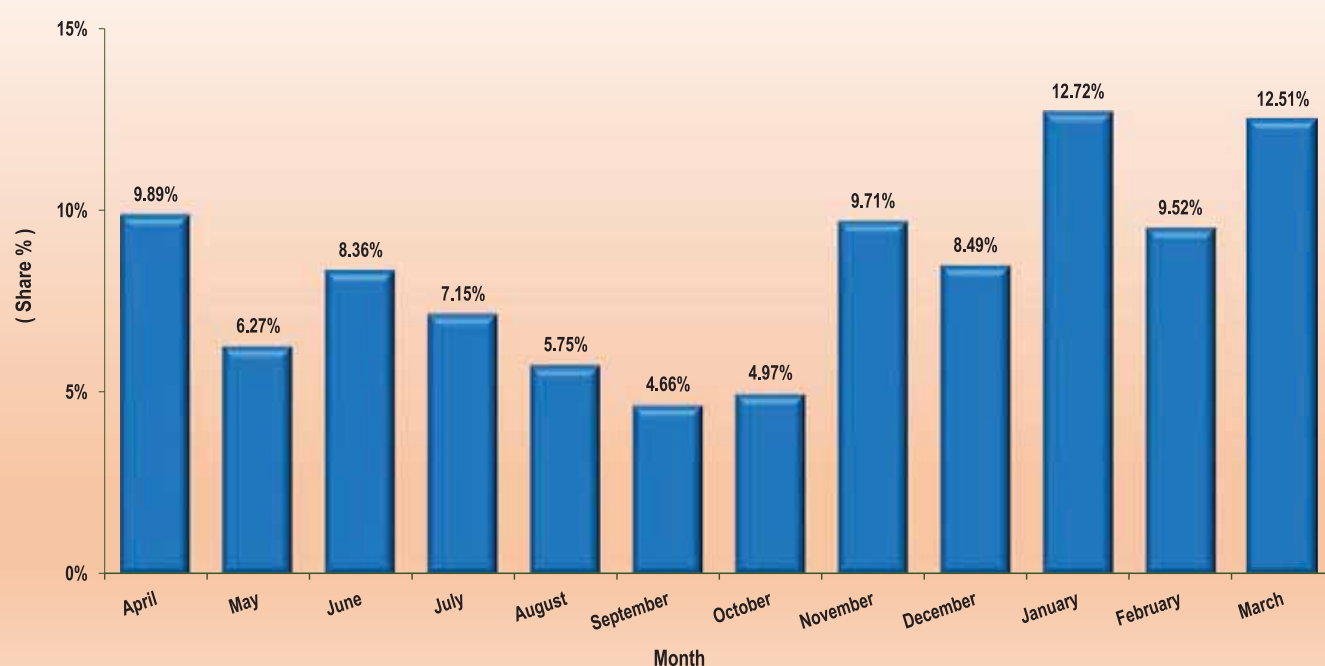


Table 8.8 : Month Wise Export of Coal, Coke & Other Coal Products from India during 2023-24

(Qty. in MT & Value in Million Rs. & US \$)

Month		Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
		Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)	Qty.	Value (Rs)	Value (\$)
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
April	Quantity	0.00032	2.77	0.03	0.136	1491.12	17.97	0.136	1493.89	18.00	0.008	218.97	2.64
	Growth %	▲ 100.00%	▲ 100.00%	▲ 100.00%	▲ 4.63%	▲ 6.12%	▼ 2.61%	▲ 4.88%	▲ 6.32%	▼ 2.43%	▲ 128.36%	▲ 486.78%	▲ 438.50%
May	Quantity	0.00007	1.31	0.02	0.086	1047.13	12.72	0.086	1048.44	12.73	0.012	352.75	4.28
	Growth %	▲ 100.00%	▲ 100.00%	▲ 100.00%	▲ 8.24%	▼ 0.74%	▼ 6.79%	▲ 8.33%	▼ 0.61%	▼ 6.68%	▲ 559.44%	▲ 1236.34%	▲ 1154.80%
June	Quantity	0.02600	719.13	8.75	0.089	999.28	12.15	0.115	1718.42	20.90	0.009	264.25	3.21
	Growth %	▲ 100.00%	▲ 100.00%	▲ 100.00%	▲ 18.24%	▼ 8.74%	▼ 13.36%	▲ 52.81%	▲ 56.93%	▲ 49.00%	▲ 238.59%	▲ 696.67%	▲ 656.38%
July	Quantity	0.00009	0.86	0.01	0.098	933.09	11.36	0.098	933.95	11.37	0.010	236.83	2.88
	Growth %	▲ 21.92%	▼ 5.93%	▼ 8.85%	▲ 46.54%	▼ 3.58%	▼ 6.55%	▲ 46.52%	▼ 3.56%	▼ 6.55%	▲ 270.95%	▲ 411.08%	▲ 395.21%
August	Quantity	0.00000	0.00	0.00	0.079	755.38	9.12	0.079	755.38	9.12	0.008	230.27	2.78
	Growth %	▲ 100.00%	▲ 100.00%	▲ 100.00%	▲ 19.48%	▼ 22.35%	▼ 25.38%	▲ 19.48%	▼ 22.35%	▼ 25.38%	▲ 70.65%	▲ 159.35%	▲ 149.23%
September	Quantity	0.00000	0.00	0.00	0.064	602.27	7.25	0.064	602.27	7.25	0.011	261.39	3.15
	Growth %	▲ 100.00%	▲ 100.00%	▲ 100.00%	▼ 2.01%	▼ 35.24%	▼ 37.44%	▼ 2.01%	▼ 35.24%	▼ 37.44%	▲ 254.49%	▲ 164.80%	▲ 155.83%
October	Quantity	0.00000	0.00	0.00	0.068	666.01	8.00	0.068	666.01	8.00	0.008	212.02	2.55
	Growth %	▼ 100.00%	▼ 100.00%	▼ 100.00%	▲ 35.30%	▼ 1.44%	▼ 2.50%	▼ 3.46%	▼ 47.59%	▼ 48.15%	▲ 536.01%	▲ 866.17%	▲ 855.79%
November	Quantity	0.00095	7.85	0.09	0.133	1214.61	14.58	0.134	1222.46	14.68	0.019	639.14	7.67
	Growth %	▲ 100.00%	▲ 100.00%	▲ 100.00%	▲ 222.82%	▲ 140.73%	▲ 136.43%	▲ 225.14%	▲ 142.28%	▲ 137.96%	▲ 663.99%	▲ 509.97%	▲ 499.08%
December	Quantity	0.00000	0.00	0.00	0.117	1149.89	13.81	0.117	1149.89	13.81	0.009	213.39	2.56
	Growth %	▲ 100.00%	▲ 100.00%	▲ 100.00%	▲ 4.87%	▼ 21.74%	▼ 22.50%	▲ 4.87%	▼ 21.74%	▼ 22.50%	▲ 82.37%	▲ 103.45%	▲ 101.46%
January	Quantity	0.03024	961.27	11.56	0.145	1269.30	15.27	0.175	2230.57	26.84	0.017	564.12	6.79
	Growth %	▲ 100.00%	▲ 100.00%	▲ 100.00%	▲ 57.31%	▲ 17.46%	▲ 15.73%	▲ 90.17%	▲ 106.41%	▲ 103.38%	▲ 969.31%	▲ 2329.47%	▲ 2293.78%
February	Quantity	0.02300	620.97	7.48	0.108	949.70	11.45	0.131	1570.67	18.93	0.010	240.87	2.90
	Growth %	▲ 281.43%	▲ 261.07%	▲ 259.52%	▼ 36.56%	▼ 50.83%	▼ 51.04%	▼ 25.68%	▼ 25.33%	▼ 25.65%	▲ 234.95%	▲ 306.64%	▲ 304.90%
March	Quantity	0.00000	0.00	0.00	0.172	1499.44	18.07	0.172	1499.44	18.07	0.017	396.57	4.78
	Growth %	▼ 100.00%	▼ 100.00%	▼ 100.00%	▼ 9.87%	▼ 30.07%	▼ 30.66%	▼ 10.00%	▼ 30.14%	▼ 30.74%	▲ 450.50%	▲ 583.48%	▲ 577.64%
Total	Quantity	0.08068	2314.15	27.95	1.295	12577.23	151.74	1.376	14891.39	179.69	0.137	3830.59	46.20
	Growth %	▲ 202.27%	▲ 200.46%	▲ 199.00%	▲ 13.65%	▼ 11.62%	▼ 14.23%	▲ 17.97%	▼ 0.73%	▼ 3.53%	▲ 299.77%	▲ 445.04%	▲ 430.43%

Share of Month Wise Export of Coal (Coking & Non-coking) from India during 2023-24



09.

Washery Performance



Section IX

Washery Performance

9.1 Performance of Coal Washeries in India

9.1.1 Demand of Power, Steel and Cement in a developing country is closely related to its economic growth. Coal is one of the main inputs for steel, thermal power and cement industry. That is why distribution of coal in adequate quantity and quality to power sector followed by steel and cement manufacturing sector is considered a priority in Indian Coal Industry.

9.1.2 In blast furnace, iron ore, hard coke and limestone are used and hot air is injected into the base of the furnace. The molten iron or hot metal is periodically tapped and sent along with steel scrap and more lime stone to Basic Oxygen Furnace (BOF) to produce almost pure liquid steel. To economise on coking coal consumption, non-coking coal in pulverized form is sometime injected along with hot air. Here coke supplies carbon which acts as a reducing agent of iron ore as well as provides heat to melt the iron.

9.1.3 Coking coal when heated in absence of air, it softens, liquefies and resolidifies into hard but porous lumps called Hard Coke. Hard Coke is made in Coke Oven Batteries by high temperature carbonization (HTC). For manufacturing of hard coke, coking coal must have very low ash content, preferably within 19% and also low sulfur and phosphorous.

9.1.4 Generally Indian coking coal is characterised by high ash and low Sulphur contents and therefore is not considered to be of adequate quality for steel plant. The quality of coal can be improved through the mechanism of washing but cost of washing, at times, is so high that it becomes uneconomical for commercial purpose that is why, major share of total coking coal produced indigenously go for use for metallurgical purpose.

9.1.5 Imported coking coal having low ash content is blended with indigenous coking coal for better use. Moreover, indigenous coking coal is washed in different washeries owned by various coal companies and integrated steel plants to reduce the ash content to make it suitable for use in the steel plant. In the process of washing, besides washed coal or clean coal by-products like middling and rejects/slurries are obtained. Middling so obtained is mostly used in the power sector.

9.2 Contribution of Coal Washeries

9.2.1 We have already explained the role of washeries in coal industry. Table 9.1 provides data on coking coal washeries in India in 2023-24.

9.2.2 Table 9.1 shows the performance of coking coal washeries over the last three years. It may be observed that the performance has increased during the years 2021-22, 2022-23, and 2023-24, with washed coking coal production of 4.701 MT, 5.310 MT, and 5.397 MT, respectively. However, The corresponding yield percentages were decreased over the same period 43.79%, 38.04%, and 32.50%.

9.2.3 Table 9.2 provides details of coal washeries in public sector and private sector and their installed capacities. It may be seen that the total capacity of the coal washeries was 254.39 MTPA.

Table 9.1 : Coking Coal Washery Performance in last Three Years

(Qty. in MT)

Year	Owner Company	Raw Coal Feed	Washed Coal Production	Normative Yield (%)
(1)	(2)	(3)	(4)	(5)
2023-24	BCCL	4.858	1.463	30.12
	CCL	2.616	0.796	30.43
	Total CIL	7.474	2.259	30.22
	SAIL	1.198	0.484	40.40
	Total Public	8.672	2.743	31.63
	TSL (Private)	7.932	2.654	33.46
	Total Private	7.932	2.654	33.46
	Grand Total	16.604	5.397	32.50
2022-23	BCCL	4.420	1.434	32.44
	CCL	2.580	0.721	27.95
	Total CIL	7.000	2.155	30.79
	SAIL	0.986	0.620	62.88
	Total Public	7.986	2.775	34.75
	TSL (Private)	5.972	2.535	42.45
	Total Private	5.972	2.535	42.45
	Grand Total	13.958	5.310	38.04
2021-22	BCCL	3.570	1.209	33.87
	CCL	1.212	0.401	33.09
	Total CIL	4.782	1.610	33.67
	SAIL	0.986	0.478	48.48
	Total Public	5.768	2.088	36.20
	TSL (Private)	4.967	2.613	52.61
	Total Private	4.967	2.613	52.61
	Grand Total	10.735	4.701	43.79

Trend of Washed Coal Production (Coking) during last Three Years

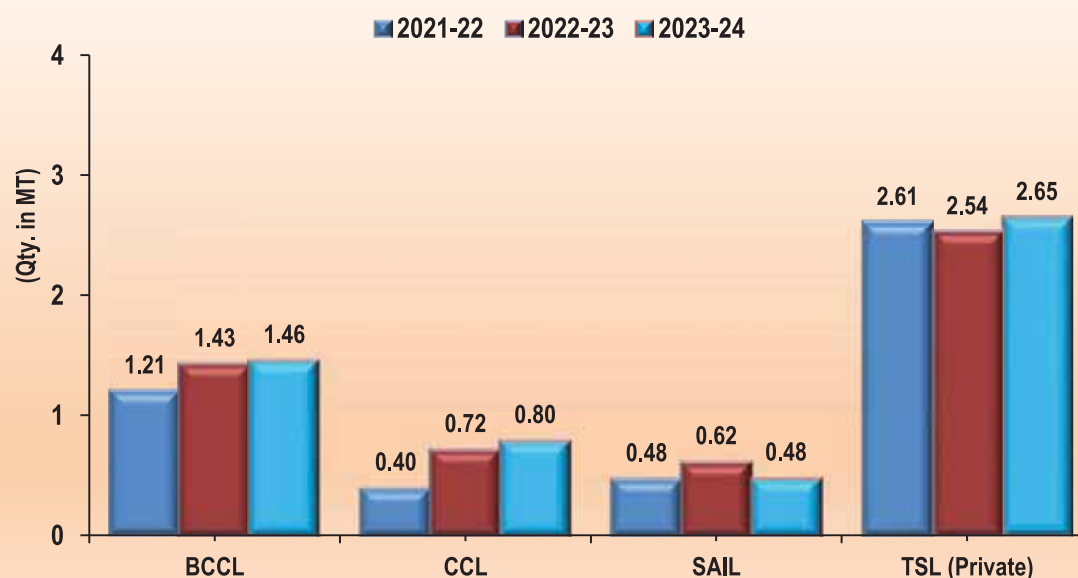


Table 9.2 : Coal Washeries in India during 2023-24

Sl.No.	Name of Washery	State	Location/ Coal field	CIL/ Other PSU /PVT	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)
1	Parsa East and Kanta Basan Coal Washery	Chhattisgarh	Vill-Parsa, Dist-Surguja	Other PSU	15.00
2	ACB (India)Ltd ,Chakabura Washery		Chakabura, PO-Janwahi, Dist-Korba	Pvt	7.50
3	ACB (India)Ltd, Dipka Washery		Dipka, PO-Gevra, Dist-Gevra	Pvt	14.00
4	ACB (India)Ltd.,Gevra Washery		Gevra, PO-Gevra, Dist-Gevra	Pvt	6.25
5	Maruti Clean Coal and Power Ltd.(MPPCL), Ratija Washery		Vill-Ratija, Po-Nonbira, Tehsil-Pali, Dist- Korba	Pvt	3.30
6	ACB (India) Ltd, Ratija Washery (formerly Spectrum Coal & Power Ltd.)		Ratija, PO-Katghora, Dist-Korba	Pvt	11.00
7	ACB(India) Ltd,Renki Washery (formerly S.V.Power Pvt Ltd.)		Vill-Renki, Tehsil- Pali, dist.-Korba	Pvt	2.50
8	ACB (India) Ltd, Binjhari Washery		PO-Gevra, Dist.-Korba	Pvt	4.80
9	Chattisgarh Power & Coal Benefication Ltd.		Sirgitti Industrial Area, Bilaspur	Pvt	1.25
10	Hind Energy & Coal Benefication (India) Ltd, Baloda		Vill- Birghani,Tehsil-Baloda, Dist-Janjgir	Pvt	0.96
11	Hind Energy & Coal Benefication (India) Ltd., Gatora		Vill-Gatora, Tehsil-Masturi, Dist-Bilaspur	Pvt	0.96
12	Hind Multi Services Private Limited, Birghani, Janjgir		Tehsill-Baloda, Dist-Janjgir Champa	Pvt	0.96
13	Clean Coal Enterprises Pvt. Ltd.,Gatora (Unit-1,2 &3)		Vill-Gatora, Tehsil-Masturi, Dist-Bilaspur	Pvt	4.42
14	Hind Multi Services Private Limited, Hindadih, Bilaspur		Hindadih, Dist- Bilaspur	Pvt	3.60
15	Jindal Power Ltd, (Coal Washery Unit-1)		At & PO-Libra, Tamnar, Raigarh	Pvt	4.75
16	Jindal Power Ltd, (Coal Washery No.-2)		Vill.-Dongamouha, PO-Dhorabhata, Tamnar, Dist.-Raigarh	Pvt	3.20
17	Jindal Power Ltd, (Coal Washery No.-3)		Vill.-Dongamouha, PO-Dhorabhata,Tamnar, Dist.-Raigarh	Pvt	3.60
18	Sambhavi Coal Benefication Pvt. Ltd., Gatora		Gatoura, Ratnapur, Bilaspur	Pvt	0.90
19	Bhatia Energy & Minerals Pvt Ltd Coal Washery		Vill-Dehjan, Kharsia, Dist-Raigarh	Pvt	5.00
20	KJSL Coal & Power Pvt. Ltd.		Dhatura, Dipka-Seepat Road, Dist.-Korba	Pvt	4.10
21	K L Energy & Coal Benefication Pvt. Ltd.		Vill-Dehjan, Kharsia, Dist-Raigarh	Pvt	0.90
22	Mahavir Coal Washeries Pvt. Ltd., Baloda (Unit I)		Vill-Bhelai, PO-Baloda, Dist-Janjgir, Champa	Pvt	0.95
23	Mahavir Coal Washeries Pvt. Ltd,Baloda. (Unit II)		Vill-Bhelai, PO-Baloda, Dist-Janjgir,Champa	Pvt	0.96
24	Mahavir Coal Washeries Pvt. Ltd.		Kanhaiband, Distt. : Janjgir-Champa	Pvt	2.48
25	Mahavir Coal Washeries Pvt. Ltd.,Sakri Belmundi		Belmundi , Tehsil-Takhtpur, Dist-Bilaspur	Pvt	0.95
26	Paras Power & Coal Benefication Ltd., Ghutku		Uslapur	Pvt	0.96
27	Paras Power & Coal Benefication Ltd., Ghutku		Uslapur	Pvt	2.50
28	Phil Coal Benefication Pvt. Ltd, Ghutku Washery		Vill-Ghutku, Dist-Bilaspur	Pvt	2.50

Contd....

Table 9.2 : Coal Washeries in India during 2023-24

Sl.No.	Name of Washery	State	Location/ Coal field	CIL/ Other PSU /PVT	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)
29	Phil Coal Benefication Pvt. Ltd, Tenda Washery	Chhattisgarh	Vill.-Tenda, Nawapad, Dist.-Raigarh	Pvt	0.90
30	Radiant coal beneficiation Pvt Ltd		Baloda, Janjgir-Champa, Chattisgarh	Pvt	1.86
31	Sarda Energy and Minerals Ltd.		Dholnara, Tamnar, Raigarh	Pvt	0.96
32	Bhojudih Washery	Jharkhand	PO:Santaldih, Dist: Purulia-723145	CIL	1.70
33	Dugda Washery		Dugda, Dist-Bokaro	CIL	2.00
34	Moonidih Washery		Moonidih, Dhanbad	CIL	1.60
35	Dahibari Washery		PO:Chirkunda, Dhanbad-828202	CIL	1.60
36	Patherdih-New (NLW) Washery		Patherdih, Dhanbad	CIL	5.00
37	Patherdih old-Washery		Patherdih, Dhanbad	CIL	1.60
38	Madhuban (old) Washery		Block-II arae, PO-Nudkharkee, Dhanbad	CIL	2.50
39	Sudamdih Washery		Sudamdih, Dhanbad	CIL	1.60
40	Madhuband 5MTPA Washery		Block-II arae, PO-Nudkharkee, Dhanbad	CIL	5.00
41	Mohuda Washery		Mohuda, Baghmara, Dhanbad	CIL	0.63
42	Kathara Washery		Kathara Area, Dist.-Bokaro	CIL	3.00
43	Sawang Washery		PO-Sawang Colliery, Dist.-Bokaro	CIL	0.75
44	Kedla Washery		PO-Kedla, Dist.-Ramgarh	CIL	2.60
45	Piparwar Washery		PO-Bachra, Dist.-Chatra	CIL	6.50
46	Rajrappa Washery		Rajrappa, Ramgarh	CIL	3.00
47	MDCWL, Dakra, Ranchi		N.K.Area, PO-Dakra, Ranchi	Pvt	3.50
48	CPP, Chasnalla		Chasnalla, Dhanbad	Pvt	2.04
49	Jamadoba		Jamadoba, Dhanbad	Pvt	2.00
50	Bhelatand		Bhelatand, Dhanbad	Pvt	1.50
51	West Bokaro- 2		PO:Ghatotand, Dist: Ramgarh-825314	Pvt	2.50
52	West Bokaro 3	PO:Ghatotand, Dist: Ramgarh-825314	Pvt	4.50	
53	ACB(India) Ltd, Pandharpouni Washery	Maharashtra	Vill: Pandharpouni, Rajura, Dist: Chandrapur	Pvt	2.60
54	Kartikay Coal Washery Pvt. Ltd, Wani Washery		Vill: Kalmana Road, Wani, Dist: Yavatmal-445304	Pvt	2.50
55	Maha Mineral Mining & Beneficiation Pvt Ltd, Gondagaon Washery		Vill: Yesamba, Parsioni, Dist: Nagpur	Pvt	2.40
56	Maha Mineral Mining & Beneficiation Pvt Ltd, Ghugus Washery		Vill: Usgaon, Dist: Chandrapur	Pvt	2.40
57	Maha Mineral Mining & Beneficiation Pvt Ltd, Pimpalgaon Washery		Vill: Bramhani, Pimpalgaon, Dist: Yavatmal	Pvt	4.80

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Table 9.2 : Coal Washeries in India during 2023-24

Sl.No.	Name of Washery	State	Location/ Coal field	CIL/ Other PSU /PVT	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)
58	Maha Mineral Mining & Beneficiation Pvt Ltd, Sasti Washery	Maharashtra	Vill. Gouri(Sasti), Tal.Rajura, Dist. Chandrapur	Pvt	2.40
59	Maha Mineral Mining & Beneficiation Pvt Ltd, Wani Washery		Mouza – Kalamna Tal. Wani, Dist. Yavatmal	Pvt	0.45
60	Maha Mineral Mining & Beneficiation Pvt Ltd, Majri Washery		Deulwada(Majri), Tal Bhadrawati, Dist Chandrapur	Pvt	2.40
61	Rukhmai Coal Washery LLP, Nimbala Washery (Formerly M/s Bhatiya Coal Washery Ltd.)		Vill: Nimbala, Tal: Wani, Dist: Yavatmal	Pvt	3.73
62	Rukhmai infrastructure Pvt. Ltd., Gondegaon		Gondegaon, Nagpur	Pvt	1.50
63	Rukhmai infrastructure Pvt. Ltd., Pandharpouni (Bhatiya Coal washeries Ltd)		Pandharpouni, Taluka Rajura, Dist- Chandrapur	Pvt	0.96
64	Nandan Washery	Madhya Pradesh	Damua, Dist.-Chindwada	CIL	1.20
65	ALPS Mining Services (Formerly Bhatia Coal Washery)	Odisha	At:Chhualiberna, PO:Belpahar, Dist: Jharsuguda-768217	Pvt	2.00
66	Aryan Energy Pvt. Ltd., Talcher		25, Industrial Estate, South Balanda, Talcher	Pvt	2.34
67	Aryan Ispat and Power Pvt. Ltd.		Vill-Bomaloi, Tehsil-Rengali, Dist-Sambalpur	Pvt	0.70
68	ACB (india) Ltd, Hemgir		At-Kanika, PO-Hemgir Road, Tehsil-Hemgir, Dist.-Sundergarh	Pvt	5.00
69	ACB (india) Ltd, Talcher Unit.		Near Balram OCP, Talcher, Angul	Pvt	11.00
70	Earth Minerals Company Ltd.		Vill-Kirarama, PO-Bandhbahal, Dist.- Jharsuguda	Pvt	4.00
71	Global Coal & Mining Pvt. Ltd., Talcher Unit		Po: South Balanda, Talcher Dist: Angul-759116	Pvt	4.00
72	Global Coal & Mining Pvt. Ltd., Jharsuguda Unit, IB Valley		Vill: Belpahar, PO: Obuda, Dist: Jharsuguda-768217	Pvt	4.00
73	Jindal Steel & Power Ltd, Angul		Simplipada, Angul	Pvt	6.00
74	Lakanpur IB Valley Coal Washery		Lakhanpur, Po- Bandhbahal, Dist- Jharsuguda	CIL	10.00
75	Shyam Metalics and Energy Ltd, Rengali		Vill-Pandloi, PO-Rengali, Dist-Sambalpur	Pvt	1.00
76	Utkal Energy Ltd.	Vill: Kankili, Teh: Talcher, Dist: Angul-759100	Pvt	0.96	
77	Manuguru Washery, SCCL (Through Global Coal & Mining Pvt. Ltd. Manuguru)	Telangana	At: Manuguru, Dist-Bhadradi-Kothagudem	Other PSU	0.96
78	NCL, Bina Deshaling Plant	Uttar Pradesh	Bina Project, Sonebhadra	CIL	4.50
79	Sarshatali Coal Washery	West Bengal	Vill: Madanpur, PO: Kapista, Dist: Paschim Bardhaman	Pvt	1.50

10.

Captive and Commercial Coal & Lignite Blocks



Section X

Captive Coal Blocks & Lignite Blocks

Captive Coal & Lignite Blocks

10.1.1 The policy of the allotment of Captive Coal Blocks was adopted by the Government of India in the year 1993 and as per this policy by the end of 2013-14, out of total allocated 218 coal blocks, 80 coal blocks were de-allocated. Thus, at the end of 2013-14, 138 coal blocks included 28 lignite blocks remained allocated under the category of Captive Coal Block. During the year 2014-15 by virtue of judgment dated 25.08.2014 read with the order dated 24.09.2014 of the Hon'ble Supreme Court of India, out of 218 captive coal blocks, allocation of 204 coal blocks were cancelled except allocation of 12 coal blocks for UMPPs and one coal block each allocated to NTPC and SAIL.

10.1.2 Further, allocation of 10 coal blocks of UMPP were cancelled. As on March, 2022, 02 coal blocks allocated through earlier dispensations stand allocated.

10.1.3 Subsequent to the order of the Hon'ble Supreme Court of India, 42 nos. of producing coal blocks [Schedule II coal mines as per the Coal Mines (Special Provisions) Ordinance, 2014 replaced by the Coal Mines (Special Provision) Act, 2015) were allowed to produce coal up to 31.03.2015.

10.1.4 As on 31.03.2024, the number of coal blocks that exist is 159 (Vested/Allotted - 121 + Under MMDR act – 34 + Blocks not cancelled - 4).

10.1.5 Up to March 2024, the total number of vested/allocated coal block was 155. The State Wise distribution of these coal mines is given in Statement 10.1.

Statement 10.1: State-Wise distribution Vested/Allocated Coal Blocks up to March 2024			
State	No. of Coal blocks		
	MMDR	CMSP	Total
Arunachal Pradesh	0	1	1
Assam	2	0	2
Chhattisgarh	5	19	24
Jharkhand	3	40	43
Madhya Pradesh	14	14	28
Maharashtra	4	14	18
Odisha	6	18	24
Telangana	0	1	1
West Bengal	0	14	14
Total	34	121	155

10.1.6 The number of lignite blocks that stand allocated as on 31.03.2024, is 25.

Table 10.1 : Coal & Lignite Blocks Allocated/Vested under MMDR & CM(SP) Act upto 2023-24

Sector	End-use	No. of Blocks	Geological/Extractable Reserve (Qty. in MT)
(1)	(2)	(3)	(4)
Coal Blocks :			
PSU(C)	Power	9	2820.23
	Sale of Coal	14	4500.54
	NRS	2	171.37
	UMPP	0	0
	Total	25	7492.14
PSU(S)	Power	31	4593.42
	Sale of Coal	9	1563.82
	NRS	0	0.00
	UMPP	0	0
	Total	40	6157.24
PVT	Power	4	180.38
	Sale of Coal	68	15635.43
	NRS	18	555.52
	UMPP	0	0.00
	Total	90	16371.33
All India	Power	44	7594.03
	Sale of Coal	91	21699.79
	NRS	20	726.89
	UMPP	0	0.00
	Total	155	30020.71
Lignite Blocks :			
State PSU	Power	12	1093.94
	Sale of Coal	11	408.93
	Total	23	1502.87
Private	Power	1	44.66
	Sale of Coal	1	7.80
	Total	2	52.46
All India	Power	13	1138.60
	Sale of Coal	12	416.73
	Grand Total	25	1555.33

Share of Sector Wise number of Coal Blocks Allocated upto 2023-24



Table 10.2 : Year Wise and Sector Wise Captive Coal Blocks Allocated/Vested including Blocks Allotted under CMN, MMDR & CM(SP) Act upto 2023-24

(GR in MT)

Year of Allotment	Power		NRS		Government Commercial		Private Commercial		UMPP		Total	
	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve
(1)	(2)	(3)	(6)	(7)	(8)	(9)	(10)	(11)	(4)	(5)	(12)	(13)
1995-96					1	96.31					1	96.31
1997-98											0	0.00
2003-04	1	607.81									1	607.81
2005-06			2	333.77							2	333.77
2006-07			0	0.00							0	0.00
2007-08			0	0.00							0	0.00
2008-09			0	0.00							0	0.00
2009-10			0	0.00							0	0.00
2014-15	20	1197.16	6	82.72							26	1279.88
2015-16	17	4585.73	7	111.78							24	4697.51
2016-17	4	1220.21	3	172.69	1	129.15					8	1522.05
2017-18											0	0.00
2018-19					5	1076.20					5	1076.20
2019-20	3	590.93	4	359.70	1	337.00					8	1287.63
2020-21					3	66.60	15	2625.53			18	2692.13
2021-22					2	573.85	10	2528.49			12	3102.34
2022-23					2	1.05	20	5137.25			22	5138.30
2023-24					9	3880.51	23	5344.17			32	9224.67
Total	45	8201.84	22	1060.66	24	6160.67	68	15635.43	0	0.00	159	31058.60

Note: Some coal blocks allocated earlier were deallocated or reallocated later on. Accordingly year-wise allocations have been modified.

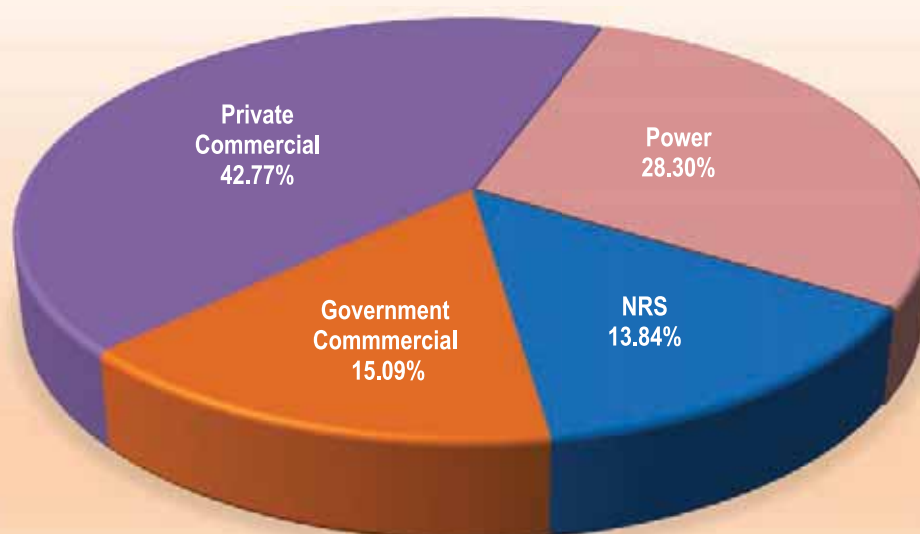
Share (%) of Sector Wise Allotment of Captive Coal Blocks upto 2023-24

Table 10.3 : State Wise and Sector Wise Captive Coal Blocks Allocated/Vested including Blocks Allotted under MMDR, CM(SP) Act upto 2023-24

(GR in MT)

State	Power		NRS		Government Commercial		Private Commercial		UMPP		Total	
	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve	Number of Coal Blocks	Geological/Extractable Reserve
(1)	(2)	(3)	(6)	(7)	(8)	(9)	(10)	(11)	(4)	(5)	(12)	(13)
Arunachal Pradesh	0	0.00	0	0.00	0	0.00	1	14.97	0	0.00	1	14.97
Assam	0	0.00	0	0.00	2	1.05	0	0.00	0	0.00	2	1.05
Chhattisgarh	8	2437.38	3	59.06	1	260.00	12	3111.23	0	0.00	24	5867.67
Jharkhand	11	3071.63	4	72.73	12	2307.80	16	1731.23	0	0.00	43	7183.39
Madhya Pradesh	3	583.78	4	92.18	1	672.88	20	3677.34	0	0.00	28	5026.18
Maharashtra	6	89.39	4	28.50	1	200.00	7	466.54	0	0.00	18	784.43
Odisha	7	1294.50	3	304.10	3	1978.22	11	6528.71	0	0.00	24	10105.52
Telangana	1	38.70	0	0.00	0	0.00	0	0.00	0	0.00	1	38.70
West Bengal	8	78.65	2	170.32	3	644.42	1	105.42	0	0.00	14	998.81
Total	44	7594.03	20	726.89	23	6064.36	68	15635.43	0	0.00	155	30020.71

Share (%) of State Wise Coal Blocks upto 2023-24

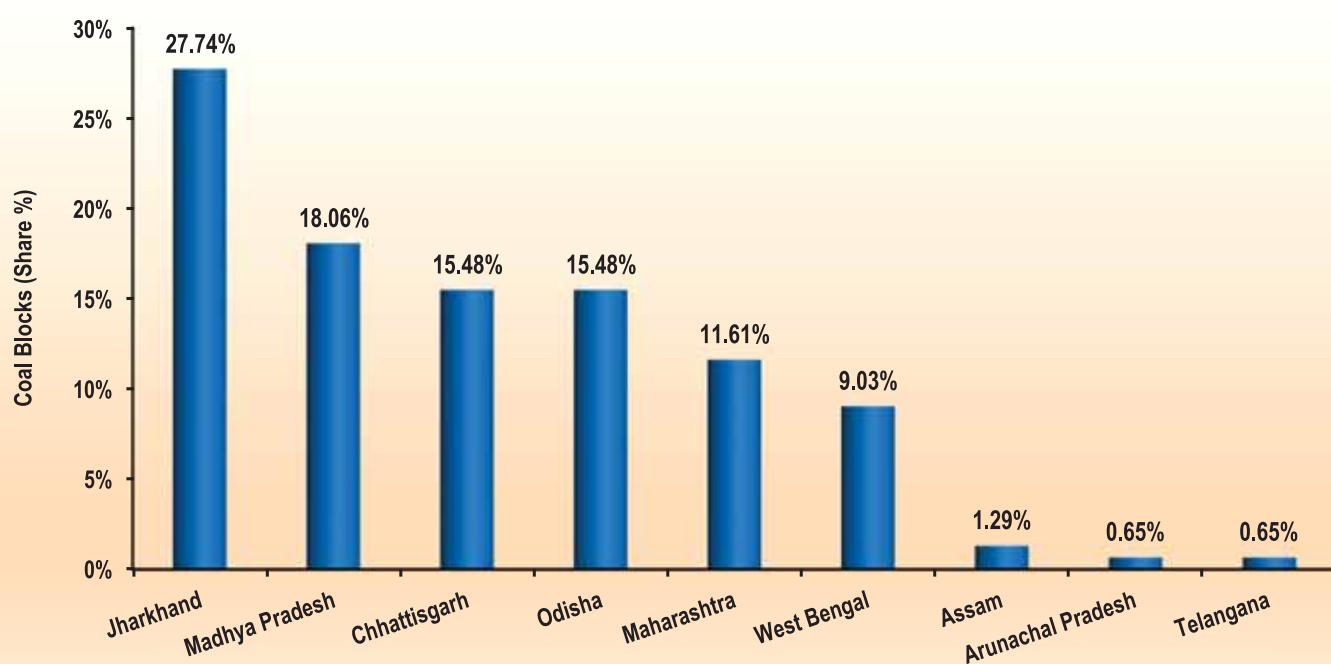


Table 10.4 : Lignite Blocks Allocated upto 2023-24

Sl. No.	State	Date of Allocation	Name of Block	Name of Allocattee	Number of Blocks	Sector	GR while Allotting (MT)	End-use Plant	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Gujarat	04.04.2000	Khadsaliya	GHCL	1	Pvt	7.80	Commercial	Producing
2		05.12.2001	Tadkeswar	GMDC	1	Pub	40.00	Commercial	Producing
3		30.04.2003	Mata na Madh	GMDC	1	Pub	34.00	Commercial	Producing
4		21.07.1973	Panandhro	GMDC	1	Pub	98.00	Commercial	Producing
5-6		05.12.2001	Rajpardi /G-19 Extn (Amod)	GMDC	2	Pub	21.00	Commercial	Producing
7		09.03.2000	Mongrol Valia	GIPCL	1	Pub	341.74	Power	Producing
8		06.09.2005	Khadsaliya-II	GPCL	1	Pub	22.50	Power	Non-producing
9		06.09.2005	Surka III	GPCL	1	Pub	NA	Power	Non-producing
10		05.12.2001	Surkha (North), Bhavnagar	GMDC	1	Pub	69.63	Commercial	Producing
11		23.09.2009	Umarsar	GMDC	1	Pub	27.50	Commercial	Producing
12		15.12.1995	Vastan	GIPCL	1	Pub	39.99	Power	Producing
13		22.09.1995	Ghogra-Surka	GPCL	1	Pub	60.68	Power	Producing
14		10.08.2015	Panandro Ext	GMDC	1	Pub	NA	Power	Non-producing
15		10.08.2015	Bharkandam	GMDC	1	Pub	NA	Commercial	Non-producing
Total Gujarat					15		762.840		
1	Rajasthan	02.11.1994	Giral	RSSML	1	Pub	101.90	Commercial	Producing
2		25.08.2001	Matasukh	RSMML	1	Pub	16.90	Commercial	Producing
3		25.08.2001	Kasnau Igiya	RSMML	1	Pub		Commercial	Producing
4		06.09.2004	Soneri	RSMML	1	Pub	42.56	Power	Producing
5		01.07.2005	Gurha(W)	RSMML	1	Pub	37.50	Power	Non-producing
6		01.07.2005	Gurha(E)	V.S Lig	1	Pvt	44.66	Power	Producing
7		13.11.2006	Kapurdih	BLMCL	1	Pub	91.99	Power	Producing
8		13.11.2006	Jalipa	BLMCL	1	Pub	316.28	Power	Producing
9		13.11.2006	Shivkar-Kurla	RSMML	1	Pub	112.00	Power	Non-producing
10		13.11.2006	Sachcha Sauda	RSMML	1	Pub	28.70	Power	Non-producing
Total Rajasthan					10		792.49		
Grand Total					25		1555.33		

Note: GR of Khadsaliya etc. is estimated from inferred GR.

Table 10.5 : State Wise Captive & Commercial Coal Blocks Vested/Allocated upto 2023-24

Sl. No.	State where the Block is Located	Block Allocated	No. of Blocks	Extractable Reserve (Qty. in MT)	Date of Allotment	Act	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Pvt	End-use Plant			
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)			
1	Arunachal Pradesh	Namchik Nampuk	1	14.97	17-08-2023	CMSP	Auction	Coal Pulz Private Ltd	PVT	Sale of Coal			
1	Assam	Koilajan	1	0.584	10-10-2022	MMDR	Auction	Assam Mineral Development Corp. Ltd.	PSU(C)	Sale of Coal			
2		Garampani	1	0.468	10-10-2022	MMDR	Auction	Assam Mineral Development Corp. Ltd.					
Assam Total			2	1.05									
1	Chhattisgarh	Chotia	1	7.38	23-03-2015	CMSP	Auction	Bharat Aluminium Company Ltd.	PVT	NRS			
2		Gare Palma IV-4	1	7.38	23-03-2015	CMSP	Auction	Hindalco Industries Ltd.					
3		Gare-Palma Sector-IV/8	1	44.30	22-04-2015	CMSP	Auction	Ambuja Cements Ltd.					
4-5		Parsa East & Kanta Basan	2	363.23	31-03-2015	CMSP	Allotment	Rajasthan Rajya Vidyut Utpadan Nigam Ltd.	PSU(C)	Power			
6		Talaipalli	1	842.27	08-09-2015	CMSP	Allotment	NTPC					
7		Gare Pelma Sector II	1	655.15	31-08-2015	CMSP	Allotment	Maharashtra State Power Generation Co Ltd.	PSU(S)				
8		Gare Palma Sector-III	1	89.43	14-09-2015	CMSP	Allotment	Chhattisgarh State Power Generation Co Ltd.					
9		Parsa	1	184.26	08-09-2015	CMSP	Allotment	Rajasthan Rajya Vidyut Utpadan Nigam Ltd.					
10-11		Durgapur-II Taraimar & Durgapur-II Sarya	2	303.04	02-03-2020	CMSP	Allotment	KPCL	PVT				
12		Purunga	1	260.00	08-06-2023	MMDR	Auction	CG Natural Resources Private Limited					
13		Gare Palma IV-7	1	52.19	08-03-2021	CMSP	Auction	Sarda Energy and Minerals Ltd.					
14		Gare Palma IV-1	1	130.00	08-03-2021	CMSP	Auction	Jindal Power Ltd.					
15		Bhaskarpara	1	46.91	18-11-2021	CMSP	Auction	Prakash Industries Ltd.					
16		Jhigador	1	250.00	18-11-2021	MMDR	Auction	CG Natural Resources Pvt. Ltd.					
17		Khargaon	1	250.00	18-11-2021	MMDR	Auction	CG Natural Resources Pvt. Ltd.					
18		Gare Palma IV/6	1	166.99	10-10-2022	CMSP	Auction	Jindal Steel and Power Ltd.					
19		Barra	1	900.00	12-12-2022	MMDR	Auction	Bharat Aluminium Company Ltd.					
20		Datima	1	13.30	08-06-2023	CMSP	Auction	Shree Cement Limited					
21		Gare Palma Sector - I	1	965.00	08-06-2023	CMSP	Auction	Jindal Power Limited					
22-23		Gare Palma IV/2 and Gare Palma IV/3	2	246.84	08-06-2023	CMSP	Auction	Jindal Power Limited					
24		Sherband	1	90.00	14-12-2023	MMDR	Auction	Neelkanth Coal Mining Pvt Ltd					
Chhattisgarh Total			24	5867.67									
1		Jharkhand	Kauthatia	1	21.10	23-03-2015	CMSP	Auction			Hindalco Industries Ltd.	PVT	NRS
2			Lohari	1	9.05	22-04-2015	CMSP	Auction			Araanya Mines Pvt. Ltd.		
3	Meral		1	12.67	22-04-2015	CMSP	Auction	Trimula Industries Ltd.					
4	Moitra		1	29.91	22-04-2015	CMSP	Auction	JSW Steel Ltd.					
5-6	Chatti Bariatu, Chatti Bariatu South		2	390.96	08-09-2015	CMSP	Allotment	NTPC			PSU(C)	Power	
7	Kerandari		1	142.01	08-09-2015	CMSP	Allotment	NTPC					
8	Badam		1	90.50	31-08-2015	CMSP	Allotment	NTPC		PSU(S)			
9	Banhardih		1	553.00	30-06-2015	CMSP	Allotment	PVUNL					
10	Pachhwara Central		1	239.75	31-03-2015	CMSP	Allotment	Punjab State Power Corp Ltd.					
11	Pachhwara North		1	374.56	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.					
12	Rajbar D & E		1	526.05	30-06-2015	CMSP	Allotment	Tenughat Vidyut Nigam Ltd.					

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Table 10.5 : State Wise Captive & Commercial Coal Blocks Vested/Allocated upto 2023-24

Sl. No.	State where the Block is Located	Block Allocated	No. of Blocks	Extractable Reserve (Qty. in MT)	Date of Allotment	Act	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Pvt	End-use Plant	
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)	
13	Jharkhand	Saharpur Jamarpani	1	524.00	13-08-2015	CMSP	Allotment	UP Rajya Vidyut Utpadan Nigam Ltd.	PSU(S)	Power	
14		Tubed	1	139.00	07-10-2016	CMSP	Allotment	Damodar Valley Corp.			
15		Ganeshpur	1	91.80	22-04-2015	CMSP	Auction	GMR Chhattisgarh Energy Ltd.	PVT		
16-17		Kotre Basantpur & Pachmo	2	251.30	19-04-2018	CMSP	Allotment	CIL	PSU(C)	Sale of Coal	
18		Amarkonda Murgadangal	1	410.00	24-01-2019	CMSP	Allotment	CIL			
19		Chichro Patsimal	1	356.00	24-01-2019	CMSP	Allotment	CIL			
20		Tokisud North	1	51.97	17-08-2020	CMSP	Allotment	NMDC			
21		Rohne	1	241.00	18-06-2021	CMSP	Allotment	NMDC			
22		North Dhadu (Eastern Part)	1	439.00	14-12-2023	CMSP	Auction	NTPC Mining Ltd			
23		North Dhadu (Western Part)	1	435.00	14-12-2023	CMSP	Auction	NLCIL			
24		Brahmani	1	58.90	24-01-2019	CMSP	Allotment	CIL			PSU(S)
25		Sugia Closed Mine	1	4.00	22-09-2020	CMSP	Allotment	Jharkhand State Mineral Development Corp.			
26		Brahmadiha	1	10.63	02-03-2021	CMSP	Auction	APMDCL			
27		Binja	1	50.00	08-06-2023	MMDR	Auction	Assam Mineral Development Corporation Limited	PVT		
28		Rajhara North (Central & Eastern)	1	17.09	03-03-2021	CMSP	Auction	Fairmine Carbons Pvt. Ltd.			
29		Gondulpara	1	74.88	08-03-2021	CMSP	Auction	Adani Enterprises Ltd.			
30		Urma Paharitola	1	700.00	03-03-2021	CMSP	Auction	Aurobindo Realty and Infrastructure Pvt. Ltd.			
31		Chakla	1	83.10	03-03-2021	CMSP	Auction	Hindalco Industries Ltd.			
32		Jogeswar & Khas Jogeswar	1	84.03	18-11-2021	CMSP	Auction	South West Pinnacle Exploration Ltd.			
33		Rauta Closed Mine	1	7.00	18-11-2021	CMSP	Auction	Shreesatya Mine Pvt. Ltd.			
34-35		Brinda & Sasai	2	61.06	10-10-2022	CMSP	Auction	Dalmia Cement (Bharat) Ltd.			
36		Basantpur	1	9.00	12-12-2022	MMDR	Auction	Gangaramchak Mining Pvt. Ltd..			
37		Jitpur	1	81.10	17-01-2023	CMSP	Auction	Terra Mining Pvt. Ltd.			
38		Tokisud Block-II	1	127.69	08-02-2023	MMDR	Auction	Twenty First Century Mining Pvt. Ltd.			
39		Sitanala	1	108.85	08-06-2023	CMSP	Auction	JSW Steel Limited			
40		Choritand Tiliaya	1	97.04	08-06-2023	CMSP	Auction	Rungta Metals Private Limited			
41		Burakhap Small Patch	1	9.68	08-06-2023	CMSP	Auction	Shreesatya Mines Private Limited			
42		Parbatpur Central	1	235.72	08-06-2023	CMSP	Auction	JSW Steel Limited			
43		Patal East (Eastern Part)	1	35.00	08-06-2023	CMSP	Auction	RCR Steel Works Private Limited			
Jharkhand Total			43	7183.39							
1		Madhya Pradesh	Bicharpur	1	29.10	23-03-2015	CMSP	Auction	UltraTech Cement Ltd.	PVT	NRS
2			Sial Ghogri	1	5.11	23-03-2015	CMSP	Auction	Reliance Cement Company Pvt. Ltd.		
3			Bikram	1	20.97	10-02-2020	CMSP	Auction	Birla Corp. Ltd.		
4			Brahampuri	1	37.00	10-02-2020	CMSP	Auction	Birla Corp. Ltd.		
5			Amelia (North)	1	49.18	23-03-2015	CMSP	Auction	Jaiprakash Power Ventures Ltd.	PVT	Power
6			Amelia	1	393.60	17-01-2017	CMSP	Allotment	THDC	PSU(C)	
7			Sullyari	1	141.00	29-09-2016	CMSP	Allotment	APMDCL	PSU(S)	
8			Gondbahera Ujhani	1	672.88	08-06-2023	MMDR	Allotment	MP Natural Resources Private Limited		Sale of Coal
9			Urtan North	1	69.82	03-03-2021	CMSP	Auction	JMS Mining Pvt. Ltd.	PVT	

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Table 10.5 : State Wise Captive & Commercial Coal Blocks Vested/Allocated upto 2023-24

Sl. No.	State where the Block is Located	Block Allocated	No. of Blocks	Extractable Reserve (Qty. in MT)	Date of Allotment	Act	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Pvt	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)
10	Madhya Pradesh	Sahapur West	1	42.00	03-03-2021	CMSP	Auction	Sarda Energy And Minerals Ltd.	PVT	Sale of Coal
11		Sahapur East	1	63.63	03-03-2021	CMSP	Auction	Chowgule And Company Pvt. Ltd.		
12		Urtan	1	55.39	03-03-2021	MMDR	Auction	JMS Mining Pvt. Ltd.		
13		Dhirauli	1	586.39	03-03-2021	MMDR	Auction	Stratatech Mineral Resources Pvt. Ltd.		
14		Bandha	1	441.50	03-03-2021	MMDR	Auction	EML Mines And Mineral Resources Ltd.		
15-16		Gotitoria (East) & Gotitoria (West)	2	9.34	18-11-2021	CMSP	Auction	Boulder Stone Mart Pvt. Ltd..		
17		Gonbahera Ujheni East	1	672.87	10-10-2022	MMDR	Auction	MP Natural Resources Pvt. Ltd.		
18		Beheraband North Ext.	1	170.00	10-10-2022	MMDR	Auction	Auro Coal Pvt. Ltd.		
19		Maiki North	1	97.17	12-12-2022	MMDR	Auction	Maiki South Mining Pvt. Ltd..		
20		Bandha North	1	500.00	12-12-2022	MMDR	Auction	Jaiprakash Power Ventures Ltd.		
21		Marki Barka	1	72.05	17-01-2023	CMSP	Auction	Birla Corp. Ltd.		
22		Arjuni East	1	131.83	08-06-2023	MMDR	Auction	Ultratech Cement Limited		
23		Arjuni West	1	110.17	08-06-2023	MMDR	Auction	Ganga Khanij Private Limited		
24		Mandla North	1	195.38	08-06-2023	CMSP	Auction	Dalmia Cement (Bharat) Limited		
25		Marwatola –VI	1	79.00	08-06-2023	MMDR	Auction	JSW Cement Limited		
26		Marwatola –VII	1	188.70	08-06-2023	MMDR	Auction	Rama Cement Industries Private Limited		
27		Pathora East	1	110.40	14-12-2023	MMDR	Auction	Shree Bajrang Power & Ispat Ltd		
28		Pathora West	1	81.69	14-12-2023	MMDR	Auction	Shree Bajrang Power & Ispat Ltd		
Madhya Pradesh Total			28	5026.18						
1	Maharashtra	Belgaon	1	12.65	23-03-2015	CMSP	Auction	Sunflag Iron and Steel Company Ltd.	PVT	NRS
2		Marki Mangli III	1	3.45	17-04-2015	CMSP	Auction	B.S. Ispat Ltd.		
3		Marki Mangli-I	1	1.78	30-09-2015	CMSP	Auction	Topworth Urja and Metals Ltd.		
4		Nerad Malegaon	1	10.62	22-04-2015	CMSP	Auction	Indrajit Power Pvt. Ltd.		
5-10		Baranj – I, II, III, IV, Kiloni & Manora Deep	6	89.39	31-03-2015	CMSP	Allotment	Karnataka Power Corp. Ltd.	PSU(S)	Power
11	North West of Madheri	1	200.00	08-06-2023	MMDR	Auction	MH Natural Resources Private Limited	PSU(S)	Sale of Coal	
12	Marki Mangli II	1	11.54	03-03-2021	CMSP	Auction	Yazdani International Pvt. Ltd.	PVT		
13	Takli Jena Bellora (North) & Takli Jena Bellora (South)	1	40.00	03-03-2021	CMSP	Auction	Aurobindo Reality And Infrastructure Pvt. Ltd.			
14	Gondkhari	1	98.72	18-11-2021	CMSP	Auction	Adani Power Maharashtra Ltd.			
15	Bhivkund	1	102.26	18-11-2021	MMDR	Auction	Sunflag Iron and Steel Company Ltd.			
16	Marki Mangli-IV	1	3.42	17-01-2023	CMSP	Auction	Sobhagya Mercantile Ltd.			
17	Dahegaon-Go wari	1	162.80	08-06-2023	MMDR	Auction	Ambuja Cements Limited			
18	Kalambi Kalmeshwar (Western Part)	1	47.80	16-06-2023	MMDR	Auction	Samlok Industries Pvt. Ltd.			
Maharashtra Total			18	784.43						
1-2	Odisha	Utkal E & D	2	171.37	02-05-2016	CMSP	Allotment	NALCO	PSU(C)	NRS
3		Jamkhani	1	132.73	10-02-2020	CMSP	Auction	Vedanta Ltd.	PVT	
4		Dulanga	1	141.55	08-09-2015	CMSP	Allotment	NTPC	PSU(C)	Power
5		Talabira II & III	1	546.61	02-05-2016	CMSP	Allotment	NLC		

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Table 10.5 : State Wise Captive & Commercial Coal Blocks Vested/Allocated upto 2023-24

Sl. No.	State where the Block is Located	Block Allocated	No. of Blocks	Extractable Reserve (Qty. in MT)	Date of Allotment	Act	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Pvt	End-use Plant			
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)			
6-7	Odisha	Manoharpur & Dipside of Manoharpur	2	46.05	31-08-2015	CMSP	Allotment	Odisha Coal & Power Ltd.	PSU(S)	Power			
8		Naini	1	270.00	13-08-2015	CMSP	Allotment	SCCL					
9		Mandakini	1	287.89	02-03-2020	CMSP	Allotment	KPCL					
10		Talabira-I	1	2.40	23-03-2015	CMSP	Auction	GMR Chhattisgarh Energy Ltd.	PVT	Sale of Coal			
11		Utkal A	1	332.85	18-11-2021	CMSP	Allotment	MCL Ltd.	PSU(C)				
12		Baitami West	1	1097.48	08-06-2023	CMSP	Auction	Gujarat Mineral Development Corporation Ltd					
13		Burapahar	1	547.89	08-06-2023	MMDR	Auction	Gujarat Mineral Development Corporation Ltd					
14		Radhikapur (West)	1	258.00	03-03-2021	CMSP	Auction	Vedanta Ltd.	PVT				
15		Kurloi (A) North	1	1680.23	03-09-2021	MMDR	Auction	Vedanta Ltd.					
16		Utkal-C	1	196.35	10-10-2022	CMSP	Auction	Jindal Steel and Power Ltd.					
17-18		Utkal B1 & B2	2	347.08	10-10-2022	CMSP	Auction	Jindal Steel and Power Ltd.					
19		Bijahan	1	327.05	10-10-2022	CMSP	Auction	Mahanadi Mines & Minerals Pvt. Ltd..					
20		Bankhui	1	800.00	10-10-2022	MMDR	Auction	Yazdani Steel and Power Ltd.					
21		Alaknanda	1	500.00	12-12-2022	MMDR	Auction	Rungta Sons Pvt. Ltd..					
22		Chendipada (Revised)	1	970.00	08-06-2023	CMSP	Auction	Rungta Sons Private Limited					
23		Sakhigopal-B Kankili	1	500.00	08-06-2023	MMDR	Auction	Rungta Sons Private Limited					
24		Meenakshi West	1	950.00	14-12-2023	MMDR	Auction	Hindalco Industries Ltd					
Odisha Total			24	10105.52									
1		Telangana	Tadicherla-I	1	38.70	31-08-2015	CMSP	Allotment	Telangana State Power Generation Corp. Ltd.		PSU(S)	Power	
Telangana Total			1	38.7									
1		West Bengal	Ardhagram	1	1.32	14-07-2016	CMSP	Auction	OCL Iron and Steel LTD*		PVT	NRS	
2			Jagannathpur B	1	169.00	13-02-2020	CMSP	Auction	Powerplus Traders Pvt. Ltd.				
3			Barjora	1	1.45	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.		PSU(S)	Sale of Coal	
4			Barjora (North)	1	3.57	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.				
5-6	Gangaramchak & Gangaramchak Bhadulia		2	6.76	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.					
7-8	Tara (East) and Tara (West)		2	11.06	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.					
9	Trans Damodar		1	18.81	23-03-2015	CMSP	Auction	The Durgapur Projects Ltd.	PVT				
10	Sarshatolli		1	37.00	23-03-2015	CMSP	Auction	CESC Ltd.					
11	Gourangdi ABC		1	129.15	29-09-2016	CMSP	Allotment	West Bengal Minrel Development Corp. Ltd.	PSU(S)				
12	Khagra Joydeb		1	178.27	08-06-2023	CMSP	Auction	Orissa Metallurgical Industry Private Limited					
13	East of Danagoria		1	337.00	21-11-2019	CMSP	Allotment	BCCL	PSU(C)				
14	Kasta East		1	105.42	12-12-2022	CMSP	Auction	Jitusol developers Pvt. Ltd..	PVT				
West Bengal Total			14	998.81									
All India			155	30020.71									

Table 10.6 : Coal Blocks Allotted under Auction by MMDR Act

Sl. No.	Name of Blocks	State	Name of Successful Bidder/Allottee	No. of Blocks	Allotted/ Vested	Date of Allotment	Estimated GR (Qty. in MT)	Specified EUP
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Garampani	Assam	Assam Mineral Development Corp. Ltd.	1	Auction	10-10-2022	0.47	Sale of Coal
2	Koilajan		Assam Mineral Development Corp. Ltd.	1	Auction	10-10-2022	0.58	
3	Barra	Chhattisgarh	Bharat Aluminium Company Ltd	1	Auction	12-12-2022	900.00	
4	Jhigador		CG Natural Resources Pvt. Ltd	1	Auction	18-11-2021	250.00	
5	Khargaon		CG Natural Resources Pvt. Ltd	1	Auction	18-11-2021	250.00	
6	Purunga		CG Natural Resources Pvt. Ltd.	1	Auction	08-06-2023	260.00	
7	Sherband		Neelkanth Coal Mining Pvt Ltd	1	Auction	14-12-2023	90.00	
8	Basantpur	Jharkhand	Gangaramchak Mining Pvt Ltd	1	Auction	12-12-2022	9.00	
9	Tokisud Block-II		Twenty First Century Mining Pvt. Ltd.	1	Auction	08-02-2023	127.69	
10	Binja		Assam Mineral Development Corporation Ltd.	1	Auction	08-06-2023	50.00	
11	Bandha	Madhya Pradesh	EMIL Mines And Mineral Resources Ltd	1	Auction	03-03-2021	441.50	
12	Bandha North		Jaiprakash Power Ventures Ltd	1	Auction	12-12-2022	500.00	
13	Beheraband North Ext.		Auro Coal Pvt. Ltd.	1	Auction	10-10-2022	170.00	
14	Dhirauli		Stratatech Mineral Resources Pvt. Ltd.	1	Auction	03-03-2021	586.39	
15	Gonbahera Ujheni East		MP Natural Resources Pvt. Ltd.	1	Auction	10-10-2022	672.87	
16	Maiki North		Maiki South Mining Pvt. Ltd.	1	Auction	12-12-2022	97.17	
17	Urtan		JMS Mining Pvt. Ltd.	1	Auction	03-03-2021	55.39	
18	Gondbahera Ujheni		MP Natural Resources Pvt. Ltd.	1	Auction	08-06-2023	672.88	
19	Arjuni East		Ultratech Cement Ltd.	1	Auction	08-06-2023	131.83	
20	Arjuni West		Ganga Khanij Pvt. Ltd.	1	Auction	08-06-2023	110.17	
21	Marwatola –VI		JSW Cement Ltd.	1	Auction	08-06-2023	79.00	
22	Marwatola –VII		Rama Cement Industries Pvt. Ltd.	1	Auction	08-06-2023	188.70	
23	Pathora East		Shree Bajrang Power & Ispat Ltd	1	Auction	14-12-2023	110.40	
24	Pathora West		Shree Bajrang Power & Ispat Ltd	1	Auction	14-12-2023	81.69	
25	Bhivkund	Maharashtra	Sunflag Iron and Steel Company Ltd.	1	Auction	18-11-2021	102.26	
26	North West of Madheri		MH Natural Resources Pvt. Ltd.	1	Auction	18-07-1900	200.00	
27	Dahegaon-Go wari		Ambuja Cements Ltd.	1	Auction	10-06-1900	162.80	
28	Kalambi Kalmeshwar (Western Part)		Samlok Industries Pvt. Ltd.	1	Auction	16-02-1900	47.80	
29	Alaknanda	Odisha	Rungta Sons Pvt Ltd.	1	Auction	12-12-2022	500.00	
30	Bankhui		Yazdani Steel and Power Ltd	1	Auction	10-10-2022	800.00	
31	Kurloi (A) North		Vedanta Ltd	1	Auction	03-09-2021	1680.23	
32	Burapahar		Gujarat Mineral Development Corporation Ltd	1	Auction	08-06-2023	547.89	
33	Sakhigopal –B Kankili		Rungta Sons Pvt. Ltd.	1	Auction	08-06-2023	500.00	
34	Meenakshi West		Hindalco Industries Ltd	1	Auction	14-12-2023	950.00	
All Total				34			11326.72	

Table 10.7 : Coal Blocks Allotted under Auction by CMSP Act

Sl. No.	State where the Block is Located	Block Allocated	No. of Blocks	Extractable Reserve (Qty. in MT)	Date of Allotment	Act	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU (C) /Pvt	End-use Plant		
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)		
1	Arunachal Pradesh	Namchik Nampuk	1	14.97	17-08-2023	CMSP	Auction	Coal Pulz Private Ltd	PVT	Sale of Coal		
Arunachal Pradesh Total			1	14.97								
1	Chhattisgarh	Chotia	1	7.38	23-03-2015	CMSP	Auction	Bharat Aluminium Company Ltd.	PVT	NRS		
2		Gare Palma IV-4	1	7.38	23-03-2015	CMSP	Auction	Hindalco Industries Ltd.				
3		Gare-Palma Sector-IV/8	1	44.30	22-04-2015	CMSP	Auction	Ambuja Cements Ltd.				
4-5		Parsa East & Kanta Basan	2	363.23	31-03-2015	CMSP	Allotment	Rajasthan Rajya Vidyut Utpadan Nigam Ltd.	PSU(C)	Power		
6		Talaipalli	1	842.27	08-09-2015	CMSP	Allotment	NTPC				
7		Gare Pelma Sector II	1	655.15	31-08-2015	CMSP	Allotment	Maharashtra State Power Generation Co Ltd.	PSU(S)			
8		Gare Palma Sector-III	1	89.43	14-09-2015	CMSP	Allotment	Chhattisgarh State Power Generation Co Ltd.				
9		Parsa	1	184.26	08-09-2015	CMSP	Allotment	Rajasthan Rajya Vidyut Utpadan Nigam Ltd.				
10-11		Durgapur-II Taraimar & Durgapur-II Sarya	2	303.04	02-03-2020	CMSP	Allotment	KPCL				
12		Gare Palma IV-7	1	52.19	08-03-2021	CMSP	Auction	Sarda Energy and Minerals Ltd.	PVT			
13		Gare Palma IV-1	1	130.00	08-03-2021	CMSP	Auction	Jindal Power Ltd.				
14		Bhaskarpara	1	46.91	18-11-2021	CMSP	Auction	Prakash Industries Ltd.				
15		Gare Palma IV/6	1	166.99	10-10-2022	CMSP	Auction	Jindal Steel and Power Ltd.				
16		Datima	1	13.30	08-06-2023	CMSP	Auction	Shree Cement Limited				
17		Gare Palma Sector - I	1	965.00	08-06-2023	CMSP	Auction	Jindal Power Limited				
18-19		Gare Palma IV/2 and Gare Palma IV/3	2	246.84	08-06-2023	CMSP	Auction	Jindal Power Limited				
Chhattisgarh Total			19	4117.67								
1		Jharkhand	Kathautia	1	21.10	23-03-2015	CMSP	Auction	Hindalco Industries Ltd.		PVT	NRS
2	Lohari		1	9.05	22-04-2015	CMSP	Auction	Araanya Mines Pvt. Ltd.				
3	Meral		1	12.67	22-04-2015	CMSP	Auction	Trimula Industries Ltd.				
4	Moitra		1	29.91	22-04-2015	CMSP	Auction	JSW Steel Ltd.				
5-6	Chatti Bariatu, Chatti Bariatu South		2	390.96	08-09-2015	CMSP	Allotment	NTPC	PSU(C)			
7	Kerandari		1	142.01	08-09-2015	CMSP	Allotment	NTPC				
8	Badam		1	90.50	31-08-2015	CMSP	Allotment	NTPC	PSU(S)	Power		
9	Banhardih		1	553.00	30-06-2015	CMSP	Allotment	PVUNL				
10	Pachhwara Central		1	239.75	31-03-2015	CMSP	Allotment	Punjab State Power Corp Ltd.				
11	Pachhwara North		1	374.56	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.				
12	Rajbar D & E		1	526.05	30-06-2015	CMSP	Allotment	Tenughat Vidyut Nigam Ltd.				
13	Saharpur Jamarpani		1	524.00	13-08-2015	CMSP	Allotment	UP Rajya Vidyut Utpadan Nigam Ltd.				
14	Tubed		1	139.00	07-10-2016	CMSP	Allotment	Damodar Valley Corp.	PVT			
15	Ganeshpur		1	91.80	22-04-2015	CMSP	Auction	GMR Chhattisgarh Energy Ltd.				
16-17	Kotre Basantpur & Pachmo		2	251.30	19-04-2018	CMSP	Allotment	CIL	PSU(C)	Sale of Coal		
18	Amarkonda Murgadangal		1	410.00	24-01-2019	CMSP	Allotment	CIL				
19	Chichro Patsimal		1	356.00	24-01-2019	CMSP	Allotment	CIL				
20	Tokisud North		1	51.97	17-08-2020	CMSP	Allotment	NMDC				

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Table 10.7 : Coal Blocks Allotted under Auction by CMSP Act

Sl. No.	State where the Block is Located	Block Allocated	No. of Blocks	Extractable Reserve (Qty. in MT)	Date of Allotment	Act	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU (C) /Pvt	End-use Plant	
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)	
21	Jharkhand	Brahmani	1	58.90	24-01-2019	CMSP	Allotment	CIL	PSU(S)	Sale of Coal	
22		Sugia Closed Mine	1	4.00	22-09-2020	CMSP	Allotment	Jharkhand State Mineral Development Corp.			
23		Brahmadiha	1	10.63	02-03-2021	CMSP	Auction	APMDCL			
24		Rajhara North (Central & Eastern)	1	17.09	03-03-2021	CMSP	Auction	Fairmine Carbons Pvt. Ltd.	PVT		
25		Gondulpara	1	74.88	08-03-2021	CMSP	Auction	Adani Enterprises Ltd.			
26		Urma Paharitola	1	700.00	03-03-2021	CMSP	Auction	Aurobindo Reality and Infrastructure Pvt. Ltd.			
27		Chakla	1	83.10	03-03-2021	CMSP	Auction	Hindalco Industries Ltd.			
28		Jogeswar & Khas Jogeswar	1	84.03	18-11-2021	CMSP	Auction	South West Pinnacle Exploration Ltd.	PSU(C)		
29		Rohne	1	241.00	18-06-2021	CMSP	Allotment	NMDC			
30		North Dhadu (Eastern Part)	1	439.00	14-12-2023	CMSP	Auction	NTPC Mining Ltd			
31		North Dhadu (Western Part)	1	435.00	14-12-2023	CMSP	Auction	NLCIL	PVT	Sale of Coal	
32		Rauta Closed Mine	1	7.00	18-11-2021	CMSP	Auction	Shreesatya Mine Pvt. Ltd.			
33-34		Brinda & Sasai	2	61.06	10-10-2022	CMSP	Auction	Dalmia Cement (Bharat) Ltd.			
35		Jitpur	1	81.10	17-01-2023	CMSP	Auction	Terra Mining Pvt. Ltd.			
36		Sitanala	1	108.85	08-06-2023	CMSP	Auction	JSW Steel Limited			
37		Choritand Tiliaya	1	97.04	08-06-2023	CMSP	Auction	Rungta Metals Private Limited			
38		Burakhap Small Patch	1	9.68	08-06-2023	CMSP	Auction	Shreesatya Mines Private Limited			
39		Parbatpur Central	1	235.72	08-06-2023	CMSP	Auction	JSW Steel Limited			
40		Patal East (Eastern Part)	1	35.00	08-06-2023	CMSP	Auction	RCR Steel Works Private Limited			
Jharkhand Total			40	6996.69							
1		Madhya Pradesh	Bicharpur	1	29.10	23-03-2015	CMSP	Auction	UltraTech Cement Ltd.	PVT	NRS
2			Sial Ghogri	1	5.11	23-03-2015	CMSP	Auction	Reliance Cement Company Pvt. Ltd.		
3			Bikram	1	20.97	10-02-2020	CMSP	Auction	Birla Corp. Ltd.		
4			Brahampuri	1	37.00	10-02-2020	CMSP	Auction	Birla Corp. Ltd.		
5			Amelia (North)	1	49.18	23-03-2015	CMSP	Auction	Jaiprakash Power Ventures Ltd.	PVT	
6			Amelia	1	393.60	17-01-2017	CMSP	Allotment	THDC	PSU(C)	
7			Suliyari	1	141.00	29-09-2016	CMSP	Allotment	APMDCL	PSU(S)	
8			Urtan North	1	69.82	03-03-2021	CMSP	Auction	JMS Mining Pvt. Ltd.	PVT	Power
9			Sahapur West	1	42.00	03-03-2021	CMSP	Auction	Sarda Energy And Minerals Ltd.		
10			Sahapur East	1	63.63	03-03-2021	CMSP	Auction	Chowgule And Company Pvt. Ltd.		
11-12			Gotitoria (East) & Gotitoria (West)	2	9.34	18-11-2021	CMSP	Auction	Boulder Stone Mart Pvt. Ltd..		
13			Marki Barka	1	72.05	17-01-2023	CMSP	Auction	Birla Corp. Ltd.		
14			Mandla North	1	195.38	08-06-2023	CMSP	Auction	Dalmia Cement (Bharat) Limited		
Madhya Pradesh Total			14	1128.18							
1		Maharashtra	Belgaon	1	12.65	23-03-2015	CMSP	Auction	Sunflag Iron and Steel Company Ltd.	PVT	NRS
2			Marki Mangli III	1	3.45	17-04-2015	CMSP	Auction	B.S. Ispat Ltd.		
3			Marki Mangli-I	1	1.78	30-09-2015	CMSP	Auction	Topworth Urja and Metals Ltd.		
4			Nerad Malegaon	1	10.62	22-04-2015	CMSP	Auction	Indrajit Power Pvt. Ltd.		

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Table 10.7 : Coal Blocks Allotted under Auction by CMSP Act

Sl. No.	State where the Block is Located	Block Allocated	No. of Blocks	Extractable Reserve (Qty. in MT)	Date of Allotment	Act	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU (C) /Pvt	End-use Plant		
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)		
5-10	Maharashtra	Baranj – I, II, III, IV, Kiloni & Manora Deep	6	89.39	31-03-2015	CMSP	Allotment	Karnataka Power Corp. Ltd.	PSU(S)	Power		
11		Marki Mangli II	1	11.54	03-03-2021	CMSP	Auction	Yazdani International Pvt. Ltd.	PVT	Sale of Coal		
12		Takli Jena Bellora (North) & Takli Jena Bellora (South)	1	40.00	03-03-2021	CMSP	Auction	Aurobindo Reality And Infrastructure Pvt. Ltd.				
13		Gondkhari	1	98.72	18-11-2021	CMSP	Auction	Adani Power Maharashtra Ltd.				
14		Marki Mangli-IV	1	3.42	17-01-2023	CMSP	Auction	Sobhagya Mercantile Ltd.				
Maharashtra Total			14	271.57								
1-2	Odisha	Utkal E & D	2	171.37	02-05-2016	CMSP	Allotment	NALCO	PSU(C)	NRS		
3		Jamkhani	1	132.73	10-02-2020	CMSP	Auction	Vedanta Ltd.	PVT			
4		Dulanga	1	141.55	08-09-2015	CMSP	Allotment	NTPC	PSU(C)	Power		
5		Talabira II & III	1	546.61	02-05-2016	CMSP	Allotment	NLC				
6-7		Manoharpur & Dipside of Manoharpur	2	46.05	31-08-2015	CMSP	Allotment	Odisha Coal & Power Ltd.	PSU(S)			
8		Naini	1	270.00	13-08-2015	CMSP	Allotment	SCCL				
9		Mandakini	1	287.89	02-03-2020	CMSP	Allotment	KPCL				
10		Talabira-I	1	2.40	23-03-2015	CMSP	Auction	GMR Chhattisgarh Energy Ltd.	PVT			
11		Utkal A	1	332.85	18-11-2021	CMSP	Allotment	MCL Ltd.	PSU(C)	Sale of Coal		
12		Baitarni West	1	1097.48	08-06-2023	CMSP	Auction	Gujarat Mineral Development Corporation Ltd				
13		Radhikapur (West)	1	258.00	03-03-2021	CMSP	Auction	Vedanta Ltd.				
14		Utkal-C	1	196.35	10-10-2022	CMSP	Auction	Jindal Steel and Power Ltd.				
15-16		Utkal B1 & B2	2	347.08	10-10-2022	CMSP	Auction	Jindal Steel and Power Ltd.				
17		Bijahan	1	327.05	10-10-2022	CMSP	Auction	Mahanadi Mines & Minerals Pvt. Ltd..				
18		Chendipada (Revised)	1	970.00	08-06-2023	CMSP	Auction	Rungta Sons Private Limited				
Odisha Total			18	5127.40								
1		Telangana	Tadicherla-I	1	38.70	31-08-2015	CMSP	Allotment	Telangana State Power Generation Corp. Ltd.	PSU(S)	Power	
Telangana Total			1	38.70								
1	West Bengal	Ardhagram	1	1.32	14-07-2016	CMSP	Auction	OCL Iron and Steel LTD*	PVT	NRS		
2		Jagannathpur B	1	169.00	13-02-2020	CMSP	Auction	Powerplus Traders Pvt. Ltd.				
3		Barjora	1	1.45	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.	PSU(S)			
4		Barjora (North)	1	3.57	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.				
5-6		Gangaramchak & Gangaramchak Bhadulia	2	6.76	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.				
7-8		Tara (East) and Tara (West)	2	11.06	31-03-2015	CMSP	Allotment	West Bengal Power Development Corp. Ltd.				
9		Trans Damodar	1	18.81	23-03-2015	CMSP	Auction	The Durgapur Projects Ltd.				
10		Sarshatolli	1	37.00	23-03-2015	CMSP	Auction	CESC Ltd.	PVT			
11		Gourangdih ABC	1	129.15	29-09-2016	CMSP	Allotment	West Bengal Minrel Development Corp. Ltd.	PSU(S)	Sale of Coal		
12		Khagra Joydeb	1	178.27	08-06-2023	CMSP	Auction	Orissa Metallurgical Industry Private Limited				
13		East of Danagoria	1	337.00	21-11-2019	CMSP	Allotment	BCCL				
14		Kasta East	1	105.42	12-12-2022	CMSP	Auction	Jitusol developers Pvt. Ltd..				
West Bengal Total			14	998.81								
All India			121	18694.00								

Table 10.8 : Coal Blocks not Cancelled by Hon'ble Supreme Court

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Geological/ Extractable Reserve (Qty. in MT)	Name of the Party		Type of Company: PSU(S)/PSU (C) /Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Pakri-Barwadih	1	Jharkhand	607.81	11.10.2004	NTPC	PSU(C)	Power
Total Jharkhand Power		1		607.81				
2	Tasra	1	Jharkhand	96.31	26.02.1996	Steel Authority of India Ltd.	PSU(C)	NRS
Total Jharkhand NRS		1		96.31				
3-4	Moher, Moher-Amlori Extn.	2	Madhya Pradesh	333.77	13.09.2006	Power Finance Corporation Sasan UMPP	PSU(C)	UMPP
Total Madhya Pradesh UMPP		2		333.77				
Total		4		1037.89				

11.

World Coal Statistics



Section XI

World Coal Review

11.1 World Coal

11.1.1 World coal reserve (including lignite) is dispersed unevenly over different regions of the world. Statement 11.1 shows the distribution of world coal reserves in different countries by the end of 2023. It can be seen that the top five places, as per coal reserve, are occupied by the U.S. (23.18%), Russian Federation (15.10%), Australia (13.99%), China (13.33%) and India (10.34%). These five countries together account for 75.94% of the total world coal reserves.

Statement 11.1: World Proved Coal and Lignite Reserve (MT) at the end of 2023e		
Country / Group	Reserve	% Share
US	248941	23.18%
Russian Federation	162166	15.10%
Australia	150227	13.99%
China	143197	13.33%
India	111052	10.34%
Germany	35900	3.34%
Indonesia	34869	3.25%
Ukraine	34375	3.20%
Poland	28395	2.64%
Kazakhstan	25605	2.38%
Others	99381	9.25%
Total World	1074108	100.00%

Source: BP Statistics

11.2 Production

In the year 2023, the global production of coal was 9095.65 MT, an increase of 3.11% from 8821.31 MT in 2022. Statement 11.2 shows main coal producing countries during 2023. In this Statement it can be seen that the top six positions are occupied by China (4710 MT), India (1010.90 MT), Indonesia (775.18 MT), US (526.52 MT), Australia (455.77 MT) and Russian Federation (432.50 MT) and these six countries together account for about 86.97% of total world coal production whereas China alone accounts for 51.78% of the world coal production. The trends of some of the leading countries are shown in Statement 11.3 for coking coal and in Statement 11.4 for lignite production.

Statement 11.2: World Coal Production (MT) in 2023e		
Country / Group	Production	% Share
P R of China	4710.00	51.78%
India	1010.90	11.11%
Indonesia	775.18	8.52%
United States	526.52	5.79%
Australia	455.77	5.01%
Russian Federation	432.50	4.76%
South Africa	228.5	2.51%
Kazakhstan	116.35	1.28%
Germany	102.30	1.12%
Poland	88.70	0.98%
Others	648.93	7.14%
World	9095.65	100.00%

Source: BP Statistics

11.2.2 World Coking Coal production during 2023 is given in Statement 11.3.

Statement 11.3: World Coking Coal Production (MT) in 2023e		
Country	Production	% Share
P R of China	553.96	53.27%
Australia	168.59	16.21%
Russian Federation	106.96	10.29%
India	56.90	5.47%
United States	55.25	5.31%
Canada	27.41	2.64%
Mongolia	25.35	2.44%
Poland	12.36	1.19%
Colombia	9.09	0.87%
Indonesia	6.08	0.58%
Others	17.90	1.73%
World	1039.85	100.00%

Source: IEA

11.2.3 Statement 11.4 provides world lignite production during 2023 by major lignite producing countries.

Statement 11.4: World Lignite Production (MT) in 2023e		
Country	Production	% Share
Germany	130.80	18.12%
Turkiye	92.30	12.79%
Russian	77.61	10.75%
Poland	54.62	7.57%
India	44.99	6.23%
United States	43.11	5.97%
Australia	40.30	5.58%
Bulgaria	35.52	4.92%
Serbia	35.13	4.87%
Czech Republic	33.39	4.62%
Others	134.11	18.58%
World	721.88	100.0%

Source: IEA

11.3 Import and Export

11.3.1 In 2023, world Coal Import was 1357.930 MT against 1478.420 MT in 2022. During 2023, Imports of coking coal and non-coking coal were 285.946 MT and 1071.984 MT respectively. Import of lignite was 7.438 MT. Statement 11.5 shows major country wise import of coking coal and non-coking coal during 2023.

Statement 11.5: World Coal Import (MT) in 2023e			
Country	Import		
	Coking Coal	Non Coking Coal	Total Coal
P R of China	63.838	240.925	304.764
India	62.555	162.583	225.138
Japan	41.291	139.069	180.360
Korea	22.266	102.885	125.151
Chinese Taipei	6.855	56.791	63.646
Germany	11.575	30.690	42.265
Turkiye	5.209	32.410	37.619
Philippines	0.000	32.696	32.696
Malaysia	0.000	32.367	32.367
Vietnam	8.991	21.745	30.736
Thailand	0.000	22.403	22.403
Russian	1.322	20.478	21.800
Poland	3.010	17.015	20.025
Pakistan	0.000	19.207	19.207
Others	59.033	140.720	199.753
World	285.946	1071.984	1357.930

Source: IEA

11.3.2. In 2023, total coal export was 1346.793 MT against 1388.933 MT in 2022. During 2023, export of coking coal was 303.962 MT, non-coking coal was 1042.832 MT, and lignite was 22.905 MT. Statement 11.6 shows major country wise export of coal during 2023.

Statement 11.6: World Coal Export (MT) in 2023e			
Country	Export		
	Coking Coal	Non Coking Coal	Total Coal
Indonesia	6.078	464.899	470.977
Australia	161.073	197.664	358.737
Russian	31.897	151.145	183.042
United States	42.164	35.788	77.952
South Africa	0.846	64.610	65.456
Colombia	1.926	54.492	56.418
Canada	28.055	8.169	36.224
Kazakhstan	0.793	27.579	28.372
Mongolia	20.936	3.208	24.144
Mozambique	4.794	9.443	14.237
Philippines	0.000	7.094	7.094
Poland	3.257	2.105	5.362
P R of China	0.255	3.723	3.978
Spain	0.000	1.420	1.420
New Zealand	1.134	0.144	1.278
Vietnam	0.000	1.199	1.199
India	0.027	1.136	1.163
Others	0.726	9.013	9.739
World	303.962	1042.832	1346.793

Source: IEA

11.4 Coal Price

11.4.1 Comparison of international coal prices has certain limitations. Table 11.4 provides some indications of the world coal price.

Table 11.1 : World Proved Coal and Lignite Reserves at the End of 2023

(Qty. in MT)

Countries	Anthracite and Bituminous	Sub Bituminous and Lignite	Total	Share of Total	R/P Ratio	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Canada	4346	2236	6582	0.6%	166	* More than 500 years.
Mexico	1160	51	1211	0.1%	185	* Less than 0.05%.
US	218938	30003	248941	23.2%	*	
Total North America	224444	32290	256734	23.9%	484	
Brazil	1547	5049	6596	0.6%	*	Notes: Total proved reserves of coal- Generally taken to be those quantities that geological and engineering information indicates with reasonable certainty can be recovered in the future from known reservoirs under existing economic and operating conditions. The data series for total proved coal reserves does not necessarily meet the definitions, guidelines and practices used for determining proved reserves at company level, for instance as published by the US Securities and Exchange Commission, nor does it necessarily represent BP's view of proved reserves by country.
Colombia	4554	-	4554	0.4%	90	
Venezuela	731	-	731	0.1%	*	
Other S. & Cent. America	1784	24	1808	0.2%	*	
Total S. & Cent. America	8616	5073	13689	1.3%	240	
Bulgaria	192	2174	2366	0.2%	192	
Czech Republic	1081	2514	3595	0.3%	113	
Germany	-	35900	35900	3.3%	334	
Greece	-	2876	2876	0.3%	205	
Hungary	276	2633	2909	0.3%	475	
Poland	22530	5865	28395	2.6%	282	
Romania	11	280	291	◆	19	
Serbia	402	7112	7514	0.7%	189	
Spain	868	319	1187	0.1%	282	
Turkey	550	10975	11525	1.1%	168	
Ukraine	32039	2336	34375	3.2%	*	
United Kingdom	26	-	26	◆	16	
Other Europe	1109	5172	6281	0.6%	189	
Total Europe	59084	78156	137240	12.8%	299	
Kazakhstan	25605	-	25605	2.4%	226	
Russian Federation	71719	90447	162166	15.1%	407	
Uzbekistan	1375	-	1375	0.1%	333	
Other CIS	1509	-	1509	0.1%	336	
Total CIS	100208	90447	190655	17.8%	367	
South Africa	9893	-	9893	0.9%	40	Reserves-to-production (R/P) ratios are calculated excluding other solid fuels in reserves and production.
Zimbabwe	502	-	502	◆	153	
Other Africa	4376	66	4442	0.4%	280	
Middle East	1203	-	1203	0.1%	*	
Total Middle East & Africa	15974	66	16040	1.5%	60	
Australia	73719	76508	150227	14.0%	315	Shares of total and R/P ratios are calculated using million tonnes figures.
China	135069	8128	143197	13.3%	37	
India	105979	5073	111052	10.3%	147	
Indonesia	23141	11728	34869	3.2%	62	
Japan	340	10	350	◆	453	
Mongolia	1170	1350	2520	0.2%	58	
New Zealand	825	6750	7575	0.7%	*	
Pakistan	207	2857	3064	0.3%	396	
South Korea	326	-	326	◆	320	
Thailand	-	1063	1063	0.1%	80	
Vietnam	3116	244	3360	0.3%	69	
Other Asia Pacific	1421	726	2147	0.2%	33	
Total Asia Pacific	345313	114437	459750	42.8%	78	
Total World	753639	320469	1074108	100.0%	139	
of which: OECD	331303	177130	508433	47.3%	363	
Non-OECD	422336	143339	565675	52.7%	90	
European Union	25539	53051	78590	7.3%	266	

Source: statistics are taken from national statistical agencies, international organizations, and other proprietary sources. Includes data from Federal Institute for Geosciences and Natural Resources (BGR) Energy

Table 11.2 : Trend of Coal Production By major Coal Producing Countries

(Qty. in MT)

Countries	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Change 2023 over 2022	Average Growth Rate Per Annum 2013-23	2023 Share of Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Canada	68.4	68.3	62.4	62.4	60.6	55.0	53.2	46.1	47.6	46.7	48.6	4.0%	-3.3%	0.5%
Mexico	14.6	14.9	12.3	11.4	12.9	11.9	9.8	7.7	5.5	5.5	5.6	0.1%	-9.2%	0.1%
US	893.4	907.2	813.7	660.8	702.7	686.0	640.8	485.7	523.8	539.0	526.5	-2.3%	-5.1%	5.8%
Total North America	976.5	990.4	888.3	734.5	776.2	752.9	703.7	539.6	577.0	591.3	580.6	-1.8%	-5.0%	6.4%
Brazil	9.5	9.4	8.0	7.5	5.8	6.4	5.8	7.1	8.0	7.6	6.8	-10.1%	-3.2%	0.1%
Colombia	86.1	89.4	86.5	91.2	91.5	86.9	85.9	54.4	59.1	58.0	54.5	-5.9%	-4.4%	0.6%
Venezuela	1.2	0.8	0.8	0.7	0.7	0.7	0.4	0.3	0.2	0.8	0.8	-	-4.1%	♦
Other S. & Cent. America	3.2	4.5	3.4	2.8	1.8	1.6	1.1	0.4	0.2	0.3	0.3	11.8%	-21.5%	♦
Total S. & Cent. America	99.9	104.0	98.8	102.3	99.9	95.6	93.3	62.2	67.6	66.6	62.5	-6.2%	-4.6%	0.7%
Bulgaria	28.6	31.3	35.9	31.3	34.3	30.6	28.3	22.6	28.4	35.6	21.0	-40.9%	-3.0%	0.2%
Czech Republic	49.1	47.1	46.5	45.5	44.9	43.8	41.0	31.6	31.5	35.1	30.0	-14.7%	-4.8%	0.3%
Germany	190.6	185.8	184.3	175.4	175.1	168.8	131.3	107.4	126.3	130.8	102.3	-21.8%	-6.0%	1.1%
Greece	53.9	50.8	46.2	32.6	37.7	36.5	27.4	14.1	12.4	14.3	10.9	-23.6%	-14.8%	0.1%
Hungary	9.6	9.6	9.3	9.2	8.0	7.9	6.8	6.1	5.0	4.9	4.1	-17.4%	-8.2%	♦
Poland	142.9	137.1	135.8	131.0	127.1	122.4	112.4	100.7	107.6	107.8	88.7	-17.7%	-4.6%	1.0%
Romania	24.7	23.6	25.5	23.0	25.8	23.7	21.7	15.0	17.7	18.2	14.8	-18.8%	-5.0%	0.2%
Serbia	40.3	29.8	37.8	38.5	39.8	37.6	38.9	39.7	36.4	35.1	31.9	-9.1%	-2.3%	0.4%
Spain	4.4	3.9	3.1	1.7	3.0	2.4	0.1	0.1	0.1	0.1	0.1	-	-33.7%	♦
Turkey	60.4	65.2	58.4	73.0	74.1	83.9	87.1	74.7	86.5	95.3	66.4	-30.4%	1.0%	0.7%
Ukraine	64.9	45.7	30.4	32.2	24.7	26.8	26.1	24.4	26.2	24.1	23.3	-3.3%	-9.7%	0.3%
United Kingdom	12.8	11.6	8.6	4.2	3.0	2.8	2.6	1.7	1.1	0.7	0.5	-22.3%	-27.6%	♦
Other Europe	70.7	67.2	64.5	61.7	65.1	66.3	56.8	50.2	47.6	50.7	46.2	-8.9%	-4.2%	0.5%
Total Europe	752.8	708.8	686.3	659.4	662.6	653.5	580.5	488.3	526.7	552.6	440.1	-20.4%	-5.2%	4.8%
Kazakhstan	119.6	114.0	107.3	103.1	112.3	118.5	115.0	113.4	116.2	117.8	116.4	-1.2%	-0.2%	1.3%
Russian Federation	355.2	357.5	372.5	386.6	411.0	441.3	440.7	399.8	434.1	439.0	432.5	-1.5%	2.0%	4.8%
Uzbekistan	4.1	4.4	3.5	3.9	4.0	4.2	4.0	4.1	5.1	5.4	6.2	15.5%	4.3%	0.1%
Other CIS	4.2	4.1	4.0	4.6	5.7	7.7	7.9	6.2	6.6	8.6	8.4	-2.4%	7.2%	0.1%
Total CIS	483.1	480.0	487.3	498.1	533.0	571.6	567.6	523.5	561.9	570.8	563.4	-1.3%	1.6%	6.2%
Total Middle East	1.5	1.5	1.6	1.8	1.8	2.2	2.0	2.1	2.4	4.9	10.3	110.1%	21.1%	0.1%
South Africa	256.3	261.4	252.2	249.7	252.3	250.0	254.4	248.1	233.7	229.9	228.5	-0.6%	-1.1%	2.5%
Zimbabwe	3.1	5.8	4.3	2.7	2.9	3.3	2.6	2.7	3.2	3.9	5.0	26.6%	4.9%	0.1%
Other Africa	8.3	9.4	9.7	9.2	16.7	20.3	15.1	13.2	17.3	23.3	23.6	1.1%	11.1%	0.3%
Total Africa	267.7	276.6	266.2	261.7	271.9	273.7	272.2	264.0	254.3	257.2	257.1	♦	-0.4%	2.8%
Australia	472.8	505.3	503.7	502.1	487.2	502.2	505.6	470.0	460.3	440.1	455.8	3.6%	-0.3%	5.0%
China	3974.3	3873.9	3746.5	3410.6	3523.6	3697.7	3846.3	3901.6	4125.8	4558.6	4710.0	3.3%	1.7%	51.8%
India	608.5	646.2	674.2	689.8	711.7	760.4	753.9	760.2	812.1	910.8	1010.9	11.0%	5.2%	11.1%
Indonesia	474.4	458.1	461.6	456.2	461.2	557.8	616.2	563.7	614.0	687.4	775.2	12.8%	5.1%	8.5%
Japan	1.2	1.3	1.2	1.3	1.4	1.0	0.8	0.8	0.7	0.7	0.6	-8.8%	-6.2%	♦
Mongolia	33.3	24.4	24.1	35.1	49.5	54.6	57.1	43.1	32.3	39.3	83.2	111.6%	9.6%	0.9%
New Zealand	4.6	4.0	3.4	2.9	2.9	3.2	3.0	2.8	2.9	2.6	2.6	-1.4%	-5.6%	♦
Pakistan	3.0	3.4	3.3	4.1	4.2	4.4	7.1	9.5	10.2	10.0	17.1	71.0%	19.1%	0.2%
South Korea	1.8	1.7	1.8	1.7	1.5	1.2	1.1	1.0	0.9	0.8	0.6	-21.1%	-9.8%	♦
Thailand	18.1	18.0	15.2	17.0	16.3	14.9	14.1	13.3	14.2	13.6	12.8	-6.1%	-3.4%	0.1%
Vietnam	41.1	41.1	41.7	38.7	38.4	42.4	46.4	44.6	48.3	49.9	48.2	-3.4%	1.6%	0.5%
Other Asia Pacific	43.7	44.2	47.7	64.2	61.6	58.8	64.9	60.9	57.5	64.0	64.6	0.9%	4.0%	0.7%
Total Asia Pacific	5676.8	5621.7	5524.3	5223.8	5359.5	5698.5	5916.5	5871.5	6179.2	6777.9	7181.6	6.0%	2.4%	79.0%
Total World	8258.3	8183.0	7952.8	7481.6	7704.9	8048.1	8135.7	7751.2	8169.1	8821.3	9095.6	3.1%	1.0%	100.0%
of which: OECD	2111.9	2147.8	2016.5	1842.1	1872.1	1855.2	1738.4	1427.0	1491.7	1504.2	1418.0	-5.7%	-3.9%	15.6%
Non-OECD	6146.5	6035.3	5936.3	5639.5	5832.8	6192.9	6397.3	6324.2	6677.4	7317.1	7677.6	4.9%	2.3%	84.4%
European Union #	543.9	527.3	521.3	481.6	492.2	473.4	397.3	318.8	348.9	368.2	291.7	-20.8%	-6.0%	3.2%

* Commercial solid fuels only, i.e. bituminous coal and anthracite (hard coal), and lignite and brown (sub-bituminous) coal, and other commercial solid fuels. Includes coal produced for Coal-to-Liquids and Coal-to-Gas transformations.

^ Less than 0.05.

w Less than 0.05%.

n/a not available.

USSR includes CIS, Georgia, Ukraine and the Baltic States.

Excludes Estonia, Latvia and Lithuania prior to 1985 and Croatia and Slovenia prior to 1990.

Notes: Annual changes and shares of total are calculated using million tonnes figures.

Table 11.3 : Coal Despatch/offtake in major Coal Consuming Countries of the World

(Qty. in Exajoules)

Countries	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Change 2023 over 2022	Average Growth Rate Per Annum 2013-23	2023 Share of Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Canada	0.86	0.82	0.77	0.77	0.80	0.65	0.61	0.53	0.47	0.39	0.37	-3.7%	-8.1%	0.2%
Mexico	0.53	0.53	0.53	0.52	0.64	0.57	0.54	0.24	0.20	0.24	0.26	8.1%	-6.8%	0.2%
US	18.08	18.04	15.58	14.26	13.87	13.28	11.34	9.20	10.57	9.91	8.20	-17.3%	-7.6%	5.0%
Total North America	19.48	19.39	16.89	15.55	15.30	14.50	12.49	9.97	11.24	10.54	8.83	-16.2%	-7.6%	5.4%
Argentina	0.05	0.06	0.06	0.04	0.05	0.05	0.03	0.04	0.05	0.05	0.05	-14.1%	-1.5%	♦
Brazil	0.69	0.73	0.74	0.67	0.70	0.69	0.65	0.59	0.71	0.59	0.57	-2.2%	-1.8%	0.3%
Chile	0.32	0.32	0.31	0.31	0.32	0.31	0.31	0.26	0.29	0.24	0.18	-26.4%	-5.7%	0.1%
Colombia	0.21	0.22	0.21	0.23	0.17	0.16	0.19	0.17	0.11	0.10	0.16	52.9%	-3.0%	0.1%
Ecuador	^	^	^	^	^	^	^	^	^	^	^	^	-13.9%	16.8%
Peru	0.04	0.04	0.03	0.04	0.03	0.03	0.03	0.02	0.03	0.03	0.03	0.03	-3.4%	-2.2%
Trinidad & Tobago	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	0.01	0.01	0.01	0.01	0.01	^	^	^	^	0.01	0.01	-	-2.6%	♦
Central America	0.04	0.04	0.05	0.06	0.04	0.06	0.07	0.06	0.07	0.05	0.05	15.1%	3.3%	♦
Other Caribbean	0.08	0.08	0.08	0.08	0.07	0.07	0.10	0.12	0.11	0.12	0.12	1.7%	4.6%	0.1%
Other South America	^	^	^	^	^	^	^	^	^	^	^	^	11.4%	6.2%
Total S. & Cent. America	1.43	1.50	1.48	1.43	1.40	1.38	1.39	1.27	1.38	1.19	1.16	-1.8%	-2.0%	0.7%
Austria	0.14	0.13	0.14	0.13	0.13	0.12	0.12	0.10	0.11	0.10	0.10	-6.6%	-3.5%	0.1%
Belgium	0.15	0.14	0.14	0.13	0.13	0.13	0.13	0.10	0.11	0.12	0.10	-14.9%	-3.9%	0.1%
Bulgaria	0.25	0.27	0.27	0.24	0.26	0.23	0.21	0.17	0.22	0.26	0.16	-38.7%	-4.3%	0.1%
Croatia	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	-17.4%	-6.7%	♦
Cyprus	^	^	^	^	^	^	^	^	^	^	^	^	-9.0%	60.9%
Czech Republic	0.71	0.69	0.68	0.69	0.67	0.67	0.60	0.52	0.54	0.56	0.47	-15.3%	-4.0%	0.3%
Denmark	0.14	0.11	0.08	0.09	0.07	0.07	0.04	0.03	0.04	0.04	0.03	-33.6%	-14.2%	♦
Estonia	0.17	0.17	0.15	0.16	0.18	0.18	0.13	0.10	0.11	0.12	0.10	-19.7%	-5.5%	0.1%
Finland	0.21	0.19	0.16	0.18	0.17	0.18	0.15	0.11	0.12	0.12	0.09	-26.1%	-8.2%	0.1%
France	0.53	0.39	0.37	0.36	0.39	0.36	0.29	0.20	0.27	0.23	0.18	-23.3%	-10.3%	0.1%
Germany	3.47	3.33	3.29	3.20	3.01	2.90	2.25	1.85	2.24	2.31	1.83	-21.0%	-6.2%	1.1%
Greece	0.29	0.28	0.24	0.18	0.20	0.20	0.13	0.08	0.07	0.07	0.05	-28.3%	-16.6%	♦
Hungary	0.10	0.09	0.10	0.09	0.09	0.09	0.08	0.07	0.06	0.05	0.04	-30.2%	-9.2%	♦
Iceland	^	^	^	^	^	^	^	^	^	^	^	^	-28.1%	-2.7%
Ireland	0.09	0.08	0.09	0.09	0.08	0.06	0.04	0.04	0.05	0.04	0.03	-31.7%	-10.8%	♦
Italy	0.57	0.55	0.52	0.46	0.40	0.37	0.28	0.21	0.23	0.31	0.22	-30.3%	-9.1%	0.1%
Latvia	^	^	^	^	^	^	^	^	^	^	^	^	-45.4%	-20.1%
Lithuania	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	^	-38.7%	-8.3%
Luxembourg	^	^	^	^	^	^	^	^	^	^	^	^	-18.5%	-3.5%
Netherlands	0.34	0.38	0.46	0.43	0.39	0.35	0.27	0.17	0.23	0.23	0.16	-31.6%	-7.4%	0.1%
North Macedonia	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	5.5%	-2.7%	♦
Norway	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03	2.7%	0.7%	♦
Poland	2.23	2.07	2.04	2.07	2.08	2.09	1.86	1.72	1.90	1.78	1.51	-15.6%	-3.8%	0.9%
Portugal	0.11	0.11	0.14	0.12	0.14	0.11	0.05	0.02	0.01	^	^	^	-28.6%	-46.6%
Romania	0.25	0.24	0.25	0.22	0.23	0.21	0.21	0.15	0.17	0.15	0.11	-24.5%	-7.4%	0.1%
Slovakia	0.14	0.14	0.14	0.13	0.14	0.14	0.11	0.10	0.12	0.10	0.10	-4.5%	-3.9%	0.1%
Slovenia	0.06	0.04	0.04	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	-8.5%	-6.4%	♦
Spain	0.48	0.49	0.57	0.44	0.56	0.48	0.21	0.12	0.13	0.16	0.12	-24.2%	-13.0%	0.1%
Sweden	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	-1.8%	-2.9%	♦
Switzerland	0.01	0.01	0.01	^	^	^	^	^	^	^	^	^	-	-3.6%
Turkey	1.32	1.51	1.45	1.61	1.65	1.71	1.76	1.70	1.74	1.76	1.65	-6.3%	2.3%	1.0%
Ukraine	1.73	1.49	1.14	1.36	1.08	1.17	1.09	0.96	0.95	0.54	0.49	-10.5%	-11.9%	0.3%
United Kingdom	1.57	1.26	1.00	0.51	0.41	0.35	0.25	0.23	0.23	0.21	0.18	-12.6%	-19.3%	0.1%
Other Europe	0.61	0.50	0.58	0.60	0.59	0.59	0.57	0.59	0.56	0.54	0.51	-5.6%	-1.7%	0.3%
Total Europe	15.86	14.88	14.24	13.74	13.29	12.98	11.06	9.57	10.44	10.02	8.39	-16.2%	-6.1%	5.1%

Contd.....

Table 11.3 : Coal Despatch/offtake in major Coal Consuming Countries of the World

(Qty. in Exajoules)

Countries	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Change 2023 over 2022	Average Growth Rate Per Annum 2013-23	2023 Share of Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Azerbaijan	^	^	^	^	^	^	^	^	^	^	^	-	-32.3%	♦
Belarus	0.04	0.03	0.03	0.03	0.04	0.05	0.06	0.04	0.04	0.04	0.04	3.5%	1.5%	♦
Kazakhstan	1.57	1.55	1.14	1.34	1.47	1.52	1.44	1.37	1.40	1.41	1.39	-1.7%	-1.2%	0.8%
Russian Federation	3.79	3.67	3.86	3.74	3.51	3.63	3.57	3.29	3.43	3.84	3.83	-0.2%	0.1%	2.3%
Uzbekistan	0.07	0.07	0.05	0.06	0.06	0.09	0.08	0.10	0.09	0.11	0.14	28.0%	6.7%	0.1%
Other CIS	0.06	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.09	0.09	1.5%	4.5%	0.1%
Total CIS	5.52	5.39	5.17	5.25	5.16	5.38	5.23	4.88	5.05	5.49	5.49	♦	♦	3.3%
Iran	0.03	0.04	0.05	0.04	0.04	0.06	0.07	0.08	0.08	0.08	0.08	1.8%	9.5%	♦
Israel	0.30	0.28	0.27	0.23	0.21	0.20	0.21	0.18	0.16	0.16	0.14	-13.5%	-7.3%	0.1%
Kuwait	0.01	0.01	0.01	0.01	0.01	0.01	0.01	^	^	0.01	0.01	-	-7.0%	♦
Oman	^	^	^	^	^	^	^	^	^	0.01	0.01	-	10.5%	♦
Qatar	^	^	^	^	^	^	^	^	^	^	^	14.1%	5.7%	♦
Saudi Arabia	^	0.01	^	^	^	^	^	^	^	^	^	-	0.9%	♦
United Arab Emirates	0.07	0.08	0.07	0.08	0.09	0.08	0.07	0.09	0.11	0.10	0.10	1.8%	3.3%	0.1%
Other Middle East	0.02	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.03	0.04	76.5%	7.9%	♦
Total Middle East	0.44	0.44	0.42	0.38	0.38	0.37	0.38	0.37	0.38	0.38	0.38	0.2%	-1.5%	0.2%
Algeria	0.01	0.01	0.01	^	0.01	0.02	0.02	0.01	0.01	0.01	0.01	-11.1%	0.5%	♦
Egypt	0.02	0.02	0.03	0.05	0.05	0.09	0.08	0.03	0.05	0.04	0.05	13.7%	12.0%	♦
Morocco	0.13	0.17	0.19	0.18	0.19	0.22	0.28	0.29	0.31	0.31	0.29	-6.2%	8.8%	0.2%
South Africa	3.70	3.75	3.52	3.78	3.72	3.53	3.76	3.68	3.59	3.38	3.33	-1.6%	-1.0%	2.0%
Eastern Africa	0.16	0.24	0.21	0.16	0.20	0.22	0.18	0.18	0.20	0.22	0.24	11.6%	4.4%	0.1%
Middle Africa	^	^	^	^	0.01	0.01	0.01	0.01	0.01	0.02	0.02	33.9%	33.4%	♦
Western Africa	0.02	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.07	0.07	0.07	-5.6%	13.9%	♦
Other Northern Africa	-	-	-	-	-	^	^	^	^	^	^	-	-	♦
Other Southern Africa	0.05	0.06	0.06	0.06	0.07	0.07	0.06	0.05	0.07	0.07	0.08	1.2%	4.4%	♦
Total Africa	4.08	4.27	4.04	4.29	4.29	4.21	4.45	4.30	4.31	4.12	4.08	-1.0%	♦	2.5%
Australia	1.89	1.88	1.95	1.94	1.88	1.83	1.75	1.69	1.63	1.54	1.51	-2.3%	-2.2%	0.9%
Bangladesh	0.05	0.03	0.11	0.08	0.09	0.10	0.17	0.19	0.15	0.20	0.28	41.3%	18.2%	0.2%
China	82.45	82.10	80.38	78.03	78.90	80.47	82.52	84.25	87.54	87.83	91.94	4.7%	1.1%	56.0%
China Hong Kong SAR	0.33	0.34	0.28	0.28	0.26	0.27	0.26	0.14	0.15	0.15	0.15	-2.3%	-7.6%	0.1%
India	14.44	15.84	16.17	16.52	17.05	17.93	17.96	16.97	19.27	20.03	21.98	9.8%	4.3%	13.4%
Indonesia	1.59	1.69	1.92	1.96	2.04	2.36	2.88	2.76	2.75	4.38	4.32	-1.4%	10.6%	2.6%
Japan	5.07	4.99	5.03	5.02	5.10	4.99	4.91	4.57	4.93	4.92	4.54	-7.7%	-1.1%	2.8%
Malaysia	0.63	0.64	0.73	0.78	0.87	0.93	0.88	1.04	0.96	0.95	0.98	3.8%	4.6%	0.6%
New Zealand	0.06	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.07	0.05	0.04	-10.6%	-4.4%	♦
Pakistan	0.13	0.20	0.20	0.22	0.30	0.50	0.56	0.65	0.72	0.64	0.62	-4.0%	16.5%	0.4%
Philippines	0.42	0.45	0.49	0.55	0.65	0.68	0.73	0.73	0.79	0.80	0.88	10.4%	7.8%	0.5%
Singapore	0.01	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.01	-18.9%	2.5%	♦
South Korea	3.41	3.53	3.58	3.41	3.61	3.63	3.44	3.02	3.04	2.87	2.69	-6.1%	-2.3%	1.6%
Sri Lanka	0.02	0.04	0.05	0.05	0.06	0.05	0.06	0.07	0.07	0.07	0.06	-10.2%	11.5%	♦
Taiwan	1.68	1.70	1.65	1.67	1.70	1.70	1.67	1.56	1.68	1.58	1.49	-5.8%	-1.2%	0.9%
Thailand	0.68	0.75	0.73	0.75	0.75	0.80	0.71	0.76	0.78	0.71	0.60	-15.0%	-1.1%	0.4%
Vietnam	0.72	0.87	1.10	1.19	1.19	1.58	2.09	2.20	2.09	1.90	2.32	22.2%	12.5%	1.4%
Other Asia Pacific	0.55	0.62	0.57	0.67	1.15	1.13	1.26	1.23	1.13	1.17	1.27	8.8%	8.8%	0.8%
Total Asia Pacific	114.14	115.74	115.00	113.21	115.67	119.05	121.94	121.91	127.75	129.80	135.70	4.5%	1.8%	82.7%
Total World	160.95	161.62	157.25	153.85	155.50	157.87	156.95	152.27	160.56	161.53	164.03	1.6%	0.2%	100.0%
of which: OECD	43.69	42.97	40.22	38.01	37.73	36.40	32.28	27.58	29.96	28.88	25.15	-12.9%	-5.3%	15.3%
Non-OECD	117.26	118.64	117.03	115.85	117.77	121.47	124.67	124.69	130.60	132.65	138.88	4.7%	1.7%	84.7%
European Union #	10.54	10.02	9.99	9.59	9.47	9.08	7.31	6.03	6.89	6.89	5.48	-20.4%	-6.3%	3.3%

^ Less than 0.005. * Less than 0.05%. n/a not available.

USSR includes CIS, Georgia, Ukraine and the Baltic States.

#Excludes Estonia, Latvia and Lithuania prior to 1985 and Croatia and Slovenia prior to 1990.

Notes: Differences between these consumption figures and the world production statistics are accounted for by stock changes, and unavoidable disparities in the definition, measurement or conversion of coal supply and demand data.

Annual changes and share of total are calculated using exajoules figures.

Table 11.4 : Trend of World Coal Prices upto 2023

(in USD/ Tonne)

Year	Northwest Europe Marker Price †	US Central Appalachian Coal Spot Price Index ‡	Japan Steam Spot CIF price †	China Qinhuangdao Spot Price*	Japan Coking Coal Import CIF Price	Japan Steam Coal Import CIF Price	Asian Marker Price †	Newcastle Thermal Coal FOB#
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1987	31.30	-	-	-	53.44	41.28	-	-
1988	39.94	-	-	-	55.06	42.47	-	-
1989	42.08	-	-	-	58.68	48.86	-	-
1990	43.48	31.59	-	-	60.54	50.81	-	-
1991	42.80	29.01	-	-	60.45	50.30	-	-
1992	38.53	28.53	-	-	57.82	48.45	-	-
1993	33.68	29.85	-	-	55.26	45.71	-	-
1994	37.18	31.72	-	-	51.77	43.66	-	-
1995	44.50	27.01	-	-	54.47	47.58	-	-
1996	41.25	29.86	-	-	56.68	49.54	-	-
1997	38.92	29.76	-	-	55.51	45.53	-	-
1998	32.00	31.00	-	-	50.76	40.51	29.48	-
1999	28.79	31.29	-	-	42.83	35.74	27.82	-
2000	35.99	29.90	-	27.52	39.69	34.58	31.76	-
2001	39.03	50.15	37.69	31.78	41.33	37.96	36.89	-
2002	31.65	33.20	31.47	33.19	42.01	36.90	30.41	-
2003	43.60	38.52	39.61	31.74	41.57	34.74	36.53	-
2004	72.13	64.90	74.22	42.76	60.96	51.34	72.42	-
2005	60.54	70.12	64.62	51.34	89.33	62.91	61.84	-
2006	64.11	57.82	65.22	53.53	93.46	63.04	56.47	-
2007	88.79	49.73	95.59	61.23	88.24	69.86	84.57	-
2008	147.67	117.42	157.88	104.97	179.03	122.81	148.06	-
2009	70.39	60.73	83.59	87.86	167.82	110.11	78.81	-
2010	92.50	67.87	108.47	110.08	158.95	105.19	105.43	-
2011	121.48	84.75	126.13	127.27	229.12	136.21	125.74	-
2012	92.50	67.28	100.30	111.89	191.46	133.61	105.50	-
2013	81.69	69.72	90.07	95.42	140.45	111.16	90.90	-
2014	75.38	67.08	76.13	84.12	114.41	97.65	77.89	-
2015	56.79	51.57	60.10	67.53	93.85	79.47	63.52	-
2016	60.09	51.45	71.66	71.35	89.40	72.97	71.12	-
2017	84.51	63.83	96.02	94.72	150.00	99.16	99.58	-
2018	91.83	72.84	112.73	99.45	158.49	117.39	111.69	78.67
2019	60.17	57.16	73.57	35.20	148.52	108.58	88.98	77.59
2020	50.13	42.77	61.03	30.64	108.41	80.50	71.33	48.81
2021	122.60	68.54	114.59	124.70	134.86	130.37	145.16	90.82
2022	291.28	157.57	214.57	177.78	n/a	n/a	n/a	190.35
2023	129.54	73.59	130.25	120.65	n/a	n/a	n/a	190.35

† Source: IHS Northwest Europe prices for 1987-2000 are the average of the monthly marker, 2001-2020 the average of weekly prices. IHS Japan prices basis = 6,000 kilocalories per kilogram NAR CIF.

The Asian prices are the average of the monthly marker.

Chinese prices are the average monthly price for 2000-2005, weekly prices 2006-2020, 5,500 kilocalories per kilogram NAR, including cost and freight (CFR).

‡ Source: S&P Global Platts ©2020, S&P Global Inc. Prices are for CAPP 12,500 Btu, 1.2 SO₂ coal, fob. Prices for 1990-2000 are by coal price publication date, 2001-2005 by coal price assessment date. 2006-2020 weekly CAPP 12,500 BTU, 1.6 SO₂ coal, fob.

Note: CAPP = Central Appalachian; CIF = Cost + Insurance + Freight (average prices); FOB = free on board.

Table 11.5 : Production of Coal, Coke and Lignite by major Coal Producing Countries during 2022 & 2023 e

(Qty. in MT)

Country	2022					2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Mexico	1.06	0.01	4.37	0.27	0.59	1.32	0.01	4.30	0.27	0.79
Canada	30.90	8.25	1.00	6.66	2.05	27.41	8.21	4.43	6.66	1.88
United States	60.10	180.43	245.92	37.11	10.19	55.25	191.93	248.22	43.12	10.34
North America	92.062	188.694	251.280	44.039	12.833	83.977	200.150	256.951	50.041	13.002
Bolivarian Republic of Venezuela		0.15					0.15			
Peru		0.18					0.18			
Chile		0.12			0.35		0.02			0.38
Argentina		0.02					0.02			1.29
Brazil			3.16	3.32	8.98			3.47	2.65	9.44
Colombia	5.73	43.67			2.95	9.09	55.61			4.37
South America	5.731	44.137	3.163	3.322	12.288	9.091	55.981	3.472	2.650	15.485
Armenia				0.00					0.00	
Estonia					0.01					0.01
Norway		0.12					0.12			
Georgia				0.15					0.15	
Albania		0.26		0.22			0.20		0.18	
Finland					0.81					0.81
Sweden					1.04					1.06
Belgium					1.27					1.27
Austria					1.29					1.27
Spain					1.28					1.29
United Kingdom	0.16	0.35			0.56	0.19	0.46			0.89
Italy					1.57					1.62
Montenegro				1.86					1.72	
Netherlands					1.76					1.83
Slovak Republic				0.77	1.55				0.87	1.47
Slovenia				2.44					2.36	
Hungary				4.07	0.22				4.93	0.52
Kosovo				6.92					8.28	
Greece				10.47					14.25	
Bosnia and Herzegovina				11.38					13.33	0.82
Romania				14.75					18.20	
Ukraine		16.44					17.00			3.83
Bulgaria				20.97					35.52	
Serbia				33.22					35.13	
Czech Republic	0.52	0.85		28.66	1.91	0.86	0.82		33.39	2.35
Poland	11.92	36.43		40.10	8.00	12.36	40.46		54.62	8.48
Germany				102.25	7.49				130.80	8.27
Russian Federation	105.27	242.89		76.92		106.96	245.10		77.61	47.92
Europe	117.875	297.335	0.000	355.146	28.768	120.380	304.155	0.000	431.333	83.717
New Zealand	1.11	0.20	1.02	0.28	0.41	1.07	0.16	1.13	0.28	0.40
Australia	166.74	210.80	22.25	38.89	2.14	168.59	224.76	23.81	40.30	2.30
Australia and Oceania	167.849	210.993	23.264	39.166	2.553	169.658	224.922	24.944	40.572	2.699

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Table 11.5 : Production of Coal, Coke and Lignite by major Coal Producing Countries during 2022 & 2023 e

(Qty. in MT)

Country	2022					2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Algeria										0.00
Other Africa		0.03					0.03			
Egypt										0.30
Niger				0.24					0.24	
Kingdom of Eswatini		0.25					0.28			
Ethiopia		0.46					0.46			
Nigeria		1.32					1.37			
United Republic of Tanzania		2.34					1.58			
Zambia		2.02					2.16			
Botswana		2.06					2.46			
Zimbabwe	0.87	3.11				0.87	2.57			0.63
Republic of North Macedonia				4.00					5.08	
Mozambique	4.80	9.46				4.80	9.45			
South Africa	2.88	228.73				2.35	227.57			1.19
Africa	8.553	249.787	0.000	4.238	0.000	8.020	247.925	0.000	5.314	2.128
Nepal		0.01					0.01			
Cambodia				0.03					0.03	
Bangladesh		0.77					0.49			
Myanmar			0.33	0.71				0.32	0.69	
Other Asia		1.99					1.99			0.07
Tajikistan		2.25		0.14			2.25		0.14	
Islamic Republic of Iran	1.66	0.16				1.66	0.16			1.57
Chinese Taipei										5.73
Malaysia		3.60					3.25			
Kyrgyzstan		0.55		3.14			0.56		3.21	
Uzbekistan		0.34		6.04			0.28		5.07	
Pakistan		4.89		5.27			4.90		5.28	
Thailand				12.81					13.64	
Philippines			14.46					14.46		
Korea		0.65			15.43		0.82			15.12
Lao People's Democratic Republic		1.27		15.36			1.27		15.36	
Democratic People's Republic of Korea		20.48	1.45				20.48	1.45		
Japan		0.61			27.05		0.68			28.46
Viet Nam	0.15	47.37				0.15	49.71			6.69
Mongolia	51.32	13.44		11.28		25.35	5.84		5.60	0.04
Republic of Türkiye	0.47	0.59	1.85	75.61	4.00	0.54	0.87	1.60	92.30	4.02
Kazakhstan	4.08	100.42		5.67	2.44	4.08	100.42		5.67	2.44
Indonesia	6.08	86.03	683.07			6.08	77.52	604.58		
India	62.40	937.02		43.75		56.90	832.43		44.99	43.25
People's Republic of China	540.99	3821.08				553.96	3664.68			472.95
Asia	667.143	5043.529	701.154	179.806	48.927	648.722	4768.632	622.405	191.966	580.335
World Total	1059.213	6034.474	978.860	625.718	105.369	1039.848	5801.764	907.772	721.877	697.368

Table 11.6 : Import of Coal, Coke and Lignite by major Coal Importing Countries during 2022 & 2023 e

(Qty. in MT)

Country	2022					2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
El Salvador										0.00
Cuba		0.00					0.00			0.00
Costa Rica		0.02					0.02			
Jamaica		0.10					0.09			
Guatemala		0.80					0.90			
Panama		0.86					0.91			
Dominican Republic		3.94					3.18			
United States	0.65	1.64	1.14	0.06	0.19	1.45	2.68	1.54	0.06	0.06
Canada	3.45	2.47	0.09	0.00	1.02	2.80	2.07	0.41	0.00	1.17
Mexico	0.66	7.38		0.00	0.78	0.99	7.31	0.25	0.00	1.17
North America	4.756	17.229	1.227	0.066	1.986	5.243	17.165	2.201	0.065	2.395
Other Non-OECD Americas		0.00					0.00			0.00
Colombia		0.00					0.00			
Paraguay		0.00					0.00			
Uruguay		0.01					0.00			0.00
Plurinational State of Bolivia		0.01					0.01			
Peru		0.45					0.45			
Argentina	1.13	0.46				1.15	0.63			
Chile	0.47	7.08	0.06			0.52	9.32	0.08		0.00
Brazil	9.52	4.97	0.09		2.26	10.01	5.64	0.09		1.57
South America	11.126	12.981	0.151	0.000	2.263	11.683	16.053	0.169	0.000	1.572
Estonia		0.00					0.00			
Portugal		0.00			0.00		0.00			0.01
Armenia	0.00	0.02		0.00		0.00	0.02		0.00	
Kosovo		0.02		0.00			0.01		0.01	
Latvia		0.02					0.05			
Luxembourg		0.03			0.00		0.06			0.00
Cyprus		0.02					0.08			
Greece		0.05					0.09			
Republic of Moldova		0.09					0.13			
Albania		0.13					0.09			
Switzerland		0.03		0.08	0.01		0.04		0.11	0.02
Iceland		0.13			0.01		0.18			0.01
Georgia		0.14			0.08		0.10			0.14
Lithuania		0.12	0.02	0.00	0.01		0.29	0.03	0.00	0.02
Slovenia		0.00	0.40		0.02		0.01	0.44		0.03
Hungary	0.32	0.05		0.04	0.01	0.71	0.05		0.11	0.02
Croatia		0.61		0.01	0.03		0.64		0.01	0.03
Romania	0.01	0.04	0.27	0.01	0.32	0.01	0.04	0.52	0.01	0.67
Bulgaria		0.47		0.00	0.17		1.35			0.08
Ireland		0.61					1.48			
Norway		0.69			0.35		0.81			0.39

Contd.....

Table 11.6 : Import of Coal, Coke and Lignite by major Coal Importing Countries during 2022 & 2023 e

(Qty. in MT)

Country	2022					2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Bosnia and Herzegovina	0.96	0.14		0.03		1.09	0.22		0.04	0.07
Denmark		1.29			0.01		1.87			0.01
Belarus		1.62					1.62			0.03
Sweden	1.38	0.56			0.10	1.26	0.62			0.40
Slovak Republic	2.43	0.34		0.40	0.13	2.37	0.62		0.49	0.16
Finland	1.15	1.21			0.26	1.28	2.71			0.34
Belgium	1.78	0.99	0.00		0.52	1.80	1.40	0.00		0.46
Austria	1.81	0.66	0.04	0.00	1.04	1.69	0.79	0.06	0.00	0.96
Serbia		0.32		3.37	0.52		0.20		2.16	0.58
Czech Republic	2.15	1.63		0.01	0.30	2.88	1.76		0.02	0.26
Ukraine	4.30	0.78				4.71	1.62			0.36
United Kingdom	1.34	2.14			1.63	1.74	4.61			1.21
Netherlands	3.64	2.85		0.02	0.04	3.92	5.13		0.01	0.05
France		5.98		0.02	0.72		7.81		0.02	1.25
Spain	2.01	4.66			0.26	1.73	8.17			0.47
Italy	1.79	5.43			0.31	1.97	9.84		0.00	0.31
Poland	2.16	14.75		0.25	0.12	3.01	17.01		0.27	0.15
Russian Federation	0.78	19.07				1.32	20.48			0.22
Germany	11.50	18.79		0.03	2.64	11.58	30.69		0.03	2.42
Europe	39.496	86.461	0.737	4.274	9.627	43.055	122.668	1.049	3.301	11.120
New Zealand		0.04	0.20				0.04	0.69		
Australia	0.11	0.10			0.41	0.06	0.05			0.45
Australia and Oceania	0.106	0.135	0.202	0.000	0.411	0.057	0.089	0.687	0.000	0.449
Zimbabwe		0.00					0.00			
Namibia		0.02					0.01			
Kingdom of Eswatini		0.09					0.08			
Rwanda			0.12					0.07		
Algeria	0.00					0.01				0.29
Benin		0.16					0.18			
Uganda		0.20					0.16			
Zambia		0.22					0.18			
Madagascar		0.47					0.46			
Senegal		0.13					0.89			
Ethiopia		0.61					0.55			
Mauritius		0.61					0.59			
Other Africa		0.55					0.71			
Republic of North Macedonia		0.02	0.01	1.34	0.00		0.00	0.06	0.67	0.00
Kenya		1.45					1.17			
South Africa	0.59	1.60				0.48	1.32			
Egypt	0.11	2.88				0.36	2.31			0.27
Morocco		10.16					10.76			
Africa	0.702	19.185	0.129	1.336	0.001	0.843	19.373	0.131	0.674	0.559

Contd.....

Table 11.6 : Import of Coal, Coke and Lignite by major Coal Importing Countries during 2022 & 2023 e

(Qty. in MT)

Country	2022					2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Myanmar								0.00		
Syrian Arab Republic										0.00
Democratic People's Republic of Korea										0.05
Mongolia				0.03					0.03	
Yemen		0.03					0.11			
Tajikistan		0.10					0.10			
Lebanon		0.16					0.16			
Jordan		0.17					0.35			
Singapore		0.55					0.67			
Kazakhstan	0.05	0.07		0.00	0.62	0.05	0.07		0.00	0.62
Kyrgyzstan		0.78		0.01			0.77		0.01	
Other Asia		0.84					0.84			0.00
Brunei Darussalam				0.84					1.26	
Islamic Republic of Iran	0.13	0.74				0.11	0.71			0.61
Nepal		1.64					1.62			
United Arab Emirates	2.69	0.03		0.00		1.41	0.12		0.00	0.00
Sri Lanka		2.15					2.21			
Uzbekistan		0.93		1.83			0.93		1.83	
Cambodia			6.99					2.89		
Bangladesh		5.76					4.99			
Israel		4.89					6.56			
Hong Kong (China)		6.27					6.22			
Indonesia	14.46					12.49				
Pakistan		19.17					19.21			
Thailand		18.79		0.17			22.40		0.26	0.02
Viet Nam	9.45	11.25	9.67			8.99	11.73	10.01		0.97
Philippines			31.62					32.70		
Malaysia		32.93					32.37			1.72
Republic of Turkiye	4.53	35.67			0.91	5.21	32.41			1.23
Chinese Taipei	5.90	41.80	10.32			6.85	44.91	11.88		0.21
Korea	22.23	95.34	1.89		0.23	22.27	100.87	2.02		0.30
Japan	39.16	123.72			0.92	41.29	139.07			0.85
India	64.87	58.73	122.89	0.01		62.56	52.57	110.01	0.02	3.63
People's Republic of China	102.51	371.95				63.84	240.93			0.51
Asia	265.974	834.444	183.381	2.882	2.679	225.066	722.898	169.503	3.399	10.723
World	322.160	970.434	185.826	8.558	16.966	285.946	898.244	173.739	7.438	26.817

Table 11.7 : Export of Coal, Coke and Lignite by major Exporting Countries During 2022 & 2023 e

(Qty. in MT)

Country	2022					2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Mexico		0.004			0.002		0.004			
Canada	30.629	7.864	0.030	0.062	0.183	28.055	8.046	0.123	0.064	0.242
United States	39.201	34.846	1.661	0.026	1.368	42.164	31.849	3.939	0.026	2.103
North America	69.830	42.714	1.691	0.088	1.553	70.219	39.899	4.062	0.090	2.345
Chile										0.030
Bolivarian Republic of Venezuela		0.070					0.070			
Peru		0.077					0.079			
Colombia	1.672	41.630			2.953	1.926	54.492			4.373
South America	1.672	41.777	0.000	0.000	2.953	1.926	54.641	0.000	0.000	4.403
Portugal		0.000								
Austria									0.000	0.000
Armenia		0.000					0.000			
Georgia				0.000					0.000	
Switzerland		0.000			0.000					0.000
Ukraine										0.004
Latvia		0.000					0.007			
Estonia					0.007					0.009
Slovak Republic					0.013					0.019
Serbia				0.015					0.027	
France					0.049					0.009
Sweden		0.007			0.023					0.034
Kosovo				0.013			0.000		0.127	
Norway		0.060					0.084			0.000
Finland		0.052			0.061					0.037
Hungary				0.014	0.101				0.003	0.130
Belgium	0.010	0.156	0.003		0.024		0.097	0.001		0.023
Greece									0.361	
Montenegro				0.205					0.243	
Netherlands					0.405					0.083
Romania				0.271					0.226	0.002
Albania		0.131		0.215			0.028		0.182	
Italy					0.239					0.333
United Kingdom	0.007	0.724				0.009	0.581			
Bulgaria				1.091					0.466	
Belarus		0.966					0.966			
Bosnia and Herzegovina				0.943					0.958	0.403
Germany	0.148	0.638			0.545	0.112	0.847			0.774
Czech Republic	0.407	0.368		0.560	0.599	0.591	0.337		0.977	0.593
Spain	0.079	3.702			0.124		1.420			0.166
Poland	3.058	1.228		0.000	6.243	3.257	2.105		0.000	6.324
Russian Federation	36.494	144.485		15.507		31.897	151.145		15.647	4.037
Europe	40.202	152.518	0.003	18.833	8.432	35.867	157.616	0.001	19.218	12.979

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Table 11.7 : Export of Coal, Coke and Lignite by major Exporting Countries During 2022 & 2023 e

(Qty. in MT)

Country	2022					2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
New Zealand	1.062	0.138	0.023			1.134	0.098	0.046		
Australia	156.287	182.131			0.526	161.073	197.664			0.638
Australia & Oceania	157.349	182.269	0.023	0.000	0.526	162.207	197.762	0.046	0.000	0.638
Republic of North Macedonia				0.058					0.053	0.000
Zambia		0.158					0.125			
Kingdom of Eswatini		0.253					0.277			
Zimbabwe		0.492					0.449			0.508
Botswana		0.727					0.877			
United Republic of Tanzania		1.602					0.848			
Mozambique	4.802	9.446				4.794	9.443			
South Africa	1.039	64.525				0.846	64.610			
Africa	5.841	77.202	0.000	0.058	0.000	5.640	76.630	0.000	0.053	0.508
Hong Kong (China)		0.000					0.000			
Chinese Taipei		0.001					0.001			0.051
Uzbekistan		0.039		0.012			0.039		0.012	
Thailand		0.066					0.185			
Islamic Republic of Iran	0.013	0.197				0.013	0.197			0.038
Other Asia		0.294					0.294			0.068
Tajikistan		0.374					0.374			
Japan		0.003			0.485		0.004			0.800
Republic of Turkiye	0.000	0.405		0.011	0.238	0.001	0.680		0.014	0.097
Viet Nam		0.360					1.199			0.000
Lao People's Democratic Republic		0.792		0.373			0.809		0.373	
India	0.027	1.122				0.027	1.136		0.002	0.039
Kyrgyzstan		0.686		0.745			0.753		0.817	
People's Republic of China	0.367	4.070				0.255	3.723			3.969
Philippines			6.431					7.094		
Kazakhstan	0.793	27.579		2.261	0.030	0.793	27.579		2.261	0.030
Mongolia	44.162	10.621		1.758		20.936	3.208		0.066	
Indonesia	6.078	58.286	453.075			6.078	52.990	411.909		
Asia	51.440	104.895	459.505	5.159	0.753	28.102	93.172	419.003	3.544	5.092
World Total	326.335	601.375	461.222	24.139	14.217	303.962	619.720	423.112	22.905	25.965

Table 11.8 : Domestic Supply of Coal, Coke and Lignite by major Countries during 2022 & 2023 e

(Qty. in MT)

Country	2022					2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Canada	3.715	2.860	1.055	6.601	2.893	2.105	2.046	4.666	6.567	2.711
Costa Rica		0.023					0.023			
Cuba		0.001					0.001			0.001
Dominican Republic		3.944					3.181			
El Salvador										0.000
Guatemala		1.012					0.544			
Jamaica		0.105					0.104			
Mexico	1.744	7.387	4.384	0.276	1.362	2.333	7.318	4.544	0.271	1.952
Panama		0.863					0.896			
United States	21.617	141.933	216.365	37.197	9.149	14.563	160.909	249.455	42.035	8.340
North America	27.076	158.127	221.804	44.074	13.404	19.001	175.023	258.665	48.873	13.004
Argentina	1.134	0.484				1.153	0.651			1.293
Bolivarian Republic of Venezuela		0.079					0.079			
Brazil	9.590	5.662	3.255	3.322	10.394	10.082	5.740	3.564	2.650	10.751
Chile	0.473	7.203	0.059		0.352	0.505	9.635	0.077		0.308
Colombia	4.059	5.592				7.165	4.118			0.000
Other Americas		0.000					0.000			0.000
Paraguay		0.001					0.001			
Peru		0.970					0.974			
Plurinational State of Bolivia		0.009					0.009			
Uruguay		0.008					0.002			0.000
South America	15.256	20.007	3.314	3.322	10.746	18.904	21.208	3.641	2.650	12.352
Albania		0.253		0.002			0.256			
Armenia	0.000	0.018		0.000		0.000	0.018		0.000	
Austria	1.712	0.666	0.044	0.003	2.352	1.721	0.777	0.065	0.003	2.217
Belarus		0.654					0.654			0.034
Belgium	1.709	0.985	0.099		1.579	1.731	1.393	0.100		1.653
Bosnia and Herzegovina	0.955	0.113		10.859		1.126	0.169		12.807	0.459
Bulgaria		0.578		19.820	0.155		0.695		35.038	0.073
Croatia		0.538		0.005	0.028		0.636		0.008	0.033
Cyprus		0.046					0.053			
Czech Republic	2.370	1.631		27.624	1.614	3.199	2.370		32.632	2.007
Denmark		1.126			0.009		1.775			0.013
Estonia		0.001					0.003			
Finland	1.151	1.161			1.041	1.162	2.088			0.940
France		6.093		0.019	2.824		7.540		0.024	3.557
Georgia		0.130		0.162	0.091		0.138		0.144	0.135
Germany	11.347	19.164		102.338	9.222	10.752	29.451		130.861	9.917
Greece		0.072		10.019			0.104		13.061	
Hungary	0.313	0.038		4.123	0.158	0.727	0.060		4.954	0.344
Iceland		0.130			0.008		0.178			0.014
Ireland		0.693					1.182			
Italy	1.874	5.690			1.578	1.946	9.596		0.000	1.586
Kosovo		0.018		6.913			0.008		8.203	
Latvia		0.020					0.020			
Lithuania		0.133	0.018	0.002	0.013		0.223	0.023	0.002	0.016

Contd.....

Table 11.8 : Domestic Supply of Coal, Coke and Lignite by major Countries during 2022 & 2023 e

(Qty. in MT)

Country	2022				Coke Oven Coke	2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite		Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Luxembourg		0.032			0.002		0.061			0.001
Montenegro				1.658					1.479	
Netherlands	3.464	2.909		0.016	1.384	3.961	4.873		0.014	1.805
Norway		0.739			0.357		0.817			0.383
Poland	11.421	44.501		40.373	2.014	11.877	52.834		54.808	2.059
Portugal		0.002			0.005		0.002			0.007
Republic of Moldova		0.091					0.107			
Romania	0.006	0.044	0.285	14.593	0.340	0.007	0.058	0.542	17.991	0.688
Russian Federation	69.561	108.900		63.950		76.382	107.691		61.967	42.459
Serbia		0.321		36.440	0.505		0.209		37.056	0.556
Slovak Republic	2.457	0.382		1.183	1.677	2.349	0.603		1.346	1.486
Slovenia		0.004	0.279	1.997	0.024		0.005	0.310	2.132	0.026
Spain	1.688	2.480			1.435	1.714	4.257			1.573
Sweden	1.361	0.576			1.193	1.367	0.599			1.221
Switzerland		0.031		0.082	0.013		0.039		0.105	0.015
Ukraine	4.297	17.218				4.707	18.616			4.182
United Kingdom	1.411	3.140			2.642	2.055	4.002			2.355
Europe	117.098	221.320	0.725	342.180	32.263	126.784	254.161	1.039	414.635	81.815
Australia	5.161	26.767	22.246	38.891	2.027	2.828	25.548	23.813	40.296	2.112
New Zealand	0.003	0.084	1.474	0.278	0.411	0.009	0.101	1.685	0.276	0.398
Australia & Oceania	5.164	26.851	23.720	39.169	2.438	2.837	25.649	25.498	40.572	2.510
Algeria	0.003					0.007				0.295
Benin		0.159					0.149			
Botswana		1.337					1.584			
Egypt	0.111	2.875				0.356	2.308			0.569
Ethiopia		1.069					1.005			
Kenya		1.453					1.168			
Kingdom of Eswatini		0.094					0.076			
Madagascar		0.472					0.459			
Mauritius		0.651					0.580			
Morocco		10.037					10.768			
Mozambique		0.013					0.013			
Namibia		0.024					0.014			
Niger				0.239					0.234	
Nigeria		1.322					1.370			
Other Africa		0.585					0.745			
Republic of North Macedonia		0.028	0.026	5.289	0.001		0.001	0.053	5.718	0.001
Rwanda			0.123					0.066		
Senegal		0.133					0.890			
South Africa	2.430	165.803				1.984	164.282			1.190
Uganda		0.202					0.161			
United Republic of Tanzania		0.740					0.732			
Zambia		2.080					2.216			
Zimbabwe	0.871	2.479				0.871	1.973			0.126
Africa	3.414	191.557	0.150	5.528	0.001	3.218	190.495	0.119	5.952	2.181

Contd.....

Table 11.8 : Domestic Supply of Coal, Coke and Lignite by major Countries during 2022 & 2023 e

(Qty. in MT)

Country	2022				Coke Oven Coke	2023 e				
	Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite		Coking Coal	Anthracite & Other Bituminous Coal	Sub-Bituminous Coal	Lignite	Coke Oven Coke
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Bangladesh		6.530					5.475			
Brunei Darussalam				0.841					1.257	
Cambodia			6.994	0.027				2.886	0.025	
Chinese Taipei	5.942	42.849	10.515			6.868	44.521	11.362		5.918
Democratic People's Republic of Korea		20.483	1.445				20.483	1.445		0.047
Hong Kong (China)		5.952					5.698			
India	128.605	978.310	122.889	42.445		118.026	876.947	110.011	46.844	46.843
Indonesia	14.458	27.747	171.271			12.493	24.534	165.959		
Islamic Republic of Iran	1.771	0.708				1.751	0.674			2.138
Israel		5.297					6.476			
Japan	39.164	124.323			27.730	41.291	139.746			28.653
Jordan		0.167					0.354			
Kazakhstan	3.315	69.035		3.239	2.903	3.315	74.671		1.389	3.076
Korea	23.915	95.318	1.891		15.694	22.198	101.274	2.016		15.348
Kyrgyzstan		0.607		3.331			0.544		3.282	
Lao People's Democratic Republic		0.479		15.465			0.462		14.914	
Lebanon		0.158					0.158			
Malaysia		36.525					35.619			1.721
Mongolia	0.060	2.820		7.981		0.060	2.636		7.459	0.041
Myanmar			0.325	0.706				0.325	0.688	
Nepal		1.648					1.624			
Other Asia		2.566					2.566			
Pakistan		24.061		5.268			24.110		5.278	
People's Republic of China	640.496	4235.812				611.534	3988.756			463.181
Philippines			39.650					36.141		
Republic of Turkiye	5.186	36.045	1.855	76.308	4.789	5.592	32.447	1.550	89.844	5.007
Singapore		0.548					0.675			
Sri Lanka		2.236					2.217			
Syrian Arab Republic										0.001
Tajikistan		1.984		0.140			1.984		0.140	
Thailand		18.725		12.981			22.218		13.897	0.021
United Arab Emirates	2.690	0.033		0.000		1.412	0.123		0.000	0.001
Uzbekistan		1.223		7.857			1.169		7.140	
Viet Nam	9.603	58.059	9.668			9.141	63.665	10.013		7.655
Yemen		0.025					0.110			
Asia	875.205	5800.274	366.502	176.589	51.116	833.682	5481.935	341.709	192.157	579.651
World Total	1043.214	6418.136	616.213	610.862	109.968	1004.427	6148.470	630.672	704.840	691.514

12.

Mine Statistics



Section XII

12.1 Mine Statistics

12.1.1 Mine statistics in terms of number and distribution of mines has been drawing attention of policy makers in the country. This section, therefore, deals with this aspect in detail. The information has been provided in tabular form in nine tables to describe Number of Mines, company-Wise (Table12.1), Number of Mines, State Wise (Table12.2), Number of Mines, Sector Wise (Table12.3), Number of Mines, Captive/Non Captive(Table12.4), Number of Mines, Public/ Private, Captive/Non Captive (Table12.5), Number of Working Coal Mines (Table12.6), Number of working Lignite Mines (Table12.7), Number of Mines - State Wise, Public/Private, Captive/Non Captive (Table12.8), and Number of Lignite Mines, State Wise, Public/Private, Captive/Non Captive (Table12.9) as on 31.03.2024.

12.1.2 As on 31.03.24, the total number of producing coal mines was 408. The State Wise distribution of these coal mines is given in Statement 12.1.

Statement 12.1: State-Wise distribution of Coal Mines as on 31/03/2024			
State	No. of Coal Mines		
	Captive	Non-Captive	Total
Assam		1	1
Chhattisgarh	11	35	46
Jammu & Kashmir		2	2
Jharkhand	7	110	117
Madhya Pradesh	7	46	53
Maharashtra	5	45	50
Odisha	6	18	24
Uttar Pradesh		4	4
Telangana	1	39	40
West Bengal	6	65	71
All India	43	365	408

12.1.3 As on 31.03.2024, the total number of operating lignite mines was reported to be 20. The State Wise distribution of these lignite mines is given in Statement 12.2.

Statement 12.2: State-Wise distribution of Lignite Mines as on 31/03/2024			
State	No. of Coal Mines		
	Captive	Non-Captive	Total
Gujarat	11	0	11
Rajasthan	5	1	6
Tamil Nadu	0	3	3
All India	16	4	20

12.1.4 Depending on the situation, mine operation can be open cast, underground or mixed one. In India, the distribution of operating coal mines under different mining system is highlighted through the following chart.

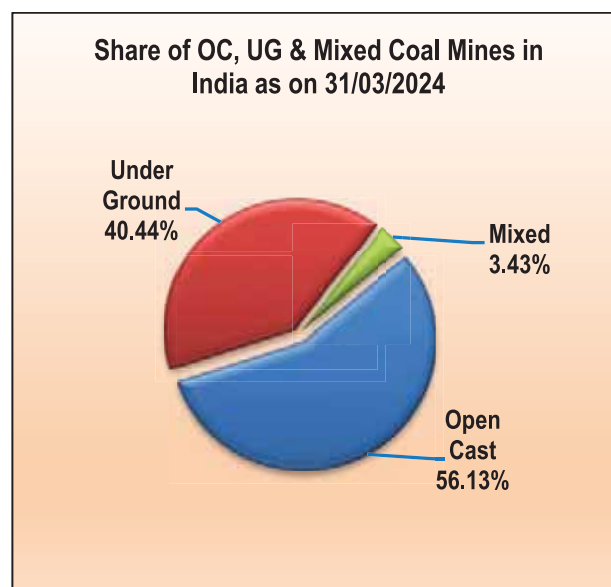


Chart-XII.I : Number of Coal Mines State Wise as on 31/03/2024

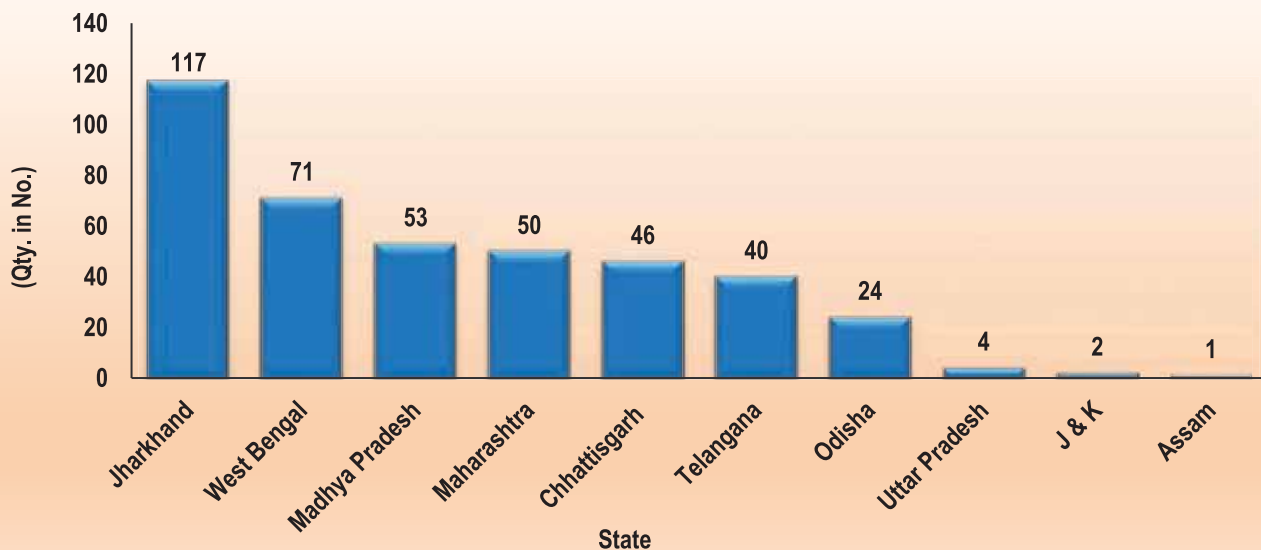


Chart-XII.II : Share of OC, UG & Mixed Coal Mines in India as on 31/03/2024

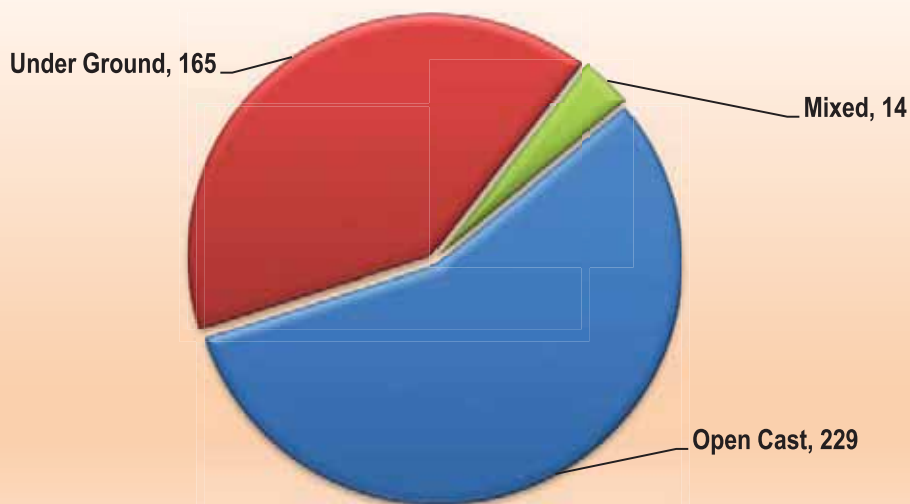


Chart-XII.III : No. of Lignite Mines as on 31/03/2024

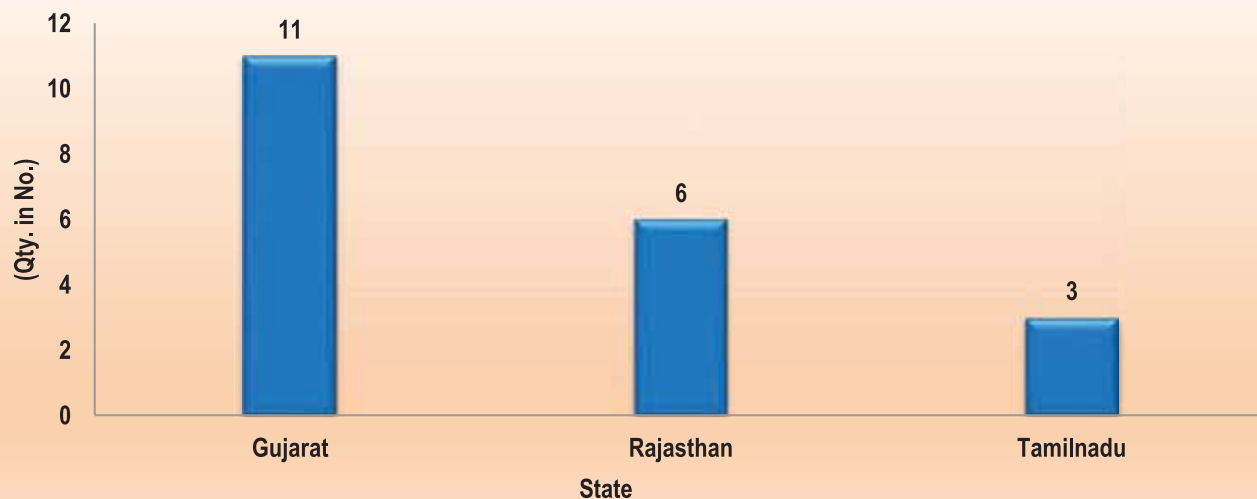


Table 12.1: Company Wise Number of Producing Coal & Lignite Mines as on 31/03/2024

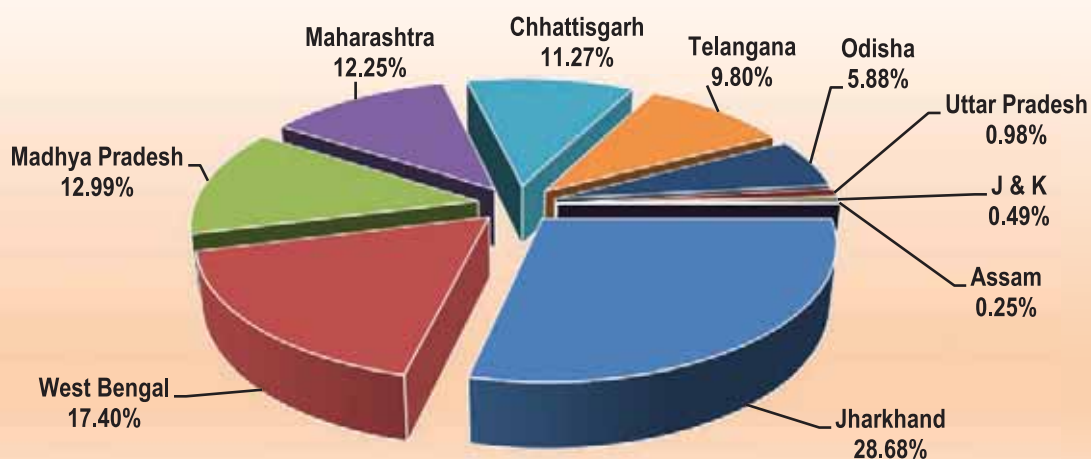
Coal / Lignite	Company	Number of Mines			
		OC	UG	Mixed	Total
(1)	(2)	(3)	(4)	(5)	(6)
Coal	ECL	22	47	10	79
	BCCL	26	4	2	32
	CCL	42	11	0	53
	NCL*	10	0	0	10
	WCL	35	25	1	61
	SECL	18	41	0	59
	MCL	15	3	0	18
	NEC	1	0	0	1
	CIL	169	131	13	313
	SCCL	17	22	0	39
	JKML	0	2	0	2
	JSMDC	1	0	0	1
	DVC	1	0	0	1
	IISCO	1	3	0	4
	SAIL	1	0	0	1
	RRVUNL	1	0	0	1
	NTPC	5	0	0	5
	WBPDC	5	0	0	5
	TSPGCL	1	0	0	1
	CSPGCL	1	0	0	1
	OCPL	1	0	0	1
	DPL	1	0	0	1
	NLCIL	1	0	0	1
	APMDC	1	0	0	1
	PSPCL	1	0	0	1
	THDC	1	0	0	1
	KPCL	1	0	0	1
	NALCO	1	0	0	1
	PUBLIC	211	158	13	382
	TSL	2	2	1	5
	CEC	1	0	0	1
	HIL	2	1	0	3
	SPL	1	0	0	1
	BALCO	1	0	0	1
	SIL	0	1	0	1
	JPVL	1	0	0	1
	JPL	2	0	0	2
	RCCPL	0	1	0	1
	TUML	1	0	0	1
	AMBUJA	0	1	0	1
	BSIL	1	0	0	1
	UTCL	0	1	0	1
	SEML	1	0	0	1
	Vedanta	1	0	0	1
	BSMPL	1	0	0	1
	JSPL	2	0	0	2
	AIPL	1	0	0	1
	PRIVATE	18	7	1	26
Total	229	165	14	408	
Lignite	NLCL	4			4
	GMDCL	6			6
	GIPCL	2			2
	GHCL	1			1
	GPCL	1			1
	RSMML	3			3
	VSLPPL	1			1
	BLMCL	2			2
	Total	20			20

* 3 Mines of NCL are in both UP & MP.

Table 12.2 : State Wise Number of Producing Coal & Lignite Mines as on 31/03/2024

Coal / Lignite	States	Number of Mines			
		OC	UG	Mixed	Total
(1)	(2)	(3)	(4)	(5)	(6)
Coal	Assam	1	0	0	1
	Chhattisgarh	22	24	0	46
	J & K	0	2	0	2
	Jharkhand	87	25	5	117
	Madhya Pradesh	19	33	1	53
	Maharashtra	36	14	0	50
	Odisha	21	3	0	24
	Telangana	18	22	0	40
	Uttar Pradesh	4	0	0	4
	West Bengal	21	42	8	71
	All India		229	165	14
Lignite	Gujarat	10			10
	Rajasthan	7			7
	Tamilnadu	3			3
	All India	20			20

Share of State Wise No. of Coal Mines as on 31/03/2024



Share of State Wise No. of Lignite Mines as on 31/03/2024

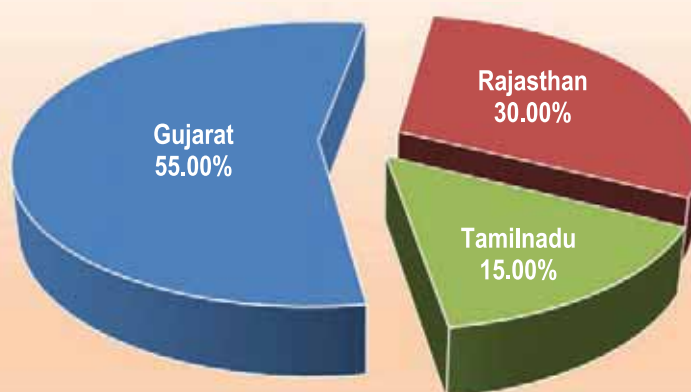


Table 12.3 : Number of Producing Coal & Lignite Mines (Public/Private) as on 31/03/2024

Type	Sector	Number of Mines			
		OC	UG	Mixed	Total
(1)	(2)	(3)	(4)	(5)	(6)
Coal	Public	211	158	13	382
	Private	18	7	1	26
Total		229	165	14	408
Lignite	Public	17			17
	Private	3			3
Total		20			20

Table 12.4: Number of Producing Coal & Lignite Mines (Non Captive & Captive) as on 31/03/2024

Type	Sector	Number of Mines			
		OC	UG	Mixed	Total
(1)	(2)	(3)	(4)	(5)	(6)
Coal	Captive	38	5	0	43
	Non Captive	191	160	14	365
Total		229	165	14	408
Lignite	Captive	16			16
	Non Captive	4			4
Total		20			20

Table 12.5: Number of Mines Public & Private and Captive & Non Captive as on 31/03/2024

Type	Sector	Number of Mines			
		OC	UG	Mixed	Total
(1)	(2)	(3)	(4)	(5)	(6)
Coal	Public Non-Captive	189	158	13	360
	Private Non-Captive	2	2	1	5
	Public Captive	22	0	0	22
	Private Captive	16	5	0	21
Total		229	165	14	408
Lignite	Public Captive	13			13
	Public Non-Captive	4			4
	Private Captive	3			3
	Private Non-Captive	0			0
Total		20			20

Table 12.6: Company Wise, State Wise & Type Wise Number of Producing Coal Mines as on 31/03/2024

Company	Arunachal Pradesh			Assam			Chhattisgarh				J & K			Jharkhand				Madhya Pradesh			
	OC	UG	Total	OC	UG	Total	OC	UG	Mixed	Total	OC	UG	Total	OC	UG	Mixed	Total	OC	UG	Mixed	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
ECL			0			0				0			0	8	5	2	15				0
BCCL			0			0				0			0	26	4	2	32				0
CCL			0			0				0			0	42	11		53				0
NCL*			0			0				0			0				0	6			6
WCL			0			0				0			0				0	3	12	1	16
SECL			0			0	13	22		35			0				0	5	19		24
MCL			0			0				0			0				0				0
NEC			0	1		1				0			0				0				0
CIL	0	0	0	1	0	1	13	22	0	35	0	0	0	76	20	4	100	14	31	1	46
SCCL			0			0				0			0				0				0
JKML			0			0				0		2	2				0				0
JSMDC			0			0				0			0	1			1				0
DVC			0			0				0			0	1			1				0
IISCO			0			0				0			0		3		3				0
SAIL			0			0				0			0	1			1				0
RRVUNL			0			0	1			1			0				0				0
NTPC			0			0	1			1			0	3			3				0
WBPDC			0			0				0			0	1			1				0
TSPGCL			0			0				0			0		0	0	0				0
CSPGCL			0			0	1			1			0				0				0
OCPL			0			0				0			0				0				0
DPL			0			0				0			0				0				0
NLCIL			0			0				0			0				0				0
APMDC			0			0				0			0				0	1			1
PSPCL			0			0				0			0	1			1				0
THDC			0			0				0			0				0	1			1
KPCL			0			0				0			0				0				0
NALCO			0			0				0			0				0				0
PUBLIC	0	0	0	1	0	1	16	22	0	38	0	2	2	84	23	4	111	16	31	1	48
TSL			0			0				0			0	2	2	1	5				0
CESC			0			0				0			0				0				0
HIL			0			0	1	1		2			0	1			1				0
SPL			0			0				0			0				0	1			1
BALCO			0			0	1			1			0	0			0				0
SIL			0			0				0			0	0			0				0
JPVL			0			0				0			0	0			0	1			1
JPL			0			0	2			2			0	0			0				0
RCCPL			0			0				0			0	0			0		1		1
TUML			0			0				0			0	0			0				0
AMBUJA			0			0		1		1			0	0			0				0
BSIL			0			0				0			0	0			0				0
UTCL			0			0				0			0	0			0		1		1
SEML			0			0	1			1			0	0			0				0
Vedanta			0			0				0			0	0			0				0
BSMPL			0			0				0			0	0			0	1			1
JSPL			0			0	1			1			0	0			0	0			0
AIPL			0			0				0			0	0			0	0			0
PRIVATE	0	0	0	0	0	0	6	2	0	8	0	0	0	3	2	1	6	3	2	0	5
Total	0	0	0	1	0	1	22	24	0	46	0	2	2	87	25	5	117	19	33	1	53

* 3 Mines of NCL are in both UP & MP.

Contd...

Table 12.6: Company Wise, State Wise & Type Wise Number of Producing Coal Mines as on 31/03/2024

Company	Maharashtra				Meghalaya		Odisha			UP		Telangana			West Bengal				All India			
	OC	UG	Mixed	Total	OC	Total	OC	UG	Total	OC	Total	OC	UG	Total	OC	UG	Mixed	Total	OC	UG	Mixed	Total
(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)
ECL				0		0			0		0			0	14	42	8	64	22	47	10	79
BCCL				0		0			0		0			0			0	26	4	2		32
CCL				0		0			0		0			0			0	42	11	0		53
NCL				0		0			0	4	4			0			0	10	0	0		10
WCL	32	13		45		0			0		0			0			0	35	25	1		61
SECL				0		0			0		0			0			0	18	41	0		59
MCL				0		0	15	3	18		0			0			0	15	3	0		18
NEC				0		0			0		0			0			0	1	0	0		1
CIL	32	13	0	45	0	0	15	3	18	4	4	0	0	0	14	42	8	64	169	131	13	313
SCCL				0		0			0		0	17	22	39				0	17	22	0	39
JKML				0		0			0		0			0			0	0	2	0		2
JSMDCL				0		0			0		0			0			0	1	0	0		1
DVC				0		0			0		0			0			0	1	0	0		1
IISCO				0		0			0		0			0	1		1	1	3	0		4
SAIL				0		0			0		0			0			0	1	0	0		1
RRVUNL				0		0			0		0			0			0	1	0	0		1
NTPC				0		0	1		1		0			0			0	5	0	0		5
WBPDCCL				0		0			0		0			0	4		4	5	0	0		5
TSPGCL				0		0			0		0	1		1			0	1	0	0		1
CSPGCL				0		0			0		0			0			0	1	0	0		1
OCPL				0		0	1		1		0			0			0	1	0	0		1
DPL				0		0			0		0			0	1		1	1	0	0		1
NLCIL				0		0	1		1		0			0			0	1	0	0		1
APMDCL				0		0			0		0			0			0	1	0	0		1
PSPCL				0		0			0		0			0			0	1	0	0		1
THDC				0		0			0		0			0			0	1	0	0		1
KPCL	1			1		0			0		0			0			0	1	0	0		1
NALCO				0		0	1		1		0			0			0	1	0	0		1
PUBLIC	33	13	0	46	0	0	19	3	22	4	4	18	22	40	20	42	8	70	211	158	13	382
TSL				0		0			0		0			0			0	2	2	1		5
CESEC				0		0			0		0			0	1		1	1	0	0		1
HIL				0		0			0		0			0			0	2	1	0		3
SPL				0		0			0		0			0			0	1	0	0		1
BALCO				0		0			0		0			0			0	1	0	0		1
SIL		1		1		0			0		0			0			0	0	1	0		1
JPVL				0		0			0		0			0			0	1	0	0		1
JPL				0		0			0		0			0			0	2	0	0		2
RCCPL				0		0			0		0			0			0	0	1	0		1
TUML	1			1		0			0		0			0			0	1	0	0		1
AMBUJA				0		0			0		0			0			0	0	1	0		1
BSIL	1			1		0			0		0			0			0	1	0	0		1
UTCL				0		0			0		0			0			0	0	1	0		1
SEML	0			0		0			0		0			0			0	1	0	0		1
Vedanta				0		0	1		1		0			0			0	1	0	0		1
BSMPL				0		0			0		0			0			0	1	0	0		1
JSPL				0		0	1		1		0			0			0	2	0	0		2
AIPL	1			1		0			0		0			0			0	1	0	0		1
PRIVATE	3	1	0	4	0	0	2	0	2	0	0	0	0	0	1	0	0	1	18	7	1	26
Total	36	14	0	50	0	0	21	3	24	4	4	18	22	40	21	42	8	71	229	165	14	408

Table 12.7: Number of Producing Lignite Mines as on 31/03/2024

Company	Captive & Non Captive	Public & Private	Gujarat			Tamilnadu			Rajasthan			All India		
			OC	UG	Total	OC	UG	Total	OC	UG	Total	OC	UG	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
NLCL	Non Captive	Public			0	3		3	1		1	4	0	4
GMDCL	Captive	Public	6		6			0			0	6	0	6
GIPCL	Captive	Public	2		2			0			0	2	0	2
GHCL	Captive	Private	1		1			0			0	1	0	1
GPCL	Captive	Private	1		1			0			0	1	0	1
RSMML	Captive	Public			0			0	3		3	3	0	3
VSLPPL	Captive	Private			0			0	1		1	1	0	1
BLMCL	Captive	Public			0			0	2		2	2	0	2
TOTAL			10	0	10	3	0	3	7	0	7	20	0	20

Share of Company Wise Working Lignite Mines as on 31/03/2024

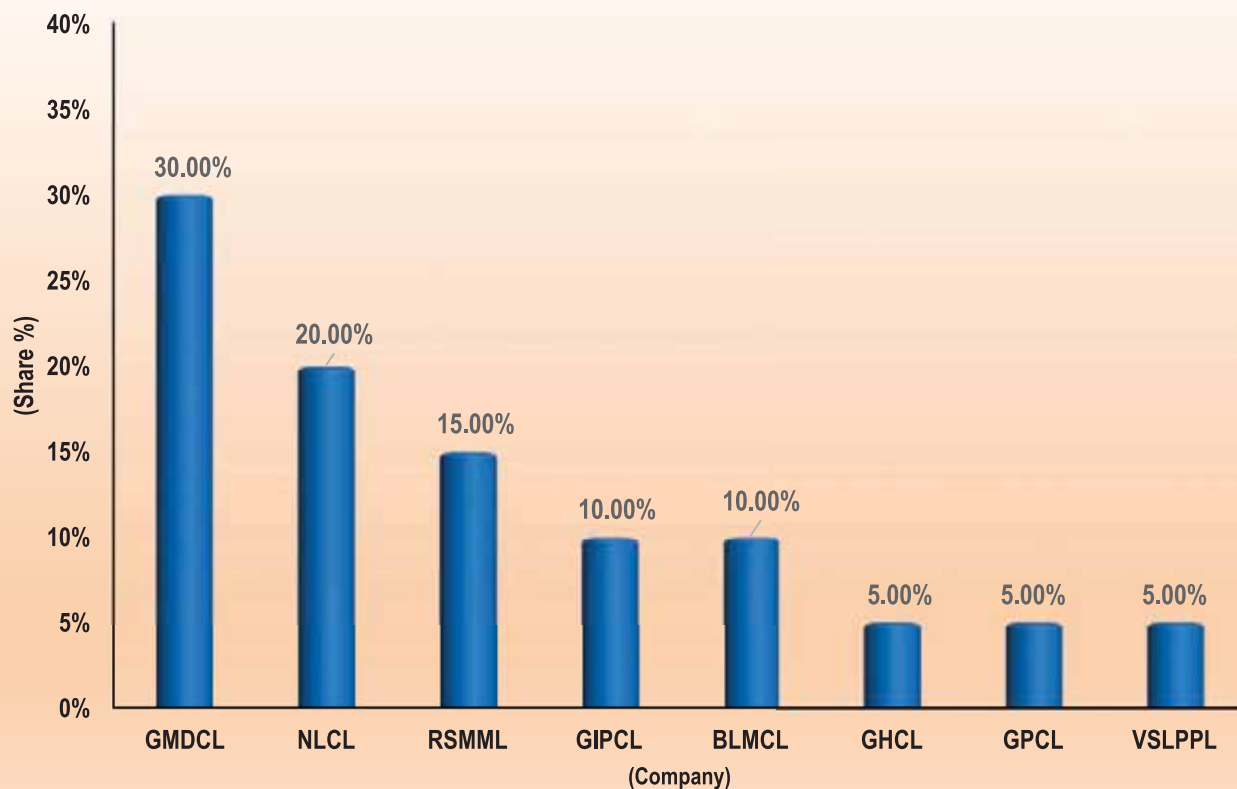


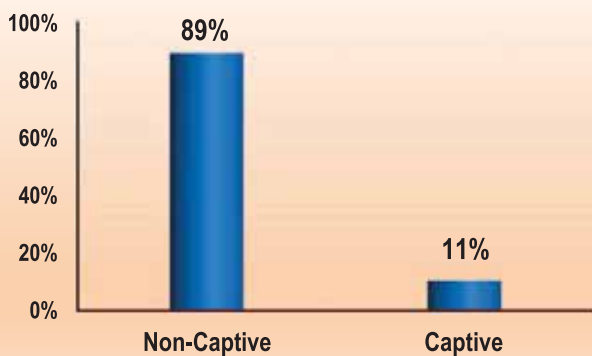
Table 12.8 : Number of Coal Mines Captive, Non-Captive, Public and Private as well as State Wise breakup as on 31/03/2024

State	Captive	Non-Captive	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Assam	0	1	1	1	0	1
Chhattisgarh	11	35	46	38	8	46
Jammu & Kashmir	0	2	2	2	0	2
Jharkhand	7	110	117	111	6	117
Madhya Pradesh	7	46	53	48	5	53
Maharashtra	5	45	50	46	4	50
Odisha	6	18	24	22	2	24
Uttar Pradesh	0	4	4	4	0	4
Telangana	1	39	40	40	0	40
West Bengal	6	65	71	70	1	71
All India	43	365	408	382	26	408

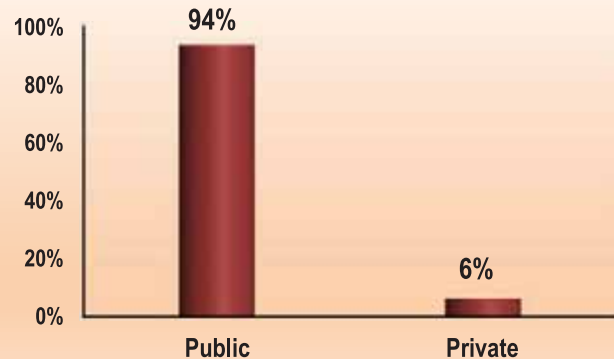
Table 12.9: Number of Lignite Mines Captive, Non-Captive, Public and Private as Well as State Wise breakup as on 31/03/2024

State	Captive	Non-Captive	Total	Public	Private	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Gujarat	11	0	11	9	2	11
Rajasthan	5	1	6	5	1	6
Tamilnadu		3	3	3		3
All India	16	4	20	17	3	20

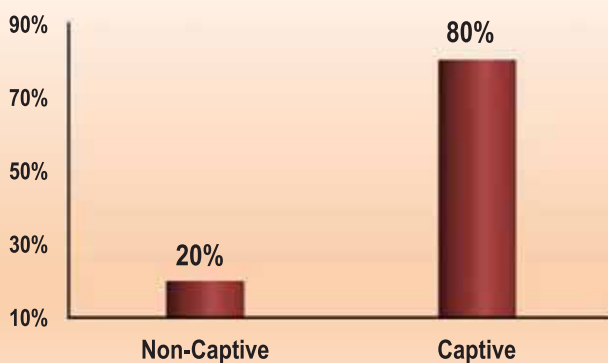
Share of Coal Mines Non-Captive & Captive in 2023-24



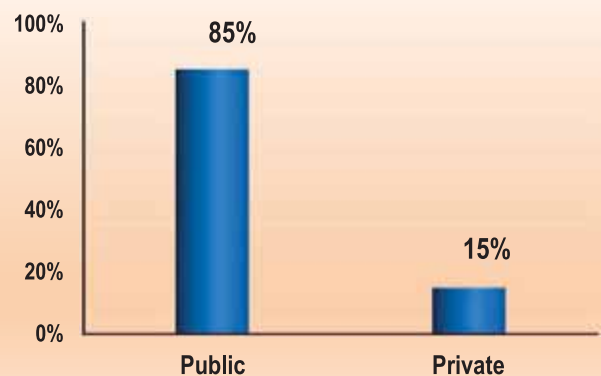
Share of Coal Mines Public & Private in 2023-24



Share of Lignite Mines Non-Captive & Captive in 2023-24



Share of Lignite Mines Public & Private in 2023-24



13.

Star Rating of Coal Mines



Section XIII

Star Rating

1. Star Rating Policy

13.1.1 The Policy was implemented from F.Y.2018-19. Policy was issued vide OM No: CCSD-51013/09/2018-CCSD, dt.07.03.2019.

13.1.2 Objective of Star Rating: To identify and give proper recognition to best performing mines. Based on compliance of statutory provisions (safety regulations, environment, rehabilitation of project affected families, welfare of workmen), adoption of safer and latest mining technology, economic performance.

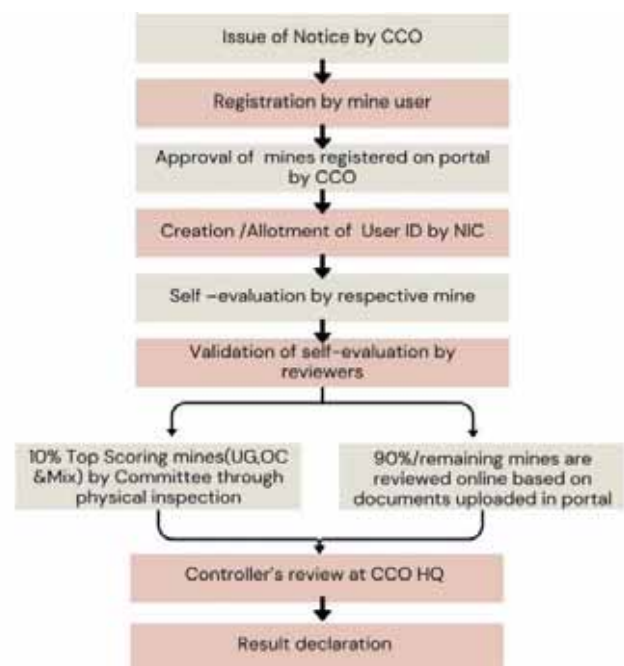
13.1.3 It is a system of self-evaluation and subsequent validation by CCO of all mines (UG, OC & Mix) under various factors, covered under seven modules. Modules to evaluate various parameters for awarding Star Rating are:

- Module-1: Mining Operations related parameter.
- Module-2: Environment related parameters.
- Module-3 : Adoption of technologies: Best mining Practices.
- Module-4: Economic performance.
- Module-5: Rehabilitation and resettlement parameters.
- Module-6 : Workers related parameters.
- Module-7 : Safety and security related parameters.

50 Parameters to be evaluated for OC mines and 47 Parameters to be evaluated for UG mines in all seven modules. Further, In case of mix mine, final rating is decided on weighted average of coal production target for UG and OC section of the mine. The Evaluation is done on total 100 marks.

2. Process of Star Rating

13.2.1 Process of Star Rating evaluation: Through Web Portal designed by NIC



13.2.2 Methodology for Self-Evaluation:

The evaluation to be done under three categories of mines i.e. UG mines, OC mines and Mixed mines.

- a. With reference to the evaluation template (OC / UG) the mines are self-evaluated against each parameter.
- b. Points are scored for each evaluation parameter in the modules (choosing eligible number from drop down).
- c. Some evaluation parameters won't be applicable for which N.A. option from dropdown shall be selected.
- d. The sum of maximum points of all applicable parameters and sum of scored points will be calculated.

- e. The Star Rating will be done based on percentage of scored points.
- f. For mix mine, final rating is decided on weighted average of coal production target for UG and OC section.

Statement 13.1: Star Rating Ranks Criteria	
Percentage of score	Star Rating
91 TO 100%	5 Star
81 TO 90%	4 Star
71 TO 80%	3 Star
61 TO 70%	2 Star
41 TO 60%	1 Star
0 TO 40%	No star

- g. Submission of self-evaluation is to be done as per prescribed deadline set by CCO.

13.3.1 Statement 13.2 indicates that 43 companies achieved a 5-star rating, while 5 companies did not receive any stars in the performance rating for FY 2022-23. The distribution of star rating performance for these coal mines/lignite is presented below.

Statement 13.2: Star Rating of Coal and Lignite Mines in 2022-23				
Performance	UG	OC	Mixed	Total
5 Star	10	33	0	43
4 Star	44	52	4	100
3 Star	50	69	4	123
2 Star	33	36	3	72
1 Star	13	21	3	37
No star	0	5	0	5
Total	150	216	14	380

13.3.2 Statement 13.3 indicates that total 380 out of 444 mines was participated in the performance rating for the FY 2022-23. The distribution of participated company wise star performance for these coal mines/lignite is presented below.

Statement 13.3: Company Wise mine Participated in Star Rating in 2022-23		
Companies	Operating Mines	Mines Participated
BCCL	33	33
CCL	53	39
ECL	79	75
MCL	18	18
NCL	10	10
NEC	1	1
SECL	67	63
WCL	62	50
SCCL	42	37
NLCIL	5	5
Others	74	49
Total	444	380

13.3.3 The distribution of star rating performance for Companies wise coal mines/lignite is presented below.

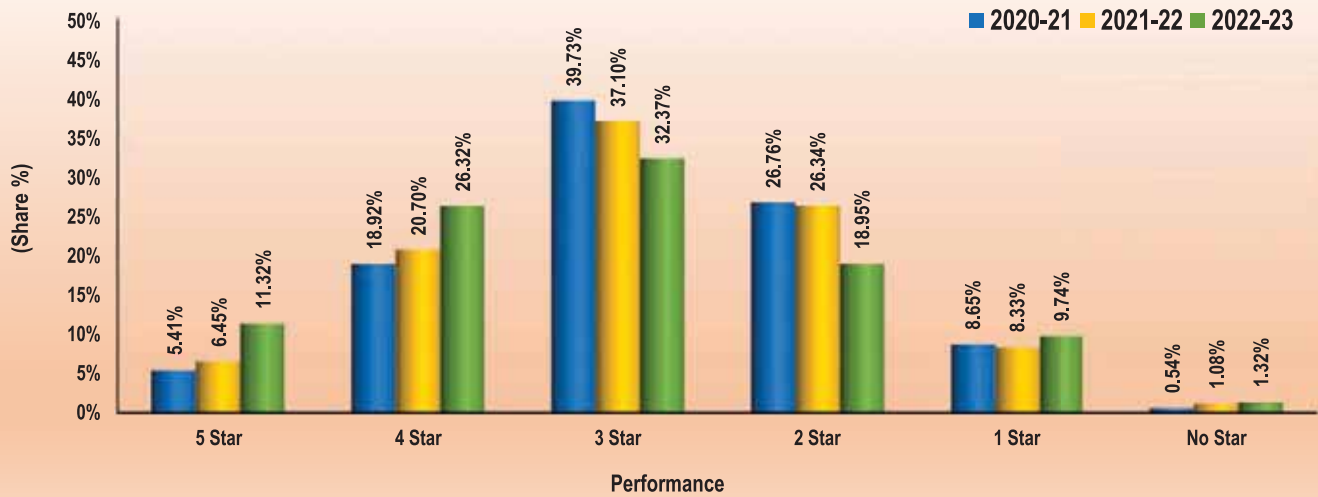
Statement 13.4: Company Wise Star Rating of Coal and Lignite Mines in 2022-23							
Companies	5 Star	4 Star	3 Star	2 Star	1 Star	No Star	Total
BCCL	1	5	13	10	3	1	33
CCL	4	3	18	10	4	0	39
ECL	2	4	28	24	17	0	75
MCL	6	9	3				18
NCL	9	1					10
NEC			1				1
SECL	4	17	21	16	5		63
WCL	3	25	21	1			50
SCCL	2	18	13	4			37
NLCIL	4	1					5
Others	8	17	5	7	8	4	49
Total	43	100	123	72	37	5	380

Table 13.1 : Type Wise Star Rating Performance of Coal and Lignite Mines from 2018-19 to 2022-23

(Qty. in No.)

Star Rating	2018-19				2019-20				2020-21				2021-22				2022-23			
	UG	OC	Mixed	Total	UG	OC	Mixed	Total	UG	OC	Mixed	Total	UG	OC	Mixed	Total	UG	OC	Mixed	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(6)	(7)	(8)	(9)
5 Star	4	4	0	8	5	11	0	16	5	15	0	20	6	18	0	24	10	33	0	43
4 Star	36	28	2	66	20	19	2	41	24	46	0	70	36	41	0	77	44	52	4	100
3 Star	74	62	3	139	74	60	1	135	73	72	2	147	66	69	3	138	50	69	4	123
2 Star	36	50	6	92	40	51	8	99	37	51	11	99	37	53	8	98	33	36	3	72
1 Star	22	24	5	51	17	37	7	61	12	15	5	32	6	20	5	31	13	21	3	37
No Star	0	1	0	1	2	4	0	6	2	0	0	2	0	4	0	4	0	5	0	5
Total Mines	172	169	16	357	158	182	18	358	153	199	18	370	151	205	16	372	150	216	14	380

Share of Star Rating Performance of Coal and Lignite Mines from 2020-21 to 2022-23



Share of Star Rating Performance of Coal and Lignite OC, UG & Mixed Mines from 2020-21 to 2022-23

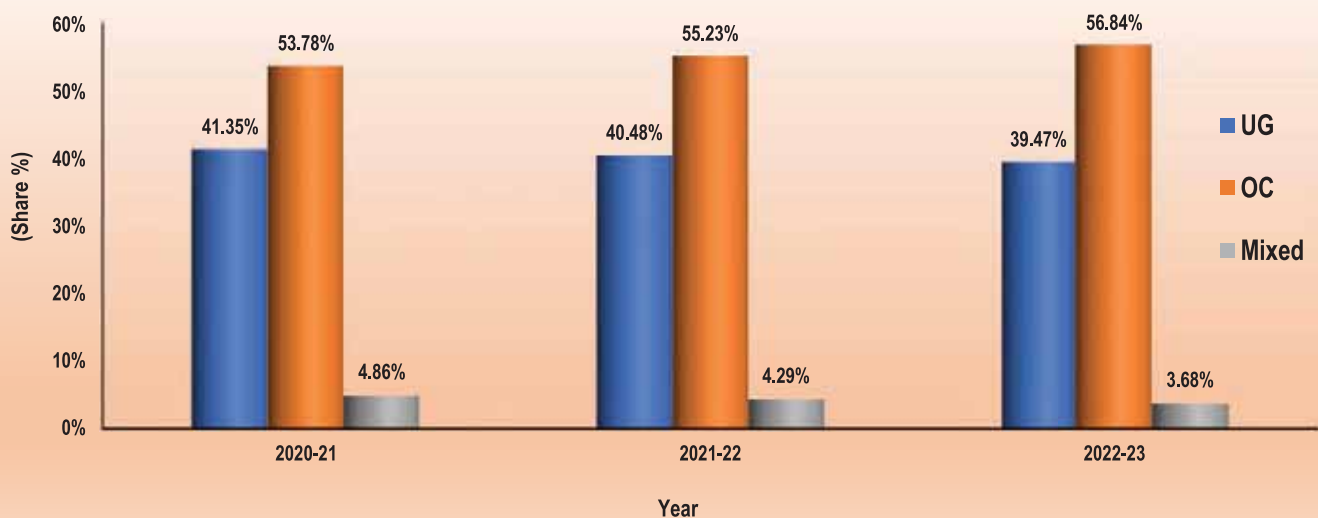
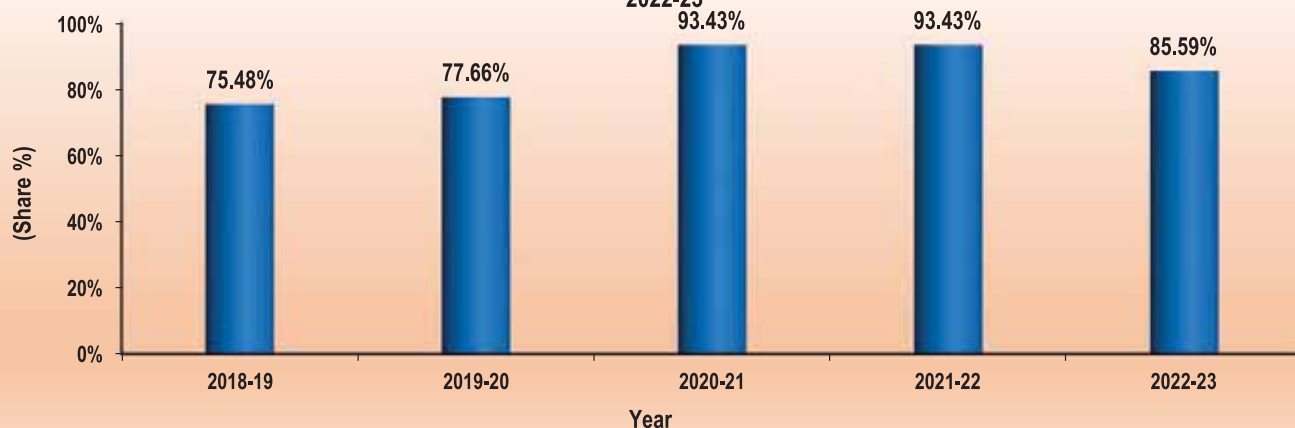


Table 13.2 : Company Wise Operating, Participated and Participation(%) of Star Rating Performance of Coal and Lignite Mines from 2018-19 to 2022-23

(Qty. in No.)

Compinies	Number of Operating Mines					Mines Participated					Participation (%)				
	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23	2018-19	2019-20	2020-21	2021-22	2022-23
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
BCCL	38	36	32	32	33	34	30	32	29	33	89%	83%	100%	91%	100%
CCL	54	54	43	42	53	44	41	42	42	39	81%	76%	98%	100%	74%
ECL	81	78	77	78	79	77	71	69	73	75	95%	91%	90%	94%	95%
MCL	25	25	18	18	18	19	18	18	18	18	76%	72%	100%	100%	100%
NCL	12	13	10	10	10	10	10	10	10	10	83%	77%	100%	100%	100%
NEC	4	3	1	1	1	2	0	0	1	1	50%	0%	0%	100%	100%
SECL	76	73	66	67	67	67	63	64	63	63	88%	86%	97%	94%	94%
WCL	79	73	60	62	62	58	56	60	58	50	73%	77%	100%	94%	81%
SCCL	49	45	38	38	42	42	36	38	38	37	86%	80%	100%	100%	88%
NLCIL	4	4	5	5	5	4	4	5	5	5	100%	100%	100%	100%	100%
Others	51	57	46	45	74	0	29	32	35	49	0%	51%	70%	78%	66%
Total Mines	473	461	396	398	444	357	358	370	372	380	75%	78%	93%	93%	86%

Share of Year Wise Participation of Star Rating Performance of Coal and Lignite Mines from 2018-19 to 2022-23



Share of Company Wise Participation of Star Rating Performance of Coal and Lignite Mines during last Two Years

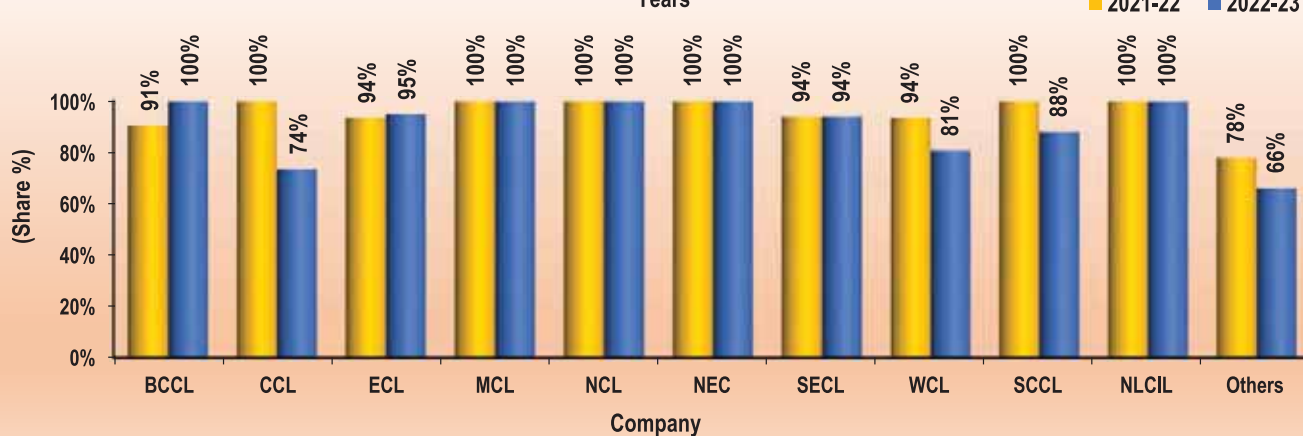


Table 13.3 : Company Wise Star Rating of Mines as Evaluated from 2018-19 to 2022-23

(Qty. in No.)								
Company	Year	5 Star	4 Star	3 Star	2 Star	1 Star	No Star	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
BCCL	2018-19		1	12	18	3		34
	2019-20		2	3	13	10	2	30
	2020-21		2	13	14	3		32
	2021-22	1	4	9	10	5		29
	2022-23	1	5	13	10	3	1	33
CCL	2018-19		4	23	10	7		44
	2019-20		3	23	12	2	1	41
	2020-21	1	5	20	12	4		42
	2021-22		5	20	13	4		42
	2022-23	4	3	18	10	4	0	39
ECL	2018-19	2	18	22	24	11		77
	2019-20		6	21	18	25	1	71
	2020-21		5	21	28	15		69
	2021-22		3	20	37	13		73
	2022-23	2	4	28	24	17	0	75
MCL	2018-19		2	12	5			19
	2019-20		1	2	6	7	2	18
	2020-21		1	10	5	2		18
	2021-22	1	4	8	5			18
	2022-23	6	9	3				18
NCL	2018-19	2	5	3				10
	2019-20	2		3	5			10
	2020-21	4	6					10
	2021-22	6	4					10
	2022-23	9	1					10
NEC	2018-19				2			2
	2019-20							0
	2020-21							0
	2021-22			1				1
	2022-23			1				1
SECL	2018-19	1	14	36	10	6		67
	2019-20	2	4	33	18	6		63
	2020-21	2	15	27	16	3	1	64
	2021-22	1	15	35	6	6		63
	2022-23	4	17	21	16	5		63
WCL	2018-19		7	11	17	22	1	58
	2019-20		11	25	15	5		56
	2020-21	1	11	32	12	3	1	60
	2021-22	1	18	21	18			58
	2022-23	3	25	21	1			50
SCCL	2018-19	1	13	20	6	2		42
	2019-20	1	6	17	8	4		36
	2020-21		14	18	6			38
	2021-22	1	16	17	4			38
	2022-23	2	18	13	4			37
NLCIL	2018-19	2	2					4
	2019-20	3		1				4
	2020-21	4	1					5
	2021-22	4	1					5
	2022-23	4	1					5
Others	2018-19							0
	2019-20	8	8	7	4	2		29
	2020-21	8	10	6	6	2		32
	2021-22	9	7	7	5	3	4	35
	2022-23	8	17	5	7	8	4	49
All India	2018-19	8	66	139	92	51	1	357
	2019-20	16	41	135	99	61	6	358
	2020-21	20	70	147	99	32	2	370
	2021-22	24	77	138	98	31	4	372
	2022-23	43	100	123	72	37	5	380

14.

Appendix



Abbreviations

Abbreviations	Full Name of Companies	Public/ Private	Sectors
(1)	(2)	(3)	(4)
Coal Company			
AIPL	Auro Infra Private Limited	Private	Captive
AMBUJA	Ambuja Cement	Private	Captive
APMDCL	Andhra Pradesh Mineral Development Corporation Limited	Public	Commercial
BALCO	Bharat Aluminium Company Limited	Private	Captive
BCCL	Bharat Coking Coal Limited (Coal India Ltd. Subsidiary)	Public	Non Captive
BSIL	BS Ispat Limited	Private	Captive
BSMPL	Boulder Stone Mart Private Limited	Private	Commercial
CCL	Central Coalfields Limited (Coal India Ltd. Subsidiary)	Public	Non Captive
CESC	CESC Limited	Private	Captive
CSPGCL	Chhattisgrah State Power Generation Corporation Limited	Public	Captive
DPL	Durgapur Projects Limited	Public	Captive
DVC	Damodar Valley Corporation	Public	Non Captive
ECL	Eastern Coalfields Limited (Coal India Ltd. Subsidiary)	Public	Non Captive
HIL	Hindalco Industries Limited	Private	Captive
IISCO	Indian Iron & Steel Company Limited	Public	Non Captive
JKML	Jammu & Kashmir Minerals Limited	Public	Non Captive
JPL	Jindal Power Limited	Private	Commercial
JPVL	Jaiprakash Power Ventures Limited	Private	Captive
JSMDCL	Jharkhand State Mineral Development Corporation Limited	Public	Non Captive
JSPL	Jindal Steel and Power Limited	Private	Captive
KPCL	Karnataka Power Corporation Limited	Public	Captive
MCL	Mahanadi Coalfields Limited (Coal India Ltd. Subsidiary)	Public	Non Captive
NALCO	National Aluminium Company Limited	Private	Captive
NCL	Northern Coalfields Limited (Coal India Ltd. Subsidiary)	Public	Non Captive
NEC	North Eastern Coalfields (Coal India Ltd. Subsidiary)	Public	Non Captive
NLCIL	Neyveli Lignite Corporation India Limited	Public	Captive
NTPC	National Thermal Power Corporation	Public	Captive
OCPL	Odisha Coal & Power Limited	Public	Captive
PSPCL	Punjab State Power Corporation	Public	Captive
RCCPL	Reliance Cement Company Private Limited	Private	Captive
RRVUNL	Rajasthan Rajya Vidyut Utpadan Nigam Limited	Public	Captive
SAIL	Steel Authority of India Limited	Public	Captive
SCCL	Singareni Collieries Company Limited	Public	Non Captive
SECL	South Eastern Coalfields Limited (Coal India Ltd. Subsidiary)	Public	Non Captive
SEML	Sarda Energy and Minerals Limited	Private	Commercial
SIL	Sunflag Iron & Steel Company Limited	Private	Captive
SPL	Sasan Power Limited	Private	Captive
TGGENCO	Telangana State Power Generation Corporation Ltd.	Public	Captive

Abbreviations

Abbreviations	Full Name of Companies	Public/ Private	Sectors
(1)	(2)	(3)	(4)
Coal Company			
THDC	THDC India Limited	Public	Captive
TSL(TISCO)	Tata Steel Limited	Private	Non Captive
TUML	Topworth Urja and Minerals Limited	Private	Captive
UTCL	UltraTech Cement Limited	Private	Captive
VEDANTA	Vedanta	Private	Captive
WBPDC	West Bengal Power Development Corporation Ltd.	Public	Captive
WCL	Western Coalfields Limited (Coal India Ltd. Subsidiary)	Public	Non Captive
Lignite Company			
BLMCL	Barmer Lignite Mining Company Limited	Public	Captive
GHCL	Gujarat Heavy Chemical Limited	Public	Captive
GIPCL	Gujarat Industries Power Company Limited	Public	Captive
GMDCL	Gujarat Mineral Development Corporation Limited	Public	Non Captive
GPCL	Gujarat Power Corporation Limited	Public	Captive
NLCIL	Neyveli Lignite Corporation India Limited	Public	Non Captive
RSMML	Rajasthan State Mines and Mineral Limited	Public	Captive
VSLPPL	V. S. Lignite Power Private Limited	Private	Captive
General Terms			
DMF	District Mining Fund		
G R	Geological Report		
MT	Million Tonnes		
MTPA	Million Tonnes Per Annum		
NMET	National Mineral Exploration Trust		
NRS	Non Regulated Sector		
OBR	Over Burden Removal		
O.C.	Open Cast		
PSU(C)	Public Sector Undertaking (Central)		
PSU(S)	Public Sector Undertaking (State)		
TT	Thousand Tonnes		
U.G.	Under Ground		
UMPP	Ultra Mega Power Project		



**Government of India
Ministry of Coal
Coal Controller Organisation**