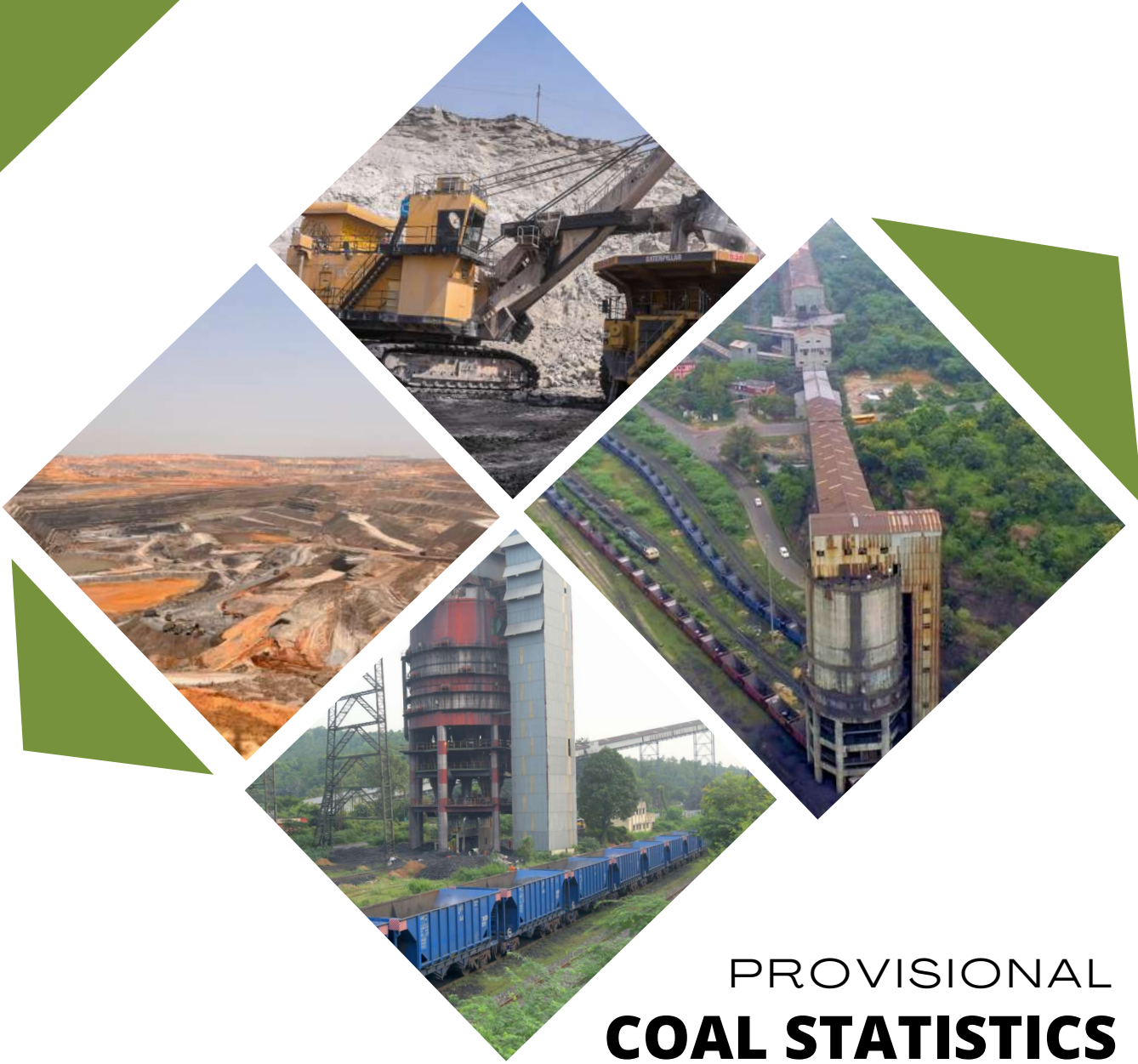




सत्यमेव जयते



PROVISIONAL  
**COAL STATISTICS**  
2021 - 22

OFFICE OF THE COAL CONTROLLER  
MINISTRY OF COAL  
GOVERNMENT OF INDIA



सत्यमेव जयते

# **PROVISIONAL COAL STATISTICS**

## **2021-22**

**OFFICE OF THE COAL CONTROLLER**  
**MINISTRY OF COAL**  
**GOVERNMENT OF INDIA**

# **PROVISIONAL COAL STATISTICS 2021-22**

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प्रल्हाद जोशी  
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सत्यमेव जयते



संसदीय कार्य, कोयला एवं खान मंत्री  
भारत सरकार  
नई दिल्ली  
MINISTER OF PARLIAMENTARY AFFAIRS,  
COAL AND MINES  
GOVERNMENT OF INDIA  
NEW DELHI



### Message

Coal sector is the mainstay for India's electricity generation and is intricately connected with multiple sectors of the economy and livelihoods at the grassroots. India has a balanced energy basket and the coal sector is an important contributor to fulfilling nation's energy needs.

With Coal being the irreplaceable source for power generation in India amongst other sources such as Solar, Wind, Hydel and Natural gas, the government is making concerted efforts to enhance coal production and meet the coal demand in the country.

**Provisional Coal Statistics 2021-22** is a comprehensive document encapsulating the performance of the coal sector. This publication incorporates provisional information on coal, coal products and lignite in addition to data on Reserves, Production, Despatch, Pit-head Closing Stock, Imports and Exports etc.

I sincerely hope and believe that this publication will be of immense help. I commend the officials of Ministry of Coal, especially the Coal Controller's Organization for this valuable resource.

Jai Hind!

New Delhi  
23 June, 2022

(Pralhad Joshi)



रावसाहेब पाटिल दानवे  
Raosaheb Patil Danve



रेल, कोयला एवं खान  
मंत्रालय में राज्यमंत्री  
Minister of State in the  
Ministry of Railways,  
Coal and Mines



## MESSAGE

Coal forms the backbone of India's energy system. The coal sector in India is an integral part of economy and will continue to play an important role in ensuring energy security of our country.

The major activities in the sector such as assessing available resource, enhancing production through mechanisation and streamlining despatches have resulted in ensuring sustainable delivery of coal to power houses and industry.

**Provisional Coal Statistics 2021-22** intend to provide all the necessary provisional statistics related to Coal for strategic planning and usage of this prime energy fuel. To eliminate substitutable quantities of imported coal in the country, we are focused in our efforts towards increasing the domestic coal supplies to all the consumers, rationalizing coal movements and incentivizing domestic coal consumption to achieve the goal of '**AtmaNirbhar Bharat**'.

I sincerely wish to congratulate the entire team at CCO for publishing this compilation and extend best wishes to them for their future endeavours. I wish that this publication will help the readers in getting a detailed overview and the necessary insights.

New Delhi  
June, 2022

  
(RaosahebPatilDanve)





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## Message

India is the second largest consumer, importer and producer of Coal globally. Coal continues to be the most significant domestic source of energy supply. Coal accounts for more than 55% of the India's primary commercial energy. Nearly 72% of the entire power generated in the country is coal based.

With Coal holding such a large sway in the Indian energy sector, the publication of this Provisional Statistics report 2021-22 is intended to meet all data-related requirements related to coal resources, reserves and washeries performance.

The 'Provisional Coal Statistics 2021-22' provides a reference guide in gauging the progress of the Coal and Lignite sector of India. The coal sector producers, consumers and the coal dependent industries and businesses will find this publication useful in orienting their actions for the future and also feel encouraged to contribute significantly in the sector's development.

I compliment the efforts of the officers of Coal Controllers Organization, Ministry of Coal, in bringing out this publication that encapsulates the supply side as well as the demand side data of the entire coal value chain.

  
(Dr. Anil Kumar Jain)

New Delhi  
21<sup>st</sup> June, 2022



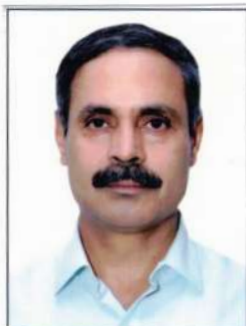
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सत्यमेव जयते

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GOVERNMENT OF INDIA  
MINISTRY OF COAL  
SHASTRI BHAWAN, NEW DELHI-110 001




**MESSAGE**

Coal is woven intricately into the fabric of the Indian Economy contributing over 75% of the total power generation. India needs both coal and RE to meet its growing power needs. With abundant coal deposits and coal production capability, dependence of coal is likely to continue in the medium term and in percentage terms its contribution will go down. India is on track to meet its commitments under the Paris Agreement. Adherence to environmental regulations and implementation of measures to mitigate the impact of coal mining and associated activities is being ensured by the coal mining companies.

For energy security of the country, reliance on coal will continue yet at the same time, RE will contribute greater share in the overall energy mix. Strategic planning is aware of this shift in the energy mix and is preparing to facilitate the transition. The objective is to conserve the prime non-renewable energy fuel - coal and simultaneously promote renewable sources of energy. The **“Provisional Coal statistics 2021-22”**, contains information on the coal and lignite sector of India for the past few years and the provisional information for the year 2021-22.

I congratulate the team CCO for publication of this book. I hope various stakeholders will find it useful and they will get a detailed overview and necessary insights from this comprehensive repository of information. I am sure this compilation will prove to be an asset for planning policy and research purposes.

New Delhi  
20 June, 2022

  
20/06/2022

(Vinod Kumar Tiwari)



**M. Nagaraju, IAS**  
Additional Secretary  
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भारत सरकार  
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## Message

India, in the recent past, has taken several progressive coal reforms to ensure India's energy security, sustainable development and commitment to protect the environment.

While the Ministry continues to concentrate on enhancing and reforming the Coal and Lignite sectors of India, I feel immensely happy that its achievements are captured through this publication, '**Provisional Coal Statistics 2021-22**'.

This book is a reliable and updated database of the coal sector, covering an entire gamut of data from production, dispatch, import and export etc.

I compliment the efforts of the team of CCO led by Ms Santosh for bringing out this publication and I believe that this publication will prove helpful in taking informed decisions by all the relevant stakeholders.

New Delhi  
20<sup>th</sup> June, 2022

  
(M. Nagaraju) 20/6/22



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Lok Nayak Bhawan



## FOREWORD

Coal is the backbone of India's energy mix with more than 70% share in electricity generation along with significant contribution in production of steel, cement, fertilizer etc. With substantial indigenous reserves and affordability, coal is likely to remain the primary source of energy in foreseeable future. The coal industry has been relentlessly serving the nation and addressing the energy requirements in time.

Quality, reliable and accurate coal sector statistics is imperative for effective and informed decision making. This publication presents an integrated database on Coal statistics and serves as a vital instrument in providing a holistic picture of the sector in our country. The 'Provisional Coal Statistics 2021-22' provides information on coal and lignite Reserve, Production, Despatch, Pit-head closing stock, Import and Export.

I express my sincere gratitude to the Hon'ble Minister Shri Pralhad Joshi, Shri Raosaheb Patil Danve, Secretary (MoC) and all senior officers for their able guidance and support. I also wish to congratulate and place on record my sincere appreciation to the Officers and staff of the Coal Controller's Organization who contributed in bringing out this publication.

For further improvement in content as well as in presentation, suggestions are solicited.

Delhi

20, June, 2022

*Santosh*  
(Santosh)

Coal Controller

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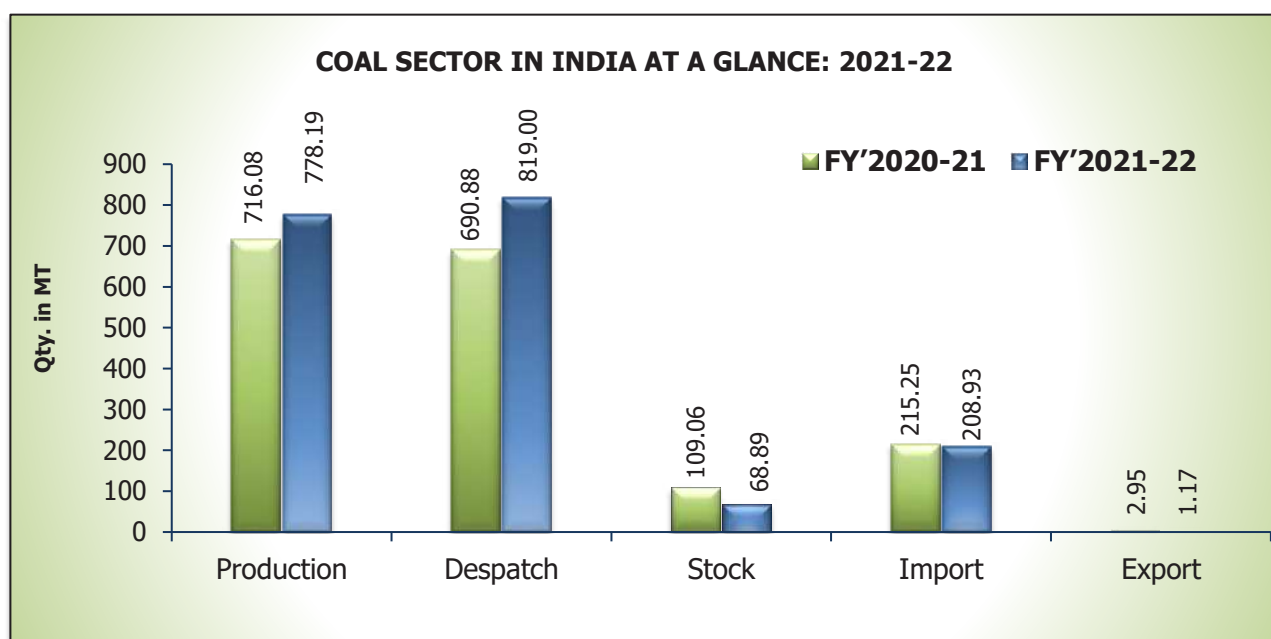
**HIGHLIGHTS**

# I. Highlights

## COAL SECTOR IN INDIA AT A GLANCE: 2021-22

Qty. in MT

Item	FY'2020-21	FY'2021-22	Growth (%)
Production	716.083	778.190	8.67
Despatch	690.884	818.997	18.54
Closing Stock	109.060	68.889	-36.83
Import	215.251	208.934	-2.93
Export	2.945	1.169	-60.30



### 1. Production & Productivity

**1.1** In the year 2021-22, total production of raw coal in India was 778.190 MT whereas it was 716.083 MT in 2020-21, showing a growth of 8.67% over the previous year. In the year 2021-22, production of lignite was 47.490 MT against 37.895 MT in 2020-21, showing a growth of 25.32% over the year 2020-21 [Ref table: 2.1].

In the year 2021-22, production of coking coal was 51.702 MT whereas it was 44.787 MT in 2020-21, showing an increase of 15.44% compared to the previous year. In 2021-22,

production of non-coking coal was 726.488 MT against 671.296 MT in 2020-21, showing a growth of 8.22% over the previous year 2020-21 [Ref table: 2.2].

In the year 2021-22, production of washed coal (coking) was 4.638 MT against 4.518 MT in 2020-21, thus showcasing an increase of 2.66% over 2020-21. In 2021-22, production of middling (coking) was 2.442 MT against 3.623 MT in 2020-21, thus showing a negative growth of 32.60% over 2020-21 [Ref table: 2.3].

The contribution of public and private sectors in the production of raw coal in 2021-22 was as follows: [Ref table: 2.10]

<b>Production of Raw Coal in 2021-22(MT)</b>			
Sector	Coking	Non-Coking	Total Coal
Public	47.022	700.397	747.419
Private	4.680	26.091	30.771
<b>All India</b>	<b>51.702</b>	<b>726.488</b>	<b>778.190</b>

**1.2** In the year 2021-22, Odisha registered highest coal production of 185.069 MT (23.78%), followed by Chhattisgarh 154.120 MT (19.80%), Madhya Pradesh 137.953 MT (17.73%), and Jharkhand 130.104 MT (16.72%). In 2021-22, Tamil Nadu was the largest producer of lignite and produced 23.635 MT (49.77%), followed by Gujarat 13.330 MT (28.07%) and Rajasthan 10.525 MT (22.16%) [Ref table: 2.6 & 2.7].

In the year 2021-22, Coal India Limited produced 622.634 MT (80.01%) and SCCL produced 65.022 MT (8.36%) of coal. During this year, main producer of lignite was Neyveli Lignite Corporation that produced 25.112 MT (52.88%) [Ref table: 2.11 & 2.10].

Like previous years, In the year 2021-22, Jharkhand was the highest producer of coking coal and produced 51.219 MT, which was 99.07% of total coking coal production of 51.702 MT. As the highest non-coking coal producing state, Odisha produced 185.069 MT (25.47%) of coal, followed by Chhattisgarh 153.895 MT (21.18%) and Madhya Pradesh 137.795 (18.97%) [Ref table: 2.8].

**1.3** In the year 2021-22, 95.74% of coal production in India was from Open Cast mines (745.007 MT) and the rest 4.26% was from Under Ground mines (33.183 MT) [Ref table: 2.16].

MCL was the highest producer of coal from Open Cast mines and produced 167.667 MT (22.51%) followed by SECL 128.074 MT (17.19%) and NCL 122.431 MT (16.43%). GP-IV/I, IV/2



& IV/3 are excluded here in the given quantity of SECL. SECL was the highest coal producer amongst Under Ground mines and produced 11.527 MT (28.35%), followed by ECL 8.996 MT (27.11%) and SCCL 6.258 MT (15.39%) [Ref table: 2.17].

Output per Manshift (OMS) of Open Cast mines in 2021-22 was 16.79 tonnes for CIL and 15.15 tonnes for SCCL. OMS for Under Ground mines of CIL was 0.88 tonnes and for SCCL it was 1.19 tonnes. OMS is the output measured in tonnes per unit of man-shift [Ref table: 2.18].

Overall stripping ratio for the year 2021-22 was 2.75. Stripping ratio is defined as the ratio of over burden removal to coal produced in open cast mining [Ref table:2.19].

## 2. Despatch & Off-take

**2.1** In the year 2021-22, despatch of indigenous raw coal was 818.997 MT against 690.884 MT in 2020-21, thus there was an increase of 18.54% as compared to the despatch quantity of 2020-21. In this year, despatch of lignite was 49.073 MT against 38.492 MT in 2020-21, showcasing an increase of 27.49% over the previous year [Ref table:3.1].

In the year 2021-22, despatch of coking coal increased from 44.000 MT in 2020-21 to 54.402 MT in 2021-22, showing an increase by 23.64% in 2021-22. In the year 2021-22, despatch of non-coking coal was 764.595 MT where as it was 646.884 MT in 2020-21, thus the total despatch increased by 18.20% over 2020-21 [Ref. table:3.2].

In the year 2021-22, despatch of washed coal (coking) was 4.733 MT against 4.458 MT in 2020-21, depicting an increase of 6.17% over 2020-21. In 2021-22, despatch of middling (coking) was 2.870 MT against 3.168 MT in 2020-21, showcasing a decrease of 9.41% over 2020-21 [Ref table: 3.3].

The contribution of public and private sectors in the dispatch of raw coal in 2021-22 was as follows: [Ref table: 3.8]

<b>Despatch of Raw Coal in 2021-22(MT)</b>			
Sector	Coking	Non-coking	Total Coal
Public	49.717	738.736	788.453
Private	4.685	25.859	30.544
<b>All India</b>	<b>54.402</b>	<b>764.595</b>	<b>818.997</b>

**2.2** In 2021-22, major quantity of coal was despatched from Odisha, which was 193.423 MT (23.62%), followed by Chhattisgarh 166.429 MT (20.32%), Jharkhand 138.559 MT (16.92%), Madhya Pradesh 115.332 MT (14.08%) and Telangana 67.743 MT (8.27%) [Ref table:3.6].

In regard to despatch of lignite, Tamil Nadu had the highest share of 25.454 MT (51.87%), followed by Gujarat 13.385 MT (27.28%) and Rajasthan 10.234 MT (20.85%) [Ref table:3.7].

**2.3** Out of the total despatch of raw coal in the year 2021-22, despatch of CIL was 661.525 MT (80.77%) and SCCL was 65.533 MT (8.00%). Among the other PSUs, maximum quantity of coal was despatched by RRVUNL 15.000 MT (1.83%). Despatch of coal from private sector was 30.544 MT, in which SPL had the largest share of 18.193 MT (59.56%), followed by TSL 4.685 MT (15.34%) [Ref table:3.8].

**2.4** Power sector continued to be the largest consumer of coal. In 2021-22, the dispatch of coal to power sector was 709.860 MT (86.67%) and other than the power sector, coal was mainly despatched to steel sector (8.220 MT i.e., 1.00%), sponge iron sector (8.672 MT, i.e., 1.06%), and cement sector (7.290 MT, i.e., 0.89%), among others [Ref table: 3.14].

### 3. Pit-head Closing Stock

**3.1** Pit-head closing stock of raw coal at the end of 2021-22 was 68.889 MT against 109.060 MT at the end of 2020-21. Closing Stock of lignite at the end of 2021-22 was 3.389 MT, where as it was 4.981 MT at the end of 2020-21. Out of total closing stock at the end of 2021-22, share of public sector was 97.85% (67.407 MT) [Ref table:4.6].

### 4. Import & Export

**4.1** In the year 2021-22, total import of coal was 208.934 MT compared to 215.251 MT in 2020-21, thus showcasing a decline of 2.93% over 2020-21. In 2021-22, import of coking coal was 57.161 MT whereas it was 51.198 MT in 2020-21, depicting an increase of 11.65%. Import of non-coking coal was 151.773 MT in 2021-22 compared to 164.054 MT in 2020-21, which indicated a decline of 7.49% over 2020-21 [Ref table:5.1].

**4.2** In the year 2021-22, coal was mainly imported from Indonesia (72.497 MT), Australia (66.759 MT), South Africa (26.109 MT), USA (14.374 MT), Russia (8.275 MT), Singapore (6.143 MT) and Mozambique (6.572 MT) [Ref table:5.3].

In the year 2021-22, as far as port wise import of coal is concerned, coal was majorly imported from Dhamra (17.703 MT), Gangavaram (17.044 MT), Paradip Sea (16.729 MT), Krishnapatnam (16.576 MT), Jaigad (15.562 MT), Kandla Sea (14.789 MT), Mundra (11.468 MT), among others [Ref table:5.5].

**4.3** In the year 2021-22, export of coal was 1.169 MT compared to 2.945 MT in 2020-21 [Ref table:5.2]. Coal was mainly exported to Nepal (0.556 MT) and Bangladesh (0.529 MT) [Ref table:5.4]. Major quantity of coal was exported through Borsorah (0.192MT) and Raxaul Land (0.170 MT) ports. [Ref table:5.6].

## 5. Captive & Others Coal Blocks

**5.1** In the year 2021-22, the total production of raw coal from captive and others coal blocks in India was 90.534 MT compared to 69.282 MT in 2020-21. In 2021-22, dispatch of coal from captive and others coal blocks was 91.939 MT compared to 68.743 MT in 2020-21 [Ref table: 2.11 and 3.8].

## 6. Geological Resources & Exploration

**6.1** As per Geological Survey of India, geological reserves of coal in India as on 01.04.2021 was 3,52,126 Million Tonnes. The type wise break up of coal reveals that reserves of coking coal (prime, medium and semi-coking) were 35,101 MT and non-coking coal were 3,17,026 MT. The latest available data from GSI pertains to the year 2020-21. The data shall be revised and updated in the Coal Directory 2021-2022. Total coal extracted since 1950 up to 2021-22 was around 1,80,75,086 TT.



# CONCEPTS & DEFINITIONS

## II. Concepts and Definitions

**1. 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.

### 2. Classification of Coal

**2.1** 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 two sub-categories as given below.

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

**2.2** 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 heat raising. Bituminous coal is a medium-rank coal used for gasification, industrial coking and heat raising and residential heat raising. 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.

**2.3** 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 national and international, based on calorific value, volatile matter content, fixed carbon content, caking and coking properties, or some combination of two or more of these criteria.

**2.4** 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.

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

**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

**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.

**2.6** 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.

### 3. Classification of Coal in India

**3.1** 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.

**3.2 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.

**3.3 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.

**3.4 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.

**3.5 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 abrasive, 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.

**3.6 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.

**3.7 Hard Coke:** Solid product obtained from carbonization of coal, used mainly in the iron & steel industry.

## 4. Categorization of Coal in India

**4.1** 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%

**4.2** 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%

**4.3** 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:

$$UHV = 8900 - 138 (A + M)$$

Where UHV = Useful heat value in KCal/kg, A=Ash content (%), M=Moisture content (%).

N.B 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.

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

N.B 4: Ash percentage of coking coals and hard coke shall be determined after air drying as per IS1350 -1959. If the moisture so determined is more than 2 percent, the determination shall be after equilibrating at 60 percent relative humidity at 40 degree C temperature as per IS: 1350 - 1959.

**4.4** 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 and 7000
G3	GCV between 6401 and 6700
G4	GCV between 6101 and 6400
G5	GCV between 5801 and 6100
G6	GCV between 5501 and 5800
G7	GCV between 5201 and 5500
G8	GCV between 4901 and 5200
G9	GCV between 4601 and 4900
G10	GCV between 4301 and 4600
G11	GCV between 4001 and 4300
G12	GCV between 3700 and 4000
G13	GCV between 3400 and 3700
G14	GCV between 3101 and 3400
G15	GCV between 2801 and 3100
G16	GCV between 2501 and 2800
G17	GCV between 2201 and 2500

F	G11
	G12
G	G13
	G14
Non-coking Coal Ungraded	G15
	G16
	G17

## 5. Some General Concepts

**5.1 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.

**5.2 Open Cast Mining:** Open-pit mining, open-cut mining or open cast 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 over burden (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 over burden is thick or the mineral occurs as veins in hard rock - underground mining methods extract the valued material.

**4.5** 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.

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



**5.3 Under Ground 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.

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

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

**5.6 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.

**5.7 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 basic price and therefore it does not involve any cost of loading, transportation from pit-head, cess, royalty, sales tax, stowing excise duty etc. This approach is followed by all non-captive coal companies, viz., CIL subsidiaries, Singareni Collieries Company Ltd. (SCCL), Jharkhand State Mineral Development Corporation Ltd. (JSMDCL) and Jammu & Kashmir Mineral Ltd. (JKML).

**5.7.1** 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.

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, sales tax, stowing excise duty 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.).

**5.7.2** 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.

**5.7.3** 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.

**5.7.4** 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.

## 6. Commodity Classification

**6.1** For export import data, the 8-digit codes of Indian Trade Classification (based on Harmonized Coding System) have been adopted by DGCIS 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 have been taken under coke. The effect of retort carbon is negligible and is included under coke.





# KEY FINDINGS

### III. Key Findings

Provisional Coal Statistics 2021-22 is the latest Statistical Report on Coal in India based on the data received from various Indian coal companies. As the data provided here are based on pre-audited reports of the companies for the year 2021-22, the coal statistics has been termed as provisional. However, to provide a glimpse of the variation between the provisional statistics and the final one, presented below are the corresponding figures for last eight years along with the provisional quantities for 2021-22.

(Qty. in MT)

Year	Item	Production				Despatch			
		(Qty. in MT)							
		Coking Coal	Non Coking Coal	Total Coal	Lignite	Coking Coal	Non Coking Coal	Total Coal	Lignite
2012-13	Provisional	51.834	505.873	557.707	46.598	55.212	514.555	569.767	46.312
	Actual	51.582	504.820	556.402	46.453	55.859	511.277	567.136	46.313
	Change(A-P)	-0.49%	-0.21%	-0.23%	-0.31%	1.17%	-0.64%	-0.46%	0.00%
2013-14	Provisional	56.818	508.948	565.766	44.271	58.302	512.949	571.251	43.897
	Actual	56.818	508.947	565.765	44.271	58.464	513.596	572.060	43.897
	Change(A-P)	0.00%	0.00%	0.00%	0.00%	0.28%	0.13%	0.14%	0.00%
2014-15	Provisional	57.451	554.984	612.435	48.257	56.614	551.016	607.630	46.941
	Actual	57.446	551.733	609.179	48.270	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	639.230	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	45.230	59.545	590.774	650.319	43.155
	Actual	61.661	596.207	657.868	45.230	59.308	586.670	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	675.400	46.255	45.380	642.451	687.831	45.929
	Actual	40.148	635.252	675.400	46.644	45.380	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	706.770	42.267
	Actual	52.936	677.938	730.874	42.096	50.656	656.520	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	37.220
	Actual	44.787	671.296	716.083	37.895	44.000	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	51.70	726.49	778.19	47.49	54.40	764.56	818.99	49.07

N.B: F=Final, P=Provisional

Provisional Coal Statistics 2021-22, in addition to data on production, despatch and stock of coal and lignite in India during 2021-22, provides data on coal reserves as on 01-04- 2021, imports and exports of coal, performance of captive mining etc., during 2021-22.

Like previous publications, this report of 2021-22 also provides specific information regarding performance of captive coal blocks as far as production, despatch and closing stock are concerned. Segregation has been made between the coal blocks belonging to public sector and private sector on the basis of original allotment made to each of these sectors. Performance of coal blocks in respect of production, despatch and closing stock are depicted in the corresponding tables of this publication.

As the main objective of the Provisional Coal Statistics 2021-22 is to provide a quick overview of Indian Coal sector to all stakeholders, users, planners, etc., therefore, the report starts with an introductory note followed by tables and charts depicting various aspects of Coal statistics in India.

## Indian Coal and Lignite 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. Lignite deposits in India are primarily located in the Tertiary sediments in the Southern & Western parts of the peninsular shield, particularly in Tamil Nadu, Pondicherry, Gujarat, Rajasthan and Jammu & Kashmir. Lignite is also available in minor quantities in Kerala & West Bengal. As per Geological Survey of India, the reserve position for coal as well as lignite for last three years has been as follows:

Statement 2: Inventory of Geological Resources & Exploration of Coal in India					
Name of the Mineral	As on	Reserve (Mill. Tonnes)			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Coal	01/04/2019 *	1,55,614	1,40,501	30,381	<b>3,26,496</b>
	01/04/2020 *	1,63,461	1,50,392	30,168	<b>3,44,021</b>
	01/04/2021 *	1,77,179	1,46,949	27,998	<b>3,52,126</b>
Lignite	01/04/2019	6,788	26,237	12,734	<b>45,759</b>
	01/04/2020	6,788	26,237	12,994	<b>46,019</b>
	01/04/2021	7,374	25,650	12,994	<b>46,018</b>

\* Including Sikkim. The distribution of the coal and lignite reserves over the regions/states and by type in India and other details may be seen from table 1.7, 1.8 and 1.9.

Note: Latest available information from GSI regarding coal reserves pertains to 2020-21.

## 1. Production & Productivity

**1.1** In the year 2021-22, coal production in India reached 778.190 MT and registered a growth of 8.67% over the last year. During this period production of lignite reached 47.490 MT registering a growth of 25.32% over the last year. Statement 3(A) shows domestic production of coal in 2021-22 by public and private sectors.

Statement 3(A): Coal Production in India by Company			
Company	Coal Production (2021-22) [MT]		
	Coking	Non-coking	Total
CIL	46.602	576.032	622.634
SCCL		65.022	65.022
Other Public	0.420	59.343	59.763
Total Public	47.022	700.397	747.419
Total Private	4.680	26.091	30.771
<b>All India</b>	<b>51.702</b>	<b>726.488</b>	<b>778.190</b>

**1.2** It can be seen that Coal India Limited alone accounted for 80.01% of coal production in the country and share of SCCL was 8.36%. Share of public sector was 96.05% and that of private sector was 3.95%. Performance of subsidiary companies of Coal India Limited may be seen from statement 3(B). From statement 3(A) and 3(B) it can be seen that the major contributors in all India coal production were MCL (21.61%), SECL (18.31%) and NCL (15.73%). These three subsidiary companies of CIL collectively accounted for 55.65% of total coal production at all India level and 69.56% of production by CIL group.

Statement 3(B): Coal Production in India by CIL Subsidiary Wise coal production			
Company	Coal Production (2021-22) [MT]		
	Coking	Non-coking	Total
ECL	0.014	32.414	32.428
BCCL	29.041	1.470	30.511
CCL	17.164	51.682	68.846
NCL		122.431	122.431
WCL	0.158	57.550	57.708
SECL**	0.225	142.289	142.514
MCL		168.168	168.168
NEC		0.028	0.028
CIL	46.602	576.032	622.634
** Including GP-IV/1 & GP-IV/2&3			

**1.3** From the Statement 3(A) it can also be seen that by type of coal, major contribution in total coal production of non-coking coal was 93.36% and coking coal was 6.64%.

**1.4** From table 2.2, it can be seen that in the year 2021-22 production of coking coal increased by 15.44% over the previous year 2020-21 and non-coking coal production increased by 8.22% over the previous year.

**1.5** Statement 4 shows coal production in India during 2021-2022 by states. It may be observed that the four major producing states were Odisha (23.78%), Chhattisgarh (19.80%), Madhya Pradesh (17.73%) and Jharkhand (16.72%). These four states together contributed about 78.03% of the total coal production in the country.

Statement 4: Coal Production in India by State			
States	Coal Production (2021-22) [MT]		
	Coking	Non-Coking	Total
Assam	0.000	0.028	0.028
Chhattisgarh	0.225	153.895	154.120
J & K	0.000	0.011	0.011
Jharkhand	51.219	78.885	130.104
Madhya Pradesh	0.158	137.795	137.953
Maharashtra	0.000	56.529	56.529
Odisha	0.000	185.069	185.069
Telangana	0.000	67.233	67.233
Uttar Pradesh	0.000	18.073	18.073
West Bengal	0.100	28.970	29.070
<b>All India</b>	<b>51.702</b>	<b>726.488</b>	<b>778.190</b>

**1.6** Considering coal production from the technology point of view, it is observed from table 2.16 that in the year 2021-22 production from opencast (OC) mining was 745.007 MT which accounted for 95.74% of the total coal production and the rest 33.183 MT i.e., 4.26% was from the underground (UG) mining. It is interesting to note that the share of OC mining in total coal production has been steadily increasing over time and in the last ten years it has increased from 90.62% in 2012-13 to 95.74% in 2021-22.

**1.7** It can be seen from Table 2.3 that production of coal products decreased from 26.580 MT in the year 2020-21 to 25.304 MT in the year 2021-22. Out of total coal products in 2021-22, production of washed coal (coking) was 4.638 MT and washed coal (non-coking) was 16.705 MT.

**1.8** Table 2.13 and 2.14 show details of coal production by type (coking and non-coking) and grade by each company for the year 2021-22.

**1.9** 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 and planners. From table 2.20, it can be seen that in the year 2021-22, the stripping ratio at all India level was 2.75, the corresponding figure for the year 2020-21 was 2.67. Stripping ratio of CIL for 2021-22 was 2.29 and 2.18 in the year 2020-21. In the year 2021-22, stripping ratio for the public sector as a whole was 2.69 and for the private sector it was 4.19. In case of CIL companies, NEC reported the highest stripping ratio of 12.68 against coal production (OC) of 0.028 MT whereas MCL reported the lowest stripping ratio of 1.23 against coal production (OC) of 167.667 MT.

**1.10** Output per man shift (OMS) is one of the measures of efficiency in coal production. Statement 5 shows OMS in respect of type of mines i.e., OC and UG for the year 2021-22 and 2020-21 for two major players in the public sectors namely CIL and SCCL. From table 2.19, it can be seen that OMS for CIL in respect of open cast mining (OC) has shown an increasing trend from 2012-13 to 2015-16 (11.68 MT to 15.35 MT). However, last six years there was a fluctuating trend up to 2021-22. In case of SCCL it increased from 11.87 in 2012-13 to 15.15 in 2021-22. Further details on the issue can be seen from the table 2.18.

Statement 5: OMS (Tonnes) in OC & UG Mines in 2020-21 and 2021-22 (CIL & SCCL)			
Type of Mining	Company	Year	
		2020-21	2021-22
OC	CIL	19.42	16.79
	SCCL	13.86	15.15
UG	CIL	0.93	0.88
	SCCL	0.92	1.19
<b>Overall</b>	<b>CIL</b>	<b>10.32</b>	<b>9.60</b>
	<b>SCCL</b>	<b>5.62</b>	<b>6.09</b>

**1.11** In table 2.10, it is shown that production of lignite in the year 2021-22 was 47.490 MT whereas it was 37.895 MT in 2020-21 showing a growth of 25.32% over the previous year. Statement 6 shows production of lignite by different companies in 2020-21 and 2021-22. In the year 2021-22, four major producing companies with share in total production were NLC (52.88%), GMDCL (18.01%), BLMCL (12.78%), and GIPCL (6.13%).

Statement 6: Lignite Production (MT) in India by Companies in 2020-2021 and 2021-22		
Company	2020-21	2021-22
NLC	19.263	25.112
GMDCL	6.004	8.554
GIPCL	3.507	2.910
GPCL	1.281	1.785
RSMMML	0.830	1.981
GHCL	0.021	0.081
VSLPPL	0.971	1.000
BLMCL	6.018	6.067
<b>All India</b>	<b>37.895</b>	<b>47.490</b>

## 2. Despatch & Off-take

**2.1** In the year 2021-22, despatch of raw coal was 818.997 MT against 690.884 MT in the year 2020-21, thus resulting in a growth of 18.54% over the previous year.

**2.2** Statement 7 shows despatch of coal by different companies in the year 2021-22. It can be seen that Coal India Limited alone accounted for 80.77% of overall coal despatch in the country, while share of SCCL in coal despatch was 8.00%. The contribution of the private sector was 3.73%. In CIL group of companies, share of SECL in all India coal despatch during 2021-22 was 18.99%, MCL 21.51% and NCL 15.34%. These three subsidiary companies of CIL collectively accounted for 55.84% of raw coal despatch in all India level.

Statement 7: Coal Despatch in India by company- 2021-22			
Company	Coal Despatch (2021-22) [MT]		
	Coking	Non-coking	Total
ECL	0.015	35.905	35.920
BCCL	30.555	1.745	32.300
CCL	18.327	53.488	71.815
NCL		125.662	125.662
WCL	0.156	64.007	64.163
SECL	0.244	155.265	155.509
MCL		176.156	176.156
NEC		0	0
CIL	49.297	612.228	661.525
SCCL		65.533	65.533
Other Public	0.420	60.975	61.395
Total Public	49.717	738.736	788.453
Total Private	4.685	25.859	30.544
<b>All India</b>	<b>54.402</b>	<b>764.595</b>	<b>818.997</b>

**2.3** Statement 8 shows details of off-take of raw coal in India in the year 2021-22 by different sectors of economy. Analysis of total off-take by different sector shows that power sector accounted for 86.65% of total raw coal off-take. Further details are shown in table 3.14.

Statement 8: Off-take of Raw Coal in India in 2021-22 by Sector	
Sector	Off-take [MT]
Power (Utility)	671.702
Power (Captive)	38.158
Steel	8.220
Cement	7.290
Fertilizers	1.111
Sponge Iron	8.672
Other basic-Metal	2.530
Chemical	0.352
Pulp & Paper	1.250
Textiles & Rayons	0.082
Bricks	0.022
Others	79.608
<b>Total Despatch</b>	<b>818.997</b>
Colliery Consumption	0.192
<b>Total off-take</b>	<b>819.189</b>



**2.4** Table 3.11 and 3.12 show details of coal despatch by type (coking and non-coking) and grade of coal by each company during the year 2021-22.

**2.5** From Statement 9, it can be seen that despatch as well as off-take of lignite in the year 2021-22 was 49.073 MT. Like coal, lignite was mainly despatched to power sector and share was 78.98% of total off-take. Besides this, lignite was despatched to other sectors also as shown in the statement below.

Statement 9: Off-take (MT) of Lignite by Sector in India – 2021-22	
Sector	Off-take
Power (Utility)	30.643
Power (Captive)	8.113
Steel	0.268
Cement	1.547
Fertilizer	0.001
Other Basic Metal	0.000
Chemical	0.477
Pulp & Paper	0.782
Textiles & Rayons	3.398
Bricks	0.543
Others	3.301
<b>Total Despatch</b>	<b>49.073</b>
Colliery Consumption	0.000
<b>Total Off-take</b>	<b>49.073</b>

### 3. Pit Head Closing Stock

Statement 10: Pit Head Closing Stock of Coal and Lignite in India in Last Ten Years		
Year	Pit Head Closing Stock [MT]	
	Raw Coal	Lignite
2012-13	63.049	1.493
2013-14	55.514	1.860
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	68.889	3.389

A complete understanding of production and despatch of coal requires a discussion on the pit-head closing stock. It is to be noted that whenever we talk about pit-head closing stock of coal we refer to raw coal. From Statement 10 it can be seen that the pit-head closing stock as on 31-03- 2022 of coal and lignite was 68.889 MT and 3.389MT respectively.

**3.1** Statement 10 provides trend for last ten years for pit head closing stock of coal and lignite. It can be seen that in case of coal pit-head closing stock was 63.049 MT in the year 2012-13, however, for the year 2013-14, it was decreased. Thereafter it again showed increasing trend till 2016-17 and decreased again in 2017-18 and 2018-19 and it again increased in 2019-20 and 2020-21. However, for the year 2021-22, it was decreased. In case of lignite, closing stock has been showing upward trend since the year 2012-13 till 2017-18. Thereafter, it has been showing decreasing trend till 2021-22.

**3.2** Statement 11 shows pit head closing stock of coal of CIL- subsidiaries, SCCL and others as on 31-03-2021 and 31-03-2022. It can be seen that in 2021-22, CIL registered a negative growth of 38.53% in its Pit head closing stock of coal. In the CIL Group, there was significant decrease of closing stock in SECL, MCL and NCL. There was also decrease of closing stock in case of SCCL and increase in private sector. Further details on this aspect may be seen from tables 4.1 to 4.3.

Statement 11: Company wise Pit Head Closing Stock of Raw Coal (MT)		
Company	As on	
	31/03/2021	31/03/2022
ECL	6.302	2.636
BCCL	3.800	2.009
CCL	10.491	7.521
NCL	10.396	7.165
WCL	14.879	8.419
SECL	29.703	16.699
MCL	23.568	16.460
NEC	0.000	0.028
CIL	99.139	60.937
SCCL	5.239	4.718
Others Public	3.430	1.752
Total Public	107.808	67.407
Total Private	1.256	1.482
<b>All India</b>	<b>109.060</b>	<b>68.889</b>

Statement 12: Company wise Pit Head Closing Stock of Lignite (MT)		
Company	As on	
	31/03/2021	31/03/2022
NLC	4.571	2.752
GMDCL	0.000	0.000
GIPCL	0.000	0.000
GHCL	0.014	0.026
RSMML	0.000	0.000
VSLPPL	0.064	0.074
BLMCL	0.243	0.514
GPCL	0.089	0.023
<b>Total</b>	<b>4.981</b>	<b>3.389</b>

## 4. Import & Export

**4.1** 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 limited. Therefore, to bridge the demand and supply gap as well as to provide high quality coal for use in various industries the country has no option but to resort to import of coal, especially low-ash coal.

**4.2** 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.

**4.3** In the year 2021-22 import of raw coal of the country was 208.934 MT (in value 2287418.46 million Rupees) against import of 215.251 MT (in value 1160240.54 million Rupees) in 2020-21. Thus, in the year 2021-22, import of coal decreased by 2.93% over the previous year. The share of coking and non-coking coal is given in statement 13.

Statement 13: Import of Coal to India in 2021-22		
Type of Coal	Quantity [MT]	Value [Rs. Million]
Coking	57.161	1029958
Non-Coking	151.773	1257460
<b>Total</b>	<b>208.934</b>	<b>2287418</b>

It can be seen that the share of coking coal in the total quantity was 27.36% which in value terms accounted for 45.03% of the total. Statement 14 shows major source country wise import of coal in India in 2021-22. It can be seen that Indonesia with 34.70% share (72.497 MT) remained the leading supplier of coal to India followed by Australia 31.95% (66.759 MT), South Africa 12.50% (26.109 MT) and USA 6.88% (14.374 MT). These four countries together accounted for 86.03% of the total import to India during the year 2021-22.

Statement 14: Source Country-Wise Import of Coal to India during 2021-22		
Country	Quantity [In MT]	Share%
Indonesia	72.497	34.70
Australia	66.759	31.95
South Africa	26.109	12.50
USA	14.374	6.88
Russia	8.275	3.96
Mozambique	6.572	3.15
Singapore	6.143	2.94
Others	8.205	3.93
<b>Total</b>	<b>208.934</b>	<b>100.00</b>

**4.4** The break-up of source country wise import for coking and non-coking coal is given in Statement 15 and statement 16 respectively.

Statement 15: Source Country-Wise Import of Coking Coal to India during 2021-22		
Country	Quantity [In MT]	Share %
Australia	40.383	70.65
Singapore	4.302	7.53
USA	3.850	6.74
Canada	2.147	3.76
Mozambique	1.809	3.16
Russia	1.577	2.76
Others	3.093	5.41
<b>Total</b>	<b>57.161</b>	<b>100.00</b>

Statement 16: Source Country-Wise Import of Non-Coking Coal to India during 2021-22		
Country	Quantity [In MT]	Share%
Indonesia	71.393	47.04
Australia	26.376	17.38
South Africa	26.109	17.20
USA	10.524	6.93
Russia	6.698	4.41
Mozambique	4.762	3.14
Others	5.911	3.89
<b>Total</b>	<b>151.773</b>	<b>100.00</b>

**4.5** To comprehend the requirement of coal in real term, the planning commission of India has been estimating demand for each year in advance. However, the actual supply (Despatch + Import – Export) has been showing variance from these estimates against the estimated demand of coking coal and non-coking coal. The actual despatch, import and export of coking coal and non-coking coal during the last five years are given in Statement 17 and 18 respectively.

Statement 17: Demand*, Despatch, Import and Export of Coking Coal of India [MT]				
Year	Demand*	Despatch	Import	Export
2017-18	63.170	45.380	47.003	0.068
2018-19	58.370	43.318	51.838	0.060
2019-20	70.000	50.656	51.833	0.002
2020-21	77.000	44.000	51.198	0.003
2021-22	83.000	54.402	57.161	0.001

Statement 18: Demand*, Despatch, Import and Export of Non-coking Coal of India [MT]				
Year	Demand*	Despatch	Import	Export
2017-18	845.230	644.623	161.245	1.436
2018-19	932.980	689.476	183.510	1.247
2019-20	930.000	565.520	196.704	1.028
2020-21	975.000	646.884	164.054	2.942
2021-22	1028.000	764.595	151.773	1.168

\*Source: Annual Plan, MOC

**4.6** Export of Coal: Although, there was short supply of coal in India compared to its demand and it had to resort to import of coal, India exported some quantity of coal to its neighboring countries during the year 2021-22 (Statement 19). It can be seen from the statement that coal was exported mainly to Nepal 0.556 MT (47.56%) followed by Bangladesh 0.529 MT (45.25%).

Statement 19: Export of Coal by India to Different Countries during 2021-22		
Country	Quantity [MT]	Share %
Nepal	0.556	47.56
Bangladesh PR	0.529	45.25
Bhutan	0.043	3.68
Others	0.041	3.51
<b>Total</b>	<b>1.169</b>	<b>100.00</b>

**4.7** The break-up of country wise Export for non-coking coal is given in Statement 20. Export of coking coal during 2021-22 was negligible.

Statement 20: Export of Non-Coking Coal from India to Different Countries during 2021-22		
Country	Quantity [MT]	Share%
Nepal	0.556	47.60
Bangladesh PR	0.528	45.21
Bhutan	0.043	3.68
Others	0.041	3.51
<b>Total</b>	<b>1.168</b>	<b>100.00</b>

## 5. Captive & Commercial Coal & Lignite Blocks

**5.1** 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 and 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.

**5.2** Further, allocation of four coal blocks for UMPPs, namely, Chhatrasal coal block cancelled on 07.05.2015 and Meenakshi, Meenakshi B and Dip side of Meenakshi blocks of UMPP cancelled on 15.12.2015. As such as on date 10 coal blocks allocated through earlier dispensations stand allocated.

**5.3** 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. Thus, total number of blocks stand allocated from 25.09.2014 to 31.03.2015 was 52 [42 + 10 earlier coal blocks]

**5.4** In 2017-18 CMDPA of 5 captive coal blocks have been terminated.

**5.5** Under the "Auction by Competitive Bidding Rules, 2012", 11 regionally explored coal blocks have been allotted to Central/State Government companies.

**5.6** Up to 2021-22, 129 Captive Coal Blocks vested/ allotted including 3 blocks under Not Cancelled by Hon'ble Supreme Court & 4 Coal Blocks under Custodian. From these total 129 coal blocks production of coal was 88.610 MT in 2021- 22.

**5.7** Therefore, as on 31.03.2022, number of coal blocks that exists are 129 (vested/ allotted: 103 + Custodian: 04 + Under MMDR Act: 18 and blocks not cancelled: 04).

**5.8** As on 31.03.2022, the number of lignite blocks that stand allocated are 25.

Chart - I : Month Wise Raw Coal Production, Despatch & Closing Stock in 2021-22

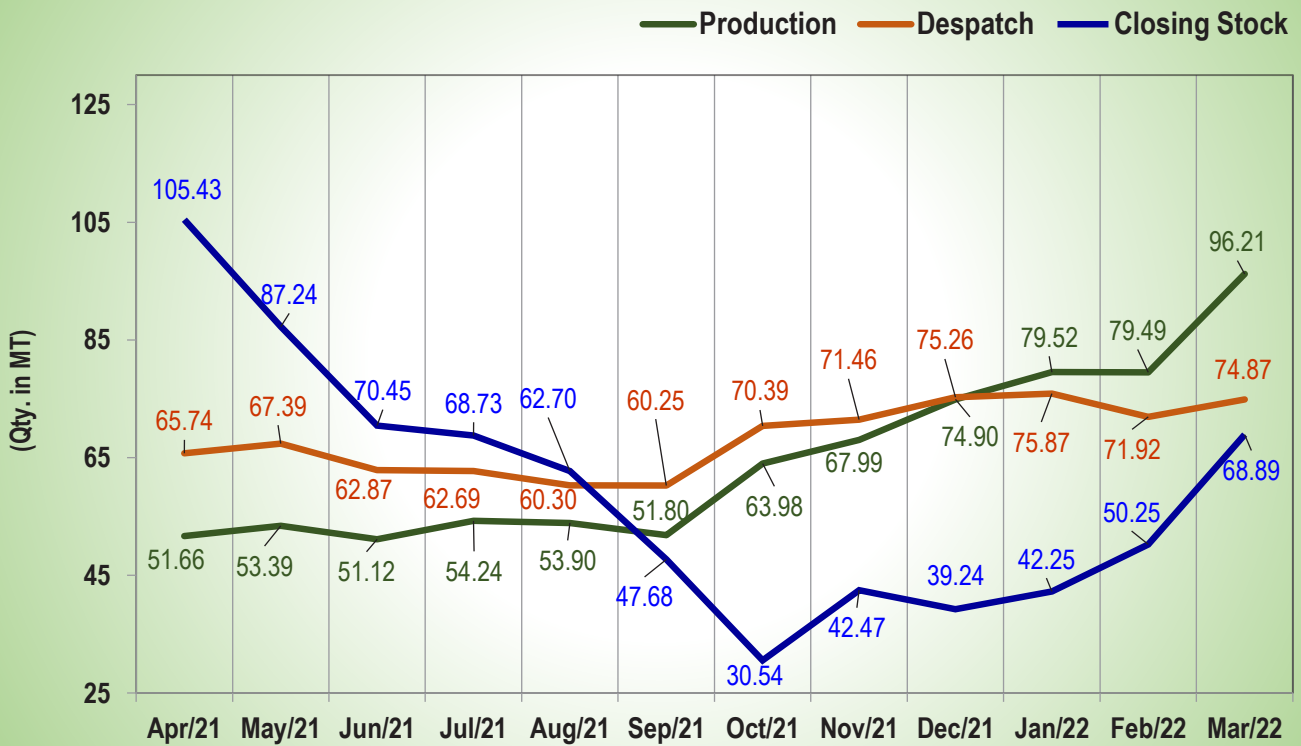


Chart - II : Raw Coal Production, Despatch & Closing Stock during Last Ten Years

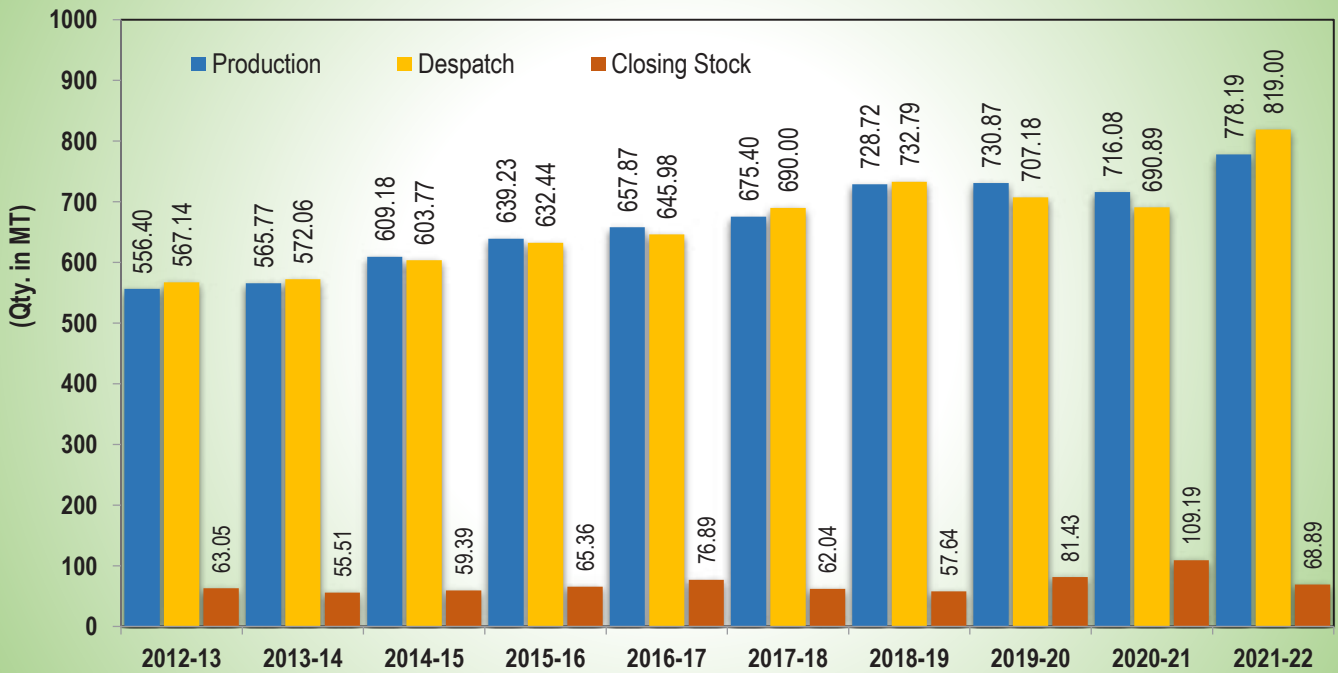


Chart - III: Growth (%) in Production and Despatch of Raw coal over last 10 years

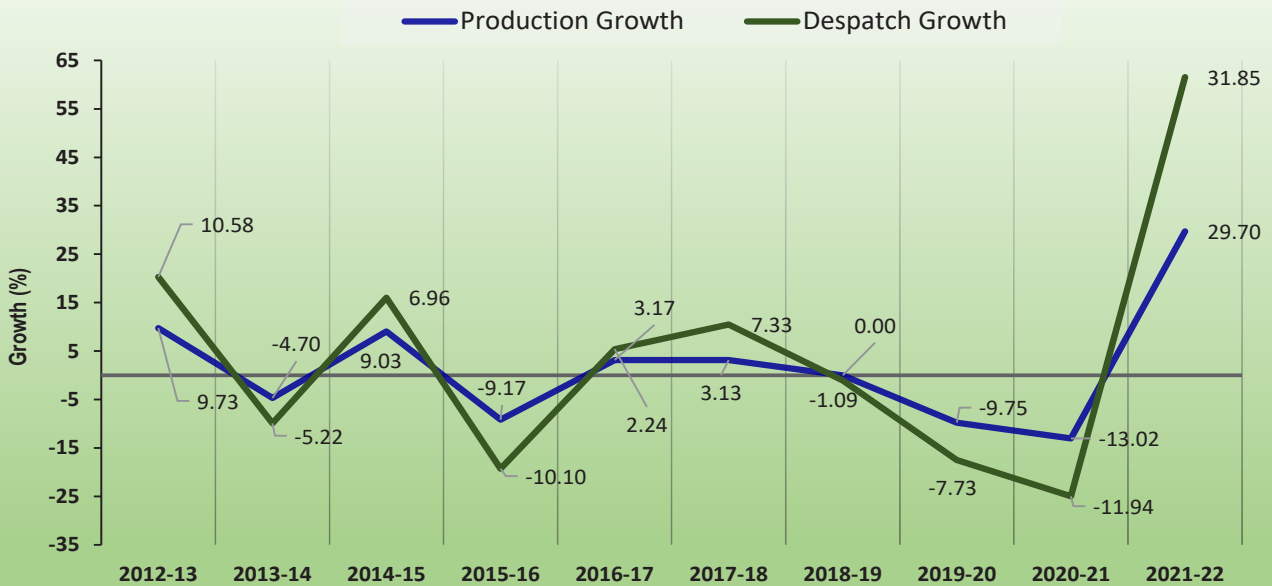


Chart - IV: Sector Wise Despatch of Raw Coal from Different Companies in 2021-22

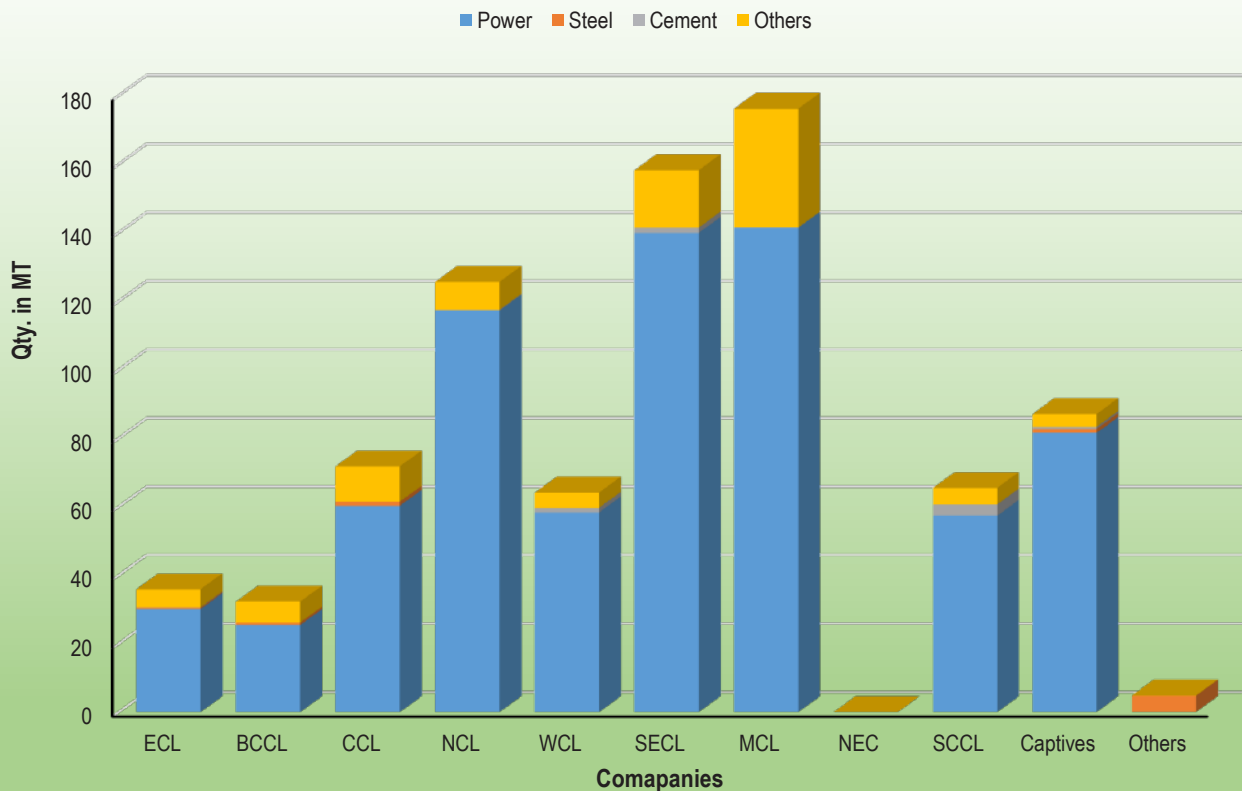


Chart - V: Import of Coal Coking Coal and Non-Coking Coal during last Ten Years

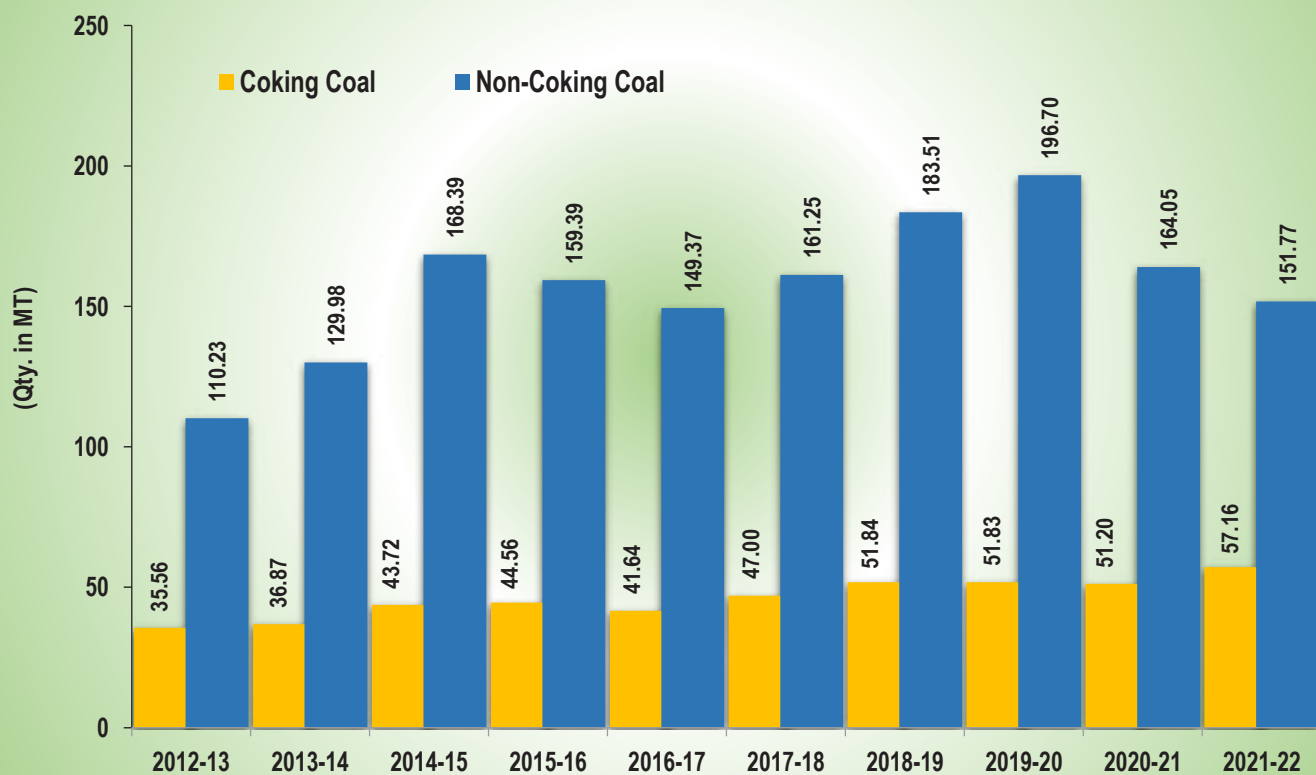
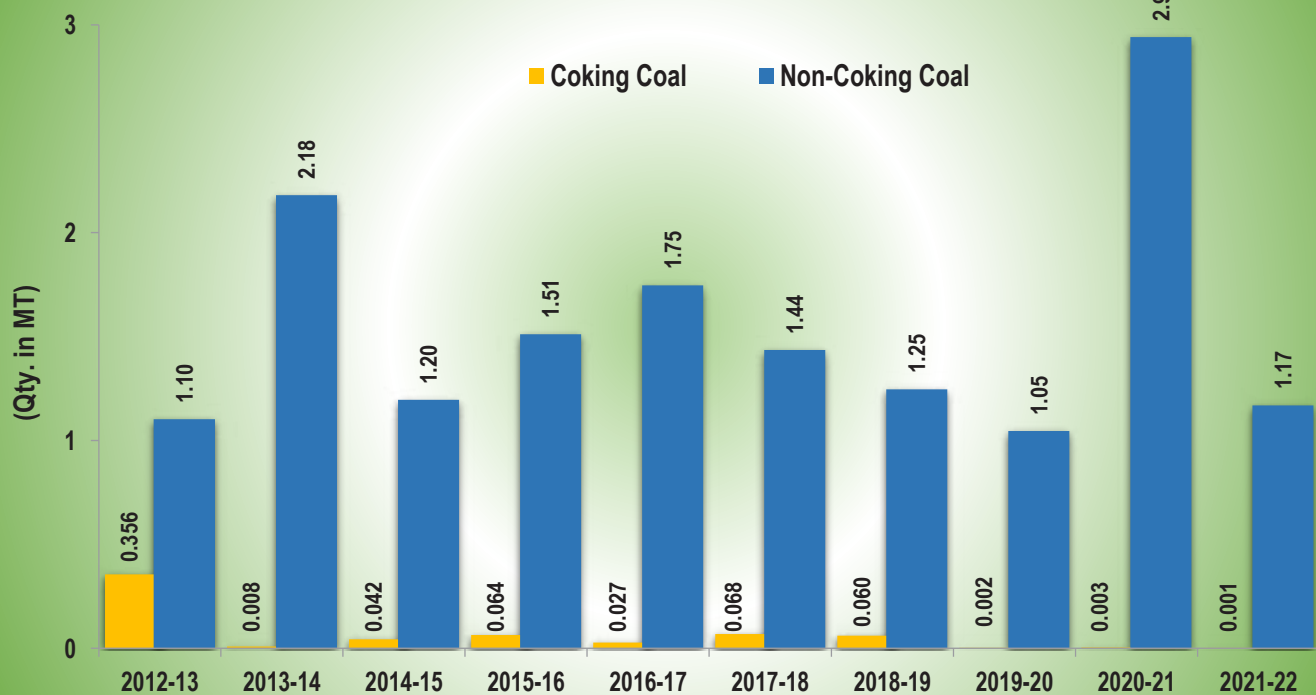
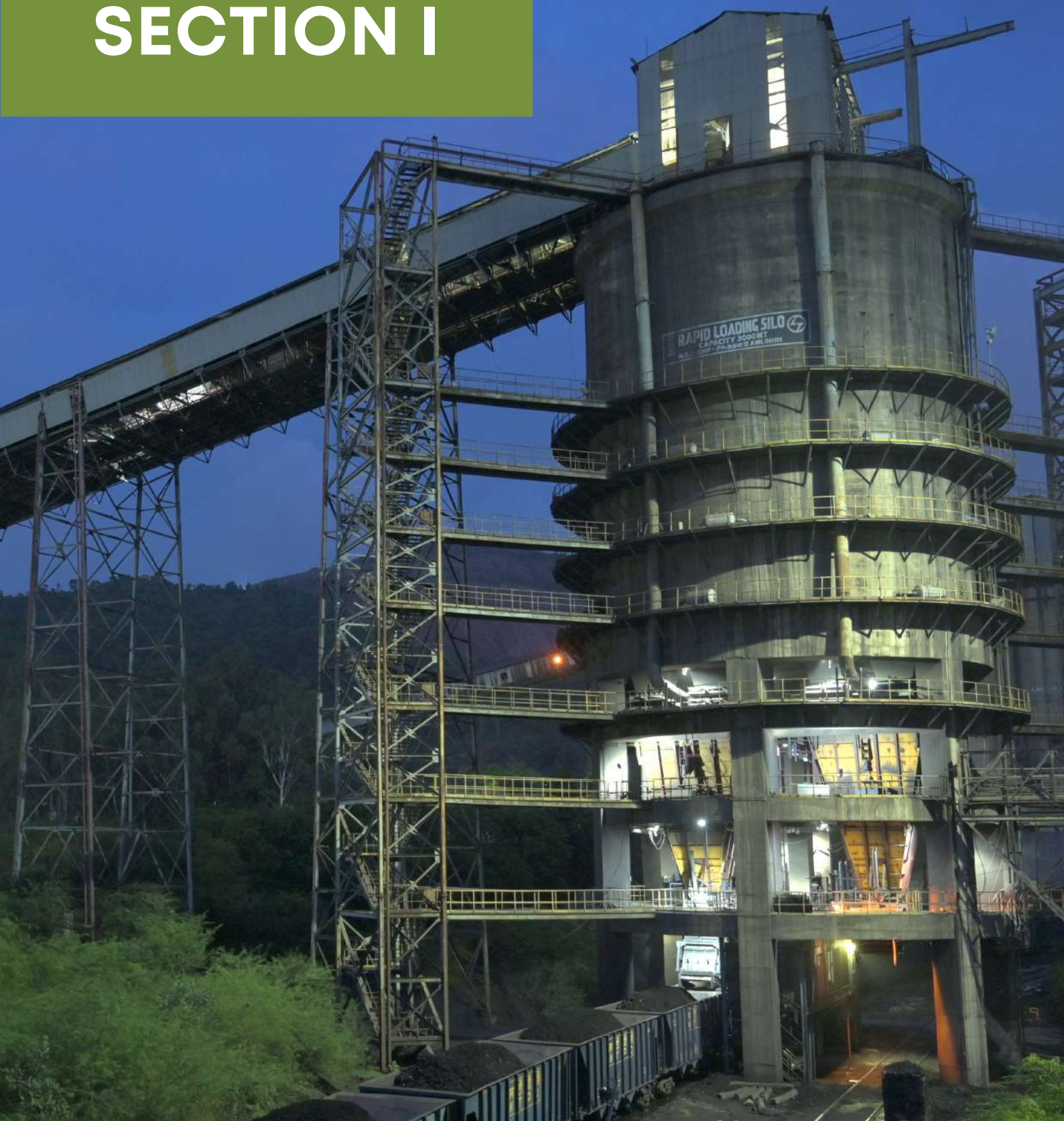


Chart - VI: Export of Coking Coal and Non-Coking Coal during last Ten Years



# SECTION I



**DEMAND, SUPPLY,  
RESOURCE EXPLORATION**



**Table 1.1: All India Coal Demand (BE) and Supply - Sector Wise : 2021-22**

(Qty. in MT)

Sector	Demand ( BE )	Actual Supply			Achievement
		Indigenous	Import	Total	
<b>I. Coking Coal</b>					
1 Steel/Coke Oven/Private Cokeries	83.00	8.22	57.16	65.38	78.77%
2 Import					
<b>Sub Total (Raw Coal)</b>	<b>83.00</b>	<b>8.22</b>	<b>57.16</b>	<b>65.38</b>	
<b>II. Non Coking Coal</b>					
3 Power (Utilities)	771.00	671.70		671.70	90.89%
4 Power (Captive)	114.00	38.16		38.16	
5 Cement	49.00	7.29		7.29	
6 Sponge Iron/Steel DRI	52.00	8.67		8.67	
7 Others	73.00	84.76		84.76	
8 Coll. Consumption		0.19		0.19	
<b>Sub-total (Non Coking Raw Coal)</b>	<b>1059.00</b>	<b>810.78</b>	151.772	<b>962.55</b>	
<b>III. Total</b>	<b>1142.00</b>	<b>819.00</b>	<b>208.93</b>	<b>1027.93</b>	

Note: The sector wise demand is as per Annual Plan of Ministry of Coal (2021-22).

**Table 1.2: Supply Plan of Indigenous Coal - Source Wise in 2021-22**

(Qty. in MT)

	Source of Supply	Supply Plan (BE)	Actual Supply	Achievement
1	ECL	52.00	35.92	69.08%
2	BCCL	30.00	32.30	107.67%
3	CCL	74.00	71.82	97.05%
4	NCL	119.00	125.66	105.60%
5	WCL	60.00	64.16	106.94%
6	SECL*	172.00	155.51	90.41%
7	MCL	163.00	176.16	108.07%
8	NEC	0.00	0.00	0.00%
<b>9</b>	<b>Total CIL</b>	<b>670.00</b>	<b>661.53</b>	<b>98.74%</b>
10	SCCL	68.00	65.53	96.37%
11	Others	110.00	91.94	83.58%
	<b>All India Indigenous Coal Supply</b>	<b>848.00</b>	<b>819.00</b>	<b>96.58%</b>

Note: 1. \* Includes 3.241 from GP-IV/2&3.

2. The demand & supply plan is as per Annual Plan of Ministry of Coal (2021-2022).

Table 1.3: Indigenous Coal Supply Plan (BE) &amp; Achievement : 2021-22

(Qty. in MT)

Sector	BE (2021-22) \$				Actual				Achievement (%)				
	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total	
<b>I. Coking Coal</b>													
1	Steel (Indigenous)	10.77	0.00	15.07	25.84	2.31	0.00	5.91	8.22	21.43%	0.00%	39.23%	31.81%
2	Private Cokeries												
	<b>Sub Total</b>	<b>10.77</b>	<b>0.00</b>	<b>15.07</b>	<b>25.84</b>	<b>2.31</b>	<b>0.00</b>	<b>5.91</b>	<b>8.22</b>	<b>21.43%</b>	<b>0.00%</b>	<b>39.23%</b>	<b>31.81%</b>
<b>II. Non-Coking Coal</b>													
3	Power (Utilities)	662.95	66.23	10.61	739.79	539.83	53.49	78.38	671.70	81.43%	80.77%	739.06%	90.80%
4	Power (Captive)	53.42	3.04	57.54	114.00	31.07	3.88	3.21	38.16	58.15%	127.90%	5.58%	33.47%
5	Cement	32.57	14.17	2.26	49.00	3.34	3.31	0.64	7.29	10.27%	23.36%	28.11%	14.88%
6	Sponge Iron/CDI	50.08	0.40	1.52	52.00	7.92	0.40	0.36	8.67	15.80%	99.92%	23.60%	16.68%
7	Others	58.39	11.62	2.98	73.00	77.06	4.45	3.44	84.95	131.97%	38.27%	115.39%	116.37%
8	Colliery Consumption	0.21	0.00	0.00	0.21	0.19	0.00	0.00	0.19	91.43%	0.00%	0.00%	91.43%
	<b>Sub Total</b>	<b>857.62</b>	<b>95.46</b>	<b>74.91</b>	<b>1028.00</b>	<b>659.41</b>	<b>65.53</b>	<b>86.03</b>	<b>810.97</b>	<b>76.89%</b>	<b>68.65%</b>	<b>114.83%</b>	<b>78.89%</b>
<b>III. Total Raw Coal</b>		<b>868.39</b>	<b>95.46</b>	<b>89.99</b>	<b>1053.84</b>	<b>661.72</b>	<b>65.53</b>	<b>91.94</b>	<b>819.19</b>	<b>76.20%</b>	<b>68.65%</b>	<b>102.17%</b>	<b>77.73%</b>

Note: BE (2021-22) \$ is based on Annual Plan of Ministry of Coal (2021-22).

Table 1.4 : Availability and Supply of Raw Coal &amp; Lignite during 2020-21 &amp; 2021-22

(Qty. in MT)

Availability (within India)	2020-21	2021-22	Supply (within India)	2020-21			2021-22			
				Lignite	Imported Coal	Total	Raw Coal	Lignite	Imported Coal	Total
<b>(A) Production</b>			<b>Sectors</b>							
Coking Coal	44.787	51.702								
Non-Coking Coal	671.296	726.488	Steel	0.024	51.198	<b>60.197</b>	8.220	0.268	57.161	<b>65.649</b>
Lignite	37.895	47.490	Power (Utility+Captive)	32.937		<b>626.217</b>	709.860	38.756		<b>748.616</b>
<b>Total</b>	<b>753.978</b>	<b>825.680</b>	Cement	0.811		<b>7.565</b>	7.290	1.547		<b>8.837</b>
<b>(B) Change of Vendible Stock (Closing - Opening)</b>			Textile	0.29		<b>0.370</b>	0.082	3.398		<b>3.480</b>
Coking Coal	0.807	-2.763	Sponge Iron	0.000		<b>9.565</b>	8.672	0.000		<b>8.672</b>
Non-Coking Coal	26.821	-37.408	Fertilizer & Chem.	0		<b>1.527</b>	1.111	0.001		<b>1.112</b>
Lignite	-0.514	-1.592	Paper	0.566		<b>1.634</b>	1.250	0.782		<b>2.032</b>
<b>Total Change (Closing - Opening)</b>	<b>27.114</b>	<b>-41.763</b>	Brick	0.428		<b>0.453</b>	0.022	0.543		<b>0.565</b>
<b>(C) Import</b>			Others	3.436	164.053	<b>237.099</b>	82.490	3.778	151.772	<b>238.040</b>
Coking Coal	51.198	57.161	Colliery Consmn.			<b>0.197</b>	0.192			<b>0.192</b>
Non-Coking Coal	164.053	151.773	<b>Total Off-take</b>	<b>38.492</b>	<b>215.251</b>	<b>944.824</b>	<b>819.189</b>	<b>49.073</b>	<b>208.933</b>	<b>1077.195</b>
<b>Total Raw Coal</b>	<b>215.251</b>	<b>208.934</b>	Statistical Difference			<b>-5.654</b>				<b>-1.987</b>
<b>(D) Export</b>	<b>2.945</b>	<b>1.169</b>								
<b>(E) Total Availability</b>	<b>939.170</b>	<b>1075.208</b>	<b>Total Supply</b>			<b>939.170</b>				<b>1075.208</b>

Table 1.5: Total Primary Supply (TPS) of Coal &amp; Lignite : 2012-13 to 2021-22

(Qty. in MT)

Year	Fuel Type	Production	Imports	Exports	Net Import	Opening Stock	Closing Stock	Stock Change	TPS
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2012-13	Coal	556.402	145.785	2.443	143.342	74.040	63.049	-10.991	688.753
	Lignite	46.453	0.001	0.069	-0.068	1.051	1.493	0.442	46.827
	<b>Total</b>	<b>602.855</b>	<b>145.786</b>	<b>2.512</b>	<b>143.274</b>	<b>75.091</b>	<b>64.542</b>	<b>-10.549</b>	<b>735.580</b>
2013-14	Coal	565.766	166.857	2.188	164.669	63.049	55.514	-7.535	722.900
	Lignite	44.271	0.001	0.002	-0.001	1.493	1.860	0.367	44.637
	<b>Total</b>	<b>610.037</b>	<b>166.858</b>	<b>2.155</b>	<b>164.703</b>	<b>64.542</b>	<b>57.038</b>	<b>-7.504</b>	<b>767.236</b>
2014-15	Coal	609.179	212.103	1.238	210.865	55.514	59.389	3.875	823.919
	Lignite	48.270	0.001	0.003	-0.002	1.860	3.176	1.316	49.584
	<b>Total</b>	<b>657.449</b>	<b>212.104</b>	<b>1.241</b>	<b>210.863</b>	<b>57.374</b>	<b>62.565</b>	<b>5.191</b>	<b>873.503</b>
2015-16	Coal	639.230	203.949	1.575	202.374	59.389	65.361	5.972	847.576
	Lignite	43.842	0.001	0.001	0.001	3.176	4.809	1.633	45.476
	<b>Total</b>	<b>683.072</b>	<b>203.950</b>	<b>1.576</b>	<b>202.375</b>	<b>62.565</b>	<b>70.170</b>	<b>7.605</b>	<b>893.052</b>
2016-17	Coal	657.868	191.009	1.773	189.236	65.361	76.889	11.528	858.632
	Lignite	45.230	0.019	0.005	0.014	4.809	6.883	2.074	47.318
	<b>Total</b>	<b>703.098</b>	<b>191.028</b>	<b>1.778</b>	<b>189.250</b>	<b>70.170</b>	<b>83.772</b>	<b>13.602</b>	<b>905.950</b>
2017-18	Coal	675.400	208.249	1.504	206.745	76.889	62.036	-14.853	867.292
	Lignite	46.644	0.010	0.004	0.006	6.883	7.210	0.327	46.977
	<b>Total</b>	<b>722.044</b>	<b>208.259</b>	<b>1.508</b>	<b>206.751</b>	<b>83.772</b>	<b>69.246</b>	<b>-14.526</b>	<b>914.269</b>
2018-19	Coal	728.718	235.349	1.306	234.042	62.036	57.640	-4.396	958.364
	Lignite	44.283	0.019	0.079	-0.060	7.210	5.672	-1.538	42.685
	<b>Total</b>	<b>773.001</b>	<b>235.368</b>	<b>1.385</b>	<b>233.983</b>	<b>69.246</b>	<b>63.312</b>	<b>-5.934</b>	<b>1001.050</b>
2019-20	Coal	730.874	248.537	1.030	247.507	57.640	81.432	23.792	1002.173
	Lignite	42.096	0.054	0.093	-0.038	5.672	5.495	-0.177	41.881
	<b>Total</b>	<b>772.970</b>	<b>248.591</b>	<b>1.122</b>	<b>247.468</b>	<b>63.312</b>	<b>86.927</b>	<b>-23.615</b>	<b>996.823</b>
2020-21	Coal	716.083	215.251	2.945	212.306	81.432	109.060	27.628	956.017
	Lignite	37.895	0.019	0.187	-0.169	5.495	4.981	-0.514	37.212
	<b>Total</b>	<b>753.978</b>	<b>215.270</b>	<b>3.133</b>	<b>212.137</b>	<b>86.927</b>	<b>114.041</b>	<b>-27.114</b>	<b>939.001</b>
2021-22	Coal	778.190	208.934	1.169	207.764	109.060	68.889	-40.171	945.783
	Lignite	47.490	0.068	0.018	0.050	4.981	3.389	-1.592	45.948
	<b>Total</b>	<b>825.680</b>	<b>209.001</b>	<b>1.187</b>	<b>207.814</b>	<b>114.041</b>	<b>72.278</b>	<b>41.763</b>	<b>1075.257</b>

Note: 1. Total Primary Supply (TPS) is estimated as sum of indigenous production, net import & stock change.

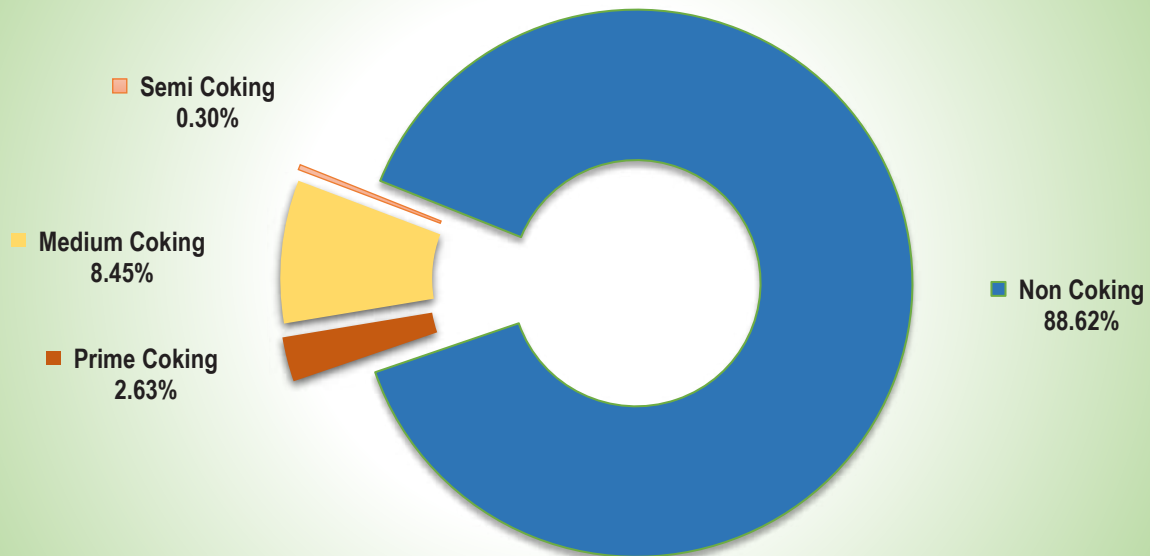
2. For simplicity, only stock change of pit-head stock is taken.

**Table-1.6: Inventory of Geological Resource of Coal by Type (as on 1st April)**

(Qty. in MT)

Type of Coal	As on	Resource			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Prime Coking	01/04/2019	4668	645	0	5313
	01/04/2020	4668	645	0	5313
	01/04/2021	4668	645	0	5313
Medium Coking	01/04/2019	14876	11245	1863	27984
	01/04/2020	14876	11245	1863	27984
	01/04/2021	14972	11245	1863	28080
Blendable / Semi Coking	01/04/2019	519	995	193	1708
	01/04/2020	519	995	193	1708
	01/04/2021	530	992	186	1708
Non Coking (Including High Sulphur)	01/04/2019	135552	127615	28325	291492
	01/04/2020	143398	137507	28112	309017
	01/04/2021	157010	134067	25949	317026
<b>Total</b>	<b>01/04/2019</b>	<b>155614</b>	<b>140501</b>	<b>30381</b>	<b>326496</b>
	<b>01/04/2020</b>	<b>163461</b>	<b>150392</b>	<b>30168</b>	<b>344021</b>
	<b>01/04/2021</b>	<b>177179</b>	<b>146949</b>	<b>27998</b>	<b>352126</b>

**Distribution of Proved Resource of Coal in India (as on 01/04/2021)**



Source: Geological Survey of India

**Table-1.7: State Wise Inventory of Geological Resource of Coal in India (as on 1st April)**

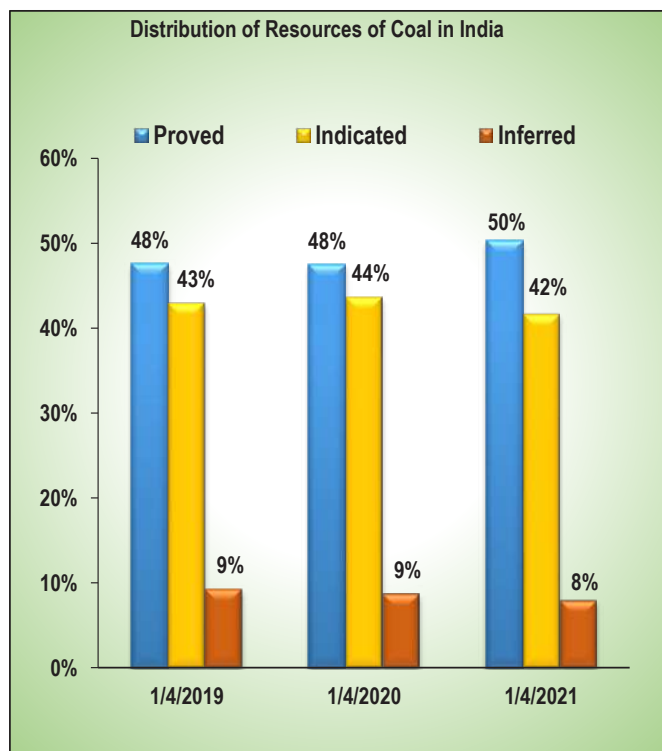
(Qty. in MT)

State	As on	Resource			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
<b>Gondawana Coalfields</b>					
Assam	1/4/2019	0	14	0	<b>14</b>
	1/4/2020	0	14	0	<b>14</b>
	1/4/2021	0	14	0	<b>14</b>
Andhra Pradesh	1/4/2019	97	1,078	432	<b>1,607</b>
	1/4/2020	97	1,078	432	<b>1,607</b>
	1/4/2021	921	901	425	<b>2,247</b>
Jharkhand	1/4/2019	48,032	30,400	6,074	<b>84,506</b>
	1/4/2020	49,469	30,284	5,850	<b>85,602</b>
	1/4/2021	52,046	28,882	5,288	<b>86,217</b>
Bihar	1/4/2019	310	1,513	11	<b>1,834</b>
	1/4/2020	310	2,431	11	<b>2,751</b>
	1/4/2021	310	3,143	11	<b>3,464</b>
Madhya Pradesh	1/4/2019	12,182	12,736	3,875	<b>28,793</b>
	1/4/2020	12,597	12,888	3,799	<b>29,285</b>
	1/4/2021	13,479	13,060	3,678	<b>30,217</b>
Chhattisgarh	1/4/2019	21,446	36,260	2,202	<b>59,908</b>
	1/4/2020	24,985	42,368	2,079	<b>69,432</b>
	1/4/2021	31,562	40,425	1,437	<b>73,424</b>
Maharashtra	1/4/2019	7,573	3,257	1,847	<b>12,677</b>
	1/4/2020	7,624	3,257	1,847	<b>12,728</b>
	1/4/2021	7,770	3,320	1,847	<b>12,936</b>
Odisha	1/4/2019	39,654	33,473	7,713	<b>80,840</b>
	1/4/2020	40,872	36,067	7,713	<b>84,652</b>
	1/4/2021	43,326	35,222	6,330	<b>84,878</b>
Sikkim	1/4/2019	0	58	43	<b>101</b>
	1/4/2020	0	58	43	<b>101</b>
	1/4/2021	0	58	43	<b>101</b>
Uttar Pradesh	1/4/2019	884	178	0	<b>1,062</b>
	1/4/2020	884	178	0	<b>1,062</b>
	1/4/2021	884	178	0	<b>1,062</b>
Telangana	1/4/2019	10,622	8,565	2,652	<b>21,839</b>
	1/4/2020	10,841	8,521	2,863	<b>22,225</b>
	1/4/2021	11,089	8,328	3,433	<b>22,851</b>
West Bengal	1/4/2019	14,219	12,847	4,624	<b>31,690</b>
	1/4/2020	15,189	13,125	4,623	<b>32,937</b>
	1/4/2021	15,199	13,296	4,597	<b>33,092</b>
<b>Total Gondwana</b>	1/4/2019	<b>155,021</b>	<b>140,379</b>	<b>29,472</b>	<b>324,872</b>
	1/4/2020	<b>162,867</b>	<b>150,271</b>	<b>29,259</b>	<b>342,397</b>
	1/4/2021	<b>176,585</b>	<b>146,828</b>	<b>27,089</b>	<b>350,502</b>

State	As on	Resource			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
<b>Tertiary Coalfields</b>					
Arunachal Pradesh	1/4/2019	31	40	19	<b>90</b>
	1/4/2020	31	40	19	<b>90</b>
	1/4/2021	31	40	19	<b>90</b>
Assam	1/4/2019	465	43	3	<b>511</b>
	1/4/2020	465	43	3	<b>511</b>
	1/4/2021	465	43	3	<b>511</b>
Meghalaya	1/4/2019	89	17	471	<b>576</b>
	1/4/2020	89	17	471	<b>576</b>
	1/4/2021	89	17	471	<b>576</b>
Nagaland	1/4/2019	9	22	415	<b>446</b>
	1/4/2020	9	22	415	<b>445</b>
	1/4/2021	9	22	416	<b>446</b>
<b>Total Tertiary</b>	1/4/2019	<b>594</b>	<b>121</b>	<b>908</b>	<b>1,623</b>
	1/4/2020	<b>594</b>	<b>121</b>	<b>908</b>	<b>1,623</b>
	1/4/2021	<b>594</b>	<b>121</b>	<b>909</b>	<b>1,624</b>
<b>All India</b>	1/4/2019	<b>155614</b>	<b>140501</b>	<b>30380</b>	<b>326495</b>
	1/4/2020	<b>163461</b>	<b>150392</b>	<b>30167</b>	<b>344020</b>
	1/4/2021	<b>177179</b>	<b>146949</b>	<b>27998</b>	<b>352126</b>

Gondawana coalfield, not considered in Tertiary Coalfields



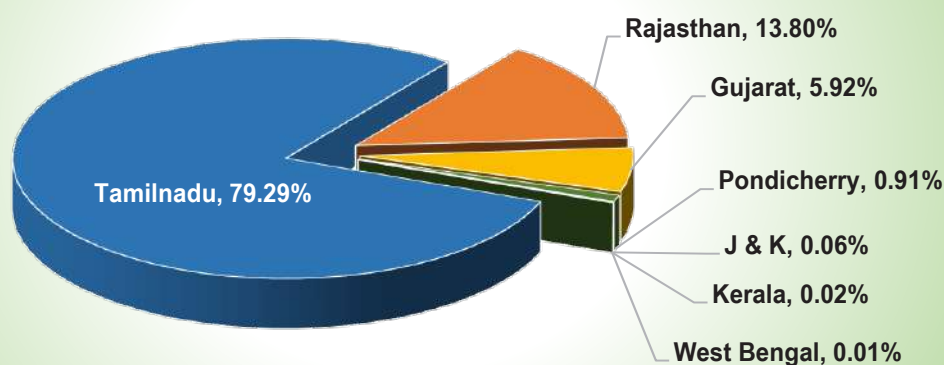
Source: Geological Survey of India

**Table-1.8: State Wise Inventory of Geological Resources of Lignite in India (as on 1st April)**

(Qty. in MT)

State	As on	Resource			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	4/1/2019	1278.65	283.70	1159.70	<b>2722.05</b>
	4/1/2020	1278.65	283.70	1159.70	<b>2722.05</b>
	4/1/2021	1278.65	283.70	1159.70	<b>2722.05</b>
J & K	4/1/2019	0.00	20.25	7.30	<b>27.55</b>
	4/1/2020	0.00	20.25	7.30	<b>27.55</b>
	4/1/2021	0.00	20.25	7.30	<b>27.55</b>
Kerala	4/1/2019	0.00	0.00	9.65	<b>9.65</b>
	4/1/2020	0.00	0.00	9.65	<b>9.65</b>
	4/1/2021	0.00	0.00	9.65	<b>9.65</b>
Puducherry	4/1/2019	0.00	405.61	11.00	<b>416.61</b>
	4/1/2020	0.00	405.61	11.00	<b>416.61</b>
	4/1/2021	0.00	405.61	11.00	<b>416.61</b>
Rajasthan	4/1/2019	1168.53	3029.78	2150.77	<b>6349.08</b>
	4/1/2020	1168.53	3029.77	2150.77	<b>6349.07</b>
	4/1/2021	1168.53	3029.78	2150.77	<b>6349.08</b>
Tamilnadu	4/1/2019	4340.35	22496.63	9392.85	<b>36229.83</b>
	4/1/2020	4340.35	22496.63	9652.62	<b>36489.60</b>
	4/1/2021	4926.92	21910.06	9652.62	<b>36489.60</b>
West Bengal	4/1/2019	0.00	1.13	2.80	<b>3.93</b>
	4/1/2020	0.00	1.13	2.80	<b>3.93</b>
	4/1/2021	0.00	1.13	2.80	<b>3.93</b>
<b>All India</b>	<b>4/1/2019</b>	<b>6787.53</b>	<b>26237.10</b>	<b>12734.07</b>	<b>45758.70</b>
	<b>4/1/2020</b>	<b>6787.53</b>	<b>26237.09</b>	<b>12993.84</b>	<b>46018.46</b>
	<b>4/1/2021</b>	<b>7374.10</b>	<b>25650.53</b>	<b>12993.84</b>	<b>46018.47</b>

Source: Geological Survey of India

**State Wise Share of Resources of Lignite in India during 2020-21**


# SECTION II



**PRODUCTION &  
PRODUCTIVITY**



Table 2.1: Trend of Production of Coal and Lignite during last Ten Years

(Qty. in MT)

Year	Raw Coal		Lignite		Total Solid Fossil Fuel	
	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2012-13	556.402	▲ 3.05%	46.453	▲ 9.73%	602.855	▲ 3.53%
2013-14	565.765	▲ 1.68%	44.271	▼ 4.70%	610.036	▲ 1.19%
2014-15	609.179	▲ 7.67%	48.270	▲ 9.03%	657.449	▲ 7.77%
2015-16	639.230	▲ 4.93%	43.842	▼ 9.17%	683.072	▲ 3.90%
2016-17	657.868	▲ 2.92%	45.230	▲ 3.17%	703.098	▲ 2.93%
2017-18	675.400	▲ 2.66%	46.644	▲ 3.13%	722.044	▲ 2.69%
2018-19	728.718	▲ 7.89%	44.283	▼ 5.06%	773.001	▲ 7.06%
2019-20	730.874	▲ 0.30%	42.096	▼ 4.94%	772.970	▼ 0.00%
2020-21	716.083	▼ 2.02%	37.895	▼ 9.98%	753.978	▼ 2.46%
2021-22	778.190	▲ 8.67%	47.490	▲ 25.32%	825.680	▲ 9.51%

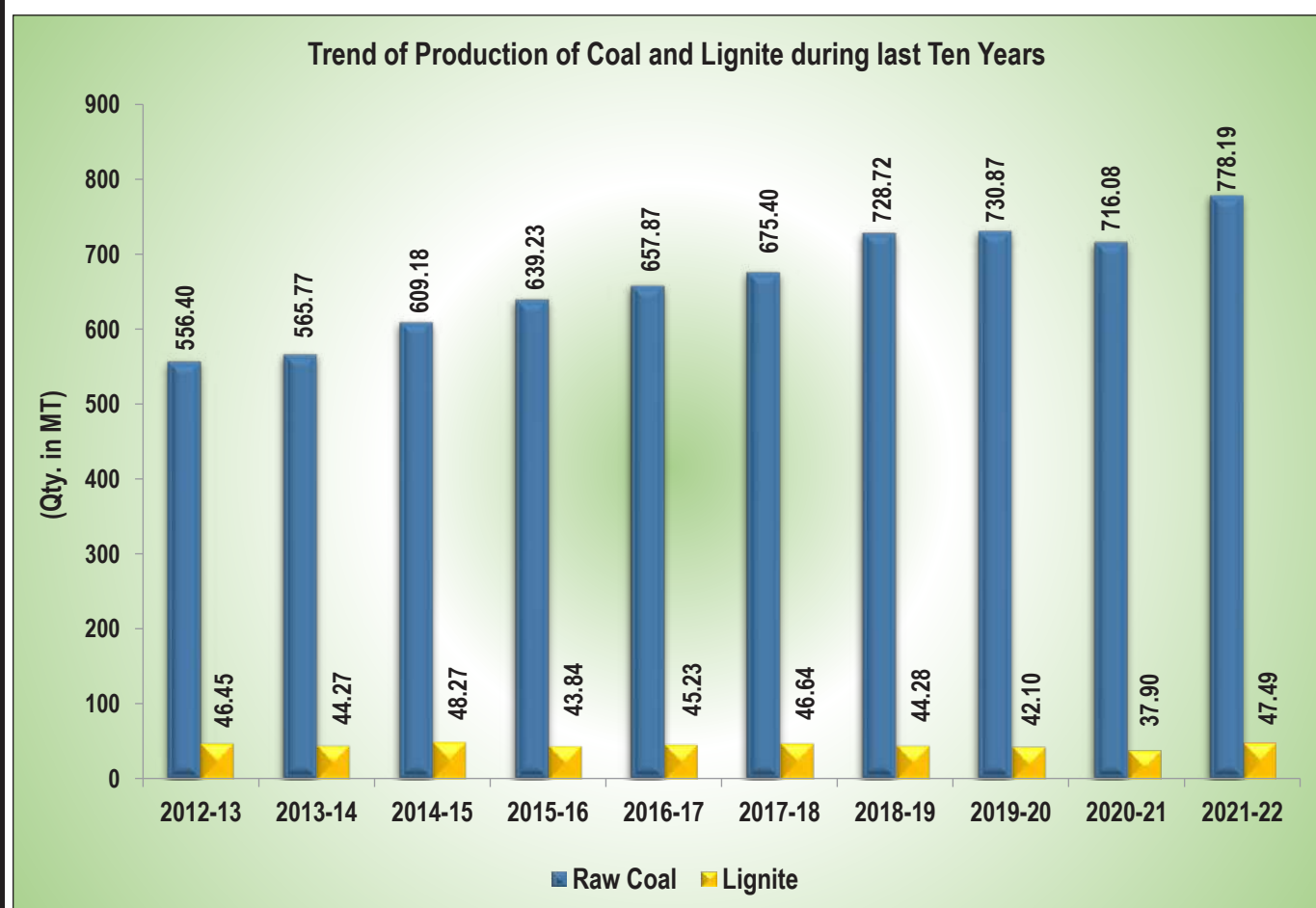
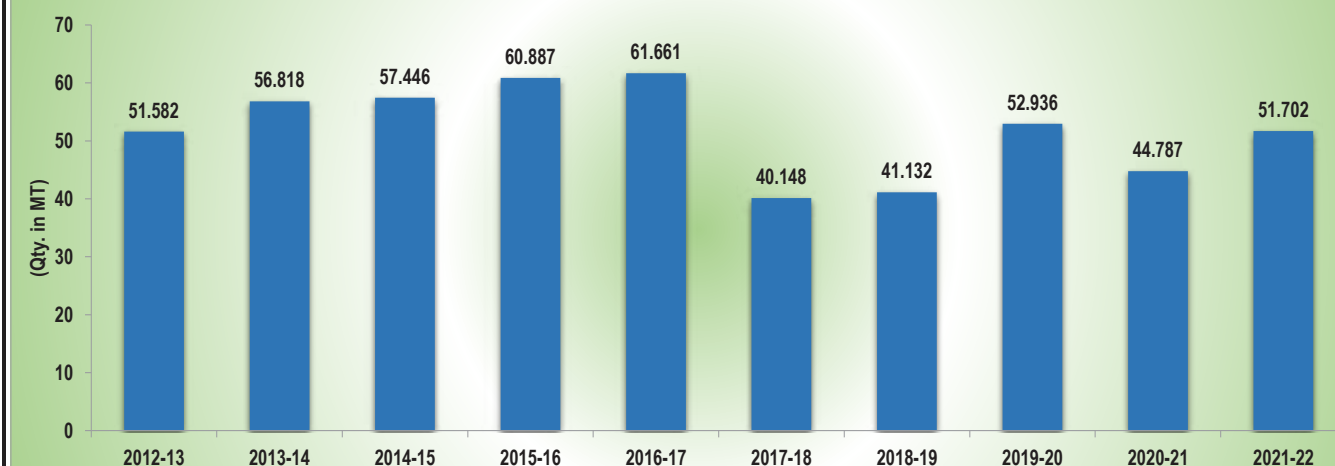


Table-2.2: Trend of Production of different type of Raw Coal in last Ten Years

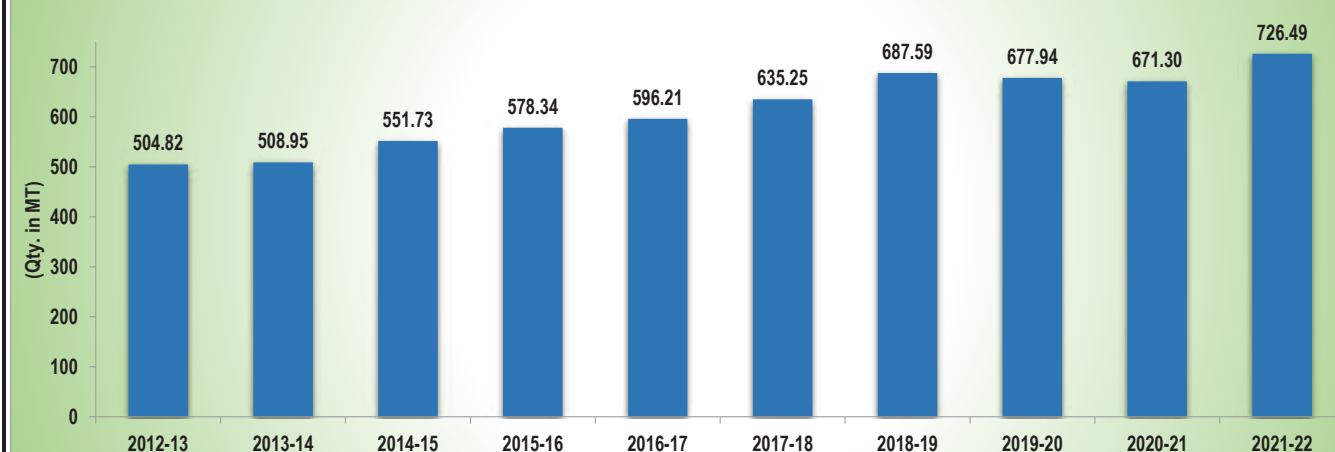
(Qty. in MT)

Year	Coking Coal									Non-Coking Coal			Total Raw Coal	
	Metallurgical Coal			Non-Metallurgical Coal			Total Coking Coal			Production	Share in Total Raw Coal (%)	Growth over Previous Year (%)	Production	Growth over Previous Year (%)
	Production	Share in Coking Coal (%)	Growth over Previous Year (%)	Production	Share in Coking Coal (%)	Growth over Previous Year (%)	Production	Share in Total Raw Coal (%)	Growth over Previous Year (%)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2012-13	14.547	28.2	▼ 10.42%	37.035	71.8	▲ 4.56%	51.582	9.3	▼ 0.15%	504.820	90.7	▲ 3.39%	556.402	▲ 3.05%
2013-14	15.114	26.6	▲ 3.90%	41.704	73.4	▲ 12.61%	56.818	10.0	▲ 10.15%	508.947	90.0	▲ 0.82%	565.765	▲ 1.68%
2014-15	13.784	23.99	▼ 8.80%	43.662	76.01	▲ 4.69%	57.446	9.43	▲ 1.11%	551.733	90.57	▲ 8.41%	609.179	▲ 7.67%
2015-16	14.339	23.55	▲ 4.03%	46.548	76.45	▲ 6.61%	60.887	9.53	▲ 5.99%	578.343	90.47	▲ 4.82%	639.230	▲ 4.93%
2016-17	15.254	24.74	▲ 6.38%	46.407	75.26	▼ 0.30%	61.661	9.37	▲ 1.27%	596.207	90.63	▲ 3.09%	657.868	▲ 2.92%
2017-18	33.884	84.40	▲ 122.13%	6.264	15.60	▼ 86.50%	40.148	5.94	▼ 34.89%	635.252	94.06	▲ 6.55%	675.400	▲ 2.66%
2018-19	35.084	85.30	▲ 3.54%	6.048	14.70	▼ 3.45%	41.132	5.64	▲ 2.45%	687.586	94.36	▲ 8.24%	728.718	▲ 7.89%
2019-20	35.451	66.97	▲ 1.05%	17.485	33.03	▲ 189.10%	52.936	7.24	▲ 28.70%	677.938	92.76	▼ 1.40%	730.874	▲ 0.30%
2020-21	32.276	72.07	▼ 8.96%	12.511	27.93	▼ 28.45%	44.787	6.25	▼ 15.39%	671.296	93.75	▼ 0.98%	716.083	▼ 2.02%
2021-22	36.907	71.38	▲ 14.35%	14.795	28.62	▲ 18.26%	51.702	6.64	▲ 15.44%	726.488	93.36	▲ 8.22%	778.190	▲ 8.67%

Coking Coal Production



Non-Coking Coal Production

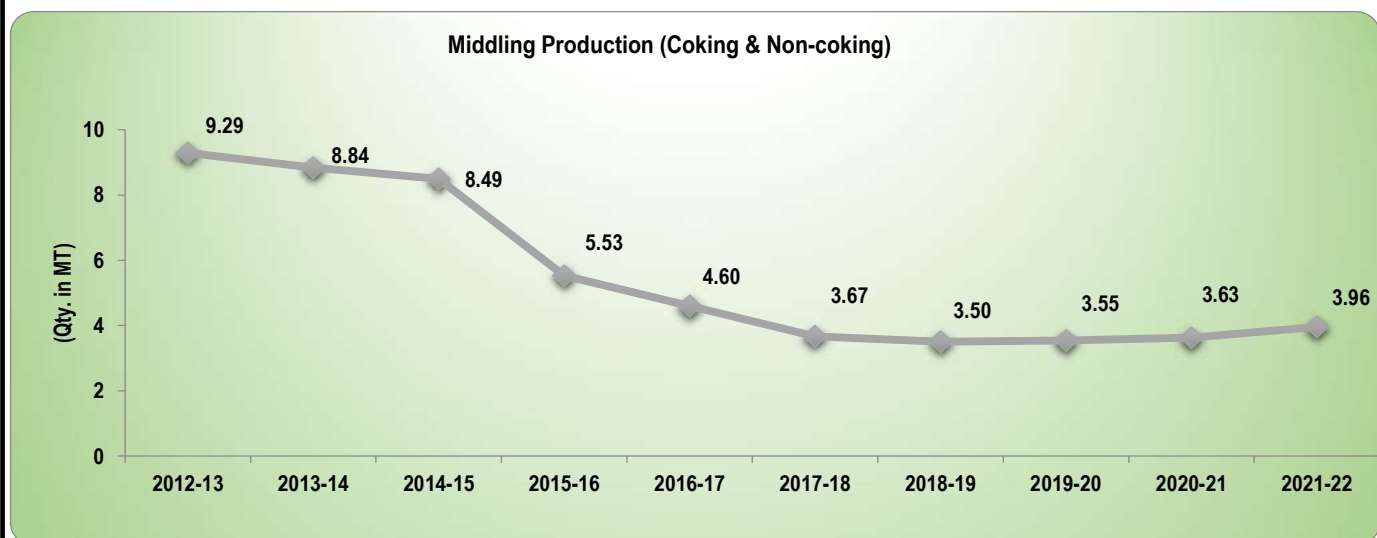
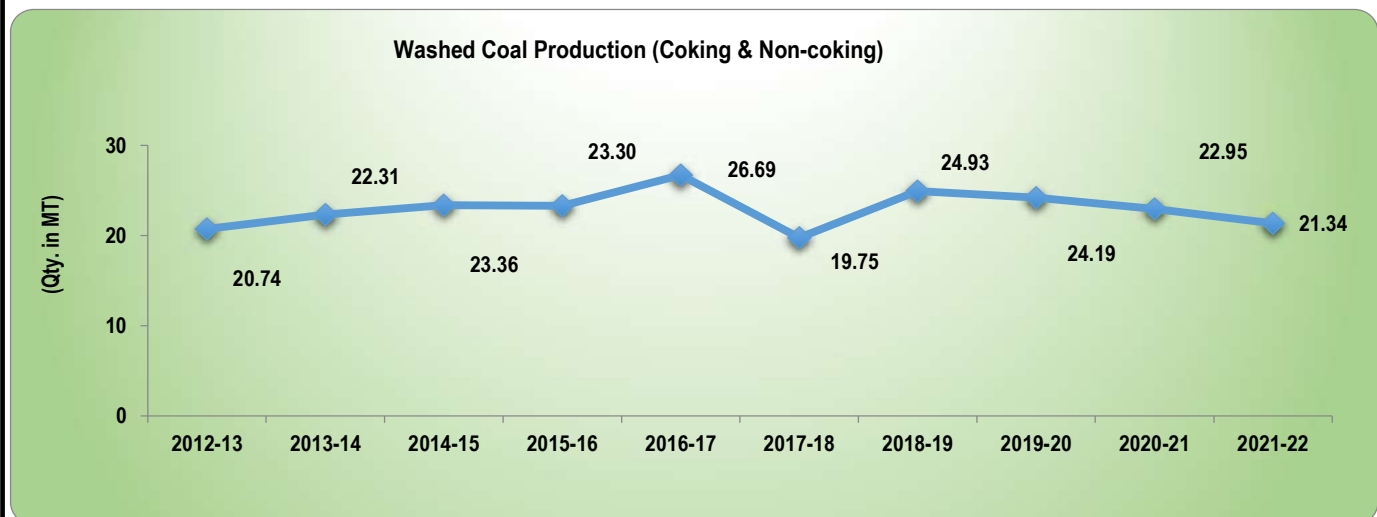


Note: The huge growth (122.1%) of Metallurgical Coal in 2017-18 over previous year was due to BCCL's contribution of 22.286 million tonnes of Metallurgical Coal in 2017-18.

**Table 2.3: Trend of 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)	
	Production	Growth over Previous Year (%)	Production	Growth over Previous Year (%)	Production	Growth over Previous Year (%)	Production	Growth over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2012-13	6.550	▲ 0.83%	14.190	▼ 8.08%	5.464	▲ 48.72%	3.825	▲ 4.25%
2013-14	6.614	▲ 0.98%	15.699	▲ 10.63%	4.913	▼ 10.08%	3.926	▲ 2.64%
2014-15	6.070	▼ 8.22%	17.294	▲ 10.16%	4.750	▼ 3.32%	3.742	▼ 4.69%
2015-16	6.182	▲ 1.85%	17.119	▼ 1.01%	5.525	▲ 16.32%	0.000	▼ 100.00%
2016-17	6.414	▲ 3.75%	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	▼ 3.18%	19.363	▲ 38.32%	3.502	▼ 4.58%	0.000	-
2019-20	5.285	▼ 5.12%	18.903	▼ 2.38%	3.547	▲ 1.28%	0.000	-
2020-21	4.518	▼ 14.51%	18.433	▼ 2.49%	3.623	▲ 2.14%	0.006	▲ 100.00%
2021-22	4.638	▲ 2.66%	16.705	▼ 9.37%	2.442	▼ 32.60%	1.519	▲ 25216.67%



Note: 1. The above figures are related to Washeries (public & private) of only coal producing companies.  
 2. Hard Coke data is related to steel plants only.

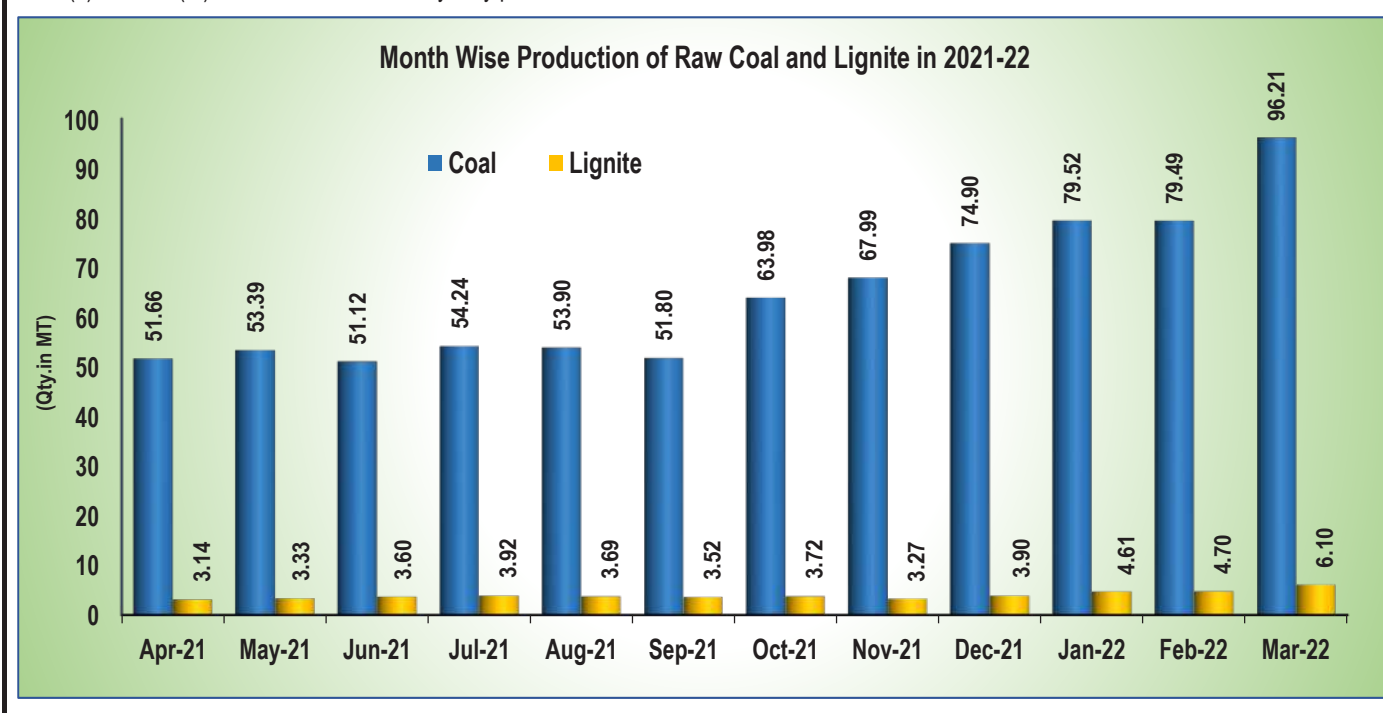
**Table-2.4: Monthly Production of different type of Raw Coal and Lignite during 2021-22**

(Qty. in MT)

Month	Coking Coal			Non Coking Coal			Raw Coal			Lignite		
	Production	Growth %	Share %	Production	Growth %	Share %	Production	Growth %	Share %	Production	Growth %	Share %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-21	3.593	▲ 22.17%	6.95	48.066	▲ 8.86%	6.62	51.659	▲ 9.69%	6.64	3.139	▲ 31.72%	6.61
May-21	3.465	▲ 20.69%	6.70	49.928	▲ 6.18%	6.87	53.393	▲ 7.01%	6.86	3.325	▼ 4.37%	7.00
Jun-21	3.003	▲ 0.27%	5.81	48.113	▲ 8.33%	6.62	51.116	▲ 7.82%	6.57	3.597	▲ 11.53%	7.57
<b>1<sup>st</sup> Quarter</b>	<b>10.061</b>	<b>▲ 14.24%</b>	<b>19.46</b>	<b>146.107</b>	<b>▲ 7.76%</b>	<b>20.11</b>	<b>156.168</b>	<b>▲ 8.15%</b>	<b>20.07</b>	<b>10.061</b>	<b>▲ 10.74%</b>	<b>21.19</b>
Jul-21	3.406	▲ 14.95%	6.59	50.832	▲ 19.43%	7.00	54.238	▲ 19.14%	6.97	3.920	▲ 67.09%	8.25
Aug-21	3.424	▲ 10.06%	6.62	50.472	▲ 21.36%	6.95	53.896	▲ 20.58%	6.93	3.694	▲ 67.22%	7.78
Sep-21	3.445	▼ 3.07%	6.66	48.353	▲ 9.30%	6.66	51.798	▲ 8.38%	6.66	3.520	▲ 46.85%	7.41
<b>2<sup>nd</sup> Quarter</b>	<b>10.275</b>	<b>▲ 6.72%</b>	<b>19.87</b>	<b>149.657</b>	<b>▲ 16.57%</b>	<b>20.60</b>	<b>159.932</b>	<b>▲ 15.88%</b>	<b>20.55</b>	<b>11.134</b>	<b>▲ 60.16%</b>	<b>23.44</b>
Oct-21	3.711	▼ 0.24%	7.18	60.271	▲ 15.76%	8.30	63.982	▲ 14.70%	8.22	3.723	▲ 50.00%	7.84
Nov-21	4.155	▼ 0.69%	8.04	63.833	▲ 9.21%	8.79	67.988	▲ 8.55%	8.74	3.271	▲ 7.67%	6.89
Dec-21	4.783	▲ 5.14%	9.25	70.121	▲ 5.51%	9.65	74.904	▲ 5.49%	9.63	3.895	▲ 16.69%	8.20
<b>3<sup>rd</sup> Quarter</b>	<b>12.649</b>	<b>▲ 1.57%</b>	<b>24.47</b>	<b>194.225</b>	<b>▲ 9.75%</b>	<b>26.73</b>	<b>206.874</b>	<b>▲ 9.21%</b>	<b>26.58</b>	<b>10.889</b>	<b>▲ 22.93%</b>	<b>22.93</b>
Jan-22	5.481	▲ 35.17%	10.60	74.037	▲ 6.45%	10.19	79.518	▲ 8.03%	10.22	4.609	▲ 18.18%	9.71
Feb-22	5.638	▲ 39.87%	10.90	73.852	▲ 4.59%	10.17	79.490	▲ 6.50%	10.21	4.702	▲ 20.72%	9.90
Mar-22	7.598	▲ 30.71%	14.70	88.610	▼ 1.74%	12.20	96.208	▲ 0.22%	12.36	6.095	▲ 17.10%	12.83
<b>4<sup>th</sup> Quarter</b>	<b>18.717</b>	<b>▲ 34.66%</b>	<b>36.20</b>	<b>236.499</b>	<b>▲ 2.67%</b>	<b>32.55</b>	<b>255.216</b>	<b>▲ 4.49%</b>	<b>32.80</b>	<b>15.406</b>	<b>▲ 18.51%</b>	<b>32.44</b>
<b>Total</b>	<b>51.702</b>	<b>▲ 15.44%</b>	<b>100.00</b>	<b>726.488</b>	<b>▲ 8.22%</b>	<b>100.00</b>	<b>778.190</b>	<b>▲ 8.67%</b>	<b>100.00</b>	<b>47.490</b>	<b>▲ 25.32%</b>	<b>100.00</b>

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

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

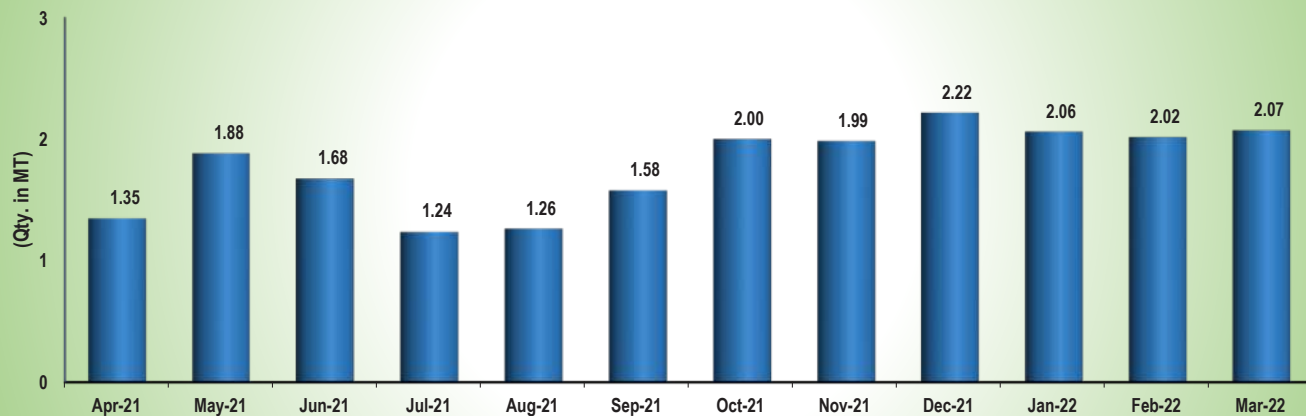


**Table-2.5: Monthly Production of different type of Coal Products during 2021-22**

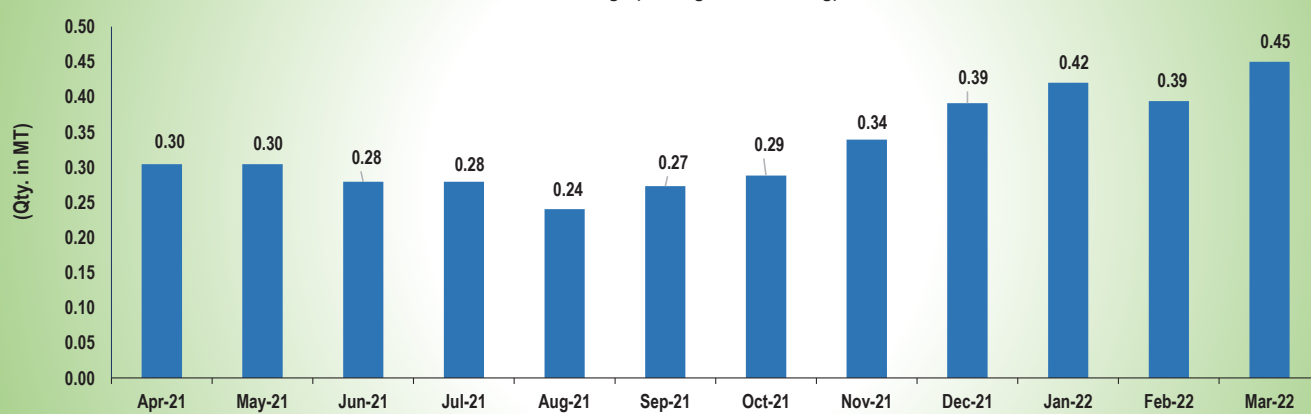
(Qty. in MT)

Month	Washed Coal (Coking)			Washed Coal(Non-Coking)			Middlings (Coking)			Middlings (Non-Coking)		
	Production	Growth %	Share %	Production	Growth %	Share %	Production	Growth %	Share %	Production	Growth %	Share %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<b>2021-22</b>												
Apr-21	0.327	▼ 11.86%	7.05	1.023	▲ 121.43%	6.12	0.182	▼ 30.80%	7.45	0.122	▲ 100.00%	8.03
May-21	0.365	▼ 10.98%	7.87	1.517	▲ 44.48%	9.08	0.209	▼ 26.41%	8.56	0.095	▲ 4650.00%	6.25
Jun-21	0.338	▼ 9.63%	7.29	1.341	▲ 43.88%	8.03	0.204	▼ 32.89%	8.35	0.075	▲ 7400.00%	4.94
<b>1<sup>st</sup> Quarter</b>	<b>1.030</b>	<b>▼ 10.82%</b>	<b>22.21</b>	<b>3.881</b>	<b>▲ 58.80%</b>	<b>23.23</b>	<b>0.595</b>	<b>▼ 30.08%</b>	<b>24.37</b>	<b>0.292</b>	<b>▲ 9633.33%</b>	<b>19.22</b>
Jul-21	0.386	▲ 6.04%	8.32	0.852	▼ 51.78%	5.10	0.203	▼ 28.01%	8.31	0.076	▲ 3700.00%	5.00
Aug-21	0.400	▲ 6.67%	8.62	0.862	▼ 43.06%	5.16	0.159	▼ 38.85%	6.51	0.081	▲ 8000.00%	5.33
Sep-21	0.415	▲ 4.01%	8.95	1.165	▼ 21.39%	6.97	0.168	▼ 44.19%	6.88	0.105	▲ 100.00%	6.91
<b>2<sup>nd</sup> Quarter</b>	<b>1.201</b>	<b>▲ 5.54%</b>	<b>25.89</b>	<b>2.879</b>	<b>▼ 39.55%</b>	<b>17.23</b>	<b>0.530</b>	<b>▼ 37.13%</b>	<b>21.70</b>	<b>0.262</b>	<b>▲ 8633.33%</b>	<b>17.25</b>
Oct-21	0.354	▼ 6.60%	7.63	1.646	▲ 3.98%	9.85	0.151	▼ 52.22%	6.18	0.137	▲ 100.00%	9.02
Nov-21	0.353	▼ 14.11%	7.61	1.633	▼ 2.74%	9.78	0.192	▼ 46.37%	7.86	0.147	▲ 100.00%	9.68
Dec-21	0.445	▲ 11.53%	9.59	1.773	▼ 11.31%	10.61	0.233	▼ 38.36%	9.54	0.158	▲ 100.00%	10.40
<b>3<sup>rd</sup> Quarter</b>	<b>1.152</b>	<b>▼ 3.11%</b>	<b>24.84</b>	<b>5.052</b>	<b>▼ 3.97%</b>	<b>30.24</b>	<b>0.576</b>	<b>▼ 45.25%</b>	<b>23.59</b>	<b>0.442</b>	<b>▲ 100.00%</b>	<b>29.10</b>
Jan-22	0.416	▲ 13.35%	8.97	1.644	▼ 15.61%	9.84	0.263	▼ 17.03%	10.77	0.157	▲ 100.00%	10.34
Feb-22	0.410	▲ 25.77%	8.84	1.605	▼ 19.14%	9.61	0.243	▼ 7.95%	9.95	0.151	▲ 100.00%	9.94
Mar-22	0.429	▲ 25.07%	9.25	1.644	▼ 19.09%	9.84	0.235	▼ 20.61%	9.62	0.215	▲ 100.00%	14.15
<b>4<sup>th</sup> Quarter</b>	<b>1.255</b>	<b>▲ 21.14%</b>	<b>27.06</b>	<b>4.893</b>	<b>▼ 17.97%</b>	<b>29.29</b>	<b>0.741</b>	<b>▼ 15.51%</b>	<b>30.34</b>	<b>0.523</b>	<b>▲ 100.00%</b>	<b>34.43</b>
<b>Total</b>	<b>4.638</b>	<b>▲ 2.66%</b>	<b>100.00</b>	<b>16.705</b>	<b>▼ 9.37%</b>	<b>100.00</b>	<b>2.442</b>	<b>▼ 32.60%</b>	<b>100.00</b>	<b>1.519</b>	<b>▲ 25216.67%</b>	<b>100.00</b>

**Month Wise Production of Washed Coal (Coking & Non-coking) in 2021-22**



**Month Wise Production of Middlings (Coking & Non-coking) in 2021-22**



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

**Table 2.6 : Share of Raw Coal Production by State in last Ten Years**

(Qty. in MT)

Year	Arunachal Pradesh			Assam			Chhattisgarh		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2012-13	0.073	0.01	▼ 66.97%	0.605	0.11	▲ 0.50%	117.83	21.18	▲ 3.40%
2013-14	0	-	-	0.664	0.12	▲ 9.75%	127.095	22.46	▲ 7.86%
2014-15	0	-	-	0.779	0.13	▲ 17.32%	134.764	22.12	▲ 6.03%
2015-16	0	-	-	0.487	0.08	▼ 37.48%	130.605	20.43	▼ 3.09%
2016-17	0	-	-	0.600	0.09	▲ 23.20%	138.525	21.06	▲ 6.06%
2017-18	0	-	-	0.781	0.12	▲ 30.17%	142.546	21.11	▲ 2.90%
2018-19	0	-	-	0.784	0.11	▲ 0.38%	161.893	22.22	▲ 13.57%
2019-20	0	-	-	0.517	0.07	▼ 34.06%	157.745	21.58	▼ 2.56%
2020-21	0	-	-	0.036	0.01	▼ 93.04%	158.410	22.12	▲ 0.42%
2021-22	0	-	-	0.028	0.00	▼ 22.22%	154.120	19.80	▼ 2.71%
Year	Jammu & Kashmir			Jharkhand			Madhya Pradesh		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2012-13	0.019	0.00	▼ 5.00%	111.274	20.00	▲ 1.56%	75.948	13.65	▲ 6.78%
2013-14	0.019	0.00	▲ 0.00%	113.091	19.99	▲ 1.63%	75.590	13.36	▼ 0.47%
2014-15	0.013	0.00	▼ 31.58%	124.143	20.38	▲ 9.77%	87.609	14.38	▲ 15.90%
2015-16	0.013	0.00	▲ 0.00%	121.067	18.94	▼ 2.48%	107.714	16.85	▲ 22.95%
2016-17	0.010	0.00	▼ 23.08%	126.435	19.22	▲ 4.43%	105.013	15.96	▼ 2.51%
2017-18	0.014	0.00	▲ 40.00%	123.297	18.26	▼ 2.48%	112.127	16.60	▲ 6.77%
2018-19	0.013	0.00	▼ 7.14%	134.666	18.48	▲ 9.22%	118.661	16.28	▲ 5.83%
2019-20	0.014	0.00	▲ 7.69%	131.763	18.03	▼ 2.16%	125.726	17.20	▲ 5.95%
2020-21	0.010	0.00	▼ 28.57%	123.428	17.24	▼ 6.33%	132.531	18.51	▲ 5.41%
2021-22	0.011	0.00	▲ 10.00%	130.104	16.72	▲ 5.41%	137.953	17.73	▲ 4.09%
Year	Maharashtra			Meghalaya			Odisha		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2012-13	39.134	7.03	▼ 0.06%	5.64	1.01	▼ 21.73%	110.132	19.79	▲ 4.41%
2013-14	37.223	6.58	▼ 4.88%	5.732	1.01	▲ 1.63%	112.917	19.96	▲ 2.53%
2014-15	38.257	6.28	▲ 2.78%	2.524	0.41	▼ 55.97%	123.627	20.29	▲ 9.48%
2015-16	38.351	6.00	▲ 0.25%	3.712	0.58	▲ 47.07%	138.461	21.66	▲ 12.00%
2016-17	40.559	6.17	▲ 5.76%	2.308	0.35	▼ 37.82%	139.359	21.18	▲ 0.65%
2017-18	42.219	6.25	▲ 4.09%	1.529	0.23	▼ 33.75%	143.328	21.22	▲ 2.85%
2018-19	49.818	6.84	▲ 18.00%	0.000	0.00	▼ 100.00%	144.312	19.80	▲ 0.69%
2019-20	54.746	7.49	▲ 9.89%	0.000	0.00	▲ 0.00%	143.016	19.57	▼ 0.90%
2020-21	47.435	6.62	▼ 13.35%	0.000	0.00	▲ 0.00%	154.151	21.53	▲ 7.79%
2021-22	56.529	7.26	▲ 19.17%	0.000	0.00	▲ 0.00%	185.069	23.78	▲ 20.06%

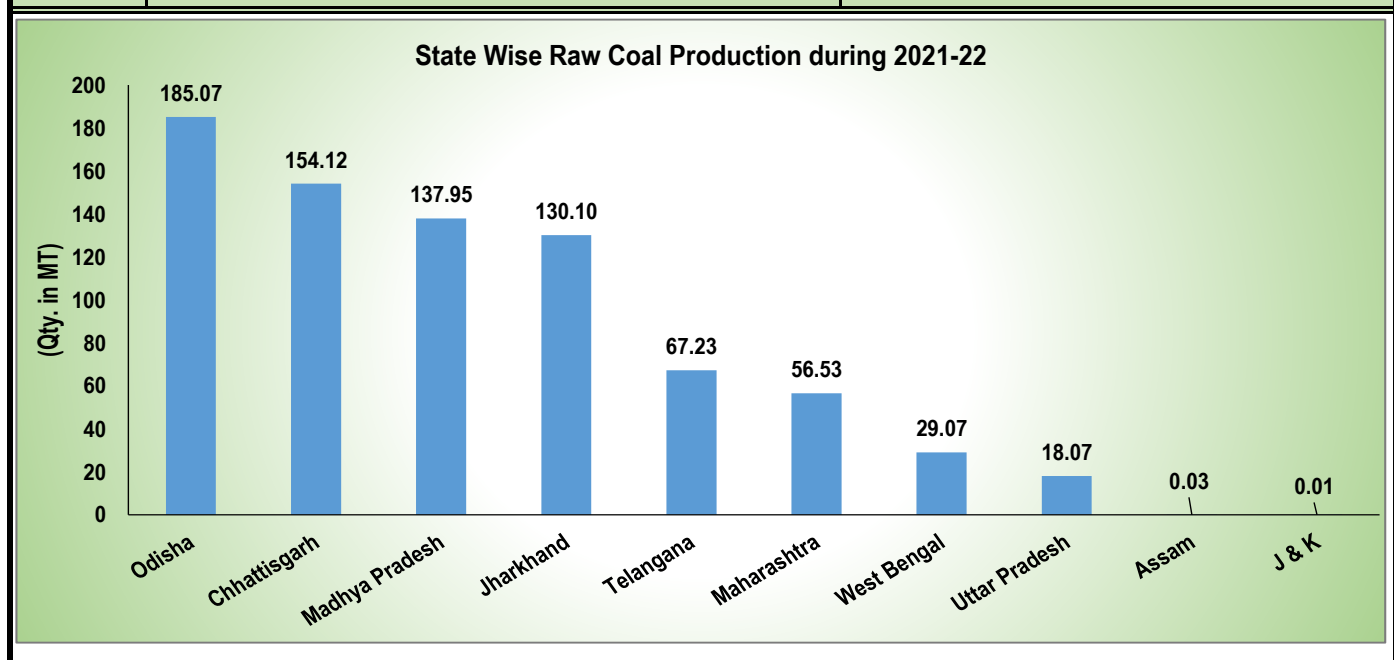
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Table 2.6 : Share of Raw Coal Production by State in last Ten Years

(Qty. in MT)

Year	Telangana			Uttar Pradesh			West Bengal		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
2012-13	53.190	9.56	▲ 1.88%	16.09	2.89	▼ 0.54%	26.467	4.76	▲ 9.23%
2013-14	50.469	8.92	▼ 5.12%	14.721	2.60	▼ 8.51%	28.244	4.99	▲ 6.71%
2014-15	52.536	8.62	▲ 4.10%	14.957	2.46	▲ 1.60%	29.97	4.92	▲ 6.11%
2015-16	60.380	9.45	▲ 14.93%	12.689	1.99	▼ 15.16%	25.751	4.03	▼ 14.08%
2016-17	61.336	9.32	▲ 1.58%	16.056	2.44	▲ 26.53%	27.667	4.21	▲ 7.44%
2017-18	62.010	9.18	▲ 1.10%	18.309	2.71	▲ 14.03%	29.240	4.33	▲ 5.69%
2018-19	65.160	8.94	▲ 5.08%	20.275	2.78	▲ 10.74%	33.136	4.55	▲ 13.32%
2019-20	65.703	8.99	▲ 0.83%	18.030	2.47	▼ 11.07%	33.614	4.60	▲ 1.44%
2020-21	52.603	7.35	▼ 19.94%	17.016	2.38	▼ 5.62%	30.463	4.25	▼ 9.37%
2021-22	67.233	8.64	▲ 27.81%	18.073	2.32	▲ 6.21%	29.070	3.74	▼ 4.57%

Year	All India	
	Quantity	Growth(%)
(41)	(42)	(43)
2012-13	556.402	▲ 3.05%
2013-14	565.765	▲ 1.68%
2014-15	609.179	▲ 7.67%
2015-16	639.230	▲ 4.93%
2016-17	657.868	▲ 2.92%
2017-18	675.400	▲ 2.66%
2018-19	728.718	▲ 7.89%
2019-20	730.874	▲ 0.30%
2020-21	716.083	▼ 2.02%
2021-22	778.190	▲ 8.67%



**Table 2.7 : Share of Lignite Production by State 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)
2012-13	24.844	53.48	▲ 1.03%	14.528	31.27	▼ 1.70%	7.081	15.24	▲ 138.98%
2013-14	25.056	56.60	▲ 0.85%	11.588	26.18	▼ 20.24%	7.627	17.23	▲ 7.71%
2014-15	25.190	52.19	▲ 0.53%	12.317	25.52	▲ 6.29%	10.763	22.30	▲ 41.12%
2015-16	24.227	55.26	▼ 3.82%	10.123	23.09	▼ 17.81%	9.492	21.65	▼ 11.81%
2016-17	26.204	57.93	▲ 8.16%	10.546	23.32	▲ 4.18%	8.480	18.75	▼ 10.66%
2017-18	23.569	50.53	▼ 10.06%	13.781	29.55	▲ 30.68%	9.294	19.93	▲ 9.60%
2018-19	23.041	52.03	▼ 2.24%	12.566	28.38	▼ 8.82%	8.676	19.59	▼ 6.65%
2019-20	23.516	55.86	▲ 2.06%	10.357	24.60	▼ 17.58%	8.223	19.53	▼ 5.22%
2020-21	18.026	47.57	▼ 23.35%	10.813	28.53	▲ 4.40%	9.056	23.90	▲ 10.13%
2021-22	23.635	49.77	▲ 31.12%	13.330	28.07	▲ 23.28%	10.525	22.16	▲ 16.22%

Year	All India	
	Quantity	Growth(%)
(11)	(12)	(13)
2012-13	46.453	▲ 9.73%
2013-14	44.271	▼ 4.70%
2014-15	48.270	▲ 9.03%
2015-16	43.842	▼ 9.17%
2016-17	45.230	▲ 3.17%
2017-18	46.644	▲ 3.13%
2018-19	44.283	▼ 5.06%
2019-20	42.096	▼ 4.94%
2020-21	37.895	▼ 9.98%
2021-22	47.490	▲ 25.32%

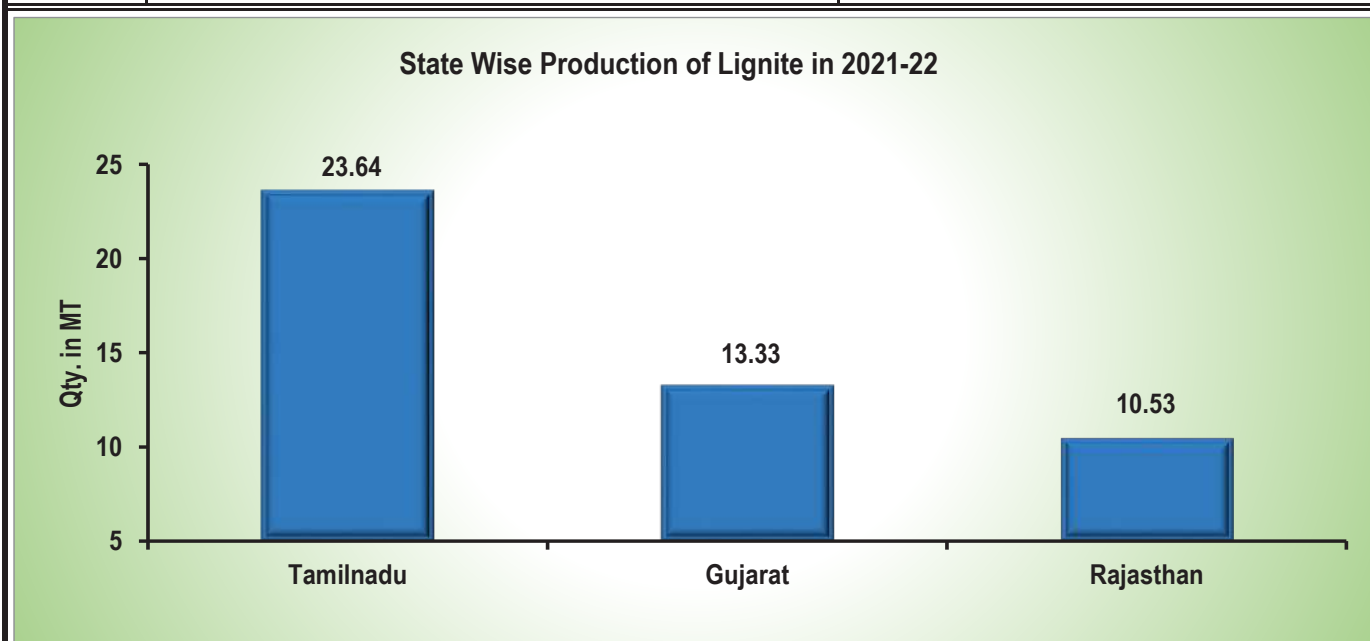




Table-2.8: State Wise Production of Raw Coal by type in last Five Years

(Qty. in MT)

State	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
<b>Coking</b>					
Chhattisgarh	0.182	0.247	0.250	0.219	0.225
Jharkhand	38.768	39.641	52.364	44.387	51.219
Madhya Pradesh	0.180	0.188	0.178	0.181	0.158
West Bengal	1.018	1.056	0.144	0.000	0.100
<b>Total Coking</b>	<b>40.148</b>	<b>41.132</b>	<b>52.936</b>	<b>44.787</b>	<b>51.702</b>
<b>Non Coking</b>					
Assam	0.781	0.784	0.517	0.036	0.028
Chhattisgarh	142.364	161.646	157.495	158.191	153.895
Jammu & Kashmir	0.014	0.013	0.014	0.010	0.011
Jharkhand	84.529	95.025	79.399	79.041	78.885
Madhya Pradesh	111.947	118.473	125.548	132.350	137.795
Maharashtra	42.219	49.818	54.746	47.435	56.529
Meghalaya	1.529				
Odisha	143.328	144.312	143.016	154.151	185.069
Telangana	62.010	65.160	65.703	52.603	67.233
Uttar Pradesh	18.309	20.275	18.030	17.016	18.073
West Bengal	28.222	32.080	33.470	30.463	28.970
<b>Total Non Coking</b>	<b>635.252</b>	<b>687.586</b>	<b>677.938</b>	<b>671.296</b>	<b>726.488</b>
<b>Total Coal</b>	<b>675.400</b>	<b>728.718</b>	<b>730.874</b>	<b>716.083</b>	<b>778.190</b>

Table 2.9 : Statewise Production of Lignite in last Five Years

State	Qty. in MT				
	2017-18	2018-19	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	13.781	12.566	10.357	10.813	13.330
Rajasthan	9.294	8.676	8.223	9.056	10.525
Tamilnadu	23.569	23.041	23.516	18.026	23.635
<b>Total Lignite</b>	<b>46.644</b>	<b>44.283</b>	<b>42.096</b>	<b>37.895</b>	<b>47.490</b>

Statewise Production of Lignite in last Five Years

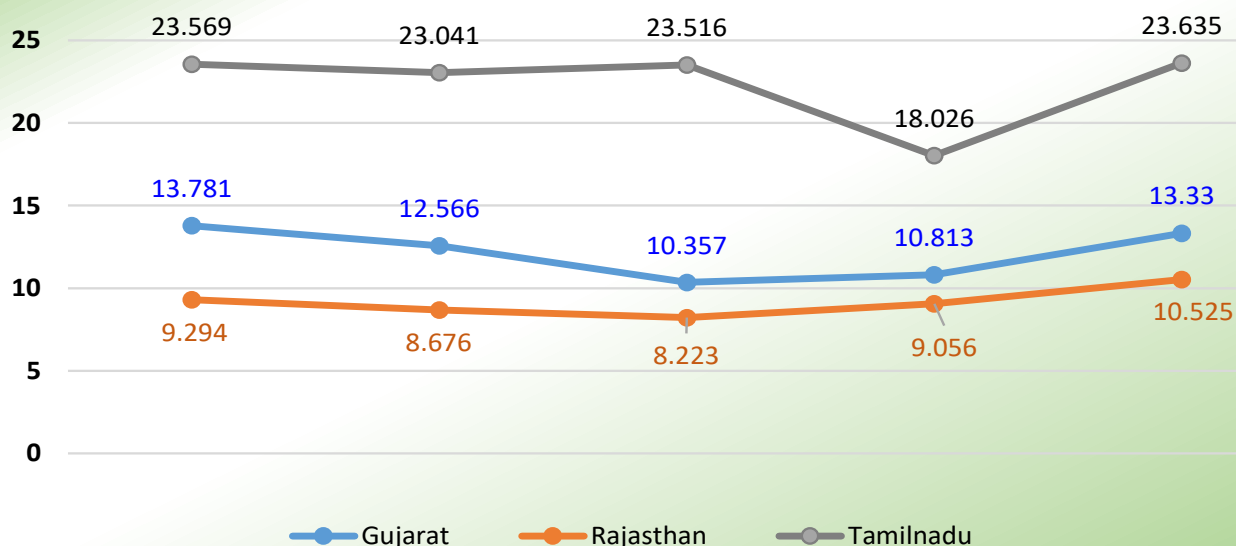


Table 2.10 : Trend of Company Wise Production of Lignite in Last Three Years

Company	Qty. in MT		
	2019-20	2020-21	2021-22
(1)	(2)	(3)	(4)
NLC	24.864	19.263	25.112
GMDCL	6.957	6.004	8.554
GIPCL	3.342	3.507	2.91
RSMML	0.79	0.83	1.981
GHCL	0.058	0.021	0.081
VSLPPL	0.672	0.971	1.000
BLMCL	5.413	6.018	6.067
GPCL		1.281	1.785
<b>All India</b>	<b>42.096</b>	<b>37.895</b>	<b>47.49</b>

Table-2.11: Trend of Company Wise Production of Coal in Last Three Years

(Qty. in MT)

Company	2019-20			2020-21			2021-22		
	Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>Coal</b>									
ECL	0.026	50.375	<b>50.401</b>	0.015	44.989	<b>45.004</b>	0.014	32.414	<b>32.428</b>
BCCL	25.945	1.784	<b>27.729</b>	23.384	1.272	<b>24.656</b>	29.041	1.470	<b>30.511</b>
CCL	20.027	46.862	<b>66.889</b>	15.043	47.546	<b>62.589</b>	17.164	51.682	<b>68.846</b>
NCL		108.053	<b>108.053</b>	0.000	115.042	<b>115.042</b>	0.000	122.431	<b>122.431</b>
WCL	0.178	57.458	<b>57.636</b>	0.181	50.094	<b>50.275</b>	0.158	57.550	<b>57.708</b>
SECL	0.250	146.875	<b>147.125</b>	0.219	147.185	<b>147.404</b>	0.225	139.376	<b>139.601</b>
SECL(GP-IV/2&3)		2.659	<b>2.659</b>		3.202	<b>3.202</b>		2.913	<b>2.913</b>
SECL(GP-IV/1)		0.762	<b>0.762</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>
MCL		140.358	<b>140.358</b>		148.013	<b>148.013</b>		168.168	<b>168.168</b>
NEC		0.517	<b>0.517</b>		0.036	<b>0.036</b>		0.028	<b>0.028</b>
<b>CIL</b>	<b>46.426</b>	<b>555.703</b>	<b>602.129</b>	<b>38.842</b>	<b>557.379</b>	<b>596.221</b>	<b>46.602</b>	<b>576.032</b>	<b>622.634</b>
SCCL		64.044	<b>64.044</b>		50.580	<b>50.580</b>		65.022	<b>65.022</b>
JKML		0.014	<b>0.014</b>		0.010	<b>0.010</b>		0.011	<b>0.011</b>
DVC	0.000	0.000	<b>0.000</b>	0.000	0.000	<b>0.000</b>	0.000	0.000	<b>0.000</b>
IISCO	0.300	0.234	<b>0.534</b>	0.092	0.099	<b>0.191</b>	0.080	0.016	<b>0.096</b>
SAIL		0.000	<b>0.000</b>		0.000	<b>0.000</b>	0.340	0.000	<b>0.340</b>
JSMDCL		0.068	<b>0.068</b>		0.079	<b>0.079</b>		0.050	<b>0.050</b>
RRVUNL		15.000	<b>15.000</b>		15.000	<b>15.000</b>		15.000	<b>15.000</b>
NTPC		11.151	<b>11.151</b>		11.005	<b>11.005</b>		14.024	<b>14.024</b>
WBPDCCL		2.112	<b>2.112</b>		6.258	<b>6.258</b>		11.386	<b>11.386</b>
CSPGCL		0.510	<b>0.510</b>		1.502	<b>1.502</b>		3.265	<b>3.265</b>
TSPGCL		1.659	<b>1.659</b>		2.023	<b>2.023</b>		2.211	<b>2.211</b>
OCPL		1.003	<b>1.003</b>		2.001	<b>2.001</b>		5.251	<b>5.251</b>
DPL					0.067	<b>0.067</b>		0.513	<b>0.513</b>
NLCIL					1.013	<b>1.013</b>		6.358	<b>6.358</b>
KPCL								1.258	<b>1.258</b>
<b>Total Public</b>	<b>46.726</b>	<b>651.498</b>	<b>698.224</b>	<b>38.934</b>	<b>647.016</b>	<b>685.950</b>	<b>47.022</b>	<b>700.397</b>	<b>747.419</b>
TSL	6.210	0.000	<b>6.210</b>	5.853	0.000	<b>5.853</b>	4.680	0.000	<b>4.680</b>
BALCO		1.000	<b>1.000</b>		0.002	<b>0.002</b>		0.000	<b>0.000</b>
CESC		1.958	<b>1.958</b>		2.079	<b>2.079</b>		1.637	<b>1.637</b>
GMR		0.000	<b>0.000</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>
HIL		0.729	<b>0.729</b>		0.308	<b>0.308</b>		0.926	<b>0.926</b>
JPVL		2.800	<b>2.800</b>		2.800	<b>2.800</b>		2.800	<b>2.800</b>
SIL		0.270	<b>0.270</b>		0.068	<b>0.068</b>		0.166	<b>0.166</b>
SPL		18.700	<b>18.700</b>		18.570	<b>18.570</b>		18.039	<b>18.039</b>
RCCPL		0.182	<b>0.182</b>		0.172	<b>0.172</b>		0.205	<b>0.205</b>
TUML		0.286	<b>0.286</b>		0.112	<b>0.112</b>		0.241	<b>0.241</b>
OCL		0.115	<b>0.115</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>
AMBUJA		0.400	<b>0.400</b>		0.169	<b>0.169</b>		0.779	<b>0.779</b>
BSIL								0.127	<b>0.127</b>
UTCL								0.021	<b>0.021</b>
SEML								0.786	<b>0.786</b>
JPL								0.364	<b>0.364</b>
<b>Total Private</b>	<b>6.210</b>	<b>26.440</b>	<b>32.650</b>	<b>5.853</b>	<b>24.280</b>	<b>30.133</b>	<b>4.680</b>	<b>26.091</b>	<b>30.771</b>
<b>All India</b>	<b>52.936</b>	<b>677.938</b>	<b>730.874</b>	<b>44.787</b>	<b>671.296</b>	<b>716.083</b>	<b>51.702</b>	<b>726.488</b>	<b>778.190</b>

**Table 2.12 : State Wise and Company Wise Production of Raw Coal by Types in Last Three Years**

(Qty. in MT)

State	Company	2019-20			2020-21			2021-22		
		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		0.517	0.517		0.036	0.036		0.028	0.028
Chhattisgarh	SECL	0.250	136.300	136.550	0.219	137.242	137.461	0.225	129.817	130.042
	SECL(GP-IV/2&3)		2.659	2.659		3.202	3.202		2.913	2.913
	SECL(GP-IV/1)		0.762	0.762		0.000	0.000			
	RRVUNL		15.000	15.000		15.000	15.000		15.000	15.000
	HIL (GP-IV/4)		0.548	0.548		0.262	0.262		0.560	0.560
	HIL (GP-IV/5)		0.126	0.126		0.000	0.000		0.000	0.000
	CSPGCL		0.510	0.510		1.502	1.502		3.265	3.265
	NTPC		0.190	0.190		0.812	0.812		0.411	0.411
	AMBUJA		0.400	0.400		0.169	0.169		0.779	0.779
	BALCO		1.000	1.000		0.002	0.002		0.000	0.000
	SEML								0.786	0.786
	JPL								0.364	0.364
	<b>Total</b>	<b>0.250</b>	<b>157.495</b>	<b>157.745</b>	<b>0.219</b>	<b>158.191</b>	<b>158.410</b>	<b>0.225</b>	<b>153.895</b>	<b>154.120</b>
J & K	JKML		0.014	0.014		0.010	0.010		0.011	0.011
Jharkhand	ECL	0.026	21.209	21.235	0.015	18.900	18.915	0.014	8.017	8.031
	BCCL	25.801	1.784	27.585	23.384	1.268	24.652	28.941	1.409	30.350
	CCL	20.027	46.862	66.889	15.043	47.546	62.589	17.164	51.682	68.846
	JSMDCL		0.068	0.068		0.079	0.079		0.050	0.050
	DVC			0.000			0.000			0.000
	IISCOCJ	0.300		0.300	0.092		0.092	0.080		0.080
	SAIL			0.000			0.000	0.340	0.000	0.340
	NTPC		9.421	9.421		7.069	7.069		8.321	8.321
	WBPDCCL					4.133	4.133		9.040	9.040
	TSL	6.210		6.210	5.853		5.853	4.680		4.680
	HIL_KOC		0.055	0.055		0.046	0.046		0.366	0.366
	<b>Total</b>	<b>52.364</b>	<b>79.399</b>	<b>131.763</b>	<b>44.387</b>	<b>79.041</b>	<b>123.428</b>	<b>51.219</b>	<b>78.885</b>	<b>130.104</b>
Madhya Pradesh	NCL		90.023	90.023		98.026	98.026		104.358	104.358
	WCL	0.178	3.268	3.446	0.181	2.839	3.020	0.158	2.813	2.971
	SECL		10.575	10.575		9.943	9.943		9.559	9.559
	UTCL								0.021	0.021
	SPL		18.700	18.700		18.570	18.570		18.039	18.039
	JPVL		2.800	2.800		2.800	2.800		2.800	2.800
	RCCPL		0.182	0.182		0.172	0.172		0.205	0.205
		<b>Total</b>	<b>0.178</b>	<b>125.548</b>	<b>125.726</b>	<b>0.181</b>	<b>132.350</b>	<b>132.531</b>	<b>0.158</b>	<b>137.795</b>

Cont.

**Table 2.12 : State Wise and Company Wise Production of Raw Coal by Types in Last Three Years**  
(Qty. in MT)

State	Company	2019-20			2020-21			2021-22		
		Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Maharashtra	WCL		54.190	54.190		47.255	47.255		54.737	54.737
	SIL		0.270	0.270		0.068	0.068		0.166	0.166
	TUML		0.286	0.286		0.112	0.112		0.241	0.241
	KPCL								1.258	1.258
	BSIL								0.127	0.127
	<b>Total</b>			<b>54.746</b>	<b>54.746</b>		<b>47.435</b>	<b>47.435</b>	<b>0.000</b>	<b>56.529</b>
Meghalaya	MEG		0.000	0.000		0.000	0.000		0.000	0.000
Odisha	MCL		140.358	140.358		148.013	148.013		168.168	168.168
	OCPL		1.003	1.003		2.001	2.001		5.251	5.251
	NTPC		1.540	1.540		3.124	3.124		5.292	5.292
	NLCIL			0.000		1.013	1.013		6.358	6.358
	GMR		0.000	0.000		0.000	0.000		0.000	0.000
	<b>Total</b>			<b>143.016</b>	<b>143.016</b>		<b>154.151</b>	<b>154.151</b>	<b>0.000</b>	<b>185.069</b>
Telangana	SCCL		64.044	64.044		50.580	50.580		65.022	65.022
	TSPGCL		1.659	1.659		2.023	2.023		2.211	2.211
	<b>Total</b>		<b>65.703</b>	<b>65.703</b>		<b>52.603</b>	<b>52.603</b>	<b>0.000</b>	<b>67.233</b>	<b>67.233</b>
Uttar Pradesh	NCL		18.030	18.030		17.016	17.016		18.073	18.073
West Bengal	ECL		29.166	29.166		26.089	26.089		24.397	24.397
	BCCL	0.144	0.000	0.144	0.000	0.004	0.004	0.100	0.061	0.161
	WBPDCL		2.112	2.112		2.125	2.125		2.346	2.346
	IISCOR		0.234	0.234		0.099	0.099		0.016	0.016
	DPL					0.067	0.067		0.513	0.513
	CESC		1.958	1.958		2.079	2.079		1.637	1.637
	OCL		0.115	0.115		0.000	0.000		0.000	0.000
	<b>Total</b>	<b>0.144</b>	<b>33.470</b>	<b>33.614</b>	<b>0.000</b>	<b>30.463</b>	<b>30.463</b>	<b>0.100</b>	<b>28.970</b>	<b>29.070</b>
<b>Total Public</b>		<b>46.726</b>	<b>651.498</b>	<b>698.224</b>	<b>38.934</b>	<b>647.016</b>	<b>685.950</b>	<b>47.022</b>	<b>700.397</b>	<b>747.419</b>
<b>Total Private</b>	<b>Total</b>	<b>6.210</b>	<b>26.440</b>	<b>32.650</b>	<b>5.853</b>	<b>24.280</b>	<b>30.133</b>	<b>4.680</b>	<b>26.091</b>	<b>30.771</b>
<b>All India</b>		<b>52.936</b>	<b>677.938</b>	<b>730.874</b>	<b>44.787</b>	<b>671.296</b>	<b>716.083</b>	<b>51.702</b>	<b>726.488</b>	<b>778.190</b>

**Table 2.13 : Captive Block Wise Production of Raw Coal during last Three Years**

(Qty. in MT)

Coal Block	Company	State	2019-20			2020-21			2021-22		
			Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gare Palma IV/2 & 3	SECL	Chhattisgarh		2.659	2.659		3.202	3.202		2.913	2.913
Gare Palma IV/1	SECL			0.762	0.762		0.000	0.000			
Parsa East & Kanta Basan	RRVUNL		15.000	15.000		15.000	15.000		15.000	15.000	
Tallipalli	NTPC		0.190	0.190		0.812	0.812		0.411	0.411	
Gare Palma Sector-III	CSPGCL		0.510	0.510		1.502	1.502		3.265	3.265	
Pakri Barwadih	NTPC	Jharkhand		9.421	9.421		7.069	7.069		8.321	8.321
Tasra	SAIL				0.000		0.000	0.000	0.340		0.340
Pachhwara North	WBPDCCL		1.006	1.006		4.133	4.133		9.040	9.040	
Dulanga	NTPC	Odisha		1.540	1.540		3.124	3.124		5.292	5.292
Talabira II & III	NLCL					1.013	1.013		6.358	6.358	
Manoharpur	OCPL		1.003	1.003		2.001	2.001		5.251	5.251	
Tadicherla	TSPGCL	Telangana		1.659	1.659		2.023	2.023		2.211	2.211
Baranj I-IV, Kiloni & manohardih	KPCL	Maharashtra								1.258	1.258
Barjora	WBPDCCL	West Bengal		0.500	0.500		0.310	0.310		0.316	0.316
Barjora North	WBPDCCL		0.606	0.606		0.815	0.815		1.030	1.030	
Gangaramchak Bhadulia	WBPDCCL		1.000	1.000		1.000	1.000		1.000	1.000	
Trans Damodar	DPL		0.067	0.067		0.067	0.067		0.513	0.513	
<b>Total Public</b>				<b>0.000</b>	<b>34.856</b>	<b>34.856</b>	<b>0.000</b>	<b>42.071</b>	<b>42.071</b>	<b>0.340</b>	<b>62.179</b>
II Chotia II	BALCO	Chhattisgarh		1.000	1.000		0.002	0.002		0.000	0.000
Gare Palma IV/4	HIL		0.548	0.548		0.262	0.262		0.560	0.560	
Gare Palma IV/5	HIL		0.126	0.126		0.000	0.000		0.000	0.000	
Gare Palma IV/8	AMBUJA		0.400	0.400		0.169	0.169		0.779	0.779	
Gare Palma IV/1	JPL								0.364	0.364	
Gare Palma IV/7	SEML								0.786	0.786	
Kathautia	HIL	Jharkhand		0.055	0.055		0.046	0.046		0.366	0.366
Amelia North	JPVL	Madhya Pradesh		2.800	2.800		2.800	2.800		2.800	2.800
Moher & Moher Amlori Extn	SPL		18.700	18.700		18.570	18.570		18.039	18.039	
Sial Ghogri	RCCPL		0.182	0.182		0.172	0.172		0.205	0.205	
Bicharpur	UTCL								0.021	0.021	
Belgaon	SIL	Maharashtra		0.270	0.270		0.068	0.068		0.166	0.166
Marki Mangli III	BSIL								0.127	0.127	
Marki Mangli I	TUML		0.286	0.286		0.112	0.112		0.241	0.241	
Talabira I	GMR	Odisha		0.000	0.000		0.000	0.000		0.000	0.000
Ardhagram	OCL		0.115	0.115		0.000	0.000		0.000	0.000	
Sarshatali	CESC	West Bengal		1.958	1.958		2.079	2.079		1.637	1.637
<b>Total Private</b>			<b>0.000</b>	<b>26.440</b>	<b>26.440</b>	<b>0.000</b>	<b>24.280</b>	<b>24.280</b>	<b>0.000</b>	<b>26.091</b>	<b>26.091</b>
<b>Grand Total</b>			<b>0.000</b>	<b>61.296</b>	<b>61.296</b>	<b>0.000</b>	<b>66.351</b>	<b>66.351</b>	<b>0.340</b>	<b>88.270</b>	<b>88.610</b>

**Table 2.14 : Grade Wise Production of Coking Coal by Companies in 2021-22**

(Qty. in MT)

Company	Production of Coking Coal									
	Steel-I	Steel-II	SC-I	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	Wash-VI	Production of Coking Coal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ECL						0.014				0.014
BCCL	0.000	0.000	0.000	0.234	1.377	0.967	14.151	11.020	1.292	29.041
CCL					0.524	0.205	7.551	8.884	0.000	17.164
NCL										0.000
WCL							0.158			0.158
SECL			0.225							0.225
SECL(GP-IV/2&3)										0.000
MCL										0.000
NEC										0.000
<b>CIL</b>	<b>0.000</b>	<b>0.000</b>	<b>0.225</b>	<b>0.234</b>	<b>1.901</b>	<b>1.186</b>	<b>21.860</b>	<b>19.904</b>	<b>1.292</b>	<b>46.602</b>
SCCL										0.000
JKML										0.000
JSMDCL										0.000
DVC										0.000
IISCO						0.080	0.000			0.080
SAIL							0.073	0.267		0.340
RRVUNL										0.000
NTPC										0.000
WBPDCCL										0.000
CSPGCL										0.000
TSPGCL										0.000
OCPL										0.000
NLCIL										0.000
DPL										0.000
KPCL										0.000
<b>Total Public</b>	<b>0.000</b>	<b>0.000</b>	<b>0.225</b>	<b>0.234</b>	<b>1.901</b>	<b>1.266</b>	<b>21.933</b>	<b>20.171</b>	<b>1.292</b>	<b>47.022</b>
TSL					0.599	0.273	3.808			4.680
BALCO										0.000
CESC										0.000
GMR										0.000
HIL										0.000
JPVL										0.000
SIL										0.000
SPL										0.000
RCCPL										0.000
TUML										0.000
AMBUJA										0.000
UTCL										0.000
SEML										0.000
JPL										0.000
BSIL										0.000
<b>Total Private</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.599</b>	<b>0.273</b>	<b>3.808</b>	<b>0.000</b>	<b>0.000</b>	<b>4.680</b>
<b>All India</b>	<b>0.000</b>	<b>0.000</b>	<b>0.225</b>	<b>0.234</b>	<b>2.500</b>	<b>1.539</b>	<b>25.741</b>	<b>20.171</b>	<b>1.292</b>	<b>51.702</b>

Table 2.15: Grade Wise Production of Non-Coking Coal by Companies in 2021-22

(Qty. in MT)

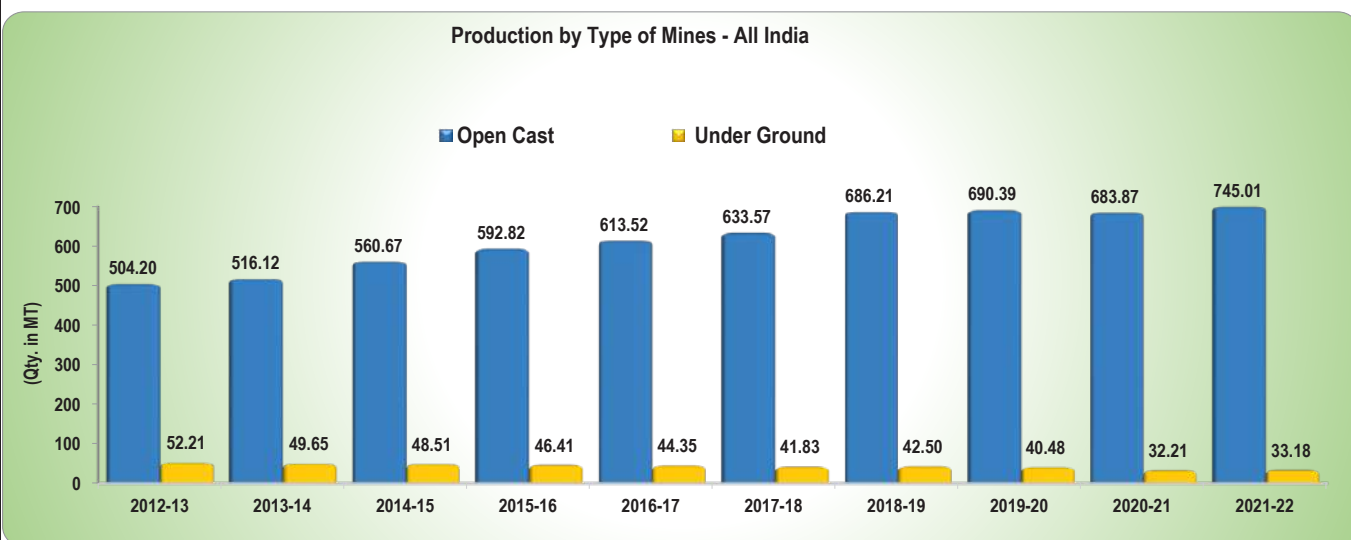
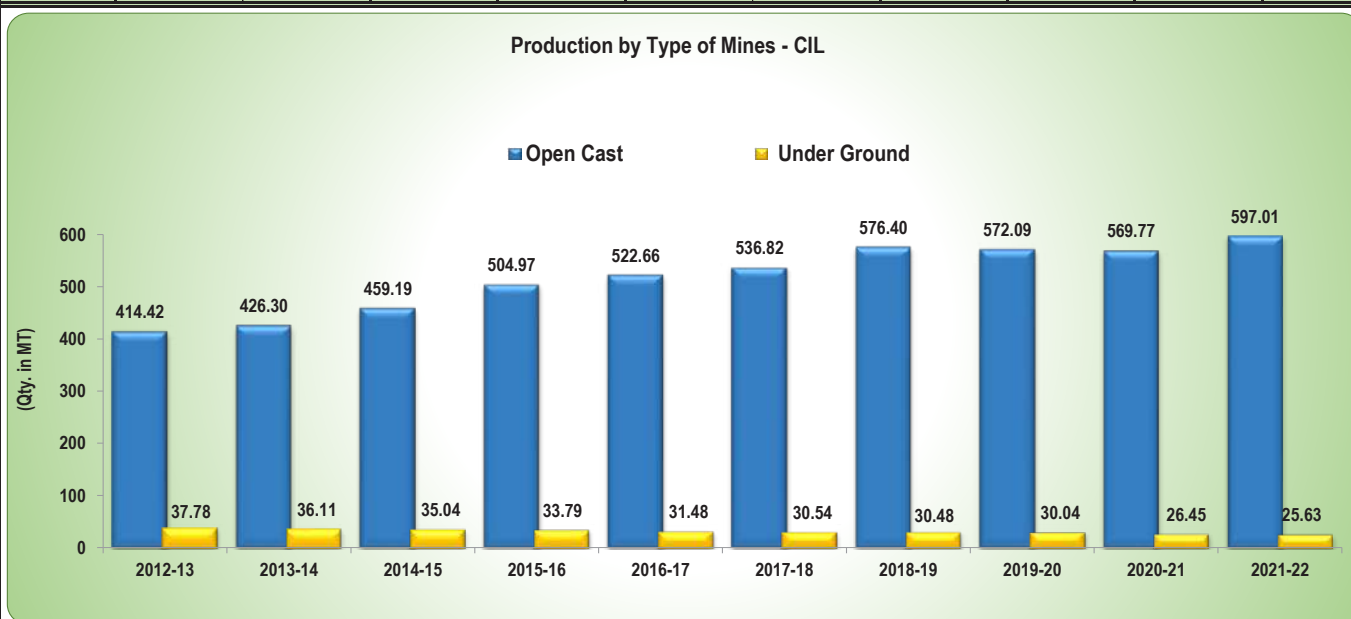
Company	Production of Non Coking Coal																		Total Non Coking	Total Coal
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16	G17			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
ECL			0.808	12.947	6.328	1.775	2.360	2.723	0.000	0.087			5.386						32.414	32.428
BCCL					0.009	0.061	0.615	0.693	0.000	0.092									1.470	30.511
CCL					0.000	0.830	1.683	4.377	5.745	4.049	20.023	6.681	8.294						51.682	68.846
NCL							27.288	26.031	2.650	23.268	32.557	7.900	2.737						122.431	122.431
WCL						0.135	0.170	1.264	6.013	16.940	21.062	7.157	4.809						57.550	57.708
SECL			1.313	0.000	1.678	2.245	2.654	4.677	4.135	3.336	104.894	1.555	5.121	0.107	6.008	1.653			139.376	139.601
SECL(GP-IV/2&3)											0.284	0.497		0.558	0.799	0.775			2.913	2.913
MCL								0.060	0.049			51.398	51.361	65.299	0.001				168.168	168.168
NEC		0.009	0.019																0.028	0.028
<b>CIL</b>	<b>0.000</b>	<b>0.009</b>	<b>2.140</b>	<b>12.947</b>	<b>8.015</b>	<b>5.046</b>	<b>34.770</b>	<b>39.825</b>	<b>18.592</b>	<b>47.772</b>	<b>178.820</b>	<b>75.188</b>	<b>77.708</b>	<b>65.964</b>	<b>6.808</b>	<b>2.428</b>	<b>0.000</b>		<b>576.032</b>	<b>622.634</b>
SCCL					0.675	0.099	5.057	4.313	7.301	4.586	18.250	0.309	15.335	2.456	6.641				65.022	65.022
JKML																	0.011		0.011	0.011
JSMDCCL												0.050							0.050	0.050
DVC																			0.000	0.000
IISCO					0.007		0.009												0.016	0.096
SAIL																			0.000	0.340
RRVUNL											10.360		0.286		4.354				15.000	15.000
NTPC									8.321		0.001	0.410	5.292						14.024	14.024
WBPDCCL							0.316		9.040		1.000	0.739	0.291						11.386	11.386
CSPGCL													0.786	1.023	0.646	0.810			3.265	3.265
TSPGCL						0.085	2.126												2.211	2.211
OCPL														5.251					5.251	5.251
NLCIL														6.358					6.358	6.358
DPL									0.268			0.245							0.513	0.513
KPCL									1.258										1.258	1.258
<b>Total Public</b>	<b>0.000</b>	<b>0.009</b>	<b>2.140</b>	<b>12.947</b>	<b>8.697</b>	<b>5.145</b>	<b>40.237</b>	<b>46.264</b>	<b>44.780</b>	<b>52.358</b>	<b>208.431</b>	<b>76.941</b>	<b>99.698</b>	<b>81.052</b>	<b>14.095</b>	<b>7.592</b>	<b>0.011</b>		<b>700.397</b>	<b>747.419</b>
TSL																			0.000	4.680
BALCO								0.000				0.000							0.000	0.000
CESC												1.637							1.637	1.637
GMR																			0.000	0.000
HIL						0.366	0.324					0.236							0.926	0.926
JPVL											2.800								2.800	2.800
SIL								0.166											0.166	0.166
SPL										8.866	9.173								18.039	18.039
RCCPL								0.205											0.205	0.205
TUML													0.241						0.241	0.241
AMBUJA									0.400	0.224	0.155								0.779	0.779
UTCL							0.005			0.007		0.010							0.021	0.021
SEML												0.285		0.501					0.786	0.786
JPL																	0.364		0.364	0.364
BSIL												0.127							0.127	0.127
<b>Total Private</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.366</b>	<b>0.329</b>	<b>0.371</b>	<b>0.000</b>	<b>9.273</b>	<b>12.197</b>	<b>2.450</b>	<b>0.241</b>	<b>0.501</b>	<b>0.000</b>	<b>0.000</b>	<b>0.364</b>		<b>26.091</b>	<b>30.771</b>
<b>All India</b>	<b>0.000</b>	<b>0.009</b>	<b>2.140</b>	<b>12.947</b>	<b>8.697</b>	<b>5.511</b>	<b>40.566</b>	<b>46.635</b>	<b>44.780</b>	<b>61.631</b>	<b>220.628</b>	<b>79.391</b>	<b>99.939</b>	<b>81.553</b>	<b>14.095</b>	<b>7.592</b>	<b>0.375</b>		<b>726.488</b>	<b>778.190</b>



**Table 2.16: Trend of 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 (%)
	CIL	All India			CIL	All India				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2012-13	414.423	504.195	90.62	▲ 3.32%	37.777	52.207	9.38	▲ 0.48%	556.402	▲ 3.05%
2013-14	426.300	516.116	91.22	▲ 2.36%	36.113	49.649	8.78	▼ 4.90%	565.765	▲ 1.68%
2014-15	459.191	560.667	92.04	▲ 8.63%	35.043	48.512	7.96	▼ 2.29%	609.179	▲ 7.67%
2015-16	504.969	592.822	92.74	▲ 5.74%	33.785	46.408	7.26	▼ 4.34%	639.230	▲ 4.93%
2016-17	522.663	613.518	93.26	▲ 3.49%	31.477	44.350	6.74	▼ 4.43%	657.868	▲ 2.92%
2017-18	536.823	633.569	93.81	▲ 3.27%	30.543	41.831	6.19	▼ 5.68%	675.400	▲ 2.66%
2018-19	576.404	686.214	94.17	▲ 8.31%	30.483	42.504	5.83	▲ 1.61%	728.718	▲ 7.89%
2019-20	572.092	690.393	94.46	▲ 0.61%	30.037	40.481	5.54	▼ 4.76%	730.874	▲ 0.30%
2020-21	569.768	683.872	95.50	▼ 0.94%	26.453	32.211	4.50	▼ 20.43%	716.083	▼ 2.02%
2021-22	597.008	745.007	95.74	▲ 8.94%	25.626	33.183	4.26	▲ 3.02%	778.190	▲ 8.67%



**Table 2.17 : Company Wise Production of Raw Coal from Open Cast and Under Ground Mines in last Two Years**

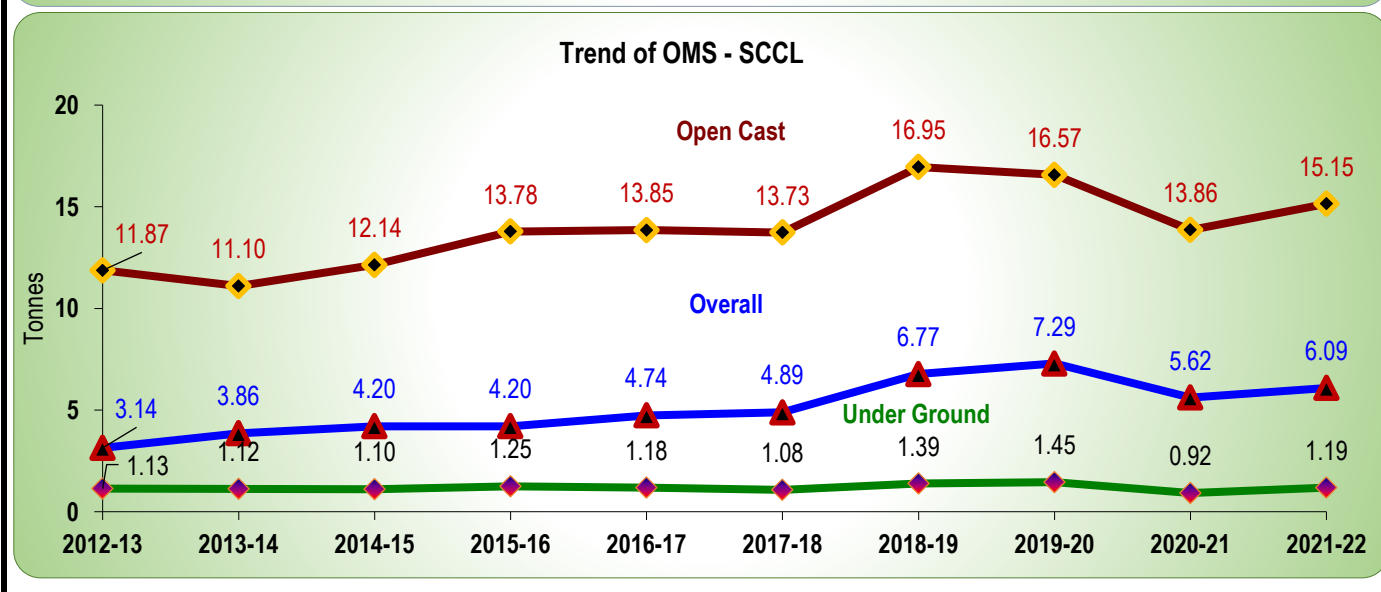
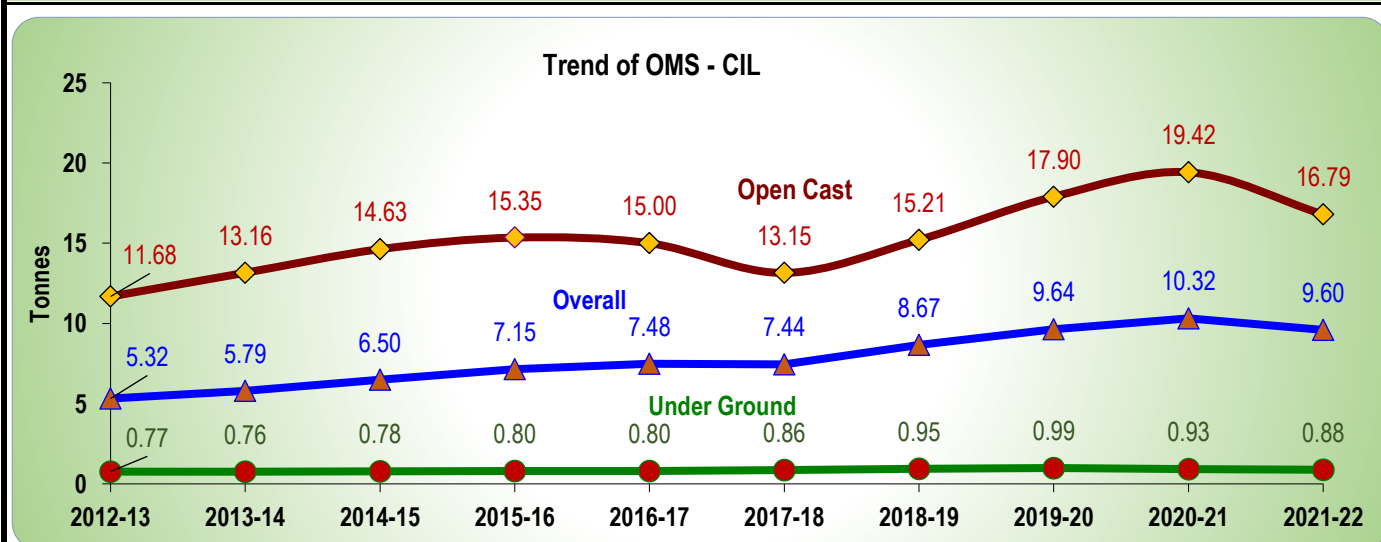
(Qty. in MT)

Company	2020-21						2021-22					
	Open Cast			Under Ground			Open Cast			Under Ground		
	Qty	Share (%)	Growth (%)	Qty	Share (%)	Growth (%)	Qty	Share (%)	Growth (%)	Qty	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECL	35.695	5.22	▼ 13.35%	9.309	28.90	▲ 1.12%	23.432	3.15	▼ 34.35%	8.996	27.11	▼ 3.36%
BCCL	24.048	3.52	▼ 9.89%	0.608	1.89	▼ 41.65%	29.705	3.99	▲ 23.52%	0.806	2.43	▲ 32.57%
CCL	62.166	9.09	▼ 6.07%	0.423	1.31	▼ 39.83%	68.091	9.14	▲ 9.53%	0.755	2.28	▲ 78.49%
NCL	115.042	16.82	▲ 6.47%				122.431	16.43	▲ 6.42%			
WCL	46.873	6.85	▼ 12.35%	3.402	10.56	▼ 18.22%	54.667	7.34	▲ 16.63%	3.041	9.16	▼ 10.61%
SECL	135.228	19.77	▲ 1.65%	12.176	37.80	▼ 13.58%	128.074	17.19	▼ 5.29%	11.527	34.74	▼ 5.33%
SECL (GP-IV/2&3)	3.202	0.47	▲ 20.42%				2.913	0.39	▼ 9.03%			
SECL(GP-IV/1)	0.000	0.00	▼ 100.00%									
MCL	147.478	21.57	▲ 5.70%	0.535	1.66	▼ 36.00%	167.667	22.51	▲ 13.69%	0.501	1.51	▼ 6.36%
NEC	0.036	0.01	▼ 93.04%				0.028	0.00	▼ 22.22%			
<b>CIL</b>	<b>569.768</b>	<b>83.32</b>	<b>▼ 0.41%</b>	<b>26.453</b>	<b>82.12</b>	<b>▼ 11.93%</b>	<b>597.008</b>	<b>80.13</b>	<b>▲ 4.78%</b>	<b>25.626</b>	<b>77.23</b>	<b>▼ 3.13%</b>
SCCL	46.065	6.74	▼ 16.79%	4.515	14.02	▼ 48.01%	58.764	7.89	▲ 27.57%	6.258	18.86	▲ 38.60%
JKML				0.010	0.03	▼ 28.57%				0.011	0.03	▲ 10.00%
DVC												
IISCO	0.099	0.01	▼ 66.33%	0.092	0.29	▼ 61.67%	0.016	0.00	▼ 83.84%	0.080	0.24	▼ 13.04%
JSMDCL	0.079	0.01	▲ 16.18%				0.050	0.01	▼ 36.71%			
RRVUNL	15.000	2.19	▲ 0.00%				15.000	2.01	▲ 0.00%			
SAIL							0.340	0.05	▲ 0.00%			
NTPC	11.005	1.61	▼ 1.31%				14.024	1.88	▲ 27.43%			
WBPDCL	6.258	0.92	▲ 196.31%				11.386	1.53	▲ 81.94%			
CSPGCL	1.502	0.22	▲ 194.51%				3.265	0.44	▲ 117.38%			
TSPGCL	2.023	0.30	▲ 21.94%				2.211	0.30	▲ 9.29%			
OCPL	2.001	0.29	▲ 99.50%				5.251	0.70	▲ 162.42%			
KPCL							1.258	0.17	▲ 0.00%			
DPL	0.067	0.01	▲ 100.00%				0.513	0.07	▲ 665.67%			
NLCIL	1.013	0.15	▲ 100.00%				6.358	0.85	▲ 527.64%			
<b>Total Public</b>	<b>654.880</b>	<b>95.76</b>	<b>▼ 0.66%</b>	<b>31.070</b>	<b>96.46</b>	<b>▼ 20.28%</b>	<b>715.444</b>	<b>96.03</b>	<b>▲ 9.25%</b>	<b>31.98</b>	<b>96.36</b>	<b>▲ 2.91%</b>
TSL	4.952	0.72	▼ 3.43%	0.901	2.80	▼ 16.73%	3.943	0.53	▼ 20.38%	0.737	2.22	▼ 18.20%
BALCO	0.002	0.00	▼ 99.80%				0.000	0.00	▼ 100.00%			
CESC	2.079	0.30	▲ 6.18%				1.637	0.22	▼ 21.26%			
GMR							0.000	0.00	▲ 0.00%			
HIL	0.308	0.05	▼ 46.25%				0.926	0.12	▲ 200.65%			
JPVL	2.800	0.41	▲ 0.00%				2.800	0.38	▲ 0.00%			
JPL							0.364	0.05	▲ 0.00%			
SIL		0.00	▲ 0.00%	0.068	0.21	▼ 74.81%	0.000	0.00	▲ 0.00%	0.166	0.50	▲ 144.12%
SPL	18.570	2.72	▼ 0.70%				18.039	2.42	▼ 2.86%			
RCCPL		0.00	▲ 0.00%	0.172	0.53	▼ 5.49%	0.000	0.00	▲ 0.00%	0.205	0.62	▲ 19.19%
BSIL							0.127	0.02	▲ 0.00%			
TUML	0.112	0.02	▼ 60.84%				0.241	0.03	▲ 115.18%			
UTCL										0.021	0.06	
OCL	0.000	0.00	▼ 100.00%				0.000	0.00	▲ 0.00%			
AMBUJA	0.169	0.02	▼ 57.75%				0.700	0.09	▲ 314.20%	0.079	0.24	
SEML							0.786	0.11	▲ 0.00%			
<b>Total Private</b>	<b>28.992</b>	<b>4.24</b>	<b>▼ 6.36%</b>	<b>1.141</b>	<b>3.54</b>	<b>▼ 32.49%</b>	<b>29.563</b>	<b>3.97</b>	<b>▲ 1.97%</b>	<b>1.208</b>	<b>3.64</b>	<b>▲ 5.87%</b>
<b>All India</b>	<b>683.872</b>	<b>100.00</b>	<b>▼ 0.92%</b>	<b>32.211</b>	<b>100.00</b>	<b>▼ 20.79%</b>	<b>745.007</b>	<b>100.00</b>	<b>▲ 8.94%</b>	<b>33.183</b>	<b>100.00</b>	<b>▲ 3.02%</b>

**Table 2.18 : Trend of 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)
2012-13	11.68	11.87	0.77	1.13	5.32	3.14
2013-14	13.16	11.10	0.76	1.12	5.79	3.86
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	6.77
2019-20	17.90	16.57	0.99	1.45	9.64	7.29
2020-21	19.42	13.86	0.93	0.92	10.32	5.62
2021-22	16.79	15.15	0.88	1.19	9.60	6.09



**Table 2.19: Company Wise Production, Manshifts & OMS (CIL & SCCL) by type of Mines in last Three Years**

Company	Type of Mines	2019-20			2020-21			2021-22		
		Production	Manshift	OMS	Production	Manshift	OMS	Production	Manshift	OMS
		(M.T.)	(Million)	(Tonnes)	(M.T.)	(Million)	(Tonnes)	(M.T.)	(Million)	(Tonnes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ECL	OC	41.195	2.373	17.36	35.695	2.322	15.37	23.432	2.273	10.31
BCCL	OC	26.687	3.953	6.75	24.048	3.236	7.43	29.705	3.889	7.64
CCL	OC	66.186	6.580	10.00	62.166	6.422	9.57	68.091	6.669	10.21
NCL	OC	108.053	4.496	24.03	115.042	3.680	28.95	122.431	4.383	27.94
WCL	OC	53.476	4.653	15.64	46.873	4.751	3.66	54.667	13.133	4.16
SECL	OC	133.035	4.496	29.59	135.228	4.198	32.96	128.074	4.189	30.57
SECL (GP-IV/2&3)	OC	2.659	0.039	68.18	3.202	0.046	69.61	2.913	0.053	55.05
SECL(GP-IV/1)	OC	0.762	0.024	31.75	0	0	0			
MCL	OC	139.522	5.218	26.74	147.478	4.578	33.92	167.667	0.889	40.38
NEC	OC	0.517	0.121	4.26	0.036	0.103	0.35	0.028	0.085	0.32
<b>CIL</b>	<b>OC</b>	<b>572.092</b>	<b>31.953</b>	<b>17.90</b>	<b>569.768</b>	<b>29.337</b>	<b>19.42</b>	<b>597.008</b>	<b>35.563</b>	<b>16.79</b>
<b>SCCL</b>	<b>OC</b>	<b>55.359</b>	<b>2.813</b>	<b>16.57</b>	<b>46.065</b>	<b>4.794</b>	<b>13.86</b>	<b>58.764</b>	<b>4.794</b>	<b>15.15</b>
ECL	UG	9.206	11.169	0.82	9.309	10.926	1.00	8.996	10.420	0.86
BCCL	UG	1.042	4.402	0.24	0.608	4.217	0.14	0.806	3.821	0.21
CCL	UG	0.703	1.300	0.54	0.423	1.065	0.44	0.755	0.646	1.17
NCL	UG									
WCL	UG	4.160	4.213	2.03	3.402	3.646	0.93	3.041	3.260	0.93
SECL	UG	14.090	8.360	1.70	12.176	7.645	1.58	11.527	7.048	1.64
SECL (GP-IV/2&3)	UG									
SECL(GP-IV/1)	UG									
MCL	UG	0.836	0.958	0.87	0.535	0.894	0.60	0.501	4.032	0.56
NEC	UG	0.000	0.076		0.000	0.062	0.00	0.000	0.050	0.00
<b>CIL</b>	<b>UG</b>	<b>30.037</b>	<b>30.478</b>	<b>0.99</b>	<b>26.453</b>	<b>28.455</b>	<b>0.93</b>	<b>25.626</b>	<b>29.277</b>	<b>0.88</b>
<b>SCCL</b>	<b>UG</b>	<b>8.685</b>	<b>5.970</b>	<b>1.45</b>	<b>4.515</b>	<b>2.646</b>	<b>0.92</b>	<b>6.258</b>	<b>2.646</b>	<b>1.19</b>
ECL	ALL	50.401	13.542	3.72	45.004	13.248	3.40	32.428	12.693	2.56
BCCL	ALL	27.729	8.355	6.99	24.656	7.453	3.31	30.511	7.710	3.96
CCL	ALL	66.889	7.880	8.49	62.589	7.487	8.49	68.846	7.315	9.41
NCL	ALL	108.053	4.496	24.03	115.042	3.680	28.95	122.431	4.383	27.94
WCL	ALL	57.636	8.866	17.67	50.275	8.397	17.67	57.708	16.393	17.67
SECL	ALL	147.125	12.856	11.44	147.404	11.843	11.44	139.601	11.237	12.42
SECL (GP-IV/2&3)	ALL	2.659	0.039	68.18	3.202	0.046	68.13	2.913	0.053	55.05
SECL(GP-IV/1)	ALL	0.762	0.024	31.75	0.000	0.000	0.00			
MCL	ALL	140.358	6.176	0.00	148.013	5.472	27.05	168.168	4.921	27.05
NEC	ALL	0.517	0.197	3.37	0.036	0.165	3.37	0.028	0.135	0.21
<b>CIL</b>	<b>ALL</b>	<b>602.129</b>	<b>62.431</b>	<b>9.64</b>	<b>596.221</b>	<b>57.791</b>	<b>10.32</b>	<b>622.634</b>	<b>64.840</b>	<b>9.60</b>
<b>SCCL</b>	<b>ALL</b>	<b>64.044</b>	<b>8.783</b>	<b>7.29</b>	<b>50.580</b>	<b>7.440</b>	<b>5.62</b>	<b>65.022</b>	<b>7.440</b>	<b>6.09</b>

**Table 2.20 : Company Wise Over Burden Removal(OBR) and Stripping Ratio in Revenue Mines in last Three Years**

(OBR in M.cum and prod. in MT)

Company	2019-20			2020-21			2021-22		
	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	140.455	41.195	3.41	139.585	35.695	3.91	118.989	23.432	5.08
BCCL	82.646	26.687	3.10	3.800	24.048	0.16	105.374	29.705	3.55
CCL	103.356	66.186	1.56	103.577	62.166	1.67	100.066	68.091	1.47
NCL	323.234	108.053	2.99	373.441	115.042	3.25	363.763	122.431	2.97
WCL	210.655	53.476	3.94	254.189	46.873	5.42	273.236	54.667	5.00
SECL	162.008	133.035	1.22	190.377	135.228	1.41	190.804	128.074	1.49
SECL (GP-IV/2&3)	2.372	2.659	0.89	5.993	3.202	1.87	6.079	2.913	2.09
SECL (GP-IV/1)	0.357	0.762	0.47	0.000	0.000	0.00			
MCL	124.514	139.522	0.89	173.150	147.478	1.17	206.883	167.667	1.23
NEC	4.730	0.517	9.15	0.619	0.036	17.19	0.355	0.028	12.68
<b>CIL</b>	<b>1154.327</b>	<b>572.092</b>	<b>2.02</b>	<b>1244.731</b>	<b>569.768</b>	<b>2.18</b>	<b>1365.549</b>	<b>597.008</b>	<b>2.29</b>
SCCL	348.979	55.359	6.30	322.554	46.065	7.00	383.399	58.764	6.52
JKML		0.000			0.000			0.000	
DVC		0.000			0.000			0.000	
IISCO	1.973	0.294	6.71	0.681	0.099	6.88	0.148	0.016	9.25
SAIL		0.000			0.000		0.995	0.340	2.93
JSMDCL	0.453	0.068	6.66	0.241	0.079	3.05	0.129	0.050	2.58
RRVUNL	39.370	15.000	2.62	31.497	15.000	2.10	45.148	15.000	3.01
NTPC	39.131	11.151	3.51	34.239	11.005	3.11	32.038	14.024	2.28
WBPDCL	10.167	2.112	4.81	21.428	6.258	3.42	32.188	11.386	2.83
CSPGCL	1.489	0.510	2.92	4.408	1.502	2.93	5.169	3.265	1.58
TSPGCL	29.752	1.659	17.93	30.469	2.023	15.06	30.107	2.211	13.62
OCPL	2.475	1.003	2.47	7.575	2.001	3.79	16.711	5.251	3.18
KPCL							8.804	1.258	7.00
DPL				0.671	0.067	10.01	2.417	0.513	4.71
NLCIL				4.901	1.013	4.84	2.325	6.358	0.37
<b>Total Public</b>	<b>1628.116</b>	<b>659.248</b>	<b>2.47</b>	<b>1703.395</b>	<b>654.880</b>	<b>2.60</b>	<b>1925.127</b>	<b>715.444</b>	<b>2.69</b>
TSL	18.449	5.128	3.60	19.527	4.952	3.94	19.613	3.943	4.97
HIL	5.573	0.573	9.73	4.726	0.308	15.34	5.028	0.926	5.43
SPL	74.612	18.700	3.99	72.189	18.570	3.89	68.414	18.039	3.79
CESC	5.160	1.958	2.64	4.385	2.079	2.11	2.176	1.637	1.33
GMR		0.000			0.000			0.000	
BALCO	4.918	1.000	4.92	0.181	0.002	90.50		0.000	
JPVL	15.753	2.800	5.63	17.964	2.800	6.42	21.987	2.800	7.85
JPL							0.779	0.364	2.14
TUML	1.973	0.286	6.90	0.832	0.112	7.43	1.198	0.241	4.97
RCCPL		0.000		0.000	0.000	0.00			
OCL	0.691	0.115	6.01	0.000	0.000	0.00			
AMBUJA	1.352	0.400	3.38	0.736	0.169	4.36	2.177	0.700	3.11
UTCL									
SEML							2.417	0.786	3.08
BSIL								0.127	3.08
<b>Total Private</b>	<b>128.481</b>	<b>30.960</b>	<b>4.15</b>	<b>120.540</b>	<b>28.992</b>	<b>4.16</b>	<b>123.789</b>	<b>29.563</b>	<b>4.19</b>
<b>All India</b>	<b>1756.597</b>	<b>690.208</b>	<b>2.55</b>	<b>1823.935</b>	<b>683.872</b>	<b>2.67</b>	<b>2048.916</b>	<b>745.007</b>	<b>2.75</b>

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

# SECTION III



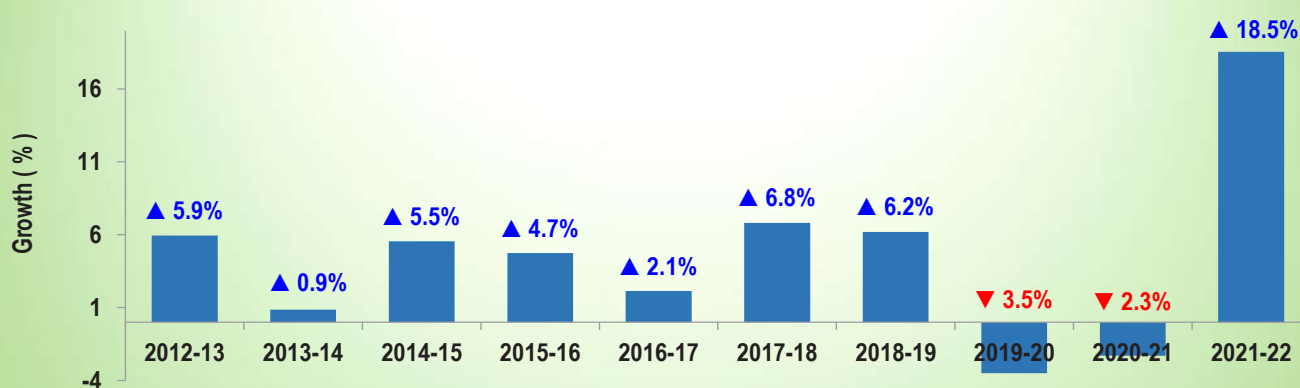
**DESPATCH &  
OFF TAKE**

Table 3.1: Trend of Despatch of Raw Coal and Lignite during last Ten Years

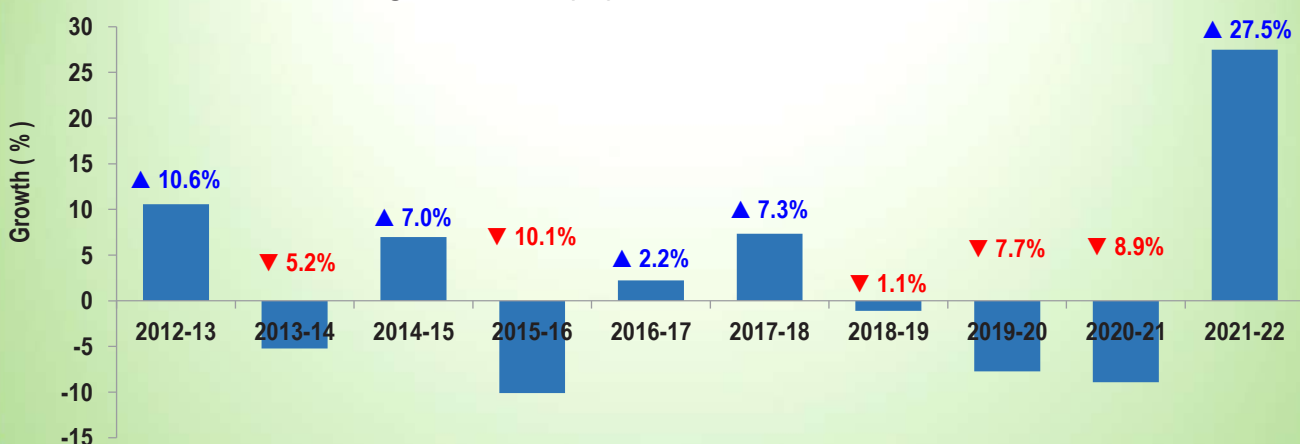
(Qty. in MT)

Year	Raw Coal			Lignite			Total Solid Fossil Fuel	
	Despatch	Share (%)	Growth Over Previous Year (%)	Despatch	Share (%)	Growth Over Previous Year (%)	Despatch	Growth Over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2012-13	567.136	92.45	▲ 5.9%	46.313	7.55	▲ 10.6%	613.449	▲ 6.3%
2013-14	572.060	92.87	▲ 0.9%	43.897	7.13	▼ 5.2%	615.957	▲ 0.4%
2014-15	603.772	92.78	▲ 5.5%	46.954	7.22	▲ 7.0%	650.726	▲ 5.6%
2015-16	632.442	93.74	▲ 4.7%	42.211	6.26	▼ 10.1%	674.653	▲ 3.7%
2016-17	645.978	93.74	▲ 2.1%	43.155	6.26	▲ 2.2%	689.133	▲ 2.1%
2017-18	690.003	93.71	▲ 6.8%	46.317	6.29	▲ 7.3%	736.320	▲ 6.8%
2018-19	732.794	94.12	▲ 6.2%	45.810	5.88	▼ 1.1%	778.604	▲ 5.7%
2019-20	707.176	94.36	▼ 3.5%	42.267	5.64	▼ 7.7%	749.443	▼ 3.7%
2020-21	690.884	94.72	▼ 2.3%	38.492	5.28	▼ 8.9%	729.376	▼ 2.7%
2021-22	818.997	94.35	▲ 18.5%	49.073	5.65	▲ 27.5%	868.070	▲ 19.0%

Raw Coal : Growth ( %) Over Previous Year



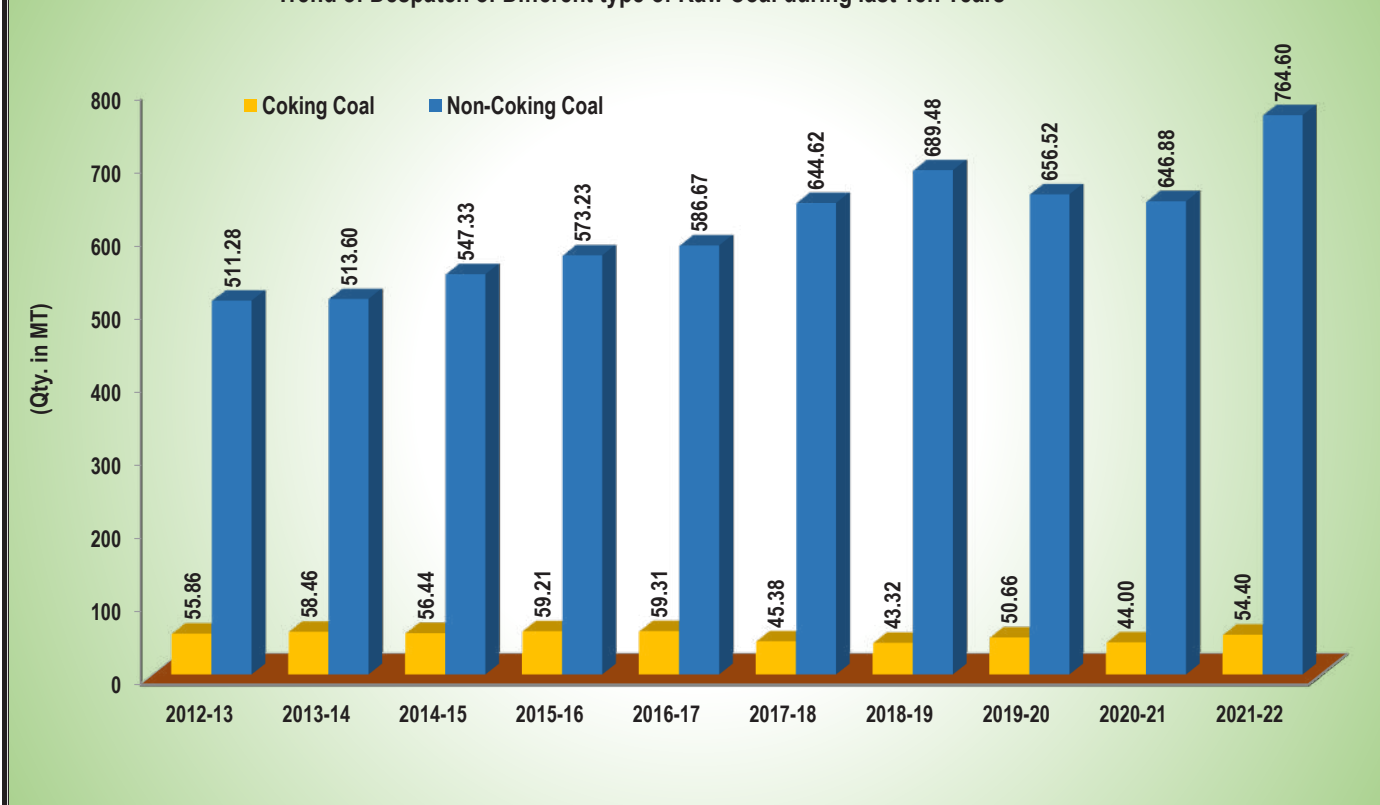
Lignite: Growth ( %) Over Previous Year



**Table 3.2: Trend of Despatch of different type of Raw Coal during last Ten Years**

(Qty. in MT)

Year	Coking Coal									Non-Coking Coal			Total Raw Coal	
	Metallurgical Coal			Non-Metallurgical Coal			Total Coking Coal			Despatch	Share in Total Raw Coal (%)	Growth over Previous Year (%)	Despatch	Growth over Previous Year (%)
	Despatch	Share in Coking Coal (%)	Growth over Previous Year (%)	Despatch	Share in Coking Coal (%)	Growth over Previous Year (%)	Despatch	Share in Total Raw Coal (%)	Growth over Previous Year (%)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2012-13	14.799	26.49	▼ 6.9%	41.060	73.51	▲ 14.6%	55.859	9.85	▲ 8.0%	511.277	90.15	▲ 5.7%	567.136	▲ 5.9%
2013-14	15.236	26.06	▲ 3.0%	43.228	73.94	▲ 5.3%	58.464	10.22	▲ 4.7%	513.596	89.78	▲ 0.5%	572.060	▲ 0.9%
2014-15	13.264	23.50	▼ 12.9%	43.174	76.50	▼ 0.1%	56.438	9.35	▼ 3.5%	547.334	90.65	▲ 6.6%	603.772	▲ 5.5%
2015-16	13.866	23.42	▲ 4.5%	45.347	76.58	▲ 5.0%	59.213	9.36	▲ 4.9%	573.229	90.64	▲ 4.7%	632.442	▲ 4.7%
2016-17	14.039	23.67	▲ 1.2%	45.269	76.33	▼ 0.2%	59.308	9.18	▲ 0.2%	586.670	90.82	▲ 2.3%	645.978	▲ 2.1%
2017-18	34.199	75.36	▲ 143.6%	11.181	24.64	▼ 75.3%	45.380	6.58	▼ 23.5%	644.623	93.42	▲ 9.9%	690.003	▲ 6.8%
2018-19	35.255	81.39	▲ 3.1%	8.063	18.61	▼ 27.9%	43.318	5.91	▼ 4.5%	689.476	94.09	▲ 7.0%	732.794	▲ 6.2%
2019-20	34.784	68.67	▼ 1.3%	15.872	31.33	▲ 96.8%	50.656	7.16	▲ 16.9%	656.520	92.84	▼ 4.8%	707.176	▼ 3.5%
2020-21	29.569	67.20	▼ 15.0%	14.431	32.80	▼ 9.1%	44.000	6.37	▼ 13.1%	646.884	93.63	▼ 1.5%	690.884	▼ 2.3%
2021-22	36.872	67.78	▲ 24.7%	17.530	32.22	▲ 21.5%	54.402	6.64	▲ 23.6%	764.595	93.36	▲ 18.2%	818.997	▲ 18.5%

**Trend of Despatch of Different type of Raw Coal during last Ten Years**


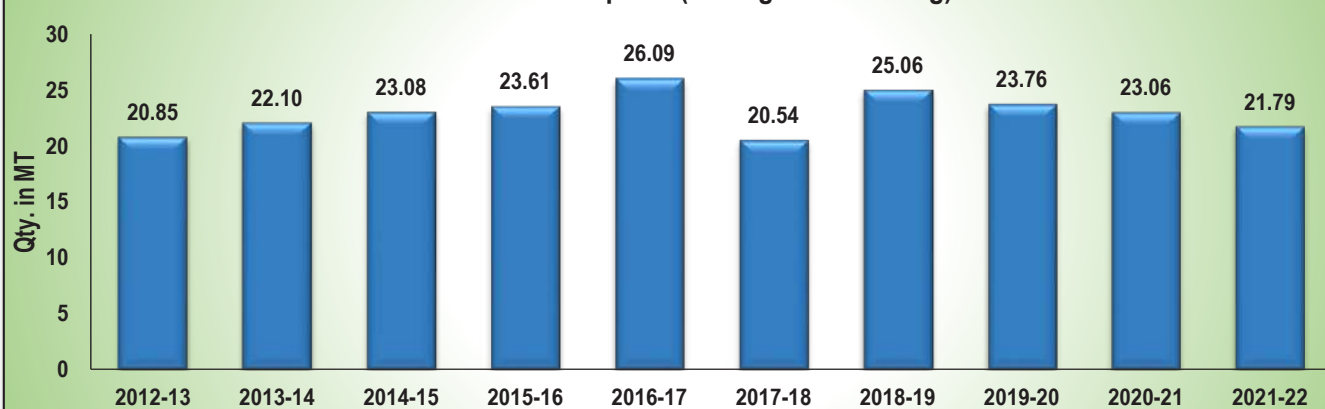
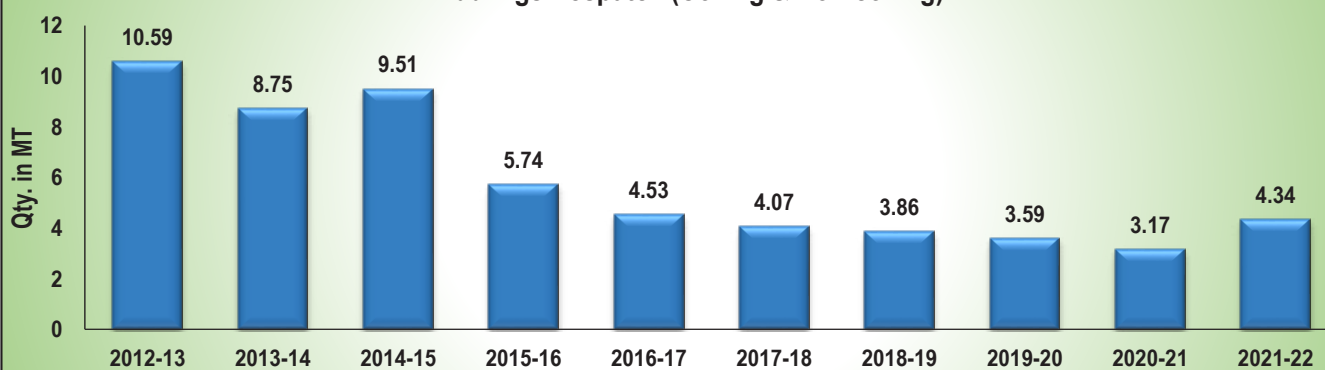
Note: The huge growth (143.60%) of Metallurgical Coal in 2017-18 over the previous year was due to BCCL's contribution of 24.165 million tonnes.



**Table 3.3: Trend of Despatch of different types of Coal Products in last Ten Years**

(Qty. in MT)

Year	Washed Coal (Coking)		Washed Coal (Non-Coking)		Middlings (Coking)		Middlings (Non-Coking)	
	Despatch	Growth over Previous Year (%)	Despatch	Growth over Previous Year (%)	Despatch	Growth over Previous Year (%)	Despatch	Growth over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2012-13	6.614	▲ 1.3%	14.237	▼ 9.6%	5.403	▲ 42.1%	5.184	▲ 46.2%
2013-14	6.645	▲ 0.5%	15.454	▲ 8.5%	4.894	▼ 9.4%	3.854	▼ 25.7%
2014-15	6.080	▼ 8.5%	16.998	▲ 10.0%	5.012	▲ 2.4%	4.493	▲ 16.6%
2015-16	6.068	▼ 0.2%	17.544	▲ 3.2%	5.735	▲ 14.4%	0.000	-
2016-17	6.515	▲ 7.4%	19.579	▲ 11.6%	4.525	▼ 21.1%	0.000	-
2017-18	5.778	▼ 11.3%	14.763	▼ 24.6%	4.071	▼ 10.0%	0.000	-
2018-19	5.551	▼ 3.9%	19.513	▲ 32.2%	3.856	▼ 5.3%	0.000	-
2019-20	5.305	▼ 4.4%	18.456	▼ 5.4%	3.591	▼ 6.9%	0.000	-
2020-21	4.458	▼ 16.0%	18.600	▲ 0.8%	3.168	▼ 11.8%	0.006	▲ 100.0%
2021-22	4.733	▲ 6.2%	17.055	▼ 8.3%	2.870	▼ 9.4%	1.465	▲ 24316.7%

**Washed Coal Despatch (Coking & Non-coking)**

**Middlings Despatch (Coking & Non-coking)**


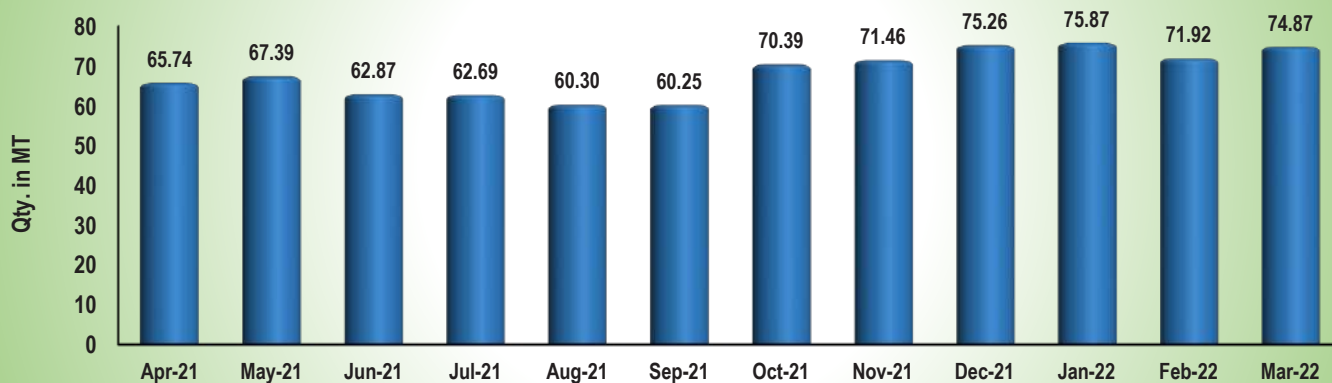
- Note:
1. The above figures relates to Washeries (public & private) of only coal producing companies.
  2. Data of Hard Coke relate to steel plants only. There are Private sector, specially in small scale sector, data of which are not readily available.

**Table 3.4 : Monthly Despatch of different types of Raw Coal and Lignite during 2021-22**

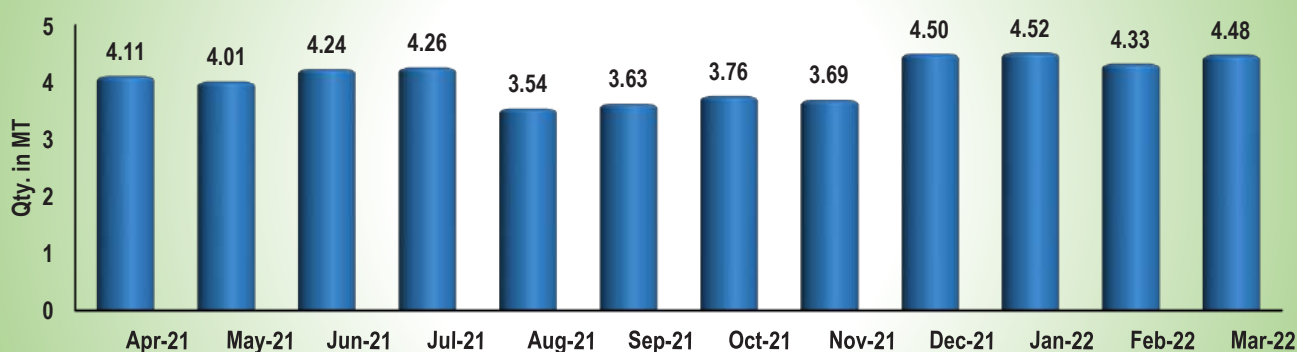
(Qty. in MT)

Month	Coking Coal			Non Coking Coal			Raw Coal			Lignite		
	Despatch	Growth %	Share %	Despatch	Growth %	Share %	Despatch	Growth %	Share %	Despatch	Growth %	Share %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-21	4.274	▲ 93.0%	7.86	61.463	▲ 39.5%	8.04	65.737	▲ 42.1%	8.03	4.109	▲ 21.4%	8.37
May-21	4.500	▲ 66.1%	8.27	62.885	▲ 38.0%	8.22	67.385	▲ 39.5%	8.23	4.014	▲ 10.3%	8.18
Jun-21	4.093	▲ 29.7%	7.52	58.772	▲ 26.1%	7.69	62.865	▲ 26.3%	7.68	4.237	▲ 23.9%	8.63
<b>1<sup>st</sup> Quarter</b>	<b>12.867</b>	<b>▲ 59.2%</b>	<b>23.65</b>	<b>183.120</b>	<b>▲ 34.4%</b>	<b>23.95</b>	<b>195.987</b>	<b>▲ 35.8%</b>	<b>23.93</b>	<b>12.360</b>	<b>▲ 18.3%</b>	<b>25.19</b>
Jul-21	4.291	▲ 12.8%	7.89	58.400	▲ 22.2%	7.64	62.691	▲ 21.5%	7.65	4.261	▲ 77.5%	8.68
Aug-21	4.441	▲ 1.8%	8.16	55.862	▲ 17.2%	7.31	60.303	▲ 15.9%	7.36	3.542	▲ 70.3%	7.22
Sep-21	4.282	▼ 0.0%	7.87	55.970	▲ 10.8%	7.32	60.252	▲ 9.9%	7.36	3.630	▲ 52.3%	7.40
<b>2<sup>nd</sup> Quarter</b>	<b>13.014</b>	<b>▲ 4.5%</b>	<b>23.92</b>	<b>170.232</b>	<b>▲ 16.6%</b>	<b>22.26</b>	<b>183.246</b>	<b>▲ 15.6%</b>	<b>22.37</b>	<b>11.433</b>	<b>▲ 66.5%</b>	<b>23.30</b>
Oct-21	4.068	▼ 0.6%	7.48	66.320	▲ 18.2%	8.67	70.388	▲ 17.0%	8.59	3.760	▲ 42.9%	7.66
Nov-21	4.148	▲ 6.0%	7.62	67.309	▲ 15.7%	8.80	71.457	▲ 15.1%	8.72	3.694	▲ 17.0%	7.53
Dec-21	4.632	▲ 30.3%	8.51	70.629	▲ 15.8%	9.24	75.261	▲ 16.6%	9.19	4.501	▲ 34.4%	9.17
<b>3<sup>rd</sup> Quarter</b>	<b>12.848</b>	<b>▲ 11.2%</b>	<b>23.62</b>	<b>204.258</b>	<b>▲ 16.5%</b>	<b>26.71</b>	<b>217.106</b>	<b>▲ 16.2%</b>	<b>26.51</b>	<b>11.955</b>	<b>▲ 30.8%</b>	<b>24.36</b>
Jan-22	4.897	▲ 51.0%	9.00	70.974	▲ 13.8%	9.28	75.871	▲ 15.6%	9.26	4.519	▲ 17.7%	9.21
Feb-22	4.877	▲ 38.5%	8.96	67.041	▲ 13.3%	8.77	71.918	▲ 14.7%	8.78	4.325	▲ 13.0%	8.81
Mar-22	5.899	▲ 14.6%	10.84	68.970	▲ 1.7%	9.02	74.869	▲ 2.6%	9.14	4.481	▲ 2.4%	9.13
<b>4<sup>th</sup> Quarter</b>	<b>15.673</b>	<b>▲ 31.6%</b>	<b>28.81</b>	<b>206.985</b>	<b>▲ 9.3%</b>	<b>27.07</b>	<b>222.658</b>	<b>▲ 10.6%</b>	<b>27.19</b>	<b>13.325</b>	<b>▲ 10.6%</b>	<b>27.15</b>
<b>Total</b>	<b>54.402</b>	<b>▲ 23.6%</b>	<b>100.00</b>	<b>764.595</b>	<b>▲ 18.2%</b>	<b>100.00</b>	<b>818.997</b>	<b>▲ 18.5%</b>	<b>100.00</b>	<b>49.073</b>	<b>▲ 27.5%</b>	<b>100.00</b>

**Month Wise Despatch of Raw Coal in 2021-22**



**Monthly Despatch of Lignite in 2021-22**



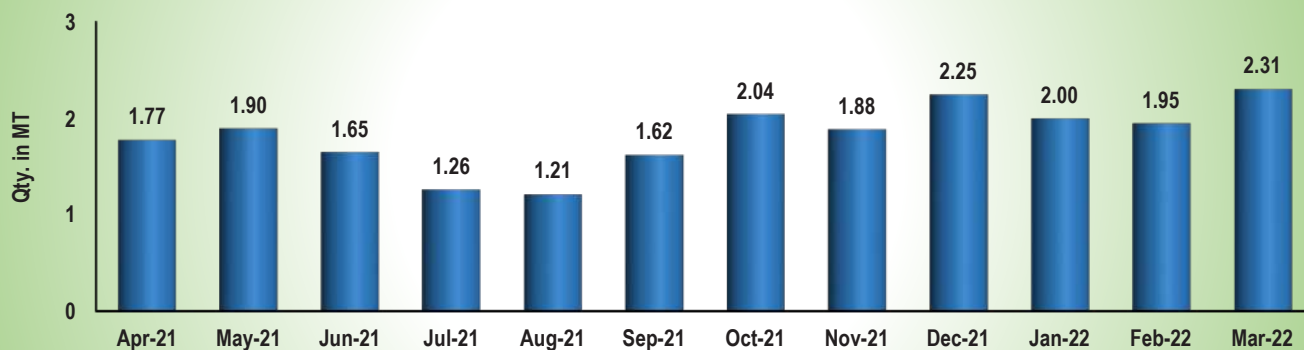
\*Note: Growth figures are calculated on year on year basis

**Table 3.5: Monthly Despatch of different types of Coal Products during 2021-22**

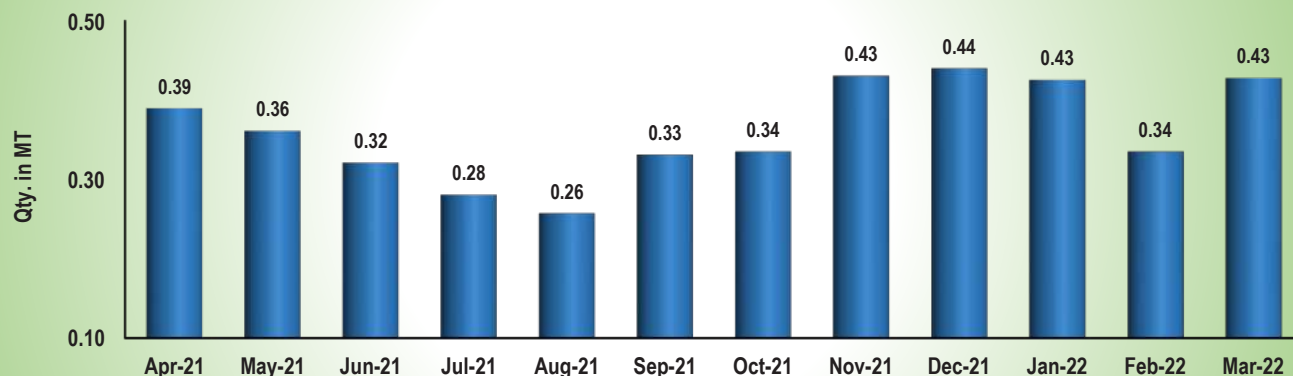
(Qty. in MT)

Month	Washed Coal (Coking)			Washed Coal(Non-Coking)			Middlings (Coking)			Middlings (Non-Coking)		
	Despatch	Growth %	Share %	Despatch	Growth %	Share %	Despatch	Growth %	Share %	Despatch	Growth %	Share %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-21	0.321	▼ 12.1%	6.78	1.453	▲ 62.3%	8.50	0.250	▲ 25.6%	8.71	0.140	▲ 0.0%	10
May-21	0.362	▼ 11.7%	7.65	1.534	▲ 44.3%	8.97	0.252	▲ 22.9%	8.78	0.109	▲ 5350.0%	7
Jun-21	0.324	▼ 17.8%	6.85	1.322	▲ 25.0%	7.73	0.239	▼ 5.9%	8.33	0.082	▲ 8100.0%	6
<b>1<sup>st</sup> Quarter</b>	<b>1.007</b>	<b>▼ 13.9%</b>	<b>21.28</b>	<b>4.309</b>	<b>▲ 42.9%</b>	<b>25.21</b>	<b>0.741</b>	<b>▲ 12.6%</b>	<b>25.82</b>	<b>0.331</b>	<b>▲ 10933.3%</b>	<b>23</b>
Jul-21	0.384	▲ 7.9%	8.11	0.876	▼ 47.5%	5.12	0.203	▼ 12.1%	7.07	0.078	▲ 3800.0%	5
Aug-21	0.388	▼ 1.0%	8.20	0.823	▼ 48.4%	4.81	0.190	▼ 35.2%	6.62	0.067	▲ 6600.0%	5
Sep-21	0.406	▲ 3.3%	8.58	1.212	▼ 15.3%	7.09	0.234	▼ 24.3%	8.15	0.097	▲ 0.0%	7
<b>2<sup>nd</sup> Quarter</b>	<b>1.178</b>	<b>▲ 3.2%</b>	<b>24.89</b>	<b>2.911</b>	<b>▼ 38.0%</b>	<b>17.03</b>	<b>0.627</b>	<b>▼ 24.7%</b>	<b>21.85</b>	<b>0.242</b>	<b>▲ 7966.7%</b>	<b>17</b>
Oct-21	0.412	▲ 13.5%	8.70	1.631	▲ 1.4%	9.54	0.206	▼ 28.2%	7.18	0.129	▲ 0.0%	9
Nov-21	0.393	▲ 8.0%	8.30	1.491	▼ 15.6%	8.72	0.277	▼ 20.9%	9.65	0.154	▲ 0.0%	11
Dec-21	0.441	▲ 16.7%	9.32	1.804	▼ 9.0%	10.55	0.306	▲ 31.3%	10.66	0.134	▲ 0.0%	9
<b>3<sup>rd</sup> Quarter</b>	<b>1.246</b>	<b>▲ 12.8%</b>	<b>26.33</b>	<b>4.926</b>	<b>▼ 8.0%</b>	<b>28.82</b>	<b>0.789</b>	<b>▼ 9.3%</b>	<b>27.49</b>	<b>0.417</b>	<b>▲ 0.0%</b>	<b>28</b>
Jan-22	0.440	▲ 23.2%	9.30	1.556	▼ 2.9%	9.10	0.255	▲ 8.1%	8.89	0.171	▲ 0.0%	12
Feb-22	0.413	▲ 23.7%	8.73	1.535	▼ 18.4%	8.98	0.217	▼ 5.7%	7.56	0.118	▲ 0.0%	8
Mar-22	0.449	▲ 27.6%	9.49	1.857	▼ 9.5%	10.86	0.241	▼ 29.3%	8.40	0.187	▲ 0.0%	13
<b>4<sup>th</sup> Quarter</b>	<b>1.302</b>	<b>▲ 24.8%</b>	<b>27.51</b>	<b>4.948</b>	<b>▼ 10.6%</b>	<b>28.95</b>	<b>0.713</b>	<b>▼ 11.6%</b>	<b>24.84</b>	<b>0.476</b>	<b>▲ 0.0%</b>	<b>32</b>
<b>Total</b>	<b>4.733</b>	<b>▲ 6.2%</b>	<b>100.00</b>	<b>17.094</b>	<b>▼ 8.1%</b>	<b>100.00</b>	<b>2.870</b>	<b>▼ 9.4%</b>	<b>100.00</b>	<b>1.466</b>	<b>▲ 24333.3%</b>	<b>100</b>

**Month Wise Despatch of Washed Coal (Coking & Non-coking) in 2021-22**



**Month Wise Despatch of Middlings (Coking & Non-coking) in 2021-22**



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

Table 3.6 : Share of Raw Coal Despatch by States during last Ten Years

(Qty. in MT)

Year	Arunachal Pradesh			Assam			Chhattisgarh		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2012-13	0.055	0.01	▼ 82.92%	0.618	0.11	▼ 22.75%	121.058	21.35	▲ 5.63%
2013-14	0	-	-	0.577	0.10	▼ 6.63%	124.674	21.79	▲ 2.99%
2014-15	0	-	-	0.733	0.12	▲ 27.04%	129.392	21.43	▲ 3.78%
2015-16	0	-	-	0.342	0.05	▼ 53.34%	132.040	20.88	▲ 2.05%
2016-17	0	-	-	0.777	0.12	▲ 127.19%	135.268	20.94	▲ 2.44%
2017-18	0	-	-	0.895	0.13	▲ 15.19%	146.656	21.25	▲ 8.42%
2018-19	0	-	-	0.754	0.10	▼ 15.75%	159.984	21.83	▲ 9.09%
2019-20	0	-	-	0.562	0.10	▼ 25.46%	147.076	20.80	▼ 8.07%
2020-21	0	-	-	0.090	0.10	▼ 83.99%	146.253	21.17	▼ 0.56%
2021-22	0	-	-	0.000	0.10	▼ 100.00%	166.429	20.32	▲ 13.80%
Year	Jammu & Kashmir			Jharkhand			Madhya Pradesh		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2012-13	0.014	0.00	▼ 39.13%	119.276	21.03	▲ 8.64%	60.411	10.65	▼ 13.15%
2013-14	0.013	0.00	▼ 7.14%	116.798	20.42	▼ 2.08%	63.096	11.03	▲ 4.44%
2014-15	0.013	0.00	▲ 0.00%	122.044	20.21	▲ 4.49%	74.243	12.30	▲ 17.67%
2015-16	0.012	0.00	▼ 7.69%	118.072	18.67	▼ 3.25%	85.205	13.47	▲ 14.77%
2016-17	0.011	0.00	▼ 8.33%	120.739	18.69	▲ 2.26%	87.743	13.58	▲ 2.98%
2017-18	0.021	0.00	▲ 90.91%	126.564	18.34	▲ 4.82%	119.930	17.38	▲ 36.68%
2018-19	0.016	0.00	▼ 23.81%	136.061	18.57	▲ 7.50%	103.404	14.11	▼ 13.78%
2019-20	0.010	0.00	▼ 37.50%	132.418	18.72	▼ 2.68%	109.283	15.45	▲ 5.69%
2020-21	0.008	0.00	▼ 20.00%	122.238	17.69	▼ 7.69%	105.384	15.25	▼ 3.57%
2021-22	0.018	0.00	▲ 125.00%	138.559	16.92	▲ 13.35%	115.332	14.08	▲ 9.44%
Year	Maharashtra			Meghalaya			Odisha		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2012-13	38.316	6.76	▲ 0.55%	5.640	0.99	▼ 27.77%	114.213	20.14	▲ 8.96%
2013-14	37.205	6.50	▼ 2.90%	5.732	1.00	▲ 1.61%	116.795	20.42	▲ 2.26%
2014-15	38.553	6.39	▲ 3.62%	2.524	0.42	▼ 127.10%	125.382	20.77	▲ 7.35%
2015-16	36.444	5.76	▼ 5.47%	3.712	0.59	▲ 32.00%	140.639	22.24	▲ 12.17%
2016-17	34.954	5.41	▼ 4.09%	2.308	0.36	▼ 60.83%	143.287	22.18	▲ 1.88%
2017-18	44.070	6.39	▲ 26.08%	1.529	0.22	▼ 50.95%	138.538	20.08	▼ 3.31%
2018-19	51.793	7.07	▲ 17.52%	0	0	▲ 0.00%	142.464	19.44	▲ 2.83%
2019-20	50.008	7.07	▼ 3.45%	0	0	▲ 0.00%	135.878	19.21	▼ 4.62%
2020-21	46.571	6.74	▼ 6.87%	0	0	▲ 0.00%	151.911	21.99	▲ 11.80%
2021-22	62.755	7.66	▲ 34.75%	0	0	▲ 0.00%	193.423	23.62	▲ 27.33%

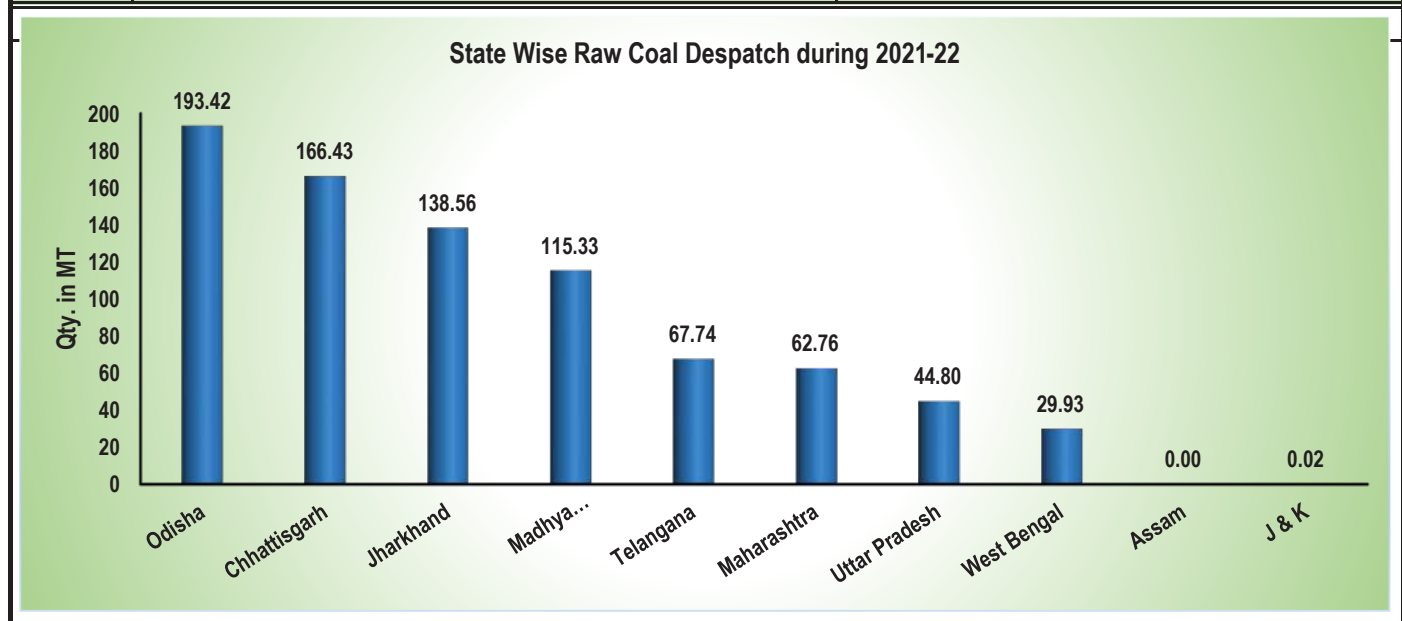
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Table 3.6 : Share of Raw Coal Despatch by States during last Ten Years

(Qty. in MT)

Year	Telangana			Uttar Pradesh			West Bengal		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
2012-13	52.025	9.17	▲ 1.24%	28.824	5.08	▲ 86.36%	26.686	4.71	▲ 15.01%
2013-14	47.892	8.37	▼ 7.94%	30.807	5.39	▲ 6.88%	28.471	4.98	▲ 6.69%
2014-15	52.662	8.72	▲ 9.96%	29.021	4.81	▼ 5.80%	29.205	4.84	▲ 2.58%
2015-16	58.687	9.28	▲ 11.44%	31.815	5.03	▲ 9.63%	25.474	4.03	▼ 12.78%
2016-17	60.791	9.41	▲ 3.59%	33.006	5.11	▲ 3.74%	27.094	4.19	▲ 6.36%
2017-18	64.623	9.37	▲ 6.30%	17.227	2.50	▼ 47.81%	29.950	4.34	▲ 10.54%
2018-19	68.426	9.34	▲ 5.88%	36.654	5.00	▲ 112.77%	33.238	4.54	▲ 10.98%
2019-20	64.122	9.07	▼ 6.29%	34.775	4.92	▼ 5.13%	33.044	4.67	▼ 0.58%
2020-21	50.533	7.31	▼ 21.19%	38.355	5.55	▲ 10.29%	29.541	4.28	▼ 10.60%
2021-22	67.743	8.27	▲ 34.06%	44.804	5.47	▲ 16.81%	29.934	3.65	▲ 1.33%

Year	All India	
	Quantity	Growth(%)
(41)	(42)	(43)
2012-13	567.136	▲ 5.9%
2013-14	572.060	▲ 0.9%
2014-15	603.772	▲ 5.5%
2015-16	632.442	▲ 4.7%
2016-17	645.978	▲ 2.1%
2017-18	690.003	▲ 6.8%
2018-19	732.794	▲ 6.2%
2019-20	707.176	▼ 3.5%
2020-21	690.884	▼ 2.3%
2021-22	818.997	▲ 18.5%



**Table 3.7 : Share of Lignite Despatch by States 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)
2012-13	24.312	52.49	▼ 0.65%	14.670	31.68	▲ 1.54%	7.331	15.83	▲ 147.42%
2013-14	24.438	55.67	▲ 0.52%	11.831	26.95	▼ 19.35%	7.628	17.38	▲ 4.05%
2014-15	24.088	51.30	▼ 1.43%	12.362	26.33	▲ 4.49%	10.504	22.37	▲ 37.70%
2015-16	22.493	53.29	▼ 6.62%	10.135	24.01	▼ 18.01%	9.583	22.70	▼ 8.77%
2016-17	24.165	56.00	▲ 7.43%	10.545	24.44	▲ 4.05%	8.445	19.57	▼ 11.88%
2017-18	23.398	50.52	▼ 3.17%	13.779	29.75	▲ 30.67%	9.140	19.73	▲ 8.23%
2018-19	24.510	53.50	▲ 4.75%	12.555	27.41	▼ 8.88%	8.746	19.09	▼ 4.31%
2019-20	23.775	56.25	▼ 3.00%	10.354	24.50	▼ 17.53%	8.138	19.25	▼ 6.95%
2020-21	18.516	48.10	▼ 22.12%	10.819	28.11	▲ 4.49%	9.157	23.79	▲ 12.52%
2021-22	25.454	51.87	▲ 37.47%	13.385	27.28	▲ 23.72%	10.234	20.85	▲ 11.76%

Year	All India	
	Quantity	Growth(%)
(11)	(12)	(13)
2012-13	46.313	▲ 10.6%
2013-14	43.897	▼ 5.2%
2014-15	46.954	▲ 7.0%
2015-16	42.211	▼ 10.1%
2016-17	43.155	▲ 2.2%
2017-18	46.317	▲ 7.3%
2018-19	45.811	▼ 1.1%
2019-20	42.267	▼ 7.7%
2020-21	38.492	▼ 8.9%
2021-22	49.073	▲ 27.5%

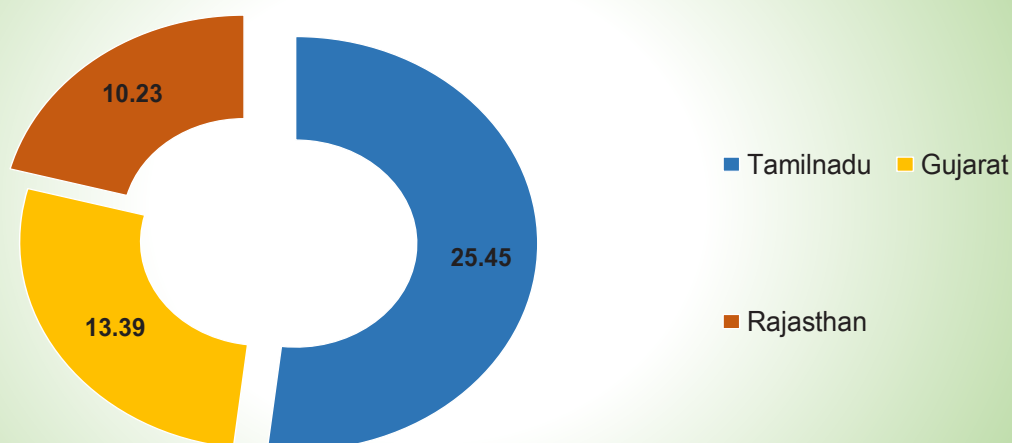
**State Wise Despatch of Lignite in 2021-22**  
 (Qty. in MT)


Table 3.8 : Trend of Company Wise Despatch of Coal &amp; Lignite during last Three Years

(Qty. in MT)

Company	2019-20			2020-21			2021-22		
	Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>COAL</b>									
ECL	0.027	49.108	49.135	0.018	41.844	41.862	0.015	35.905	35.920
BCCL	25.973	2.698	28.671	22.112	1.057	23.169	30.555	1.745	32.300
CCL	17.804	49.528	67.332	15.473	49.927	65.400	18.327	53.488	71.815
NCL		107.423	107.423		108.644	108.644		125.662	125.662
WCL	0.177	52.399	52.576	0.184	49.504	49.688	0.156	64.007	64.163
SECL	0.169	138.049	138.218	0.271	135.256	135.527	0.244	152.552	152.796
SECL(GP-IV/2&3)		2.888	2.888		3.241	3.241		2.713	2.713
SECL(GP-IV/1)		0.821	0.821		0.000	0.000			0.000
MCL		134.014	134.014		146.007	146.007		176.156	176.156
NEC		0.562	0.562		0.090	0.090		0.000	0.000
<b>Total CIL</b>	<b>44.150</b>	<b>537.490</b>	<b>581.640</b>	<b>38.058</b>	<b>535.570</b>	<b>573.628</b>	<b>49.297</b>	<b>612.228</b>	<b>661.525</b>
SCCL		62.465	62.465		48.513	48.513		65.533	65.533
JKML		0.010	0.010		0.008	0.008		0.018	0.018
JSMDCL		0.064	0.064		0.069	0.069		0.054	0.054
DVC			0.000			0.000		0.000	0.000
IISCO	0.300	0.234	0.534	0.092	0.100	0.192	0.080	0.024	0.104
SAIL			0.000			0.000	0.340	0.000	0.340
RRVUNL		15.000	15.000		15.000	15.000		15.000	15.000
NTPC		10.696	10.696		10.939	10.939		14.699	14.699
WBPDCL		1.927	1.927		6.588	6.588		11.760	11.760
CSPGCL		0.018	0.018		1.660	1.660		3.526	3.526
TSPGCL		1.657	1.657		2.020	2.020		2.210	2.210
OCPL		0.515	0.515		1.804	1.804		5.562	5.562
DPL			0.000		0.024	0.024		0.536	0.536
NLCIL			0.000		0.700	0.700		6.369	6.369
KPCL								1.217	1.217
<b>Total Public</b>	<b>44.450</b>	<b>630.076</b>	<b>674.526</b>	<b>38.150</b>	<b>622.995</b>	<b>661.145</b>	<b>49.717</b>	<b>738.736</b>	<b>788.453</b>
TSL	6.206	0.000	6.206	5.850	0.000	5.850	4.685	0.000	4.685
MEGHALAYA		0.000	0.000		0.000	0.000		0.000	0.000
HIL		0.909	0.909		0.317	0.317		0.986	0.986
SPL		18.783	18.783		18.067	18.067		18.193	18.193
SIL		0.224	0.224		0.100	0.100		0.165	0.165
CESC		1.887	1.887		1.963	1.963		1.677	1.677
GMR		0.000	0.000		0.000	0.000		0.000	0.000
BALCO		0.874	0.874		0.231	0.231		0.000	0.000
JPVL		2.800	2.800		2.801	2.801		2.800	2.800
JPL								0.286	0.286
RCCPL		0.182	0.182		0.173	0.173		0.205	0.205
TUML		0.284	0.284		0.113	0.113		0.197	0.197
AMBUJA		0.386	0.386		0.124	0.124		0.828	0.828
OCL		0.115	0.115		0.000	0.000		0.000	0.000
SEML								0.396	0.396
BSIL								0.108	0.108
UTCL								0.018	0.018
<b>Total Private</b>	<b>6.206</b>	<b>26.444</b>	<b>32.650</b>	<b>5.850</b>	<b>23.889</b>	<b>29.739</b>	<b>4.685</b>	<b>25.859</b>	<b>30.544</b>
<b>All India</b>	<b>50.656</b>	<b>656.520</b>	<b>707.176</b>	<b>44.000</b>	<b>646.884</b>	<b>690.884</b>	<b>54.402</b>	<b>764.595</b>	<b>818.997</b>
<b>LIGNITE :</b>									
NLC			25.123			19.753			26.931
GMDCL			6.957			6.004			8.554
GIPCL			3.342			3.507			2.910
GPCL						1.272			1.852
RSMMML			0.790			0.830			1.981
GHCL			0.055			0.036			0.069
VSLPPL			0.697			0.927			0.980
BLMCL			5.303			6.163			5.796
<b>All India</b>			<b>42.267</b>			<b>38.492</b>			<b>49.073</b>
<b>Total Coal &amp; Lignite</b>			<b>749.443</b>			<b>729.376</b>			<b>868.070</b>

**Table 3.9 : State Wise and Company Wise Despatch of Raw Coal by type in last Three Years**

(Qty. in MT)

State	Company	2019-20			2020-21			2021-22			
		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		0.562	0.562		0.090	0.090		0.000	0.000	
Chhattisgarh	SECL	0.169	126.255	126.424	0.271	124.532	124.803	0.244	142.389	142.633	
	SECL(GP-IV/2&3)		2.888	2.888		3.241	3.241		2.713	2.713	
	SECL(GP-IV/1)		0.821	0.821		0.000	0.000			0.000	
	RRVUNL		15.000	15.000		15.000	15.000		15.000	15.000	
	CSPGCL		0.018	0.018		1.660	1.660		3.526	3.526	
	NTPC		0.000	0.000		0.901	0.901		0.484	0.484	
	HIL_GP_IV/4			0.530	0.530		0.292	0.292		0.563	0.563
	HIL_GP_IV/5			0.135	0.135		0.001	0.001		0.000	0.000
	BALCO			0.874	0.874		0.231	0.231		0.000	0.000
	AMBUJA			0.386	0.386		0.124	0.124		0.828	0.828
	JPL									0.286	0.286
	SEML									0.396	0.396
<b>TOTAL</b>		<b>0.169</b>	<b>146.907</b>	<b>147.076</b>	<b>0.271</b>	<b>145.982</b>	<b>146.253</b>	<b>0.244</b>	<b>166.185</b>	<b>166.429</b>	
Jammu & Kashmir	JKML		0.010	0.010		0.008	0.008		0.018	0.018	
Jharkhand	ECL	0.027	20.553	20.580	0.018	16.716	16.734	0.015	11.221	11.236	
	BCCL	25.679	2.551	28.230	22.112	1.040	23.152	30.455	1.669	32.124	
	CCL	17.804	49.528	67.332	15.473	49.927	65.400	18.327	53.488	71.815	
	JSMDC		0.064	0.064		0.069	0.069		0.054	0.054	
	DVC			0.000			0.000		0.000	0.000	
	IISCO	0.300		0.300	0.092		0.092	0.080		0.080	
	SAIL			0.000			0.000	0.340		0.340	
	NTPC		9.462	9.462		6.638	6.638		8.879	8.879	
	WBPDC					4.279	4.279		8.923	8.923	
	TSL	6.206		6.206	5.850		5.850	4.685		4.685	
	HIL_KOC		0.244	0.244		0.024	0.024		0.423	0.423	
	<b>TOTAL</b>		<b>50.016</b>	<b>82.402</b>	<b>132.418</b>	<b>43.545</b>	<b>78.693</b>	<b>122.238</b>	<b>53.902</b>	<b>84.657</b>	<b>138.559</b>
Madhya Pradesh	NCL		72.648	72.648		70.289	70.289		80.858	80.858	
	WCL	0.177	2.899	3.076	0.184	3.146	3.330	0.156	2.939	3.095	
	SECL		11.794	11.794		10.724	10.724		10.163	10.163	
	SPL		18.783	18.783		18.067	18.067		18.193	18.193	
	JPVL		2.800	2.800		2.801	2.801		2.800	2.800	
	RCCPL		0.182	0.182		0.173	0.173		0.205	0.205	
	UTCL								0.018	0.018	
	<b>TOTAL</b>	<b>0.177</b>	<b>109.106</b>	<b>109.283</b>	<b>0.184</b>	<b>105.200</b>	<b>105.384</b>	<b>0.156</b>	<b>115.176</b>	<b>115.332</b>	
Maharashtra	WCL		49.500	49.500		46.358	46.358		61.068	61.068	
	KPCL								1.217	1.217	
	SIL		0.224	0.224		0.100	0.100		0.165	0.165	
	TUML		0.284	0.284		0.113	0.113		0.197	0.197	
	BSIL								0.108	0.108	
	<b>TOTAL</b>	<b>0.000</b>	<b>50.008</b>	<b>50.008</b>	<b>0.000</b>	<b>46.571</b>	<b>46.571</b>	<b>0.000</b>	<b>62.755</b>	<b>62.755</b>	
Odisha	MCL		134.014	134.014		146.007	146.007		176.156	176.156	
	GMR		0.000	0.000		0.000	0.000		0.000	0.000	
	OCPL		0.515	0.515		1.804	1.804		5.562	5.562	
	NTPC		1.234	1.234		3.400	3.400		5.336	5.336	
	NLCIL					0.700	0.700		6.369	6.369	
	<b>TOTAL</b>		<b>135.763</b>	<b>135.763</b>		<b>151.911</b>	<b>151.911</b>		<b>193.423</b>	<b>193.423</b>	
Telangana	SCCL		62.465	62.465		48.513	48.513		65.533	65.533	
	TSPGCL		1.657	1.657		2.020	2.020		2.210	2.210	
	<b>TOTAL</b>	<b>0.000</b>	<b>64.122</b>	<b>64.122</b>	<b>0.000</b>	<b>50.533</b>	<b>50.533</b>	<b>0.000</b>	<b>67.743</b>	<b>67.743</b>	
Uttar Pradesh	NCL		34.775	34.775		38.355	38.355		44.804	44.804	
West Bengal	ECL	0.000	28.555	28.555	0.000	25.128	25.128		24.684	24.684	
	BCCL	0.294	0.147	0.441	0.000	0.017	0.017	0.100	0.076	0.176	
	IISCO		0.234	0.234		0.100	0.100		0.024	0.024	
	WBPDC		1.927	1.927		2.309	2.309		2.837	2.837	
	CESC		1.887	1.887		1.963	1.963		1.677	1.677	
	OCL		0.115	0.115		0.000	0.000		0.000	0.000	
	DPL					0.024	0.024		0.536	0.536	
<b>TOTAL</b>	<b>0.294</b>	<b>32.865</b>	<b>33.159</b>	<b>0.000</b>	<b>29.541</b>	<b>29.541</b>	<b>0.100</b>	<b>29.834</b>	<b>29.934</b>		
<b>Total Public</b>		<b>44.450</b>	<b>630.076</b>	<b>674.526</b>	<b>38.150</b>	<b>622.995</b>	<b>661.145</b>	<b>49.717</b>	<b>738.736</b>	<b>788.453</b>	
<b>Total Private</b>		<b>6.206</b>	<b>26.444</b>	<b>32.650</b>	<b>5.850</b>	<b>23.889</b>	<b>29.739</b>	<b>4.685</b>	<b>25.859</b>	<b>30.544</b>	
<b>All India</b>		<b>50.656</b>	<b>656.520</b>	<b>707.176</b>	<b>44.000</b>	<b>646.884</b>	<b>690.884</b>	<b>54.402</b>	<b>764.595</b>	<b>818.997</b>	



Table 3.10: Captive Block Wise Despatch of Raw Coal during last Three Years

(Qty. in MT)

Block	Company	State	2019-20			2020-21			2021-22		
			Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gare Palma IV/2 & 3	SECL	Chhattisgarh		2.888	2.888		3.241	3.241		2.713	2.713
Gare Palma IV/1	SECL			0.821	0.821			0.000			0.000
Parsa East & Kanta Basan	RRVUNL			15.000	15.000		15.000	15.000		15.000	15.000
Tallipalli	NTPC			0.000	0.000		0.901	0.901		0.484	0.484
Gare Palma IV/7	SEML									0.396	0.396
Gare Palma Sector-III	CSPGCL				0.018	0.018		1.660	1.660		3.526
Pakri Barwadih	NTPC	Jharkhand		9.462	9.462		6.638	6.638		8.879	8.879
Tasra	SAIL				0.000			0.000	0.340		0.340
Pachhwara North	WBPDCCL			0.839	0.839		4.279	4.279		8.923	8.923
Dulanga	NTPC	Odisha		1.234	1.234		3.400	3.400		5.336	5.336
Talabira II & III	NLCL				0.000		0.700	0.700		6.369	6.369
Manoharpur	OCPL			0.515	0.515		1.804	1.804		5.562	5.562
Tadicherla	TSPGCL	Telangana		1.657	1.657		2.020	2.020		2.210	2.210
Barjora	WBPDCCL	West Bengal		0.563	0.563		0.207	0.207		0.249	0.249
Barjora North	WBPDCCL			0.525	0.525		0.678	0.678		1.202	1.202
Gangaramchak Bhadulia	WBPDCCL				0.000		1.424	1.424		1.386	1.386
Trans Damodar	DPL				0.000		0.024	0.024		0.536	0.536
<b>Total Public</b>			<b>0.000</b>	<b>33.522</b>	<b>33.522</b>	<b>0.000</b>	<b>41.976</b>	<b>41.976</b>	<b>0.340</b>	<b>62.771</b>	<b>63.111</b>
Chotia II	BALCO	Chhattisgarh		0.874	0.874		0.231	0.231		0.000	0.000
Gare Palma IV/4	HIL			0.530	0.530		0.292	0.292		0.563	0.563
Gare Palma IV/5	HIL			0.135	0.135		0.001	0.001		0.000	0.000
Gare Palma IV/1	JPL									0.286	0.286
Gare Palma IV/8	AMBUJA			0.386	0.386		0.124	0.124		0.828	0.828
Kathautia	HIL	Jharkhand		0.244	0.244		0.024	0.024		0.423	0.423
Bicharpur	UTCL	Madhya Pradesh								0.018	0.018
Amelia North	JPVL			2.800	2.800		2.801	2.801		2.800	2.800
Moher & Moher Amlori Extn	SPL			18.783	18.783		18.067	18.067		18.193	18.193
Sial Ghogri	RCCPL			0.182	0.182		0.173	0.173		0.205	0.205
Belgaon	SIL			0.224	0.224		0.100	0.100		0.165	0.165
Baranj I-IV, Kiloni and Manoradeep	KPCL	Maharashtra								1.217	1.217
Marki Mangli III	BSIL									0.108	0.108
Marki Mangli I	TUML			0.284	0.284		0.113	0.113		0.197	0.197
Talabira I	GMR	Odisha		0.000	0.000			0.000			0.000
Ardhagram	OCL	West Bengal		0.115	0.115					0.000	0.000
Sarshatali	CESC			1.887	1.887		1.963	1.963		1.677	1.677
<b>Total Private</b>			<b>0.000</b>	<b>26.444</b>	<b>26.444</b>	<b>0.000</b>	<b>23.889</b>	<b>23.889</b>	<b>0.000</b>	<b>26.680</b>	<b>26.680</b>
<b>Grand Total</b>			<b>0.000</b>	<b>59.966</b>	<b>59.966</b>	<b>0.000</b>	<b>65.865</b>	<b>65.865</b>	<b>0.340</b>	<b>89.451</b>	<b>89.791</b>

Table 3.11: Grade Wise Despatch of Coking Coal by Companies during 2021-22

(Qty. in MT)

Company	Despatch of Coking Coal									
	Steel-I	Steel-II	SC-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						0.015				0.015
BCCL	0.000	0.002		0.241	1.354	1.472	15.301	10.956	1.229	30.555
CCL					0.510	0.275	8.428	9.114	0.000	18.327
NCL										0.000
WCL							0.156			0.156
SECL			0.244							0.244
SECL(GP-IV/2&3)										0.000
MCL										0.000
NEC										0.000
<b>CIL</b>	<b>0.000</b>	<b>0.002</b>	<b>0.244</b>	<b>0.241</b>	<b>1.864</b>	<b>1.762</b>	<b>23.885</b>	<b>20.070</b>	<b>1.229</b>	<b>49.297</b>
SCCL										0.000
JKML										0.000
DVC										0.000
IISCO						0.080				0.080
SAIL							0.073	0.267		0.340
JSMDCL										0.000
RRVUNL										0.000
NTPC										0.000
WBPDC										0.000
CSPGCL										0.000
TSPGCL										0.000
OCPL										0.000
NLCIL										0.000
DPL										0.000
KPCL										0.000
<b>Total Public</b>	<b>0.000</b>	<b>0.002</b>	<b>0.244</b>	<b>0.241</b>	<b>1.864</b>	<b>1.842</b>	<b>23.958</b>	<b>20.337</b>	<b>1.229</b>	<b>49.717</b>
TSL					0.599	0.273	3.813			4.685
CESC										0.000
HIL										0.000
SPL										0.000
GMR										0.000
BALCO										0.000
SIL										0.000
JPVL										0.000
RCCPL										0.000
TUML										0.000
AMBUJA										0.000
SEML										0.000
UTCL										0.000
JPL										0.000
BSIL										0.000
<b>Total Private</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.599</b>	<b>0.273</b>	<b>3.813</b>	<b>0.000</b>	<b>0.000</b>	<b>4.685</b>
<b>All India</b>	<b>0.000</b>	<b>0.002</b>	<b>0.244</b>	<b>0.241</b>	<b>2.463</b>	<b>2.115</b>	<b>27.771</b>	<b>20.337</b>	<b>1.229</b>	<b>54.402</b>

**Table 3.12: Grade Wise Despatch of Non-Coking Coal by Companies during 2021-22**

(Qty. in MT)

Company	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 Non Coking	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
ECL			0.820	13.394	6.586	1.872	2.456	2.486	0.000	0.087	0.000	0.000	8.204					35.905	35.920
BCCL					0.042	0.074	0.674	0.849		0.093			0.000	0.013				1.745	32.300
CCL					0.000	0.745	1.760	4.146	5.912	4.583	19.647	6.853	9.842					53.488	71.815
NCL							27.838	28.181	2.394	22.318	32.709	6.951	3.666				1.605	125.662	125.662
WCL						0.183	0.142	1.502	6.523	17.961	24.274	7.738	5.684					64.007	64.163
SECL			1.203	0.000	0.577	2.882	2.247	5.060	4.047	3.310	117.025	1.746	5.513	0.295	7.410	1.237		152.552	152.796
SECL(GP-IV/2&3)											0.196	0.509		0.631	0.594	0.783		2.713	2.713
MCL								0.060	0.038		0.021	51.112	55.138	68.829	0.958			176.156	176.156
NEC																		0.000	0.000
<b>CIL</b>	<b>0.000</b>	<b>0.000</b>	<b>2.023</b>	<b>13.394</b>	<b>7.205</b>	<b>5.756</b>	<b>35.117</b>	<b>42.284</b>	<b>18.914</b>	<b>48.352</b>	<b>193.872</b>	<b>74.909</b>	<b>88.047</b>	<b>69.768</b>	<b>8.962</b>	<b>2.020</b>	<b>1.605</b>	<b>612.228</b>	<b>661.525</b>
SCCL					0.651	0.106	5.117	5.316	2.989	13.891	11.596	2.339	16.780	0.028	5.953		0.767	65.533	65.533
JKML																	0.018	0.018	0.018
DVC																		0.000	0.000
IISCO					0.011		0.013											0.024	0.104
SAIL																		0.000	0.340
JSMDCL												0.054						0.054	0.054
RRVUNL											10.360		0.286		4.354			15.000	15.000
NTPC									8.879		0.001	0.483	5.336					14.699	14.699
WBPDCL							0.249		8.923		1.386	0.839	0.363					11.760	11.760
CSPGCL													0.774	1.167	0.717	0.868		3.526	3.526
TSPGCL							0.078	2.132										2.210	2.210
OCPL														5.562				5.562	5.562
NLCIL														6.369				6.369	6.369
DPL										0.256		0.280						0.536	0.536
KPCL									1.217									1.217	1.217
<b>Total Public</b>	<b>0.000</b>	<b>0.000</b>	<b>2.023</b>	<b>13.394</b>	<b>7.867</b>	<b>5.862</b>	<b>40.574</b>	<b>49.732</b>	<b>40.922</b>	<b>62.499</b>	<b>217.215</b>	<b>78.904</b>	<b>111.586</b>	<b>82.894</b>	<b>15.632</b>	<b>7.242</b>	<b>2.390</b>	<b>738.736</b>	<b>788.453</b>
TSL																		0.000	4.685
CESC											1.677							1.677	1.677
HIL					0.423	0.328					0.235							0.986	0.986
SPL										18.193								18.193	18.193
GMR																		0.000	0.000
BALCO								0.000				0.000						0.000	0.000
SIL								0.165										0.165	0.165
JPVL											2.800							2.800	2.800
RCCPL								0.205										0.205	0.205
TUML													0.197					0.197	0.197
AMBUJA										0.403	0.221	0.204						0.828	0.828
UTCL							0.005			0.007		0.006						0.018	0.018
SEML												0.189	0.207					0.396	0.396
JPL																	0.286	0.286	0.286
BSIL																	0.108	0.108	0.108
<b>Total Private</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.423</b>	<b>0.333</b>	<b>0.370</b>	<b>0.000</b>	<b>18.603</b>	<b>4.933</b>	<b>0.399</b>	<b>0.197</b>	<b>0.207</b>	<b>0.000</b>	<b>0.000</b>	<b>0.394</b>	<b>25.859</b>	<b>30.544</b>
<b>All India</b>	<b>0.000</b>	<b>0.000</b>	<b>2.023</b>	<b>13.394</b>	<b>7.867</b>	<b>6.285</b>	<b>40.907</b>	<b>50.102</b>	<b>40.922</b>	<b>81.102</b>	<b>222.148</b>	<b>79.303</b>	<b>111.783</b>	<b>83.101</b>	<b>15.632</b>	<b>7.242</b>	<b>2.784</b>	<b>764.595</b>	<b>818.997</b>

Table 3.13: Mode Wise Company Wise Despatch of Raw Coal in 2021-22 (External &amp; Internal)

(Qty. in MT)

Company	2021-22 (External)						2021-22 (Internal)						Grand Total
	Rail	Road	Belt	Rope	MGR	Total	Rail	Road	Belt	Rope	MGR	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(8)	(9)	(10)	(11)	(12)	(13)	(15)	(16)
ECL	25.735	3.305			6.880	35.920						0.000	35.920
BCCL	23.971	4.716				28.687	1.041	2.572				3.613	32.300
CCL	48.925	17.377				66.302		5.513				5.513	71.815
NCL	43.221	23.777	3.120		55.544	125.662						0.000	125.662
WCL	37.989	24.100	0.389	1.509	0.176	64.163						0.000	64.163
SECL	63.417	54.240	6.715		28.424	152.796						0.000	152.796
SECL(GP-IV/2&3)		2.713				2.713						0.000	2.713
MCL	115.589	47.429	0.000		13.138	176.156						0.000	176.156
NEC	0.000	0.000				0.000						0.000	0.000
<b>CIL</b>	<b>358.847</b>	<b>177.657</b>	<b>10.224</b>	<b>1.509</b>	<b>104.162</b>	<b>652.399</b>	<b>1.041</b>	<b>8.085</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>9.126</b>	<b>661.525</b>
SCCL	45.367	12.377		0.563	7.226	65.533						0.000	65.533
JKML		0.018				0.018						0.000	0.018
DVC						0.000						0.000	0.000
IISCO		0.024		0.080		0.104						0.000	0.104
SAIL		0.340				0.340						0.000	0.340
JSMDC		0.054				0.054						0.000	0.054
RRVUNL						0.000			15.000			15.000	15.000
NTPC		8.822	0.663		5.214	14.699						0.000	14.699
WBPDCL		11.760				11.760						0.000	11.760
CSPGCL		3.526				3.526						0.000	3.526
TSPGCL		2.210				2.210						0.000	2.210
OCPL	4.983	0.579				5.562						0.000	5.562
NLCIL		6.369				6.369						0.000	6.369
DPL	0.467	0.069				0.536						0.000	0.536
KPCL	1.217					1.217						0.000	1.217
<b>Public</b>	<b>410.881</b>	<b>223.805</b>	<b>10.887</b>	<b>2.152</b>	<b>116.602</b>	<b>764.327</b>	<b>1.041</b>	<b>8.085</b>	<b>15.000</b>	<b>0.000</b>	<b>0.000</b>	<b>24.126</b>	<b>788.453</b>
TSL						0.000		0.006	4.679			4.685	4.685
CESC						0.000		1.677				1.677	1.677
HIL	0.423	0.563				0.986						0.000	0.986
SPL			18.193			18.193						0.000	18.193
GMR						0.000						0.000	0.000
BALCO						0.000		0.000				0.000	0.000
SIL	0.165					0.165						0.000	0.165
JPVL	2.800					2.800						0.000	2.800
JPL		0.286				0.286						0.000	0.286
RCCPL		0.205				0.205						0.000	0.205
TUML		0.197				0.197						0.000	0.197
AMBUJA	0.348	0.480				0.828						0.000	0.828
UTCL		0.018				0.018						0.000	0.018
SEML		0.210				0.210		0.186				0.186	0.396
BSIL		0.108				0.108						0.000	0.108
<b>Private</b>	<b>3.736</b>	<b>2.067</b>	<b>18.193</b>	<b>0.000</b>	<b>0.000</b>	<b>23.996</b>	<b>0.000</b>	<b>1.869</b>	<b>4.679</b>	<b>0.000</b>	<b>0.000</b>	<b>6.548</b>	<b>30.544</b>
<b>Grand Total</b>	<b>414.617</b>	<b>225.872</b>	<b>29.080</b>	<b>2.152</b>	<b>116.602</b>	<b>788.323</b>	<b>1.041</b>	<b>9.954</b>	<b>19.679</b>	<b>0.000</b>	<b>0.000</b>	<b>30.674</b>	<b>818.997</b>

**Table 3.14: Company Wise Off-take of Raw Coal & Lignite to Different Priority Sectors during 2021-22**

(Qty. in MT)

Company	Power(Utility)	Power(Captive)	Steel	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Others	Total Despatch	Colliery Consumption	Total Off-take
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
<b>Coal</b>															
ECL	29.967	0.191	0.362	0.122		0.339						4.939	35.920	0.176	36.096
BCCL	25.427	0.030	0.733		0.640	0.000						5.470	32.300	0.002	32.302
CCL	59.122	1.156	1.212	0.010	0.115	0.826						9.374	71.815		71.815
NCL	110.691	6.570		0.257		0.326						7.818	125.662		125.662
WCL	57.240	1.109		1.338		0.297		0.012	0.047	0.001		4.119	64.163	0.004	64.167
SECL	128.186	7.802	0.000	1.530	0.356	3.841						11.081	152.796	0.008	152.804
SECL(GP-IV/2&3)	1.973											0.740	2.713		2.713
SECL(GP-IV/1)												0.000	0.000		0.000
MCL	127.224	14.207		0.087	0.000	2.286	0.432		0.006			31.914	176.156	0.002	176.158
NEC	0.000	0.000	0.000	0.000								0.000	0.000		0.000
<b>CIL</b>	<b>539.830</b>	<b>31.065</b>	<b>2.307</b>	<b>3.344</b>	<b>1.111</b>	<b>7.915</b>	<b>0.432</b>	<b>0.012</b>	<b>0.053</b>	<b>0.001</b>	<b>0.000</b>	<b>75.455</b>	<b>661.525</b>	<b>0.192</b>	<b>661.717</b>
SCCL	53.494	3.883		3.310		0.398	0.192	0.340	1.197	0.081	0.001	2.637	65.533		65.533
JKML												0.018	0.018		0.018
DVC													0.000		0.000
IISCO			0.104										0.104		0.104
SAIL			0.340										0.340		0.340
JSMDC											0.021	0.033	0.054		0.054
RRVUNL	15.000		0.000										15.000		15.000
NTPC	14.699												14.699		14.699
WBPDC	11.760												11.760		11.760
CSPGCL	3.526												3.526		3.526
TSPGCL	2.210												2.210		2.210
OCPL	4.148											1.414	5.562		5.562
NILCL	2.326	1.417	0.636	0.010		0.023	1.906					0.051	6.369		6.369
DPL	0.536												0.536		0.536
KPCL	1.217												1.217		1.217
<b>Total Public</b>	<b>648.746</b>	<b>36.365</b>	<b>3.387</b>	<b>6.664</b>	<b>1.111</b>	<b>8.336</b>	<b>2.530</b>	<b>0.352</b>	<b>1.250</b>	<b>0.082</b>	<b>0.022</b>	<b>79.608</b>	<b>788.453</b>	<b>0.192</b>	
TSL			4.685										4.685	0.000	4.685
CESC	1.677												1.677		1.677
HIL		0.986											0.986		0.986
SPL	18.193	0.000											18.193		18.193
GMR		0.000											0.000		0.000
BALCO		0.000											0.000		0.000
SIL		0.045				0.120							0.165		0.165
JPVL	2.800												2.800		2.800
RCCPL				0.205									0.205		0.205
TUML		0.173				0.024							0.197	0.000	0.197
AMBUJA		0.425		0.403									0.828		0.828
UTCL				0.018									0.018		0.018
SEML		0.164	0.148			0.084							0.396		0.396
JPL	0.286												0.286		0.286
BSIL						0.108							0.108		0.108
<b>Private</b>	<b>22.956</b>	<b>1.793</b>	<b>4.833</b>	<b>0.626</b>	<b>0.000</b>	<b>0.336</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>30.544</b>	<b>0.000</b>	<b>30.544</b>
<b>Grand Total</b>	<b>671.702</b>	<b>38.158</b>	<b>8.220</b>	<b>7.290</b>	<b>1.111</b>	<b>8.672</b>	<b>2.530</b>	<b>0.352</b>	<b>1.250</b>	<b>0.082</b>	<b>0.022</b>	<b>79.608</b>	<b>818.997</b>	<b>0.192</b>	<b>30.544</b>
<b>Lignite</b>															
BLMCL	5.796												5.796		5.796
GHCL		0.069											0.069		0.069
GIPCL		2.910											2.910		2.910
GMDCL	0.692	1.226	0.145	0.111	0.001			0.467	0.599	3.222	0.540	1.551	8.554		8.554
GPCL		1.852											1.852		1.852
NLCL	23.237	2.056	0.123	1.120	0.000	0.000	0.000	0.010	0.183	0.000	0.003	0.199	26.931		26.931
RSMML				0.316						0.176		1.489	1.981		1.981
VSLPPL	0.918	0.000										0.062	0.980		0.980
<b>Total</b>	<b>30.643</b>	<b>8.113</b>	<b>0.268</b>	<b>1.547</b>	<b>0.001</b>	<b>0.000</b>	<b>0.000</b>	<b>0.477</b>	<b>0.782</b>	<b>3.398</b>	<b>0.543</b>	<b>3.301</b>	<b>49.073</b>	<b>0.000</b>	<b>49.073</b>

**Table 3.15: Availability and Off-take of Raw Coal by Companies in India during 2020-21 & 2021-22**

(Qty. in MT)

Company	2020-21							2021-22						
	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)
<b>Total CIL</b>	<b>75.055</b>	<b>596.221</b>	<b>671.276</b>	<b>573.628</b>	<b>0.197</b>	<b>573.825</b>	<b>99.139</b>	<b>99.139</b>	<b>622.634</b>	<b>721.773</b>	<b>661.525</b>	<b>0.192</b>	<b>661.717</b>	<b>60.937</b>
SCCL	3.188	50.580	53.768	48.513		48.513	5.239	5.239	65.022	70.261	65.533		65.533	4.718
JKML	0.007	0.010	0.017	0.008		0.008	0.009	0.009	0.011	0.020	0.018		0.018	0.001
JSMDC	0.004	0.079	0.083	0.069		0.069	0.015	0.015	0.050	0.065	0.054		0.054	0.010
DVC	0.060	0.000	0.060	0.000		0.000	0.060	0.060	0.000	0.060	0.000		0.000	0.000
IISCO	0.004	0.191	0.195	0.192		0.192	0.003	0.003	0.096	0.099	0.104		0.104	0.002
SAIL	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.340	0.340	0.340		0.340	0.000
RRVUNL	0.000	15.000	15.000	15.000		15.000	0.000	0.000	15.000	15.000	15.000		15.000	0.000
NTPC	1.016	11.005	12.021	10.939		10.939	1.083	1.083	14.024	15.107	14.699		14.699	0.408
WBPDC	0.250	6.258	6.508	6.588		6.588	0.873	0.873	11.386	12.259	11.760		11.760	0.499
CSPGCL	0.492	1.502	1.994	1.660		1.660	0.334	0.334	3.265	3.599	3.526		3.526	0.074
TSPGCL	0.004	2.023	2.027	2.020		2.020	0.008	0.008	2.211	2.219	2.210		2.210	0.008
OCPL	0.488	2.001	2.489	1.804		1.804	0.685	0.685	5.251	5.936	5.562		5.562	0.375
DPL		0.067	0.067	0.024		0.024	0.043	0.043	0.513	0.556	0.536		0.536	0.025
NLCIL		1.013	1.013	0.700		0.700	0.313	0.313	6.358	6.671	6.369		6.369	0.301
KPCL									1.258	1.258	1.217		1.217	0.049
<b>Total Public</b>	<b>80.568</b>	<b>685.950</b>	<b>766.518</b>	<b>661.145</b>	<b>0.197</b>	<b>661.342</b>	<b>107.804</b>	<b>107.804</b>	<b>747.419</b>	<b>855.223</b>	<b>788.453</b>	<b>0.192</b>	<b>788.645</b>	<b>67.407</b>
TSL	0.012	5.853	5.865	5.850		5.850	0.016	0.016	4.680	4.696	4.685		4.685	0.009
SPL	0.181	18.570	18.751	18.067		18.067	0.683	0.683	18.039	18.722	18.193		18.193	0.530
CESEC	0.219	2.079	2.298	1.963		1.963	0.334	0.334	1.637	1.971	1.677		1.677	0.295
HIL	0.141	0.308	0.449	0.317		0.317	0.131	0.131	0.926	1.057	0.986		0.986	0.070
GMR	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
BALCO	0.230	0.002	0.232	0.231		0.231	0.001	0.001	0.000	0.001	0.000		0.000	0.001
SIL	0.063	0.068	0.131	0.100		0.100	0.031	0.031	0.166	0.197	0.165		0.165	0.033
JPVL	0.001	2.800	2.801	2.801		2.801	0.000	0.000	2.800	2.800	2.800		2.800	0.000
RCCPL	0.001	0.172	0.173	0.173		0.173	0.000	0.000	0.205	0.205	0.205		0.205	0.001
TUML	0.002	0.112	0.114	0.113		0.113	0.001	0.001	0.241	0.242	0.197		0.197	0.044
OCL	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
AMBUJA	0.014	0.169	0.183	0.124		0.124	0.059	0.059	0.779	0.838	0.828		0.828	0.010
SEML								0.000	0.786	0.786	0.396		0.396	0.390
BSIL								0.000	0.127	0.127	0.108		0.108	0.019
UTCL								0.000	0.021	0.021	0.018		0.018	0.003
JPL									0.364	0.364	0.286		0.286	0.077
<b>Total Private</b>	<b>0.864</b>	<b>30.133</b>	<b>30.997</b>	<b>29.739</b>	<b>0.000</b>	<b>29.739</b>	<b>1.256</b>	<b>1.256</b>	<b>30.771</b>	<b>32.027</b>	<b>30.544</b>	<b>0.000</b>	<b>30.544</b>	<b>1.482</b>
<b>All India</b>	<b>81.432</b>	<b>716.083</b>	<b>797.515</b>	<b>690.884</b>	<b>0.197</b>	<b>691.081</b>	<b>109.060</b>	<b>109.060</b>	<b>778.190</b>	<b>887.250</b>	<b>818.997</b>	<b>0.192</b>	<b>819.189</b>	<b>68.889</b>

# SECTION IV

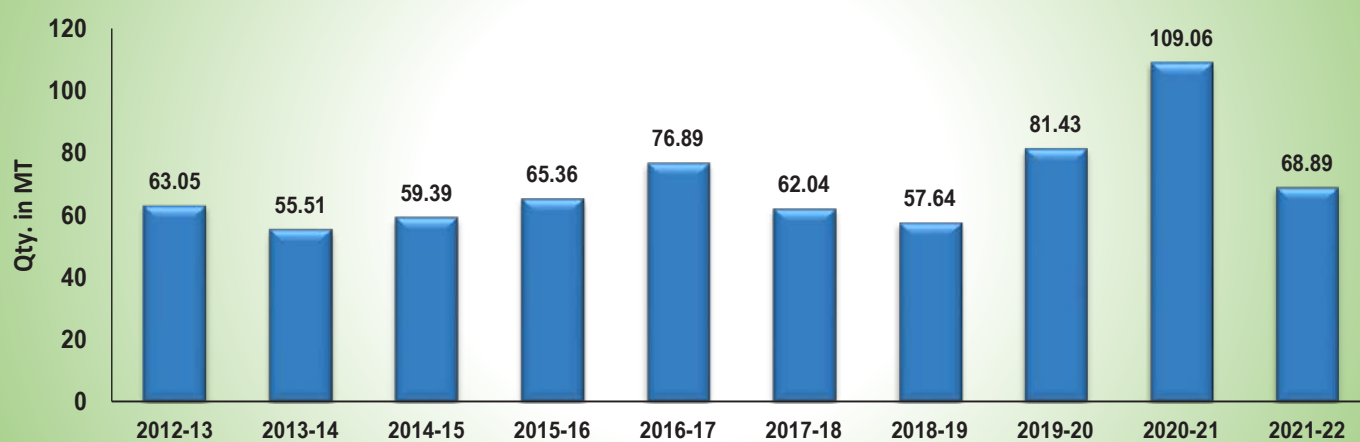
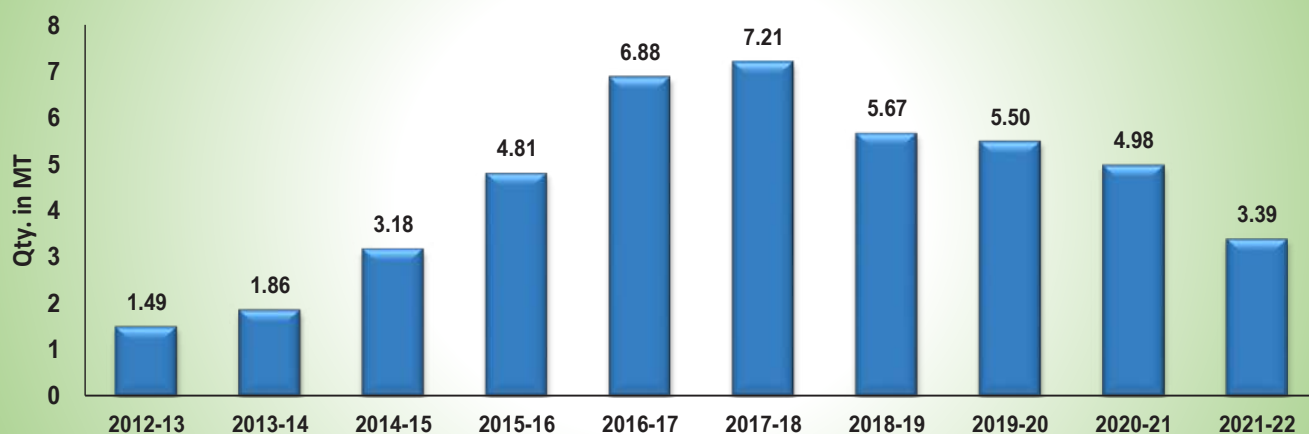


**PIT-HEAD  
CLOSING STOCK**

**Table-4.1. Trend of Pit-Head Closing Stock 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 (%)	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)
2012-13	63.049	97.69	▼ 14.8%	1.493	2.31	▲ 42.1%	64.542	▼ 14.0%
2013-14	55.514	96.76	▼ 12.0%	1.860	3.24	▲ 24.6%	57.374	▼ 11.1%
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	68.889	95.31	▼ 36.8%	3.389	4.69	▼ 32.0%	72.278	▼ 36.6%

**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**


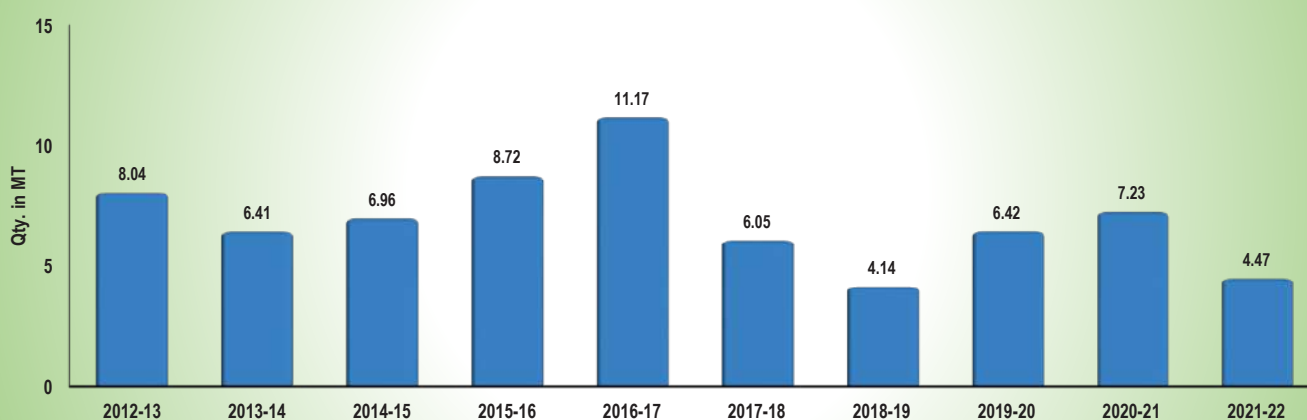


**Table-4.2 : Trend of Pit-Head Closing Stock of different types of Raw Coal in last Ten Years**

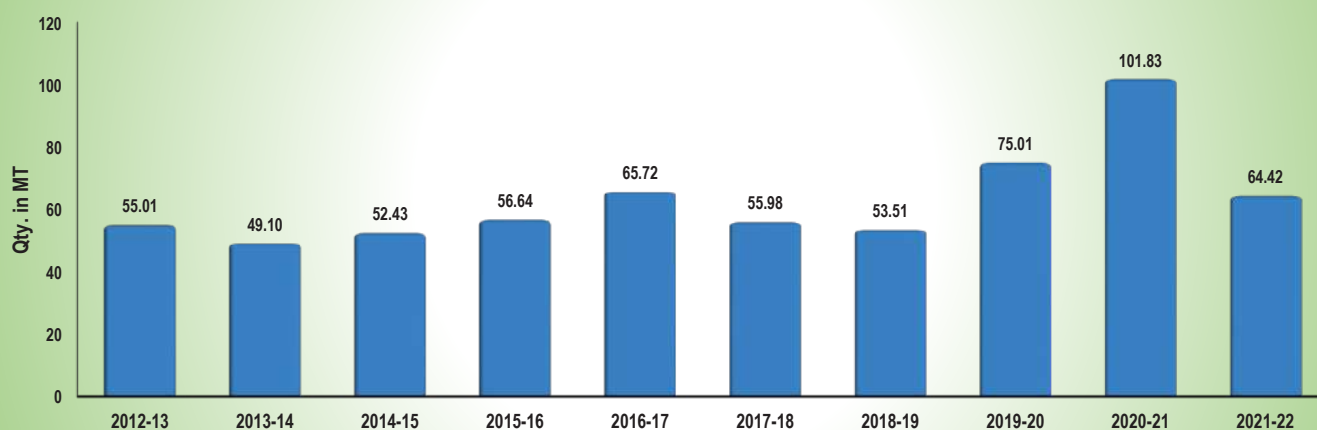
(Qty. in MT)

Year	Coking Coal									Non-Coking Coal			Total Raw Coal	
	Metallurgical Coal			Non Metallurgical Coal			Total Coking Coal			Quantity	Share in Total Coking (%)	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 Coking (%)	Change Over Previous Year (%)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2012-13	1.48	18.42	▼ 36.8%	6.56	81.58	▼ 25.4%	8.04	12.75	▼ 27.8%	55.01	87.25	▼ 12.6%	63.05	▼ 14.8%
2013-14	1.14	17.76	▼ 23.0%	5.27	82.24	▼ 19.6%	6.41	11.55	▼ 20.2%	49.10	88.45	▼ 10.7%	55.51	▼ 12.0%
2014-15	1.17	16.86	▲ 3.1%	5.79	83.14	▲ 9.8%	6.96	11.73	▲ 8.6%	52.43	88.27	▲ 6.8%	59.39	▲ 7.0%
2015-16	1.56	17.90	▲ 33.0%	7.16	82.10	▲ 23.7%	8.72	13.35	▲ 25.3%	56.64	86.65	▲ 8.0%	65.36	▲ 10.1%
2016-17	1.56	14.00	▲ 0.1%	9.60	86.00	▲ 34.1%	11.17	14.52	▲ 28.0%	65.72	85.48	▲ 16.0%	76.89	▲ 17.6%
2017-18	2.01	33.25	▲ 28.7%	4.04	66.75	▼ 57.9%	6.05	9.76	▼ 45.8%	55.98	90.24	▼ 14.8%	62.04	▼ 19.3%
2018-19	3.48	84.21	▲ 73.1%	0.65	15.79	▼ 83.8%	4.14	7.17	▼ 31.7%	53.51	92.83	▼ 4.4%	57.64	▼ 7.1%
2019-20	3.25	50.55	▼ 6.8%	3.18	49.45	▲ 386.4%	6.42	7.89	▲ 55.3%	75.01	92.11	▲ 40.2%	81.43	▲ 41.3%
2020-21	5.95	82.32	▲ 83.3%	1.28	17.68	▼ 59.8%	7.23	6.63	▲ 12.6%	101.83	93.37	▲ 35.8%	109.06	▲ 33.9%
2021-22	3.64	81.59	▼ 38.8%	0.82	18.41	▼ 35.7%	4.47	6.48	▼ 38.2%	64.42	93.52	▼ 36.7%	68.89	▼ 36.8%

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



**Trend of Pit-Head Closing Stock of Non-Coking Coal in last Ten Years**



**Table-4.3 : Month Wise Pit-Head Closing Stock of Raw Coal, Lignite and various Coal Products in 2021-22**

(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-21	105.428	3.972	0.214	0.061	0.820	0.025
May-21	87.237	3.264	0.217	0.044	0.776	0.012
Jun-21	70.450	2.629	0.230	0.063	0.742	0.010
<b>1<sup>st</sup> Quarter</b>	<b>70.450</b>	<b>2.629</b>	<b>0.230</b>	<b>0.063</b>	<b>0.742</b>	<b>0.010</b>
Jul-21	68.733	2.310	0.234	0.038	0.741	0.010
Aug-21	62.697	2.442	0.239	0.075	0.711	0.014
Sep-21	47.684	2.316	0.245	0.027	0.646	0.020
<b>2<sup>nd</sup> Quarter</b>	<b>47.684</b>	<b>2.316</b>	<b>0.245</b>	<b>0.027</b>	<b>0.646</b>	<b>0.020</b>
Oct-21	30.541	2.289	0.194	0.041	0.592	0.036
Nov-21	42.472	1.878	0.160	0.184	0.510	0.031
Dec-21	39.239	1.271	0.162	0.153	0.497	0.055
<b>3<sup>rd</sup> Quarter</b>	<b>39.239</b>	<b>1.271</b>	<b>0.162</b>	<b>0.153</b>	<b>0.497</b>	<b>0.055</b>
Jan-22	42.252	1.387	0.129	0.243	0.508	0.040
Feb-22	50.248	1.779	0.128	0.309	0.533	0.066
Mar-22	68.889	3.389	0.112	0.102	0.528	0.082
<b>4<sup>th</sup> Quarter</b>	<b>68.889</b>	<b>3.389</b>	<b>0.112</b>	<b>0.102</b>	<b>0.528</b>	<b>0.082</b>
<b>Total</b>	<b>68.889</b>	<b>3.389</b>	<b>0.112</b>	<b>0.102</b>	<b>0.528</b>	<b>0.082</b>

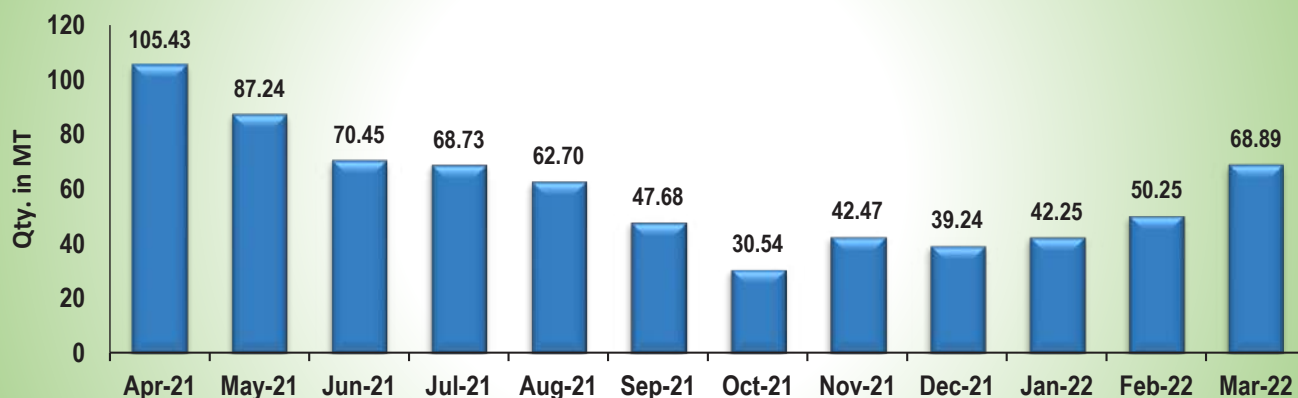
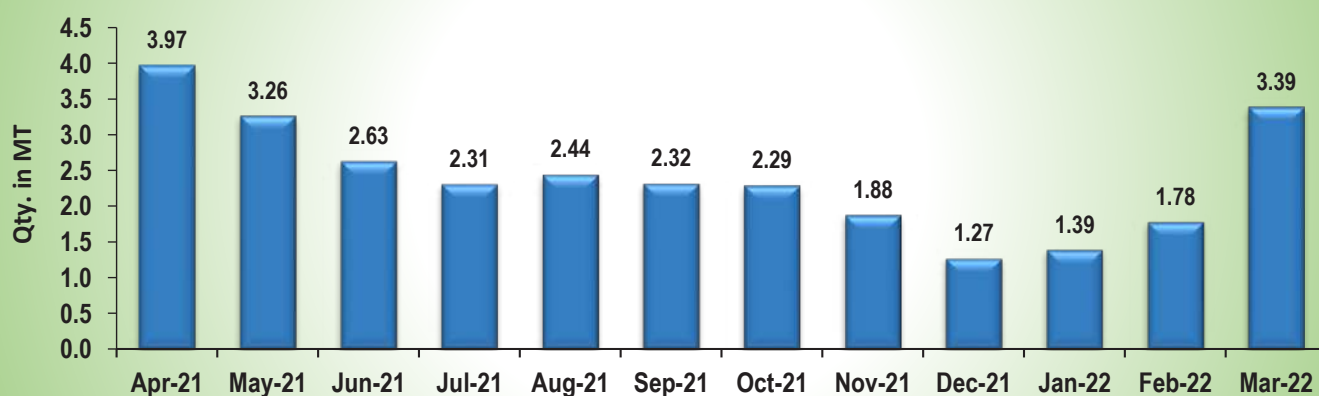
**Month Wise Pit-Head Closing Stock of Raw Coal in 2021-22**

**Month Wise Pit-Head Closing Stock of Lignite in 2021-22**


Table-4.4 : Share of Raw Coal Pit-Head Closing Stock by States in last Ten Years

(Qty. in MT)

Year	Arunachal Pradesh			Assam			Chhattisgarh		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2012-13	0.022	0.03	▲ 450.0%	0.082	0.13	▼ 13.7%	5.639	8.94	▼ 35.4%
2013-14	0	0.0	▼ 100.0%	0.169	0.30	▲ 106.1%	7.186	12.94	▲ 27.4%
2014-15	0			0.215	0.36	▲ 27.2%	11.576	19.49	▲ 61.1%
2015-16	0			0.359	0.55	▲ 67.0%	9.444	14.45	▼ 18.4%
2016-17	0			0.183	0.24	▼ 49.0%	12.147	15.80	▲ 28.6%
2017-18	0			0.069	0.11	▼ 62.3%	7.359	11.86	▼ 39.4%
2018-19	0			0.100	0.17	▲ 44.9%	8.424	14.61	▲ 14.5%
2019-20	0			0.054	0.07	▼ 46.0%	18.264	22.43	▲ 116.8%
2020-21	0			0.000	0.00	▼ 100.0%	29.723	27.25	▲ 62.7%
2021-22	0			0.028	0.04	▲ 100.0%	16.891	24.52	▼ 43.2%
Year	Jammu & Kashmir			Jharkhand			Madhya Pradesh		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2012-13	0.005	0.01	▲ 66.7%	17.796	28.23	▼ 27.9%	7.318	11.61	▲ 16.8%
2013-14	0.013	0.02	▲ 160.0%	13.987	25.20	▼ 21.4%	5.756	10.37	▼ 21.3%
2014-15	0.013	0.02	▲ 0.0%	15.544	26.17	▲ 11.1%	4.111	6.92	▼ 28.6%
2015-16	0.013	0.02	▲ 0.0%	18.355	28.08	▲ 18.1%	6.854	10.49	▲ 66.7%
2016-17	0.012	0.02	▼ 7.7%	24.002	31.22	▲ 30.8%	8.609	11.20	▲ 25.6%
2017-18	0.005	0.01	▼ 58.3%	20.645	33.28	▼ 14.0%	2.846	4.59	▼ 66.9%
2018-19	0.003	0.01	▼ 40.0%	19.286	33.46	▼ 6.6%	4.187	7.26	▲ 47.1%
2019-20	0.007	0.01	▲ 133.3%	17.959	22.05	▼ 6.9%	4.078	5.01	▼ 2.6%
2020-21	0.009	0.01	▲ 28.6%	19.320	17.72	▲ 7.6%	6.796	6.23	▲ 66.7%
2021-22	0.001	0.00	▼ 88.9%	10.798	15.67	▼ 44.1%	6.685	9.70	▼ 1.6%
Year	Maharashtra			Odisha			Telangana		
	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)	Quantity	Share(%)	Growth(%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2012-13	5.656	8.97	▲ 16.8%	18.175	28.83	▼ 18.4%	3.020	4.79	▼ 0.6%
2013-14	5.670	10.21	▲ 0.2%	14.293	25.75	▼ 21.4%	5.548	9.99	▲ 83.7%
2014-15	5.370	9.04	▼ 5.3%	12.538	21.11	▼ 12.3%	5.348	9.01	▼ 3.6%
2015-16	7.170	10.97	▲ 33.5%	10.330	15.80	▼ 17.6%	7.025	10.75	▲ 31.4%
2016-17	12.771	16.61	▲ 78.1%	6.393	8.31	▼ 38.1%	7.481	9.73	▲ 6.5%
2017-18	10.917	17.60	▼ 14.5%	11.178	18.02	▲ 74.8%	4.921	7.93	▼ 34.2%
2018-19	8.939	15.51	▼ 18.1%	12.906	22.39	▲ 15.5%	1.611	2.79	▼ 67.3%
2019-20	13.673	16.79	▲ 53.0%	20.999	25.79	▲ 62.7%	3.192	3.92	▲ 98.1%
2020-21	14.533	13.33	▲ 6.3%	24.922	22.85	▲ 18.7%	5.247	4.81	▲ 64.4%
2021-22	8.311	12.06	▼ 42.8%	17.449	25.33	▼ 30.0%	4.726	6.86	▼ 9.9%

Contd.....

Table-4.4 : Share of Raw Coal Pit-Head Closing Stock by States 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)
2011-13	3.224	5.11	▲ 113.7%	2.112	3.35	▼ 19.0%	63.049	▼ 14.8%
2013-14	1.274	2.29	▼ 60.5%	1.618	2.91	▼ 23.4%	55.514	▼ 12.0%
2014-15	2.484	4.18	▲ 95.0%	2.190	3.69	▲ 35.4%	59.389	▲ 7.0%
2015-16	3.570	5.46	▲ 43.7%	2.241	3.43	▲ 2.3%	65.361	▲ 10.1%
2016-17	2.684	3.49	▼ 24.8%	2.607	3.39	▲ 16.3%	76.889	▲ 17.6%
2017-18	2.389	3.85	▼ 11.0%	1.707	2.75	▼ 34.5%	62.036	▼ 19.3%
2018-19	0.759	1.32	▼ 68.2%	1.425	2.47	▼ 16.5%	57.640	▼ 7.1%
2019-20	1.388	1.70	▲ 82.9%	1.818	2.23	▲ 27.6%	81.432	▲ 41.3%
2020-21	5.163	4.73	▲ 272.0%	3.347	3.07	▲ 84.1%	109.060	▲ 33.9%
2021-22	1.678	2.44	▼ 67.5%	2.322	3.37	▼ 30.6%	68.889	▼ 36.8%

State Wise Share of Pit-Head Closing Stock of Raw Coal during 2021-22

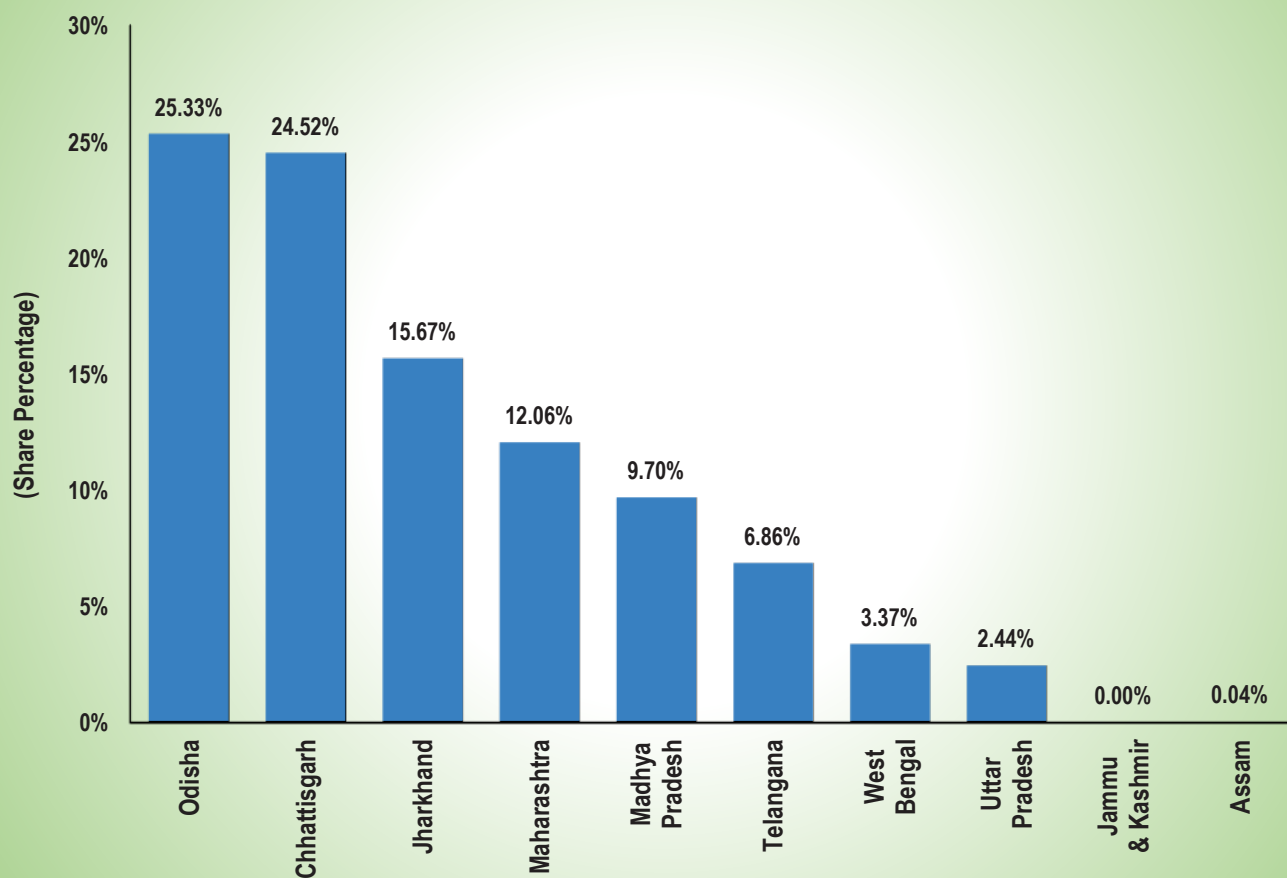


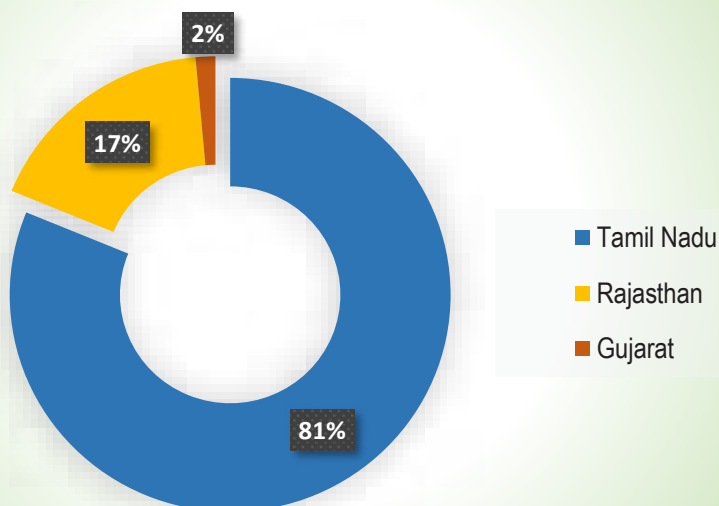
Table 4.5 : Share of Lignite of Pit-Head Closing Stock by States in last Ten Years

(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)
2012-13	1.121	75.08	▲ 90.3%	0.320	21.43	▼ 30.7%	0.052	3.48	▲ 100.0%
2013-14	1.739	93.49	▲ 55.1%	0.069	3.71	▼ 78.4%	0.052	2.80	▲ 0.0%
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	▼ 52.4%	0.588	17.35	▲ 91.5%

Year	All India	
	Quantity	Growth %
(11)	(12)	(13)
2012-13	1.493	▲ 42.1%
2013-14	1.860	▲ 24.6%
2014-15	3.176	▲ 70.8%
2015-16	4.809	▲ 51.4%
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%

State Wise Share of Pit-Head Closing Stock of Lignite during 2021-22



**Table-4.6 : Trend of Pit-Head Closing Stock of Raw Coal and Lignite by Companies in last Three Years**

(Qty. in MT)

Company	2019-20		2020-21		2021-22	
	Quantity	% of All India	Quantity	% of All India	Quantity	% of All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>COAL :</b>						
ECL	3.336	4.10	6.302	5.78	2.636	3.83
BCCL	2.314	2.84	3.800	3.48	2.009	2.92
CCL	13.302	16.34	10.491	9.62	7.521	10.92
NCL	3.999	4.91	10.396	9.53	7.165	10.40
WCL	14.296	17.56	14.879	13.64	8.419	12.22
SECL	17.718	21.76	29.585	27.13	16.381	23.78
SECL(GP-IV/2&3)	0.157	0.19	0.118	0.11	0.318	0.46
SECL(GP-IV/1)	0.000	0.00	0.000	0.00		
MCL	19.879	24.41	23.568	21.61	16.460	23.89
NEC	0.054	0.07	0.000	0.00	0.028	0.04
<b>CIL</b>	<b>75.055</b>	<b>92.17</b>	<b>99.139</b>	<b>90.90</b>	<b>60.937</b>	<b>88.46</b>
SCCL	3.188	3.91	5.239	4.80	4.718	6.85
JKML	0.007	0.01	0.009	0.01	0.001	0.00
JSMDCL	0.004	0.00	0.015	0.01	0.010	0.01
DVC	0.060	0.07	0.060	0.06	0.000	0.00
IISCO	0.004	0.00	0.003	0.00	0.002	0.00
SAIL	0.000	0.00	0.000	0.00	0.000	0.00
RRVUNL	0.000	0.00	0.000	0.00	0.000	0.00
NTPC	1.016	1.25	1.083	0.99	0.408	0.59
WBPDCCL	0.250	0.31	0.873	0.80	0.499	0.72
CSPGCL	0.492	0.60	0.334	0.31	0.074	0.11
TSPGCL	0.004	0.00	0.008	0.01	0.008	0.01
OCPL	0.488	0.60	0.685	0.63	0.375	0.54
DPL			0.043	0.04	0.025	0.04
NLCIL			0.313	0.29	0.301	0.44
KPCL					0.049	0.07
<b>Public</b>	<b>80.568</b>	<b>98.94</b>	<b>107.804</b>	<b>98.85</b>	<b>67.407</b>	<b>97.85</b>
TSL	0.012	0.01	0.016	0.01	0.009	0.01
HIL	0.141	0.17	0.131	0.12	0.070	0.10
SIL	0.063	0.08	0.031	0.03	0.033	0.05
SPL	0.181	0.22	0.683	0.63	0.530	0.77
GMR	0.000	0.00	0.000	0.00	0.000	0.00
BALCO	0.230	0.28	0.001	0.00	0.001	0.00
CESC	0.219	0.27	0.334	0.31	0.295	0.43
JPVL	0.001	0.00	0.000	0.00	0.000	0.00
JPL					0.077	0.11
RCCPL	0.001	0.00	0.000	0.00	0.001	0.00
TUML	0.002	0.00	0.001	0.00	0.044	0.06
OCL	0.000	0.00	0.000	0.00	0.000	0.00
AMBUJA	0.014	0.02	0.059	0.05	0.010	0.01
BSIL					0.019	0.03
UTCL					0.003	0.00
SEML					0.390	0.57
<b>Private</b>	<b>0.864</b>	<b>1.06</b>	<b>1.256</b>	<b>1.15</b>	<b>1.482</b>	<b>2.15</b>
<b>All India</b>	<b>81.432</b>	<b>100.00</b>	<b>109.060</b>	<b>100.00</b>	<b>68.889</b>	<b>100.00</b>
<b>LIGNITE :</b>						
NLCL	5.059	92.07	4.571	91.77	2.752	81.20
GMDCL	0.000	0.00	0.000	0.00	0.000	0.00
GIPCL	0.000	0.00	0.000	0.00	0.000	0.00
GHCL	0.028	0.51	0.014	0.28	0.026	0.77
RSMML	0.000	0.00	0.000	0.00	0.000	0.00
VSLPPL	0.020	0.36	0.064	1.28	0.074	2.18
BLMCL	0.388	7.06	0.243	4.88	0.514	15.17
GPCL			0.089	1.79	0.023	0.68
<b>All India</b>	<b>5.495</b>	<b>100.00</b>	<b>4.981</b>	<b>100.00</b>	<b>3.389</b>	<b>100.00</b>
<b>Coal &amp; Lignite</b>	<b>86.927</b>		<b>114.041</b>		<b>72.278</b>	

**Table-4.7 : State Wise & Company Wise Pit-Head Closing Stock of Raw Coal by type in last Three Years**

(Qty. in MT)

State	Company	2019-2020			2020-2021			2021-2022		
		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		0.054	0.054		0.000	0.000		0.028	0.028
Chhattisgarh	SECL	0.087	17.035	17.122	0.019	29.064	29.083	0.001	15.969	15.970
	SECL(GP-IV/2&3)		0.157	0.157		0.118	0.118	0.000	0.318	0.318
	RRVUNL		0.000	0.000		0.000	0.000		0.000	0.000
	NTPC		0.190	0.190		0.101	0.101		0.027	0.027
	CSPGCL		0.492	0.492		0.334	0.334		0.074	0.074
	HIL		0.059	0.059		0.027	0.027		0.024	0.024
	SEML								0.390	0.390
	BALCO		0.230	0.230		0.001	0.001		0.001	0.001
	JPL(GP-IV/1)		0.000	0.000		0.000	0.000		0.077	0.077
	AMBUJA		0.014	0.014		0.059	0.059		0.010	0.010
	<b>TOTAL</b>	<b>0.087</b>	<b>18.177</b>	<b>18.264</b>	<b>0.019</b>	<b>29.704</b>	<b>29.723</b>	<b>0.001</b>	<b>16.890</b>	<b>16.891</b>
Jammu & Kashmir	JKML		0.007	0.007		0.009	0.009		0.001	0.001
Jharkhand	ECL	0.008	2.060	2.068	0.005	4.245	4.250	0.004	1.040	1.044
	BCCL	2.197	0.040	2.237	3.468	0.268	3.736	1.953	0.008	1.961
	CCL	4.052	9.250	13.302	3.658	6.833	10.491	2.494	5.027	7.521
	JSMDCL		0.004	0.004		0.015	0.015		0.010	0.010
	DVC	0.060		0.060	0.060		0.060			0.000
	IISCO			0.000			0.000			0.000
	SAIL	0.000		0.000	0.000		0.000			0.000
	NTPC		0.194	0.194		0.626	0.626		0.068	0.068
	WBPDCCL					0.022	0.022		0.139	0.139
	TSL	0.012		0.012	0.016		0.016	0.009		0.009
HIL		0.082	0.082		0.104	0.104		0.046	0.046	
	<b>TOTAL</b>	<b>6.329</b>	<b>11.630</b>	<b>17.959</b>	<b>7.207</b>	<b>12.113</b>	<b>19.320</b>	<b>4.460</b>	<b>6.338</b>	<b>10.798</b>
Madhya Pradesh	NCL		2.611	2.611		5.233	5.233		5.487	5.487
	WCL	0.003	0.685	0.688	0.001	0.377	0.378	0.002	0.251	0.253
	SECL		0.596	0.596		0.502	0.502		0.411	0.411
	SPL		0.181	0.181		0.683	0.683		0.530	0.530
	UTCL								0.003	0.003
	JPVL		0.001	0.001		0.000	0.000		0.000	0.000
	RCCPL		0.001	0.001		0.000	0.000		0.001	0.001
	<b>TOTAL</b>	<b>0.003</b>	<b>4.075</b>	<b>4.078</b>	<b>0.001</b>	<b>6.795</b>	<b>6.796</b>	<b>0.002</b>	<b>6.683</b>	<b>6.685</b>
Maharashtra	WCL		13.608	13.608		14.501	14.501		8.166	8.166
	KPCL								0.049	0.041
	SIL		0.063	0.063		0.031	0.031		0.033	0.033
	BSIL								0.019	0.019
	TUML		0.002	0.002		0.001	0.001		0.044	0.044
		<b>TOTAL</b>	<b>0.000</b>	<b>13.673</b>	<b>13.673</b>	<b>0.000</b>	<b>14.533</b>	<b>14.533</b>	<b>0.000</b>	<b>8.311</b>
Odisha	MCL		19.879	19.879		23.568	23.568		16.460	16.460
	OCPL		0.488	0.488		0.685	0.685		0.375	0.375
	NTPC		0.632	0.632		0.356	0.356		0.313	0.313
	NLCIL		0.000	0.000		0.313	0.313		0.301	0.301
	GMR		0.000	0.000		0.000	0.000		0.000	0.000
		<b>TOTAL</b>	<b>0.000</b>	<b>20.999</b>	<b>20.999</b>	<b>0.000</b>	<b>24.922</b>	<b>24.922</b>	<b>0.000</b>	<b>17.449</b>
Telangana	SCCL		3.188	3.188		5.239	5.239		4.718	4.718
	TSPGCL		0.004	0.004		0.008	0.008		0.008	0.008
		<b>TOTAL</b>	<b>0.000</b>	<b>3.192</b>	<b>3.192</b>	<b>0.000</b>	<b>5.247</b>	<b>5.247</b>	<b>0.000</b>	<b>4.726</b>
Uttar Pradesh	NCL		1.388	1.388		5.163	5.163		1.678	1.678
West Bengal	ECL	0.002	1.266	1.268	0.001	2.051	2.052	0.002	1.590	1.592
	BCCL	0.001	0.076	0.077	0.000	0.064	0.064	0.000	0.048	0.048
	IISCO		0.004	0.004		0.003	0.003		0.002	0.002
	WBPDCCL		0.250	0.250		0.851	0.851		0.360	0.360
	DPL					0.043	0.043		0.025	0.025
	OCL		0.000	0.000		0.000	0.000		0.000	0.000
	CESC		0.219	0.219		0.334	0.334		0.295	0.295
	<b>TOTAL</b>	<b>0.003</b>	<b>1.815</b>	<b>1.818</b>	<b>0.001</b>	<b>3.346</b>	<b>3.347</b>	<b>0.002</b>	<b>2.320</b>	<b>2.322</b>
<b>Total Public</b>		<b>6.410</b>	<b>74.158</b>	<b>80.568</b>	<b>7.212</b>	<b>100.592</b>	<b>107.804</b>	<b>4.456</b>	<b>62.951</b>	<b>67.407</b>
<b>Total Private</b>		<b>0.012</b>	<b>0.852</b>	<b>0.864</b>	<b>0.016</b>	<b>1.240</b>	<b>1.256</b>	<b>0.009</b>	<b>1.473</b>	<b>1.482</b>
<b>All India</b>		<b>6.422</b>	<b>75.010</b>	<b>81.432</b>	<b>7.228</b>	<b>101.832</b>	<b>109.060</b>	<b>4.465</b>	<b>64.424</b>	<b>68.889</b>

Table 4.8 : Captive Block Wise Closing Stock of Raw Coal during last Three Years

(Qty. in MT)

Block	Company	State	2019-20			2020-21			2021-22			
			Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Gare Palma IV/2 & 3	SECL	Chhattisgarh		0.157	<b>0.157</b>		0.118	<b>0.118</b>		0.318	<b>0.318</b>	
Parsa East & Kanta Basan	RRVUNL			0.000	<b>0.000</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>	
Tallipalli	NTPC			0.190	<b>0.190</b>		0.101	<b>0.101</b>		0.027	<b>0.027</b>	
Gare Palma Sector-III	CSPGCL			0.492	<b>0.492</b>		0.334	<b>0.334</b>		0.074	<b>0.074</b>	
Pakri Barwadiah	NTPC	Jharkhand		0.194	<b>0.194</b>		0.626	<b>0.626</b>		0.068	<b>0.068</b>	
Tasra	SAIL			0.000	<b>0.000</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>	
Pachhwara North	WBPDCL				<b>0.000</b>		0.022	<b>0.022</b>		0.139	<b>0.139</b>	
Dulanga	NTPC	Odisha		0.632	<b>0.632</b>		0.356	<b>0.356</b>		0.313	<b>0.313</b>	
Talabira II & III	NLCL				<b>0.000</b>		0.313	<b>0.313</b>		0.301	<b>0.301</b>	
Manoharpur	OCPL			0.488	<b>0.488</b>		0.685	<b>0.685</b>		0.375	<b>0.375</b>	
Baranji I-IV, Kiloni & Manohardih	KPCL	Maharashtra								0.049	<b>0.049</b>	
Tadicherla	TSPGCL	Telangana		0.004	<b>0.004</b>		0.008	<b>0.008</b>		0.008	<b>0.008</b>	
Barjora	WBPDCL	West Bengal		0.000	<b>0.000</b>		0.103	<b>0.103</b>		0.170	<b>0.170</b>	
Barjora North	WBPDCL				<b>0.000</b>		0.218	<b>0.218</b>		0.046	<b>0.046</b>	
Gangaramchak Bhadulia	WBPDCL				<b>0.000</b>		0.530	<b>0.530</b>		0.144	<b>0.144</b>	
Trans Damodar	DPL				<b>0.000</b>		0.043	<b>0.043</b>		0.025	<b>0.025</b>	
<b>Total Public</b>			<b>0.000</b>	<b>2.157</b>	<b>2.157</b>	<b>0.000</b>	<b>3.457</b>	<b>3.457</b>	<b>0.000</b>	<b>2.057</b>	<b>2.057</b>	
Chotia II	BALCO	Chhattisgarh		0.230	<b>0.230</b>		0.001	<b>0.001</b>		0.001	<b>0.001</b>	
Gare Palma IV/4	HIL			0.058	<b>0.058</b>		0.027	<b>0.027</b>		0.024	<b>0.024</b>	
Gare Palma IV/5	HIL			0.001	<b>0.001</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>	
Gare Palma IV/1	JPL									0.077	<b>0.077</b>	
Gare Palma IV/7	SEML									0.390	<b>0.390</b>	
Gare Palma IV/8	AMBUJA			0.014	<b>0.014</b>		0.059	<b>0.059</b>		0.010	<b>0.010</b>	
Kathautia	HIL		Jharkhand		0.082	<b>0.082</b>		0.104	<b>0.104</b>		0.046	<b>0.046</b>
Amelia North	JPVL		Madhya Pradesh		0.001	<b>0.001</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>
Bicharpur	UTCL									0.003	<b>0.003</b>	
Moher & Moher Amlori Extn	SPL			0.181	<b>0.181</b>		0.683	<b>0.683</b>		0.530	<b>0.530</b>	
Sial Ghogri	RCCPL			0.001	<b>0.001</b>		0.000	<b>0.000</b>		0.001	<b>0.001</b>	
Belgaon	SIL	Maharashtra		0.063	<b>0.063</b>		0.031	<b>0.031</b>		0.033	<b>0.033</b>	
Marki Mangli III	BSIL									0.019	<b>0.019</b>	
Marki Mangli I	TUML			0.002	<b>0.002</b>		0.001	<b>0.001</b>		0.044	<b>0.044</b>	
Talabira I	GMR	Odisha		0.000	<b>0.000</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>	
Ardhagram	OCL	West Bengal		0.000	<b>0.000</b>		0.000	<b>0.000</b>		0.000	<b>0.000</b>	
Sarshatali	CESC			0.219	<b>0.219</b>		0.334	<b>0.334</b>		0.295	<b>0.295</b>	
<b>Total Private</b>			<b>0.000</b>	<b>0.852</b>	<b>0.852</b>	<b>0.000</b>	<b>1.240</b>	<b>1.240</b>	<b>0.000</b>	<b>1.473</b>	<b>1.473</b>	
<b>Grand Total</b>			<b>0.000</b>	<b>3.009</b>	<b>3.009</b>	<b>0.000</b>	<b>4.697</b>	<b>4.697</b>	<b>0.000</b>	<b>3.530</b>	<b>3.530</b>	



# SECTION V

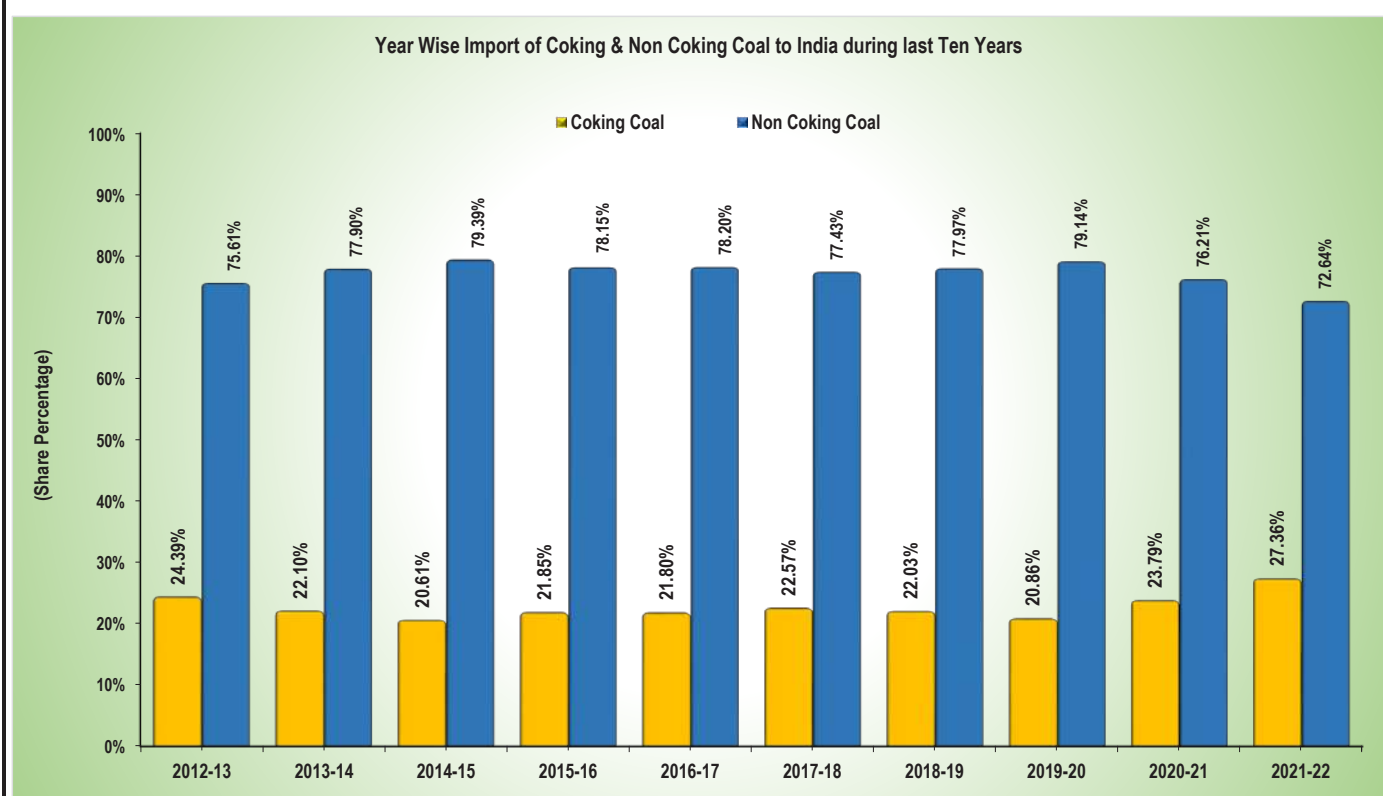


**IMPORT - EXPORT**

**Table 5.1 : 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)
2012-13	35.557	378398.09	6942.27	110.228	490056.94	9009.19	145.785	868455.02	15951.46	2.377	47711.63	1012.87
Growth(%)	▲ 11.8%	▼ 10.9%	▼ 21.7%	▲ 55.2%	▲ 34.8%	▲ 18.0%	▲ 41.8%	▲ 10.2%	▼ 3.3%	▲ 59.4%	▲ 52.9%	▲ 48.3%
2013-14	36.872	348318.65	5744.41	129.985	574973.16	9536.52	166.857	923291.81	15280.93	3.081	56918.82	1044.23
Growth(%)	▲ 3.7%	▼ 7.9%	▼ 17.3%	▲ 17.9%	▲ 17.3%	▲ 5.9%	▲ 14.5%	▲ 6.3%	▼ 4.2%	▲ 29.6%	▲ 19.3%	▲ 3.1%
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	57.161	1029958.47	13786.02	151.773	1257459.99	16837.79	208.934	2287418.46	30623.81	2.481	80519.14	1076.97
Growth(%)	▲ 11.6%	▲ 127.1%	▲ 125.0%	▼ 7.5%	▲ 77.9%	▲ 76.5%	▼ 2.9%	▲ 97.2%	▲ 95.5%	▲ 1.0%	▲ 80.2%	▲ 78.4%



Source: DGCI & S, Kolkata

**Table 5.2 : Year Wise Export of Coal, Coke & Other Coal Products from India during last Ten Years**

(Qty. in MT &amp; Value in Million Rs. &amp; 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)
2012-13	0.056	302.18	5.54	2.386	8349.02	153.48	2.442	8651.20	159.03	1.201	6017.15	110.37
Growth(%)	▼ 82.4%	▼ 92.9%	▼ 93.7%	▲ 235.9%	▲ 129.6%	▲ 101.0%	▲ 137.5%	▲ 9.8%	▼ 3.6%	▲ 4953.3%	▲ 1161.1%	▲ 989.6%
2013-14	0.008	34.94	0.61	2.180	10805.12	180.91	2.188	10840.07	181.52	0.154	1521.38	25.63
Growth(%)	▼ 85.7%	▼ 88.4%	▼ 88.9%	▼ 8.6%	▲ 29.4%	▲ 17.9%	▼ 10.4%	▲ 25.3%	▲ 14.1%	▼ 87.2%	▼ 74.7%	▼ 76.8%
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	1.168	10203.90	136.03	1.169	10211.27	136.13	0.500	16124.21	214.95
Growth(%)	▼ 61.9%	▼ 68.1%	▼ 68.3%	▼ 60.3%	▲ 78.6%	▲ 75.7%	▼ 60.3%	▲ 78.0%	▲ 75.1%	▲ 1875.9%	▲ 5069.5%	▲ 4978.2%

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

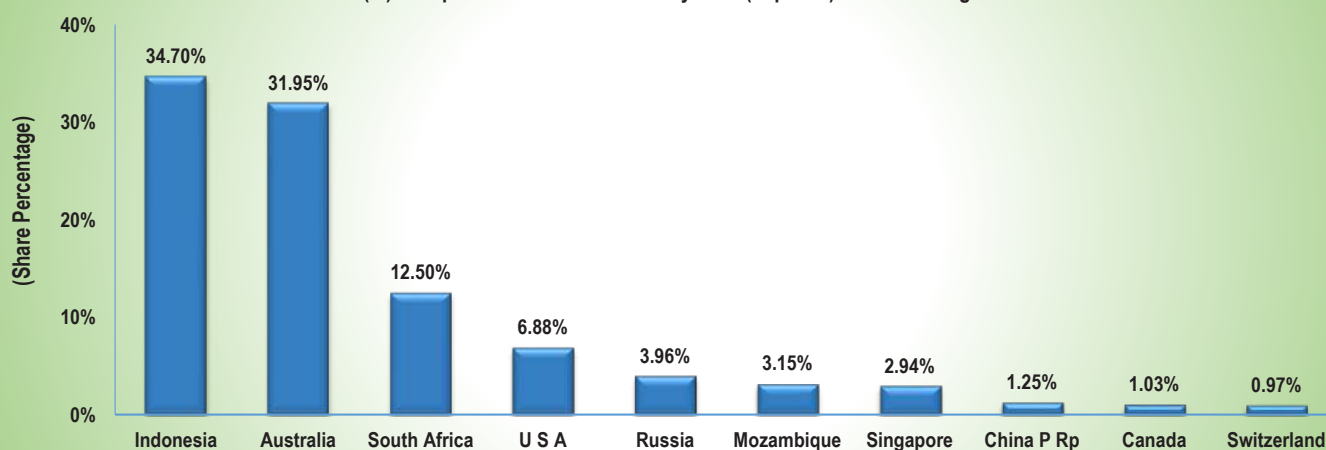

Source: DGCI &amp; S, Kolkata

**Table 5.3 : Source Country Wise Import of Coal, Coke & Other Coal Products to India during 2021-22**

(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)
Afghanistan				0.00004	0.27	0.00	0.00004	0.27	0.00			
Australia	40.38316	718402.73	9621.31	26.37583	252737.68	3387.77	66.75899	971140.41	13009.08	0.08430	2766.93	37.10
Austria	0.03150	890.78	11.88				0.03150	890.78	11.88			
Baharain Is				0.00218	17.62	0.24	0.00218	17.62	0.24	0.00114	6.17	0.08
Bangladesh Pr				0.00305	38.23	0.51	0.00305	38.23	0.51			
Belgium				0.00002	0.86	0.01	0.00002	0.86	0.01			
Bhutan							0.00000	0.00	0.00	0.00009	3.25	0.04
Canada	2.14745	34900.18	467.94	0.00000	0.00	0.00	2.14745	34900.18	467.94	0.00027	4.50	0.06
Chile							0.00000	0.00	0.00	0.01180	429.08	5.69
China P Rp	0.92037	15641.44	209.91	1.69639	16133.55	216.86	2.61675	31774.99	426.77	0.08862	3535.64	46.47
Colombia				0.05123	675.15	9.00	0.05123	675.15	9.00	0.46096	12558.65	168.34
Denmark							0.00000	0.00	0.00	0.00197	38.36	0.51
Estonia							0.00000	0.00	0.00	0.00040	8.74	0.12
France							0.00000	0.00	0.00	0.00000	0.04	0.00
Germany	0.08248	965.32	12.96	0.00005	2.31	0.03	0.08253	967.64	12.99	0.00044	10.73	0.14
Hong Kong				0.01838	388.67	5.22	0.01838	388.67	5.22	0.00134	24.45	0.33
Indonesia	1.10408	17550.27	234.17	71.39253	470530.62	6298.48	72.49661	488080.89	6532.65	0.08797	3182.24	42.41
Ireland							0.00000	0.00	0.00	0.00015	2.02	0.03
Japan							0.00000	0.00	0.00	0.31260	10220.10	136.71
Kazakhstan				0.48893	2768.03	37.49	0.48893	2768.03	37.49			
Korea Rp							0.00000	0.00	0.00	0.03638	1209.31	16.37
Latvia							0.00000	0.00	0.00	0.00474	96.83	1.30
Lithuania							0.00000	0.00	0.00	0.00273	62.13	0.84
Malaysia	0.03731	472.68	6.43				0.03731	472.68	6.43			
Mozambique	1.80921	32026.81	428.55	4.76236	43593.66	582.62	6.57157	75620.47	1011.17			
Netherland				0.07213	847.44	11.52	0.07213	847.44	11.52	0.03969	1709.11	22.94
New Zealand	0.09878	969.90	13.02				0.09878	969.90	13.02			
Poland							0.00000	0.00	0.00	1.02352	36107.96	482.86
Qatar							0.00000	0.00	0.00	0.00540	44.35	0.59
Russia	1.57657	25702.69	343.33	6.69826	92960.32	1244.26	8.27483	118663.01	1587.59	0.04783	1492.07	20.02
Singapore	4.30202	93738.03	1252.29	1.84095	22665.79	302.27	6.14297	116403.82	1554.56	0.02511	709.32	9.38
South Africa				26.10869	241288.99	3229.77	26.10869	241288.99	3229.77	0.01082	256.15	3.47
Spain							0.00000	0.00	0.00	0.00009	3.49	0.05
Switzerland	0.57249	11608.74	154.52	1.45149	14409.92	192.68	2.02398	26018.65	347.19	0.20355	5543.79	74.42
Tanzania Rep				0.09093	1018.12	13.67	0.09093	1018.12	13.67			
U Arab Emts	0.23129	3424.20	46.05	0.13781	1805.70	24.11	0.36910	5229.90	70.15	0.00390	63.67	0.86
U K	0.01440	290.84	3.88	0.00599	65.86	0.88	0.02039	356.71	4.77	0.00042	14.37	0.19
U S A	3.85030	73373.86	979.79	10.52390	94494.93	1266.89	14.37420	167868.79	2246.68	0.00000	0.72	0.01
Ukraine							0.00000	0.00	0.00	0.02500	410.61	5.58
Venezuela							0.00000	0.00	0.00	0.00022	4.39	0.06
Vietnam Soc Rep				0.05120	1016.27	13.51	0.05120	1016.27	13.51			
Unspecified							0.00000	0.00	0.00			
<b>Total</b>	<b>57.16139</b>	<b>1029958.47</b>	<b>13786.02</b>	<b>151.77331</b>	<b>1257459.99</b>	<b>16837.79</b>	<b>208.93370</b>	<b>2287418.46</b>	<b>30623.81</b>	<b>2.48147</b>	<b>80519.14</b>	<b>1076.97</b>

Share (%) of Imported Coal Source Country Wise (Top Ten) to India during 2021-22



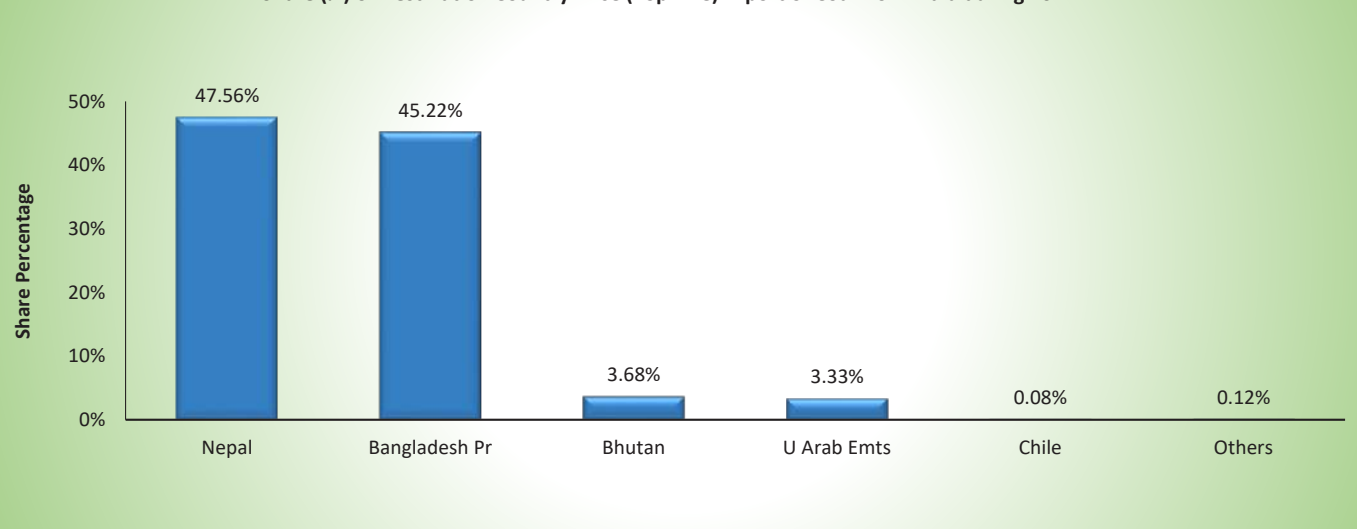
Source: DGCI & S, Kolkata

**Table 5.4 : Destination Country Wise Export of Coal, Coke & Other Coal Products from India during 2021-22**

(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)
Angola				0.000001	0.05	0.00	0.000001	0.05	0.00			
Australia							0.000000	0.00	0.00	0.015000	835.23	11.22
Baharain Is				0.000017	1.07	0.01	0.000017	1.07	0.01			
Bangladesh Pr	0.001018	5.38	0.07	0.527695	4039.50	53.78	0.528713	4044.88	53.86	0.014071	294.85	3.95
Bhutan				0.043066	475.84	6.39	0.043066	475.84	6.39	0.018619	531.99	7.10
Brazil							0.000000	0.00	0.00	0.027500	861.64	11.56
Canada				0.000000	0.00	0.00	0.000000	0.00	0.00			
Chile				0.000981	17.73	0.24	0.000981	17.73	0.24			
China P Rp				0.000000	0.00	0.00	0.000000	0.00	0.00	0.000010	0.99	0.01
Egypt A Rp				0.000000	0.00	0.00	0.000000	0.00	0.00			
France				0.000000	0.00	0.00	0.000000	0.00	0.00	0.064000	2824.09	37.30
Georgia				0.000010	0.35	0.00	0.000010	0.35	0.00			
Germany	0.000004	0.03	0.00	0.000003	0.03	0.00	0.000007	0.06	0.00	0.000000	0.00	0.00
Greece				0.000016	0.58	0.01	0.000016	0.58	0.01			
Indonesia							0.000000	0.00	0.00	0.055232	1629.14	21.87
Iraq				0.000150	1.53	0.02	0.000150	1.53	0.02			
Italy							0.000000	0.00	0.00	0.053723	1898.48	25.08
Japan				0.000000	0.07	0.00	0.000000	0.07	0.00	0.111967	3920.50	52.21
Jordan							0.000000	0.00	0.00	0.000086	4.18	0.06
Kenya				0.000004	0.50	0.01	0.000004	0.50	0.01			
Korea Rp							0.000000	0.00	0.00	0.002140	71.39	0.96
Malaysia				0.000058	1.74	0.02	0.000058	1.74	0.02			
Maldives							0.000000	0.00	0.00			
Mauritius				0.000004	0.15	0.00	0.000004	0.15	0.00			
Mongolia				0.000049	0.56	0.01	0.000049	0.56	0.01			
Nepal	0.000198	1.95	0.03	0.555984	5338.99	71.17	0.556182	5340.94	71.20	0.034427	252.71	3.38
Nigeria				0.000192	4.01	0.05	0.000192	4.01	0.05	0.000110	2.48	0.03
Oman							0.000000	0.00	0.00	0.000141	5.56	0.07
Philippines				0.000194	4.29	0.06	0.000194	4.29	0.06	0.022000	417.12	5.56
Qatar				0.000023	1.31	0.02	0.000023	1.31	0.02	0.000241	7.83	0.10
Reunion	0.000000	0.01	0.00				0.000000	0.01	0.00			
Romania							0.000000	0.00	0.00	0.027500	817.14	10.97
Saudi Arab				0.000220	6.62	0.09	0.000220	6.62	0.09	0.000129	3.20	0.04
Singapore				0.000000	0.02	0.00	0.000000	0.02	0.00			
South Africa							0.000000	0.00	0.00	0.000028	1.36	0.02
Sri Lanka Dsr				0.000198	4.03	0.05	0.000198	4.03	0.05	0.000123	5.68	0.08
Tanzania Rep				0.000001	0.00	0.00	0.000001	0.00	0.00	0.000038	1.93	0.03
Thailand				0.000270	5.86	0.08	0.000270	5.86	0.08	0.000079	3.17	0.04
U Arab Emnts				0.038955	298.55	4.01	0.038955	298.55	4.01	0.000028	0.42	0.01
U K				0.000000	0.00	0.00	0.000000	0.00	0.00			
U S A				0.000002	0.03	0.00	0.000002	0.03	0.00	0.000100	5.15	0.07
Vietnam Soc Rep				0.000018	0.46	0.01	0.000018	0.46	0.01	0.053000	1727.97	23.23
<b>Total</b>	<b>0.001220</b>	<b>7.37</b>	<b>0.10</b>	<b>1.168109</b>	<b>10203.90</b>	<b>136.03</b>	<b>1.169330</b>	<b>10211.27</b>	<b>136.13</b>	<b>0.500293</b>	<b>16124.21</b>	<b>214.95</b>

**Share (%) of Destination Country Wise (Top Five) Export of Coal from India during 2021-22**



Source: DGCI & S, Kolkata

**Table 5.5 : Destination Port Wise Import of Coal, Coke & Other Coal Products to India during 2021-22**

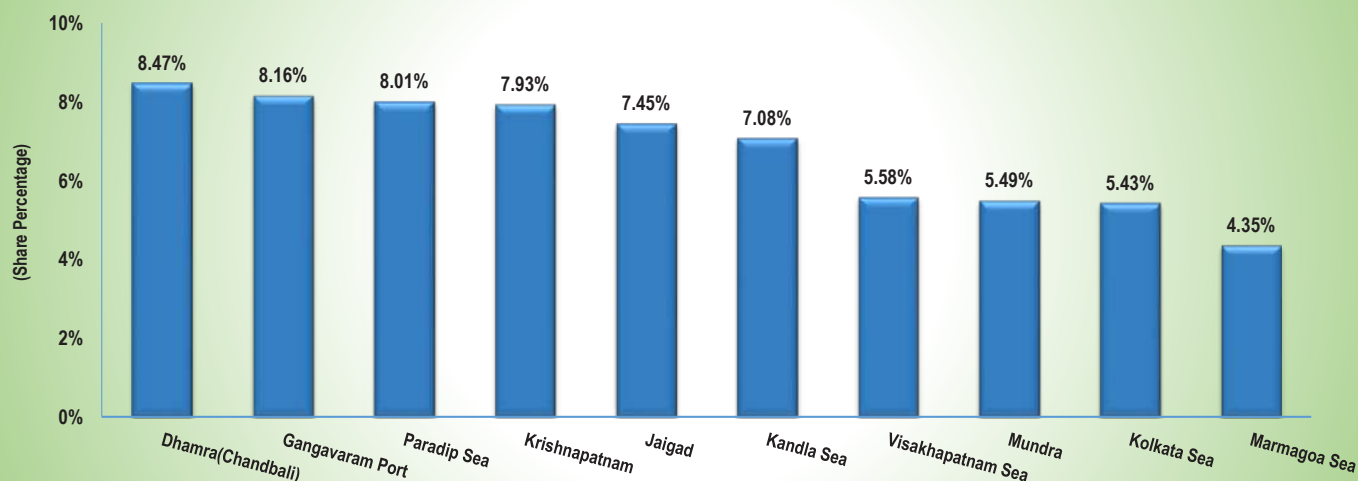
(Qty. in MT & Value in Million Rs. & US \$)

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)
Appiic Multi Prod Sez Vizag Dc				0.15400	978.79	13.08	0.15400	978.79	13.08	0.06023	1771.28	23.79
Bedi Sea	0.13542	1331.23	17.94	0.36449	2584.83	34.75	0.49991	3916.06	52.69			
Bhavnagar				1.51445	10008.95	134.36	1.51445	10008.95	134.36			
Chennai Air	0.00000	0.05	0.00				0.00000	0.05	0.00			
Chennai Sea				0.00785	315.59	4.23	0.00785	315.59	4.23	0.00159	51.00	0.69
Cochin Sea				0.00003	1.33	0.02	0.00003	1.33	0.02			
Concor Icd Naya Raipur				0.00023	7.85	0.11	0.00023	7.85	0.11			
Concor Icd/Mmp Khapri Nagpur				0.00059	29.87	0.40	0.00059	29.87	0.40	0.00016	0.62	0.01
Dehej Sea				5.76052	44711.15	599.63	5.76052	44711.15	599.63			
Delhi (Icd)							0.00000	0.00	0.00	0.00134	42.36	0.57
Delhi Air				0.00000	0.48	0.01	0.00000	0.48	0.01	0.00000	0.72	0.01
Dhahanu Sea				0.10901	1058.27	13.88	0.10901	1058.27	13.88			
Dhamra(Chandbali)	10.01936	176367.95	2362.38	7.68321	85218.40	1139.81	17.70258	261586.35	3502.19			
Dharmatar Sea				2.86137	21062.44	282.89	2.86137	21062.44	282.89			
Dighi Port Mumbai				0.10700	855.51	11.42	0.10700	855.51	11.42			
Ennore Sea	1.56823	32619.32	435.77	6.22543	45585.60	612.04	7.79366	78204.92	1047.82			
Gangavaram Port	5.73226	104388.34	1396.58	11.31215	102871.55	1375.88	17.04441	207259.89	2772.46	0.01070	252.92	3.42
Gopalpur Port	0.13300	2807.73	37.45	0.80529	6960.75	93.27	0.93829	9768.49	130.72			
Hazira Port, Surat				6.62027	42351.34	568.38	6.62027	42351.34	568.38			
Hetero Infra Sez Nakkapalli AP				0.04830	382.57	5.11	0.04830	382.57	5.11			
Htpl Kilaraipur Icd				0.00011	3.00	0.04	0.00011	3.00	0.04			
Icd Bangalore							0.00000	0.00	0.00	0.00000	0.15	0.00
Icd Concor Jharsuguda				0.00246	29.75	0.40	0.00246	29.75	0.40			
Icd Dhandari Kalan, Pswc				0.00011	2.83	0.04	0.00011	2.83	0.04			
Icd Durgapur, Wb				0.00050	5.77	0.08	0.00050	5.77	0.08	0.00380	60.69	0.82
Icd Jajpur				0.01958	267.99	3.61	0.01958	267.99	3.61			
Icd Kanakpura				0.00078	11.48	0.15	0.00078	11.48	0.15			
Icd Ludhiana				0.00005	2.09	0.03	0.00005	2.09	0.03			
Icd Maliwada							0.00000	0.00	0.00	0.00197	38.36	0.51
Icd Patli							0.00000	0.00	0.00	0.00018	4.03	0.05
Icd Sabarmati							0.00000	0.00	0.00	0.00001	0.60	0.01
Jaigad	6.87467	118447.78	1583.35	8.68746	58045.20	777.05	15.56213	176492.98	2360.40	0.01530	294.32	3.93
Jaigaon							0.00000	0.00	0.00	0.00009	3.25	0.04
Jakhav				0.47391	3767.23	50.31	0.47391	3767.23	50.31			
Kakinada Sea	0.56171	13132.64	174.78	0.68824	4560.80	61.53	1.24995	17693.44	236.32			
Kandla Sea	0.58208	9333.84	125.50	14.20702	121327.84	1626.48	14.78910	130661.68	1751.98	0.00600	300.89	4.04
Karikal				2.63362	18357.06	246.06	2.63362	18357.06	246.06			
Kodinar Sea				0.10999	940.65	12.54	0.10999	940.65	12.54			
Kolkata Air	0.00000	0.20	0.00	0.00000	0.71	0.01	0.00000	0.91	0.01			
Kolkata Sea	7.84118	143520.01	1921.25	3.50898	42554.75	567.58	11.35016	186074.76	2488.83	0.10563	2734.32	36.71
Krishnapatnam	2.39517	42401.99	567.90	14.18051	104779.50	1401.97	16.57568	147181.49	1969.87	0.01597	351.65	4.65
Lcs Mahurighat				0.00032	4.06	0.05	0.00032	4.06	0.05			
Magdalla Port Sea				7.03983	59998.94	803.96	7.03983	59998.94	803.96	1.29317	45656.51	610.40

**Table 5.5 : Destination Port Wise Import of Coal, Coke & Other Coal Products to India during 2021-22**

(Qty. in MT &amp; Value in Million Rs. &amp; 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)
Marmagoa Sea	5.70319	97613.14	1308.94	3.39508	39530.67	528.53	9.09827	137143.81	1837.46	0.13097	5176.89	68.70
Mumbai Air	0.00000	0.10	0.00	0.00002	1.53	0.02	0.00002	1.63	0.02	0.00000	0.04	0.00
Mumbai Sea				2.18422	17739.55	237.87	2.18422	17739.55	237.87			
Mundra	0.82606	17043.33	227.06	10.64218	81344.12	1090.33	11.46824	98387.45	1317.39	0.00029	5.64	0.08
Navlakhi				7.08770	44260.45	592.70	7.08770	44260.45	592.70			
Newmangalore Sea	0.60448	9706.76	129.25	3.22567	28528.25	382.39	3.83015	38235.01	511.64	0.19797	6416.71	85.88
Nhava Sheva Sea				0.26849	2367.02	31.58	0.26849	2367.02	31.58	0.01554	281.80	3.79
Okha	0.06131	633.74	8.51	1.07658	8927.00	119.05	1.13789	9560.74	127.56			
Paradip Sea	9.72419	173613.03	2323.74	7.00476	84697.36	1132.30	16.72895	258310.39	3456.04	0.14939	3678.95	49.38
Parri Infra Co Pvt Ltd				0.09680	429.15	5.74	0.09680	429.15	5.74			
Pipavab(Vicyor)	0.02450	249.90	3.38	0.92311	9990.28	134.44	0.94761	10240.17	137.81			
Porbandar				0.21616	1804.06	24.16	0.21616	1804.06	24.16			
Ranpar				0.26640	1636.66	21.80	0.26640	1636.66	21.80			
Revdanda				0.48282	3141.04	42.10	0.48282	3141.04	42.10			
Salaya	0.01484	246.79	3.35	2.05740	12774.77	171.54	2.07224	13021.56	174.89			
Saraf Agencies Pvt Ltd				0.00334	70.94	0.95	0.00334	70.94	0.95			
Sez Dahej				0.00400	21.24	0.29	0.00400	21.24	0.29	0.00009	3.49	0.05
Sez Jamnagar (Reliance)				0.21838	1955.47	25.75	0.21838	1955.47	25.75			
Sez Mundra				6.00987	43720.65	585.03	6.00987	43720.65	585.03			
Sikka				0.05353	601.62	8.08	0.05353	601.62	8.08			
Srimantapur				0.00273	34.17	0.46	0.00273	34.17	0.46			
Tuticorin Sea				4.12511	26840.48	360.41	4.12511	26840.48	360.41	0.00104	75.77	1.01
Visakhapatnam Sea	4.35973	86500.61	1158.87	7.30029	67398.58	901.11	11.66002	153899.19	2059.99	0.47003	13316.21	178.44
<b>Total</b>	<b>57.16139</b>	<b>1029958.47</b>	<b>13786.02</b>	<b>151.77331</b>	<b>1257459.99</b>	<b>16837.79</b>	<b>208.93370</b>	<b>2287418.46</b>	<b>30623.81</b>	<b>2.48147</b>	<b>80519.14</b>	<b>1076.97</b>

**Share (%) of Top Ten Port Wise Imported Coal to India during 2021-22**


Source: DGCI &amp; S, Kolkata

**Table 5.6 : Port Wise Export of Coal, Coke & Other Coal Products from India during 2021-22**

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

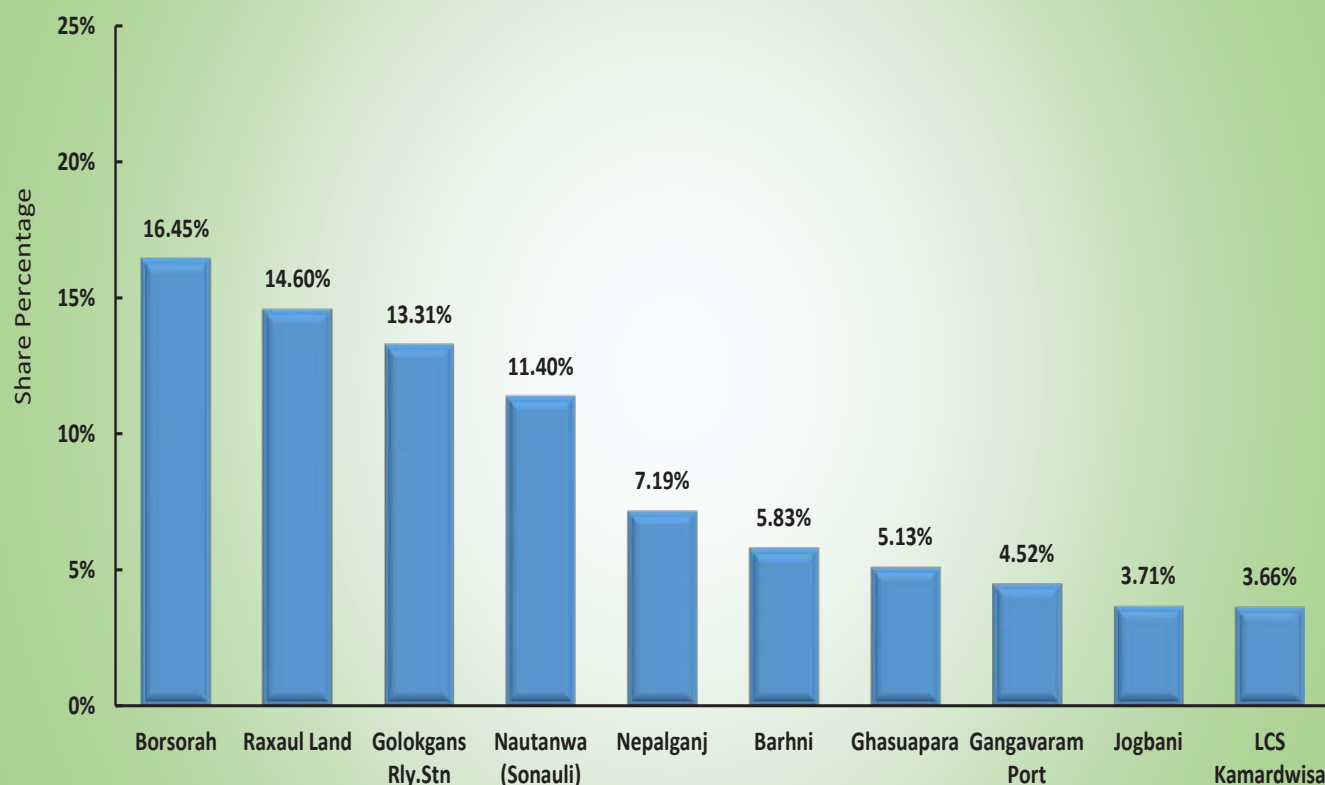
Port	Coking Coal			Non Coking Coal			Total Coal			Coke & Coal Products		
	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)	Qty.	Value(Rs)	Value(\$)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Ahmedabad Air Cargo Complex				0.00000	0.08	0.00	0.00000	0.08	0.00	0.00000	0.01	0.00
Bairgania				0.00787	58.99	0.79	0.00787	58.99	0.79			
Bangalore Airport				0.00000	0.00	0.00	0.00000	0.00	0.00	0.00000	0.00	0.00
Barhni				0.06812	636.14	8.48	0.06812	636.14	8.48			
Bhimnagar				0.01167	104.95	1.40	0.01167	104.95	1.40			
Bhithamore				0.00513	42.93	0.57	0.00513	42.93	0.57			
Borsorah				0.19234	1344.49	17.93	0.19234	1344.49	17.93			
Chennai Air					0.00	0.00	0.00000	0.00	0.00			
Chennai Sea				0.00000	0.04	0.00	0.00000	0.04	0.00			
Concor Icd/Mmlp Khapri Nagpur				0.00006	1.69	0.02	0.00006	1.69	0.02			
Darranga (Rangia)							0.00000	0.00	0.00	0.00396	95.56	1.28
Delhi (Icd)				0.00000	0.07	0.00	0.00000	0.07	0.00			
Delhi Air				0.00000	0.04	0.00	0.00000	0.04	0.00			
Dhamra(Chandbali)							0.00000	0.00	0.00	0.21665	7988.59	106.16
Gangavaram Port				0.05290	843.91	11.20	0.05290	843.91	11.20			
Ghasuapara				0.06000	369.08	4.94	0.06000	369.08	4.94			
Golokgans Rly.Stn	0.00102	5.38	0.07	0.15461	1083.09	14.39	0.15563	1088.48	14.46			
Gouriphanta				0.00338	35.74	0.48	0.00338	35.74	0.48			
Hatisar (Deosiri)				0.00020	2.48	0.03	0.00020	2.48	0.03			
Hazira Port, Surat				0.00015	5.30	0.07	0.00015	5.30	0.07			
Hili (West)				0.00061	4.44	0.06	0.00061	4.44	0.06			
Hyderabad Airport				0.00000	0.00	0.00	0.00000	0.00	0.00			
ICD Borkhedi				0.00000	0.00	0.00	0.00000	0.00	0.00			
ICD Hyderabad				0.00000	0.36	0.00	0.00000	0.36	0.00			
ICD Patli				0.00000	0.05	0.00	0.00000	0.05	0.00			
ICD Vadodara/Baroda				0.00000	0.15	0.00	0.00000	0.15	0.00			
Jaigaon				0.00010	2.23	0.03	0.00010	2.23	0.03	0.01466	436.43	5.82
Jogbani				0.04337	444.71	5.96	0.04337	444.71	5.96	0.00114	13.57	0.18
Kandla Sea							0.00000	0.00	0.00	0.05500	1822.74	24.25
Kolkata Air				0.00000	0.00	0.00	0.00000	0.00	0.00			
Kolkata Sea				0.00017	4.07	0.05	0.00017	4.07	0.05	0.00003	1.36	0.02
Kotwaligate (Mohedipur)				0.00008	0.91	0.01	0.00008	0.91	0.01			
LCS Khunwa				0.01727	153.56	2.03	0.01727	153.56	2.03	0.00147	11.92	0.16
LCS Kamardwisa				0.04277	471.14	6.33	0.04277	471.14	6.33			
Magdalla Port Sea				0.03858	288.60	3.87	0.03858	288.60	3.87			
Mumbai Air	0.00000	0.01	0.00	0.00000	0.01	0.00	0.00000	0.01	0.00	0.00000	0.11	0.00
Mundra				0.00212	43.37	0.58	0.00212	43.37	0.58	0.00342	119.05	1.60
Nautanwa (Sonauli)				0.13334	1187.77	15.85	0.13334	1187.77	15.85	0.00145	10.53	0.14
Nepalganj	0.00020	1.95	0.03	0.08383	960.53	12.81	0.08403	962.48	12.83	0.00074	7.02	0.09
Nhava Sheva Sea	0.00000	0.03	0.00	0.00022	5.18	0.07	0.00023	5.21	0.07	0.00004	1.84	0.03
Panitanki							0.00000	0.00	0.00	0.01676	115.87	1.55



**Table 5.6 : Port Wise Export of Coal, Coke & Other Coal Products from India during 2021-22**

(Qty. in MT &amp; Value in Million Rs. &amp; 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)
Paradip Sea							0.00000	0.00	0.00	0.15802	5109.97	68.45
Petrapole Land				0.00041	3.08	0.04	0.00041	3.08	0.04	0.00754	152.03	2.04
Pipraun				0.00016	1.65	0.02	0.00016	1.65	0.02			
Raxaul Land				0.17076	1602.34	21.32	0.17076	1602.34	21.32	0.01271	92.43	1.24
Sonbarsa				0.00829	83.51	1.11	0.00829	83.51	1.11			
Sutarkandi				0.03303	169.61	2.28	0.03303	169.61	2.28			
T.T.Shed (Kidderpore)				0.03372	220.88	2.93	0.03372	220.88	2.93	0.00653	142.82	1.91
Tikunia				0.00021	1.65	0.02	0.00021	1.65	0.02			
Toothibari, Maharajganj				0.00263	25.09	0.33	0.00263	25.09	0.33	0.00015	1.36	0.02
Tuticorin Sea							0.00000	0.00	0.00	0.00001	0.99	0.01
Unspecified							0.00000	0.00	0.00			
<b>Total</b>	<b>0.00122</b>	<b>7.37</b>	<b>0.10</b>	<b>1.16811</b>	<b>10203.90</b>	<b>136.03</b>	<b>1.16933</b>	<b>10211.27</b>	<b>136.13</b>	<b>0.50029</b>	<b>16124.21</b>	<b>214.95</b>

**Share (%) of Top Ten Port Wise Export of Coal from India during 2021-22**


Source: DGCI &amp; S, Kolkata

# SECTION VI

An aerial photograph of a massive open-pit mine. The landscape is characterized by deep, terraced pits and a complex network of conveyor belts and roads. A prominent winding road runs through the center-right of the image, flanked by a narrow water channel. The terrain is a mix of brown earth and grey rock. In the background, a long, low ridge of earth stretches across the horizon under a clear blue sky with a few wispy clouds.

# CAPTIVE & COMMERCIAL BLOCKS

**Table 6.1: Coal Blocks Allocated/Vested under CM(SP) Act and MMDR Act & Lignite Blocks upto 2021-22 (Except CIL as Custodian)**

Sector	End-use	No. of Blocks	Geological/Extractable Reserve (Qty. in MT)
(1)	(2)	(3)	(4)
<b>Coal Blocks</b>			
Public Sector Undertakings	Power	52	12057.54
	Commercial Mining	17	3686.14
	NRS	3	267.68
	UMPP	2	334
	<b>Total</b>	<b>74</b>	<b>16345.13</b>
Private Companies	Power	5	199.19
	Commercial Mining	26	5326.02
	NRS	20	676.35
	UMPP	0	0.00
	<b>Total</b>	<b>51</b>	<b>6201.56</b>
All India	<b>Power</b>	<b>57</b>	<b>12256.73</b>
	<b>Commercial Mining</b>	<b>43</b>	<b>9012.16</b>
	NRS	23	944.03
	UMPP	2	333.77
	<b>Total</b>	<b>125</b>	<b>22546.69</b>
<b>Lignite Blocks</b>			
State PSU	Power	12	1093.94
	Commercial	11	408.93
	<b>Total</b>	<b>23</b>	<b>1502.87</b>
Private	Power	1	44.66
	Commercial	1	7.80
	<b>Total</b>	<b>2</b>	<b>52.46</b>
All India	<b>Power</b>	<b>13</b>	<b>1138.60</b>
	<b>Commercial</b>	<b>12</b>	<b>416.73</b>
	<b>Grand Total</b>	<b>25</b>	<b>1555.33</b>

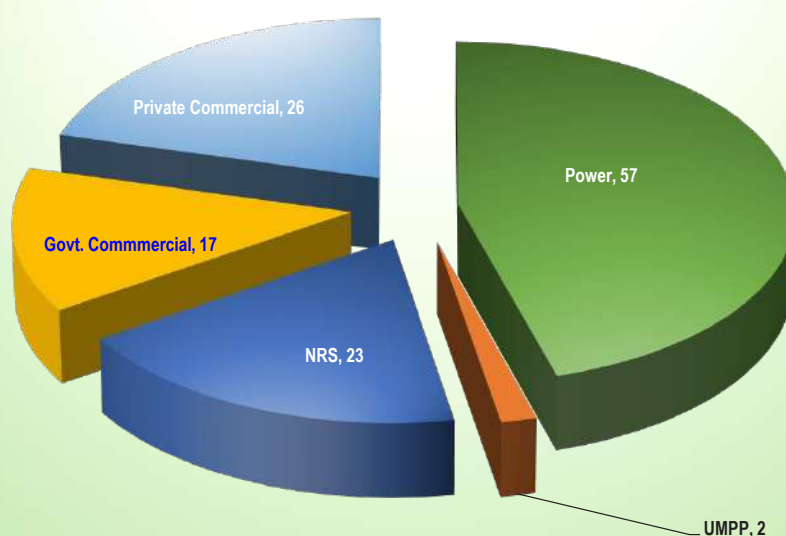
**Table 6.2: Year Wise and Sector Wise Captive Coal Blocks Allocated/Vested including Blocks Allotted under MMDR Act upto 2021-22 (Except CIL as Custodian)**

(GR in MT)

Year of Allotment	Power		UMPP		NRS		Govt. Commercial		Private Commercial		Total	
	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(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	44	6936.78			15	315.33	0	0.00			59	7252.11
2015-16	6	1079.00			3	172.69	7	1338.24			16	2589.93
2016-17	1	393.60									1	393.60
2017-18	2	2648.61					2	251.30			4	2899.91
2018-19	0	0.00					3	1789.00			3	1789.00
2019-20	3	590.93	0		4	359.70	2	55.97			9	1006.60
2020-21	0	0.00	0	0.00	0	0.00	3	251.63	26	5326.02	29	5577.65
2021-22	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		0.00
<b>Total</b>	<b>57</b>	<b>12256.73</b>	<b>2</b>	<b>333.77</b>	<b>23</b>	<b>944.03</b>	<b>17</b>	<b>3686.14</b>	<b>26</b>	<b>0.00</b>	<b>125</b>	<b>22546.69</b>

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

**Sector Wise Number Allotment of Captive Coal Blocks upto 2021-22**



**Table 6.3: State Wise and Sector Wise Captive Coal Blocks Allocated/Vested including Blocks Allotted under MMDR Act upto 2021-22 (Except CIL as Custodian)**

(GR in MT)

State	Power		UMPP		NRS		Govt. Commercial		Private Commercial		Total	
	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve	Coal Blocks (No.)	Geological/ Extractable Reserve
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Chhattisgarh	14	3489.21	0		4	133.75	2	296.32	5	729.10	25	4648.38
Jharkhand	14	4019.44	0	0.00	6	215.18	7	968.90	6	966.10	33	6169.62
Madhya Pradesh	2	442.78	2	333.77	4	92.18	1	141.00	8	1268.07	17	2277.80
Maharashtra	7	289.39	0	0.00	4	28.50	0	0.00	4	252.52	15	570.41
Odisha	9	1694.50	0	0.00	3	304.10	4	1702.90	3	2110.23	19	5811.73
Telangana	1	38.70	0	0.00	0	0.00	1	110.87	0	0.00	2	149.57
West Bengal	10	2282.71	0	0.00	2	170.32	2	466.15	0	0.00	14	2919.18
<b>Total</b>	<b>57</b>	<b>12256.73</b>	<b>2</b>	<b>333.77</b>	<b>23</b>	<b>944.03</b>	<b>17</b>	<b>3686.14</b>	<b>26</b>	<b>5326.02</b>	<b>125</b>	<b>22546.69</b>

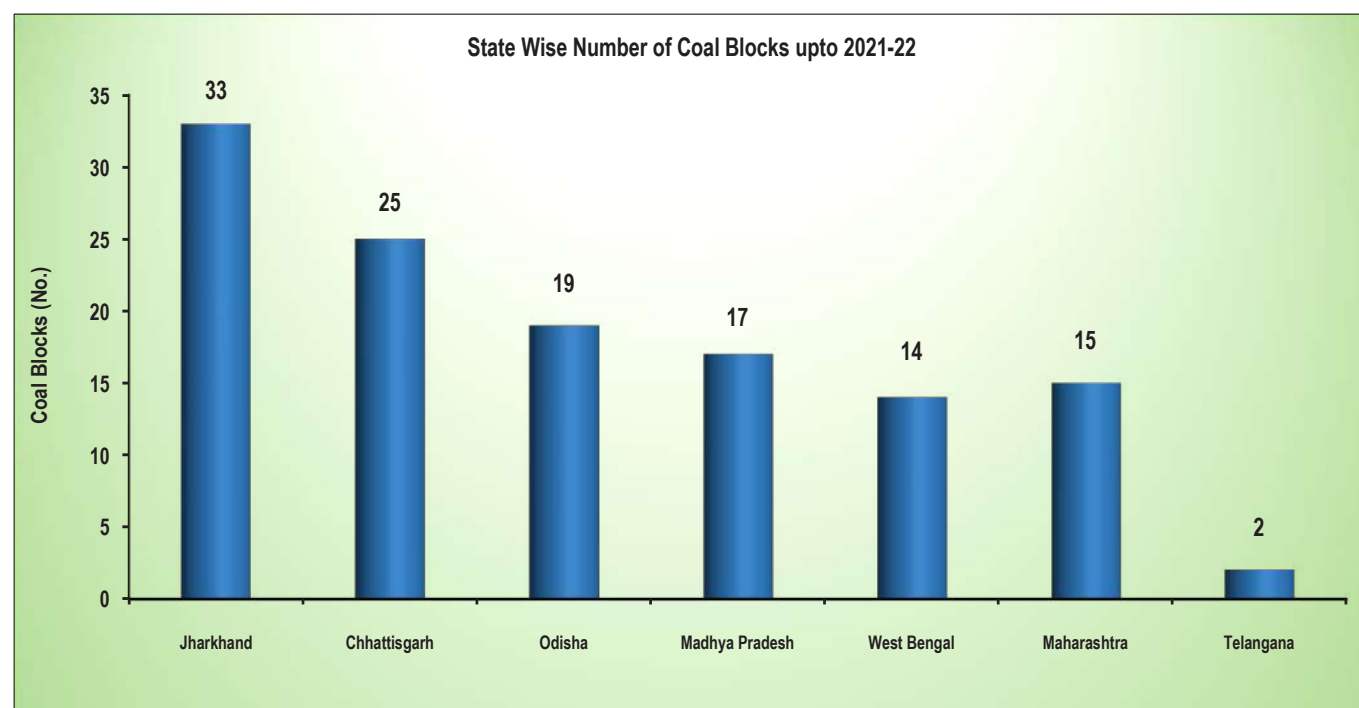


Table 6.4 : Lignite Blocks Allocated upto 2021-22

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
<b>Total Gujarat</b>					<b>15</b>		<b>762.840</b>		
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	Kapurdi	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
<b>Total Rajasthan</b>					<b>10</b>		<b>792.49</b>		
<b>Grand Total</b>					<b>25</b>		<b>1555.33</b>		

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

**Table 6.5 : State Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1-2	Parsa East, Kanta Basan	2	CH	363.23	31.03.2015	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(C)	Power
3	Gare Palma Sector I	1	CH	194.00	14.09.2015	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power
4	Gare Palma Sector II	1	CH	655.15	31.08.2015	Allotted	Maharashtra State Power Generation Co Ltd	PSU(S)	Power
5	Gare Palma Sector III	1	CH	89.43	14.09.2015	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
6-7	Gidhmuri, Paturia	2	CH	257.83	13.10.2015	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
8	Parsa	1	CH	184.26	08.09.2015	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
9	Talaipalli	1	CH	842.27	08.09.2015	Allotted	NTPC Ltd	PSU(C)	Power
10-11	Durgapur-II Taraimar & Durgapur-II Sarya	2	CH	303.04	02.03.2020	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
12	Kente Extn	1	CH	200.00	31.03.2015	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
13	Banai	1	CH	200.00	31.03.2015	Allotted	NTPC Ltd	PSU(C)	Power
14	Bhalumuda	1	CH	200.00	31.03.2015	Allotted	NTPC Ltd	PSU(C)	Power
<b>Total Chhattisgarh Power</b>		<b>14</b>	<b>3489.21</b>						
15	Chotia	1	CH	7.38	23.03.2015	Vested	Bharat Aluminium Company Ltd	PVT	NRS
16	Gare Palma IV-4	1	CH	7.38	23.03.2015	Vested	Hindalco Industries Limited	PVT	NRS
17	Gare Palma IV-5	1	CH	74.69	23.03.2015	Vested	Hindalco Industries Limited	PVT	NRS
18	Gare-Palma Sector-IV/8	1	CH	44.30	22.04.2015	Vested	Ambuja Cements Limited	PVT	NRS
<b>Total Chhattisgarh NRS</b>		<b>4</b>	<b>133.75</b>						
19	Madanpur South	1	CH	183.38	29.09.2016	Allotted	Andhrapradesh Mineral Development Corp Ltd	PSU(S)	Commercial
20	Gare Palma IV-7	1	CH	52.19	08.03.2021	Vested	Sarda Energy and Minerals Limited	PVT	Commercial
21	Gare Palma IV-1	1	CH	130.00	2021	Vested	Jindal Power Limited	PVT	Commercial
22	Kerwa	1	CH	112.94	21.07.2016	Allotted	Kerwa Coal Ltd ( Joint Venture of Chhattisgarh Mineral Development Corpn. And M.P. state Mining Corp Ltd.	PSU(S)	Commercial
23	Bhaskarpara	1	CH	46.91	18.11.2021	Vested	Prakash Industries Limited	PVT	Commercial
24	Jhigador	1	CH	250.00	18.11.2021	Vested	CG Natural Resources Private Ltd	PVT	Commercial
25	Khargaon	1	CH	250.00	18.11.2021	Vested	CG Natural Resources Private Ltd	PVT	Commercial
<b>Total Chhattisgarh Commercial</b>		<b>7</b>	<b>1025.42</b>						
contd...									

**Table 6.5 : State Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Private	End-use Plant		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
26	Pachhwarra Central	1	JH	239.75	31.03.2015	Allotted	Punjab State Power Corp Ltd	PSU(S)	Power		
27	Pachhwarra North	1	JH	374.56	31.03.2015	Allotted	West Bengal Power Development Corporation Limited	PSU(S)	Power		
28	Badam	1	JH	90.50	31.08.2015	Allotted	Bihar State Power Generation Co Ltd	PSU(S)	Power		
29	Banhardih	1	JH	553.00	30.06.2015	Allotted	Jharkhand Urja Utpadan Nigam Ltd	PSU(S)	Power		
30-31	Chatti Bariatu, Chatti Bariatu South	2	JH	390.96	08.09.2015	Allotted	NTPC Ltd	PSU(C)	Power		
32	Kerandari	1	JH	142.01	08.09.2015	Allotted	NTPC Ltd	PSU(C)	Power		
33	Rajbar D & E	1	JH	526.05	30.06.2015	Allotted	Tenughat Vidyut Nigam Ltd	PSU(S)	Power		
34	Saharpur Jamarpani	1	JH	524.00	13.08.2015	Allotted	UP Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power		
35	Ganeshpur	1	JH	91.80	22.04.2015	Vested	GMR Chhattisgarh Energy Limited	PVT	Power		
36	Kalyanpur-Badalpara	1	JH	200.00	24.02.2016	Allotted	Haryana Powe Generation Corp Ltd	PSU(S)	Power		
37	Pachwara South	1	JH	279.00	03.10.2016	Allotted	M/s Neyveli Uttar Pradesh Power Ltd (JV of NLC India Ltd CPSU and Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd SPSU)	PSU(C)	Power		
38	Tubed	1	JH	NA	07.10.2016	Allotted	Damodar Valley Corporation	PSU(S)	Power		
39	Pakri Barwadi	1	JH	607.81	11.10.2004	Allotted	NTPC	PSU(C)	Power		
<b>Total Jharkhand Power</b>		<b>14</b>	<b>4019.44</b>								
40	Tokisud North	1	JH	51.97	22.09.2020	Allotted	NMDC Limited	PSU(C)	Commercial		
41	Jogeswar & Khas Jogeswar	1	JH	84.03	18.11.2021	Vested	South West Pinnacle Exploration Limited	PVT	Commercial		
42-43	Kotre Basantpur & Pachmo	2	JH	251.30	21.11.2019	Allotted	Central Coalfields Ltd	PSU(C)	Commercial		
44	Sugia Closed Mine	1	JH	4.00	22.09.2020	Allotted	Jharhand State Mineral Development Corp Ltd	PSU(S)	Commercial		
45	Rohne	1	JH	241.00	16.12.2019	Allotted	NMDC Limited	PSU(C)	Commercial		
46	Rauta Closed Mine	1	JH	7.00	18.11.2021	Vested	Shreesatya Mines Pvt Ltd	PVT	Commercial		
47	Brahmadiha	1	JH	10.63	02.03.2021	Vested	Andhra Pradesh Mineral Development Corp Ltd	PSU(S)	Commercial		
48	Chakla	1	JH	83.10	03.03.2021	Vested	Hindalco Industries Limited	PVT	Commercial		
49	Gondulpara	1	JH	74.88	08.03.2021	Vested	Adani Enterprises Limited	PVT	Commercial		
50	Rajhara North (Central & Eastern)	1	JH	17.09	03.03.2021	Vested	Fairmine Carbons Private Limited	PVT	Commercial		
51	Urma Paharitola	1	JH	700.00	03.03.2021	Vested	Aurobindo Reality and Infrastructure Private Limited	PVT	Commercial		
52	Amarkonda Murgadangal	1	JH	410.00	24.01.2019	Allotted	Eastern Coalfields Limited	PSU(C)	Commercial		
<b>Total Jharkhand Commercial</b>		<b>13</b>	<b>1935.00</b>								
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**Table 6.5 : State Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

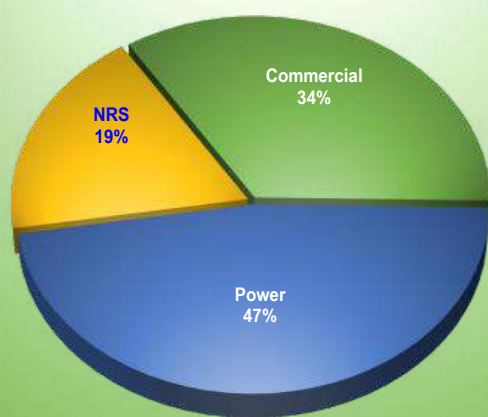
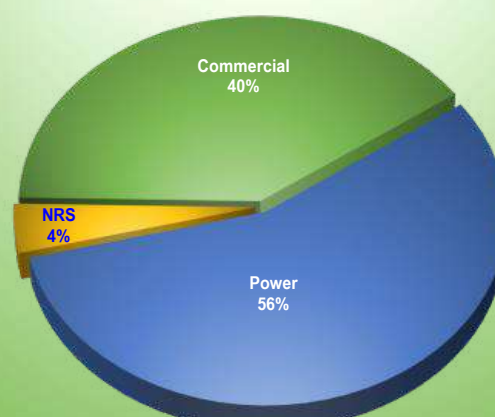
Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
53	Kauthatia	1	JH	21.10	23.03.2015	Vested	Hindalco Industries Limited	PVT	NRS
54	Dumri	1	JH	46.14	22.04.2015	Vested	Hindalco Industries Limited	PVT	NRS
55	Lohari	1	JH	9.05	22.04.2015	Vested	Araanya Mines Private Limited	PVT	NRS
56	Meral	1	JH	12.67	22.04.2015	Vested	Trimula Industries Limited	PVT	NRS
57	Moitra	1	JH	29.91	22.04.2015	Vested	JSW Steel Limited	PVT	NRS
58	Tasra	1	JH	96.31	26.02.1996	Allotted	SAIL	PSU(C)	NRS
<b>Total Jharkhand NRS</b>		<b>6</b>	<b>215.17</b>						
59	Amelia	1	MP	393.60	17.01.2017	Allotted	THDC India Limited (JV of Govt. of India & Govt. of U.P.)	PSU(C)	Power
60	Amelia (North)	1	MP	49.18	23.03.2015	Vested	Jaiprakash Power Ventures Ltd.	PVT	Power
61-62	Moher, Moher-Amlori Extn.	2	MP	333.77	13.09.2006	Allotted	Power Finance Corporation	PSU(C)	UMPP
<b>Total Madhya Pradesh Power</b>		<b>4</b>	<b>776.55</b>						
63	Sial Ghogri	1	MP	5.11	23.03.2015	Vested	Reliance Cement Company Pvt. Ltd.	PVT	NRS
64	Bicharpur	1	MP	29.10	23.03.2015	Vested	UltraTech Cement Ltd.	PVT	NRS
65	Bikram	1	MP	20.97	10.02.2020	Vested	Birla Corporation Limited	PVT	NRS
66	Brahampuri	1	MP	37.00	10.02.2020	Vested	Birla Corporation Limited	PVT	NRS
<b>Total Madhya Pradesh NRS</b>		<b>4</b>	<b>92.18</b>						
67	Suliyari	1	MP	141.00	29.09.2016	Allotted	The Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial
68-69	Gotitoria (East) & Gotitoria (West)	2	MP	9.34	2021	Vested	Boulder Stone Mart Private Limited	PVT	Commercial
70	Sahapur West	1	MP	42.00	03.03.2021	Vested	Sarda Energy and Minerals Limited	PVT	Commercial
71	Sahapur East	1	MP	63.63	03.03.2021	Vested	Chowgule and Company Private Limited	PVT	Commercial
72	Urtan North	1	MP	69.82	03.03.2021	Vested	JMS Mining Private Limited	PVT	Commercial
73	Bandha	1	MP	441.50	03.03.2021	Allotted	EMIL Mines and Mineral Resources Limited	PVT	Commercial
74	Dhirauli	1	MP	586.39	03.03.2021	Allotted	Startech Mineral Resources Pvt. Ltd.	PVT	Commercial
75	Urtan	1	MP	55.39	03.03.2021	Allotted	JMS Mining Private Limited	PVT	Commercial
<b>Total Madhya Pradesh Commercial</b>		<b>9</b>	<b>1409.07</b>						
76-81	Baranj – I, II, III, IV, Kiloni & Manora Deep	6	MH	89.39	31.03.2015	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
82	Mahajanwadi	1	MH	200.00	24.02.2016	Allotted	Maharashtra State Power Generation Corp. Ltd	PSU(S)	Power
<b>Total Maharashtra Power</b>		<b>7</b>	<b>289.39</b>						
									contd...

**Table 6.5 : State Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
83	Marki Mangli III	1	MH	3.45	17.04.2015	Vested	B.S. Ispat Ltd.	PVT	NRS
84	Nerad Malegaon	1	MH	10.62	22.04.2015	Vested	Indrajit Power Pvt. Ltd.	PVT	NRS
85	Marki Mangli-I	1	MH	1.78	30.09.2015	Vested	Topworth Urja and Metals Ltd.	PVT	NRS
86	Belgaon	1	MH	12.65	23.03.2015	Vested	Sunflag Iron and Steel Co. Ltd	PVT	NRS
<b>Total Maharashtra NRS</b>		<b>4</b>	<b>28.50</b>						
87	Gondkhari	1	MH	98.72	18.11.2021	Vested	AdaniPower Maharashtra Ltd	PVT	Commercial
88	Bhivkund	1	MH	102.26	18.11.2021	Vested	Sunflag Iron and Steel Company Limited	PVT	Commercial
89	Marki Mangli II	1	MH	11.54	03.03.2021	Vested	Yazdani International Private Limited	PVT	Commercial
90	Takli Jena Bellora (North) & Takli Jena Bellora (South)	1	MH	40.00	03.03.2021	Vested	Aurobindo Reality and Infrastructure Private Limited	PVT	Commercial
<b>Total Maharashtra Commercial</b>		<b>4</b>	<b>252.52</b>						
91	Talabira-I	1	Odisha	2.40	23.03.2015	Vested	GMR Chhattisgarh Energy Ltd.	PVT	Power
92	Dulanga	1	Odisha	141.55	08.09.2015	Allotted	NTPC Ltd.	PSU(C)	Power
93-94	Manoharpur & Dipside of Manoharpur	2	Odisha	46.05	31.08.2015	Allotted	Odisha Coal & Power Ltd.	PSU(S)	Power
95	Naini	1	Odisha	270.00	13.08.2015	Allotted	The Singareni Collieries Co. Ltd.	PSU(C)	Power
96	Talabira II & III	1	Odisha	546.61	02.05.2016	Allotted	Neyveli Lignite Corporation Ltd.	PSU(C)	Power
97	Mandakini	1	Odisha	287.89	02.03.2020	Allotted	KPCL	PSU(S)	Power
98	Surapal-Nuapara	1	Odisha	200.00	24.02.2016	Allotted	Andhra Pradesh Power Generation Co Ltd	PSU(S)	Power
99	Chandrabila	1	Odisha	200.00	24.02.2016	Allotted	Tamil Nadu Generation & Distribution Corp Ltd	PSU(S)	Power
<b>Total Odisha Power</b>		<b>9</b>	<b>1694.50</b>						
100-101	Utkal E & D	2	Odisha	171.37	02.05.2016	Allotted	NALCO	PSU(C)	NRS
102	Jamkhani	1	Odisha	132.73	10.02.2020	Vested	Vedanta Limited	PVT	NRS
<b>Total Odisha NRS</b>		<b>3</b>	<b>304.10</b>						
103	Baitami West	1	Odisha	602.00	29.09.2016	Allotted	Odisha Mining Corporation Ltd.	PSU(S)	Commercial
104	New Patrapara	1	Odisha	1042.00	30.10.2019	Allotted	Singareni Collieries Ltd	PSU(S)	Commercial
105	Radhikapur (East)	1	Odisha	172.00	03.03.2021	Vested	EMIL Mines and Mineral Resources Limited	PVT	Commercial
106	Radhikapur (West)	1	Odisha	258.00	03.03.2021	Vested	Vedanta Limited	PVT	Commercial
107	Brahmani	1	Odisha	58.90	21.07.2016	Allotted	Orissa Minerals Development Company	PSU(S)	Commercial
108	Utkal A	1	Odisha	NA	18.11.2021	Allotted	MCL	PSU(C)	Commercial
109	Kurloi (A) North	1	Odisha	1680.23	03.09.2021	Vested	Vedanta Limited	PVT	Commercial
<b>Total Odisha Commercial</b>		<b>7</b>	<b>3813.13</b>						
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**Table 6.5 : State Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU(C) /Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
110	Tadicherla-I	1	Telangana	38.70	31.08.2015	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power
<b>Total Telangana Power</b>		<b>1</b>	<b>38.70</b>						
111	Penagaddppa	1	Telangana	110.87	15.12.2016	Allotted	M/s. Singareni Collieries Co. Ltd.	PSU(C)	Commercial
<b>Total Telangana Commercial</b>		<b>1</b>	<b>110.87</b>						
112	Trans Damodar	1	WB	18.81	23.03.2015	Vested	The Durgapur Projects Ltd.	PSU(S)	Power
113	Sarshatolli	1	WB	37.00	23.03.2015	Vested	CESC Ltd.	PVT	Power
114	Barjora (North)	1	WB	3.57	31.03.2015	Allotted	WBPDCL	PSU(C)	Power
115	Khagra Joydev	1	WB	103.80	31.03.2015	Allotted	Damodar Valley Corporation	PSU(C)	Power
116-117	Tara (East) and Tara (West)	2	WB	11.06	31.03.2015	Allotted	WBPDCL	PSU(S)	Power
118-119	Gangaramchak & Gangaramchak Bhadulia	2	WB	6.76	31.03.2015	Allotted	WBPDCL	PSU(S)	Power
120	Barjora	1	WB		31.03.2015	Allotted	WBPDCL	PSU(S)	Power
121	Deocha Pachami Dewanganj Harisingha	1	WB	2102.00	06.06.2018	Allotted	WBPDCL	PSU(S)	Power
<b>Total West Bengal power</b>		<b>10</b>	<b>2283.00</b>						
122	Ardhagram	1	WB	1.32	14.07.2016	Vested	OCL Iron and Steel Ltd.	PVT	NRS
123	Jagannathpur B	1	WB	169.00	13.02.2020	Vested	Powerplus Traders Private Limited	PVT	NRS
<b>Total West Bengal NRS</b>		<b>2</b>	<b>170.32</b>						
124	Gourangdih ABC	1	WB	129.15	29.09.2016	Allotted	West Bengal Mineral Development & Trading Corp. Ltd.	PSU(S)	Commercial
125	East of Danagoria	1	WB	337.00	21.11.2019	Allotted	BCCL	PSU(C)	Commercial
<b>Total West Bengal Commercial</b>		<b>2</b>	<b>466.15</b>						
<b>All India Total</b>		<b>125</b>	<b>22546.98</b>						

**Sector Wise Number Allotment of Captive Coal Blocks**

**Sector Wise Extractable Reserve of Captive Coal Blocks**


**Table 6.6: Sector Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU (C)/Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Gare Palma IV/4	1	CH	7.38	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
2	Gare Palma IV/5	1	CH	74.69	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
3	Chotia	1	CH	7.38	23.03.15	Vested	Bharat Aluminium Company Ltd.	P	NRS
4	Gare Palma IV/8	1	CH	44.30	22.04.15	Vested	Ambuja Cements Ltd.	P	NRS
5	Moitra	1	JH	29.91	22.04.15	Vested	JSW Steel Ltd.	P	NRS
6	Meral	1	JH	12.67	22.04.15	Vested	Trimula Industries Ltd.	P	NRS
7	Lohari	1	JH	9.05	22.04.15	Vested	Araanya Mines Private Ltd.	P	NRS
8	Kathautia	1	JH	21.10	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
9	Dumri	1	JH	46.14	22.04.15	Vested	Hindalco Industries Ltd.	P	NRS
10	Marki Mangli III	1	MH	3.45	17.04.15	Vested	B.S. Ispat Ltd.	P	NRS
11	Nerad Malegaon	1	MH	10.62	22.04.15	Vested	Indrajit Power Pvt. Ltd.	P	NRS
12	Marki Mangli-I	1	MH	1.78	30.09.15	Vested	Topworth Urja and Metals Ltd.	P	NRS
13	Belgaon	1	MH	12.65	23.03.15	Vested	Sunflag Iron and Steel Co. Ltd	P	NRS
14	Sial Ghogri	1	MP	5.11	23.03.15	Vested	Reliance Cement Company Pvt. Ltd.	P	NRS
15	Bicharpur	1	MP	29.10	23.03.15	Vested	UltraTech Cement Ltd.	P	NRS
16	Bikram	1	MP	20.97	10.02.20	Vested	Birla Corporation Limited	P	NRS
17	Brahampuri	1	MP	37.00	10.02.20	Vested	Birla Corporation Limited	P	NRS
18	Jamkhani	1	OD	132.73	10.02.20	Vested	Vedanta Limited	P	NRS
19	Ardhagram	1	WB	1.32	14.07.16	Vested	OCL Iron And Steel Ltd.	P	NRS
20	Jagannathpur B	1	WB	169.00	13.02.20	Vested	Powerplus Traders Private Limited	P	NRS
<b>Total Private NRS</b>		<b>20</b>		<b>676.35</b>					
21	Amelia (North)	1	MP	49.18	23.03.15	Vested	Jaiprakash Power Ventures Ltd.	P	Power
22	Ganeshpur	1	JH	91.80	22.04.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power
23	Talabira-I	1	OD	2.40	23.03.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power
24	Sarshatolli	1	WB	37.00	23.03.15	Vested	CESC Ltd.	P	Power
25	Trans Damodar	1	WB	18.81	23.03.15	Vested	Durgapur Projects Limited	P	Power
<b>Total Private Power</b>		<b>5</b>		<b>199.19</b>					
26	Gare Palma IV-7	1	CH	52.19	08.03.21	Vested	Sarda Energy and Minerals Limited	PVT	Commercial
27	Gare Palma IV-1	1	CH	130.00	2021	Vested	Jindal Power Limited	PVT	Commercial
28	Chakla	1	JH	83.10	03.03.21	Vested	Hindalco Industries Limited	PVT	Commercial
29	Gondulpara	1	JH	74.88	08.03.21	Vested	Adani Enterprises Limited	PVT	Commercial
30	Rajhara North (Central & Eastern)	1	JH	17.09	03.03.21	Vested	Fairmine Carbons Private Limited	PVT	Commercial
31	Urma Paharitola	1	JH	700.00	03.03.21	Vested	Aurobindo Reality and Infrastructure Private Limited	PVT	Commercial
32	Jogeswar & Khas Jogeswar	1	JH	84.03	18.11.21	Vested	South West Pinnacle Exploration Limited	PVT	Commercial
33-34	Gotitoria (East) & Gotitoria (West)	2	MP	9.34	2021	Vested	Boulder Stone Mart Private Limited	PVT	Commercial
35	Sahapur West	1	MP	42.00	03.03.21	Vested	Sarda Energy and Minerals Limited	PVT	Commercial

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**Table 6.6: Sector Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU (C)/Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
36	Sahapur East	1	MP	63.63	03.03.21	Vested	Chowgule and Company Private Limited	PVT	Commercial
37	Urtan North	1	MP	69.82	03.03.21	Vested	JMS Mining Private Limited	PVT	Commercial
38	Bandha	1	MP	441.50	03.03.21	Allotted	EMIL Mines and Mineral Resources Limited	PVT	Commercial
39	Dhirauli	1	MP	586.39	03.03.21	Allotted	Startech Mineral Resources Pvt. Ltd.	PVT	Commercial
40	Urtan	1	MP	55.39	03.03.21	Allotted	JMS Mining Private Limited	PVT	Commercial
41	Marki Mangli II	1	MH	11.54	03.03.21	Vested	Yazdani International Private Limited	PVT	Commercial
42	Takli Jena Bellora (North) & Takli Jena Bellora (South)	1	MH	40.00	03.03.21	Vested	Aurobindo Reality and Infrastructure Private Limited	PVT	Commercial
43	Radhikapur (East)	1	OD	172.00	03.03.21	Vested	EMIL Mines and Mineral Resources Limited	PVT	Commercial
44	Radhikapur (West)	1	OD	258.00	03.03.21	Vested	Vedanta Limited	PVT	Commercial
45	Bhaskarpara	1	CH	46.91	08.03.21	Vested	Prakash Industries Limited	PVT	Commercial
46	Gondkhari	1	MH	98.72	18.11.21	Vested	AdaniPower Maharashtra Ltd	PVT	Commercial
47	Bhivkund	1	MH	102.26	18.11.21	Vested	Sunflag Iron and Steel Company Limited	PVT	Commercial
48	Jhigador	1	CH	250.00	18.11.21	Vested	CG Natural Resources Private Ltd	PVT	Commercial
49	Khargaon	1	CH	250.00	18.11.21	Vested	CG Natural Resources Private Ltd	PVT	Commercial
50	Rauta Closed Mine	1	JH	7.00	18.11.21	Vested	Shreesatya Mines Pvt Ltd	PVT	Commercial
51	Kurloi (A) North	1	OD	1680.23	03.09.21	Vested	Vedanta Limited	PVT	Commercial
<b>Total PVT Commercial</b>		<b>26</b>		<b>5326.02</b>					
52-53	Utkal E & D	2	OD	171.37	02.05.16	Allotted	NALCO	PSU(C)	NRS
54	Tasra	1	JH	96.31	26.02.1996	Allotted	SAIL	PSU(C)	NRS
<b>Total PSU NRS</b>		<b>3</b>		<b>267.68</b>					
55	Gare Palma Sector-I	1	CH	194.00	14.09.15	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power
56-57	Gidhmuri & Paturia	2	CH	257.83	13.10.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
58	Parsa	1	CH	184.26	08.09.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
59	Gare Pelma Sector II	1	CH	655.15	31.08.15	Allotted	Maharashtra State Power Generation Co Ltd	PSU(S)	Power
60-61	Parsa East & Kanta Basan	2	CH	363.23	31.03.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
62	Gare Palma Sector-III	1	CH	89.43	14.09.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
63-64	Durgapur-II/Taraimar & Durgapur-II/Sarya	2	CH	303.04	31.12.19	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
65	Talaipalli	1	CH	842.27	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
66	Kente Extn	1	CH	200.00	31.03.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
67	Banai	1	CH	200.00	31.03.15	Allotted	NTPC Ltd	PSU(C)	Power
68	Bhalumuda	1	CH	200.00	31.03.15	Allotted	NTPC Ltd	PSU(C)	Power

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**Table 6.6: Sector Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU (C)/Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
69-70	Chatti Bariatu, Chatti Bariatu South	2	JH	390.96	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
71	Saharpur Jamarpani	1	JH	524.00	13.08.15	Allotted	UP Rajya Vidyut Utpadan Nigam Ltd.	PSU(C)	Power
72	Tubed	1	JH	NA	08.06.16	Allotted	Damodar Valley Corporation	PSU(C)	Power
73	Pachwara Central	1	JH	239.75	31.03.15	Allotted	Punjab State Power Corp. Ltd.	PSU(S)	Power
74	Badam	1	JH	90.50	31.08.15	Allotted	Bihar State Power Generation Co. Ltd.	PSU(S)	Power
75	Pachwara North	1	JH	374.56	31.03.15	Allotted	WBPDC	PSU(S)	Power
76	Rajbar E&D	1	JH	526.05	30.06.15	Allotted	Tenughat Vidyut Nigam Limited (TVNL)	PSU(S)	Power
77	Banhardih	1	JH	553.00	30.06.15	Allotted	Jharkhand Urja Utpadan Nigam Ltd.	PSU(S)	Power
78	Kerandari	1	JH	142.01	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
79	Kalyanpur-Badalpara	1	JH	200.00	24.02.16	Allotted	Haryana Powe Generation Corp Ltd	PSU(S)	Power
80	Pachwara South	1	JH	279.00	03.10.16	Allotted	M/s Neyveli Uttar Pradesh Power Ltd (JV of NLC India Ltd CPSU and Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd SPSU)	PSU(C)	Power
81	Pakri Barwadi	1	JH	607.81	11.10.2004	Allotted	NTPC	PSU(C)	Power
82-87	Baranj – I, II, III, IV, Kiloni & Manora Deep	6	MH	89.39	31.03.15	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
88	Mahajanwadi	1	MH	200.00	24.02.16	Allotted	Maharashtra State Power Generation Corp. Ltd	PSU(S)	Power
89-90	Moher, Moher-Amlori Extn.	2	MP	333.77	13.09.2006	Allotted	Power Finance Corporation	PSU(C)	UMPP
91	Amelia (North)	1	MP	393.60	17.01.17	Allotted	THDC India Ltd (JV of Govt of India) & Govt of UP	PSU(C)	Power
92	Dulanga	1	OD	141.55	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
93	Naini	1	OD	270.00	13.08.15	Allotted	The Singareni Collieries Co. Ltd.	PSU(C)	Power
94-95	Manoharpur & Dipside of Manoharpur	2	OD	46.05	31.08.15	Allotted	Odisha Coal & Power Ltd.	PSU(S)	Power
96	Talabira-II & III	1	OD	546.61	02.05.16	Allotted	Neyveli Lignite Corporation Ltd.	PSU(C)	Power
97	Mandakini	1	OD	287.89	31.12.19	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
98	Surapal-Nuapara	1	OD	200.00	24.02.16	Allotted	Andhra Pradesh Power Generation Co Ltd	PSU(S)	Power
99	Chandrabila	1	OD	200.00	24.02.16	Allotted	Tamil Nadu Generation & Distribution Corp Ltd	PSU(S)	Power
100	Tadicherla-I	1	Telangana	38.70	31.08.15	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power
101	Barjora (North)	1	WB	3.57	31.03.15	Allotted	WBPDC	PSU(C)	Power
102	Khagra Joydev	1	WB	103.80	31.03.15	Allotted	Damodar Valley Corporation	PSU(C)	Power
103-104	Tara (East) and Tara (West)	2	WB	11.06	31.03.15	Allotted	WBPDC	PSU(S)	Power

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**Table 6.6: Sector Wise List of Captive & Commercial Coal Blocks Vested/Allocated upto 2021-22 (Except CIL as Custodian)**

Sl. No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserve (Qty. in MT)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/PSU (C)/Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
105-106	Gangaramchak & Gangaramchak Bhadulia	2	WB	6.76	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
107	Barjora	1	WB	-0.29	31.03.15	Allotted	WBPDCCL	PSU(S)	Power
108	Deocha Pachami Dewanganj Harinsingha	1	WB	2102.00	06.06.18	Allotted	WBPDCCL	PSU(S)	Power
<b>Total PSU Power</b>		<b>54</b>		<b>12391.31</b>					
109	Madanpur South	1	CH	183.38	29.09.16	Allotted	The Andhra Pradesh Mineral Development Corp. Ltd.	PSU(S)	Commercial
110	Kerwa	1	CH	112.94	21.07.16	Allotted	Kerwa Coal Ltd ( Joint Venture of Chhattisgarh Mineral Development Corpn. And M.P. state Mining Corp Ltd.	PSU(S)	Commercial
111-112	Kotre Basantpur & Pachmo	2	JH	251.30	19.04.18	Allotted	Coal India Ltd.	PSU(C)	Commercial
113	Amarkonda Murgadangal	1	JH	410.00	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
114	Tokisud North	1	JH	51.97	22.09.20	Allotted	NMDC Limited	PSU(C)	Commercial
115	Sugia Closed Mine	1	JH	4.00	22.09.20	Allotted	Jharkhand State Mineral Development Corp Ltd	PSU(S)	Commercial
116	Rohne	1	JH	241.00	16.12.19	Allotted	NMDC Limited	PSU(C)	Commercial
117	Brahmadiha	1	JH	10.63	02.03.21	Vested	Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial
118	Suliyari	1	MP	141.00	29.09.16	Allotted	Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial
119	Baitami West	1	OD	602.00	29.09.16	Allotted	Odisha Mining Corporation Ltd.	PSU(S)	Commercial
120	New Patrapara	1	OD	1042.00	30.10.19	Allotted	Singareni Collieries Ltd	PSU(S)	Commercial
121	Brahmini	1	OD	58.90	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
122	Utkal A	1	OD	NA	18.11.21	Allotted	MCL	PSU(C)	Commercial
123	Penagadppa	1	Telangana	110.87	15.12.16	Allotted	M/s. Singareni Collieries Co. Ltd.	PSU(C)	Commercial
124	Gourangdih ABC	1	WB	129.15	29.09.16	Allotted	West Bengal Mineral Development & Trading Corp. Ltd.	PSU(S)	Commercial
125	East of Danagoria	1	WB	337.00	21.11.19	Allotted	BCCL	PSU(C)	Commercial
<b>Total PSU Commercial</b>		<b>17</b>		<b>3686.14</b>					
<b>All Total</b>		<b>125</b>		<b>22546.69</b>					

Table 6.7 : 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	Kente Extn	Chhattisgarh	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	1	Allotted	31.03.2015	200.00	Power
2	Banai	Chhattisgarh	NTPC Ltd	1	Allotted	31.03.2015	200.00	Power
3	Bhalumuda	Chhattisgarh	NTPC Ltd	1	Allotted	31.03.2015	200.00	Power
4	Sarapal-Nuapara	Odisha	Andhra Pradesh Power Generation Corp Ltd	1	Allotted	24.02.2016	200.00	Power
5	Chandrabila	Odisha	Tamil Nadu Generation & Distribution Corp Ltd	1	Allotted	24.02.2016	200.00	Power
6	Mahajanwadi	Maharashtra	Maharashtra Power Generation Corp Ltd	1	Allotted	24.02.2016	200.00	Power
7	Kalyanpur-Badalpara	Jharkhand	Haryana Power Generation Corp Ltd	1	Allotted	24.02.2016	200.00	Power
8	Kerwa	Chhattisgarh	Kerwa Coal Limited (Joint Venture of Chhattisgarh Mineral Development Corpn. and M.P. State Mining Corporation Ltd.)	1	Allotted	21.07.2016	112.94	Commercial Mining
9	Brahmani	Odisha	Orissa Minerals Development Company	1	Allotted	21.07.2016	58.90	Commercial Mining
10	Pachwara South	Jharkhand	M/s. Neyveli Uttar Pradesh Power Limited (JV of NLC India Limited CPSU and Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited SPSU)	1	Allotted	03.10.2016	279.00	Power
11	Bandha	Madhya Pradesh	EMIL Mines and Mineral Resources Limited	1	Allotted	3/3/2021	441.50	Sale of Coal
12	Dhirauli	Madhya Pradesh	Startech Mineral Resources Pvt. Ltd.	1	Allotted	3/3/2021	586.39	Sale of Coal
13	Urtan	Madhya Pradesh	JMS Mining Private Limited	1	Allotted	3/3/2021	55.39	Sale of Coal
14	Deocha Pachami Dewanganj Harinsingha	West Bengal	WBPDCL	1	Allotted	6/6/2018	2102.00	Power
15	Jhigador	Chhattisgarh	CG Natural Resources Private Ltd	1	Vested	18.11.21	250.00	Sale of Coal
16	Khargaon	Chhattisgarh	CG Natural Resources Private Ltd	1	Vested	18.11.21	250.00	Sale of Coal
17	Rauta Closed Mine	Jharkhand	Shreesatya Mines Pvt Ltd	1	Vested	18.11.21	7.00	Sale of Coal
18	Kurloi (A) North	Odisha	Vedanta Limited	1	Vested	03.09.21	1680.23	Sale of Coal
<b>All Total</b>				<b>18</b>			<b>7223.35</b>	



Table 6.8: List of Coal Blocks under CIL Custodian upto 2021-22

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)
1	Namchik Namphuk	1	Arunachal Pradesh	4.79	Chairman, CIL (Custodian)	PSU(C)	Commercial
<b>Total Arunachal Pradesh</b>		<b>1</b>		<b>4.79</b>			
2-3	Gare-Palma-IV/2 & IV/3	2	Chhattisgarh	176.109	Chairman, CIL (Custodian)	PSU(C)	Commercial
<b>Total Chhattisgarh</b>		<b>2</b>		<b>176.11</b>			
4	Parbatpur Central	1	Jharkhand	52.16	Chairman, CIL (Custodian)	PSU(C)	NRS
<b>Total Jharkhand</b>		<b>1</b>		<b>52.16</b>			
<b>Total</b>		<b>4</b>		<b>233.06</b>			

Table 6.9: List of 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)	
1	Pakri-Barwadih	1	Jharkhand	607.81	11.10.2004	NTPC	PSU(C)	Power
<b>Total Jharkhand Power</b>		<b>1</b>		<b>607.81</b>				
2	Tasra	1	Jharkhand	96.31	26.02.1996	Steel Authority of India Ltd.	PSU(C)	NRS
<b>Total Jharkhand NRS</b>		<b>1</b>		<b>96.31</b>				
3-4	Moher, Moher-Amlori Extn.	2	Madhya Pradesh	333.77	13.09.2006	Power Finance Corporation Sasan UMPP	PSU(C)	UMPP
<b>Total Madhya Pradesh UMPP</b>		<b>2</b>		<b>333.77</b>				
<b>Total</b>		<b>4</b>		<b>1037.89</b>				

A photograph of an industrial facility, likely a coal washery, featuring several large, cylindrical silos and a complex network of conveyor belts supported by metal structures. The facility is situated on a grassy hillside. The sky is overcast.

# SECTION VII

# WASHERY PERFORMANCE

Table 7.1 : Details of Coking Coal Washeries in India during 2021-22

S. No.	Owner Company	Name of Washery	Year of Commissioning	State	Location/ Coal field	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Bharat Coking Coal Ltd.	Dugda	1968	Jharkhand	Jharia	2.00
2		Bhojudih	1962 (Expn-64)	West Bengal	Jharia	1.70
3		Sudamdih	1981	Jharkhand	Jharia	1.60
4		Moonidih	1983	Jharkhand	Jharia	1.60
5		Mahuda	1990	Jharkhand	Jharia	0.63
6		Madhuband	1998	Jharkhand	Jharia	2.50
7		Patherdih Old	1964	Jharkhand	Dhanbad	1.60
8		Dahibari	2018	Jharkhand	Dhanbad	1.60
9		Patherdih NLW	2020	Jharkhand	Dhanbad	5.00
10		TSL washery	2020	Jharkhand	Sijua Road, Bhowra	1.50
<b>Total</b>						<b>19.73</b>
11	Central Coalfields Ltd.	Kathara	1969	Jharkhand	Bokaro	3.00
12		Sawang	1970	Jharkhand	Bokaro	0.75
13		Kedla	1997	Jharkhand	Ramgarh	2.60
<b>Total</b>						<b>6.35</b>
<b>All Coal India Ltd.</b>						<b>26.08</b>
14	Steel Authority of India Ltd.	Chasnala	1969	Jharkhand	Dhanbad	2.04
<b>Total Public</b>						<b>28.12</b>
15	Tata Steel Ltd.	W.Bokaro-II	1984	Jharkhand	Ramgarh	2.50
16		W.Bokaro-III	1994	Jharkhand	Ramgarh	4.50
17		Jamadoba	1957	Jharkhand	Jamadoba	2.00
18		Bhelatand	1995	Jharkhand	Bhelatand	1.20
<b>Total</b>						<b>10.20</b>
<b>Total Private</b>						<b>10.20</b>
<b>Grand Total</b>						<b>38.32</b>

\* Production from Nadan (WCL) and Rajrapa (CCL) washeries is NIL during 2021-22 and accordingly deleted from the above list

Table 7.2 : 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)
2021-22	BCCL	3.565	1.209	34
	CCL	1.212	0.401	33
	<b>Total CIL</b>	<b>4.777</b>	<b>1.610</b>	<b>34</b>
	SAIL	0.986	0.478	48
	<b>Total Public</b>	<b>5.763</b>	<b>2.088</b>	<b>36</b>
	TSL (Private)	4.967	2.550	51
	<b>Total Private</b>	<b>4.967</b>	<b>2.550</b>	<b>51</b>
	<b>Grand Total</b>	<b>10.730</b>	<b>4.638</b>	<b>43</b>
2020-21	BCCL	1.135	0.270	24
	CCL	1.515	0.436	29
	<b>Total CIL</b>	<b>2.650</b>	<b>0.706</b>	<b>27</b>
	SAIL	1.061	0.597	56
	<b>Total Public</b>	<b>3.711</b>	<b>1.303</b>	<b>35</b>
	TSL (Private)	5.920	3.119	53
	<b>Total Private</b>	<b>5.920</b>	<b>3.119</b>	<b>53</b>
	<b>Grand Total</b>	<b>9.631</b>	<b>4.422</b>	<b>46</b>
2019-20	BCCL	1.402	0.626	45
	CCL	2.250	0.762	34
	<b>Total CIL</b>	<b>3.652</b>	<b>1.388</b>	<b>38</b>
	SAIL	0.638	0.386	60
	<b>Total Public</b>	<b>4.290</b>	<b>1.773</b>	<b>41</b>
	TSL (Private)	6.734	3.477	52
	<b>Total Private</b>	<b>6.734</b>	<b>3.477</b>	<b>52</b>
	<b>Grand Total</b>	<b>11.024</b>	<b>5.250</b>	<b>48</b>

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

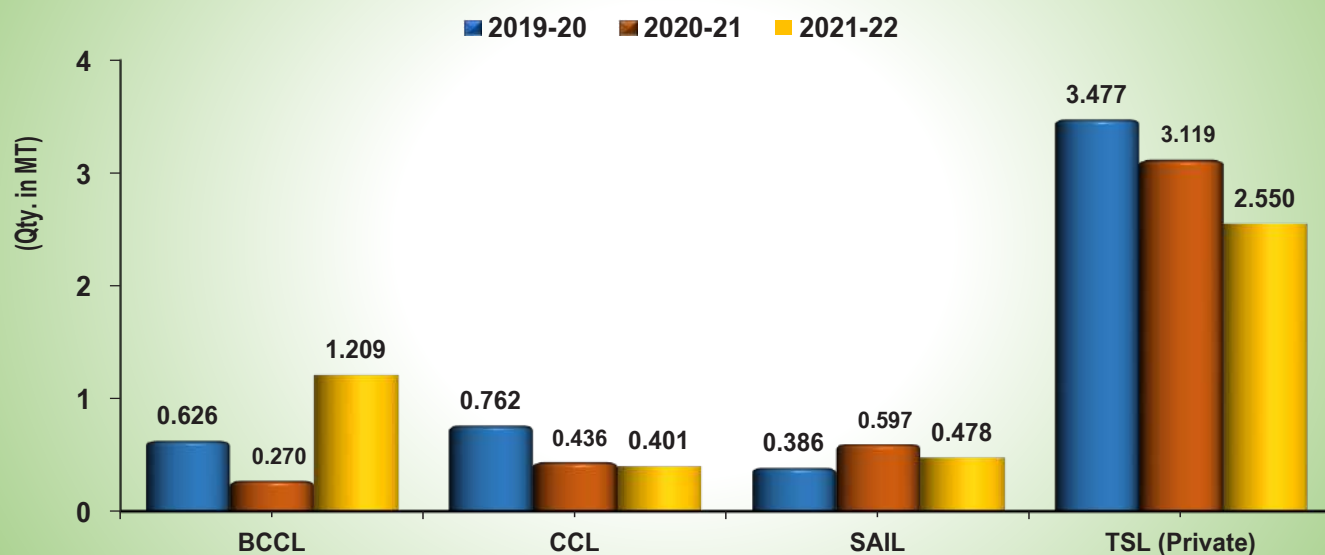


Table 7.3 : Details of Non-Coking Coal Washeries in India during 2021-22

S. No.	Owner Company	Name of Washery	Year of Commissioning	State	Location/ Coal field	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Central Coalfields Ltd.	Piparwar	1997	Jharkhand	Chatra	6.50
		<b>Total</b>				<b>6.50</b>
<b>All Coal India Ltd. (Pubic)</b>						<b>6.50</b>
2	Adani Enterprises Ltd.	AEL	2012-13	Chhattisgarh	Parsa	15.00
3	ALPS Mining Services	ALPS	2021	Orissa	Chhualiberna	2.00
4	Aryan Coal Benefication (India) Ltd.	Chakabura	2004	Chhattisgarh	Korba	7.50
5		Dipka	1999-2000	Chhattisgarh	Korba	14.00
6		Pander Pauni	2003-04	Maharashtra	Bollarpur	2.62
7		Gevra	2007-08	Chhattisgarh	Korba	6.25
8		Ratija	1999	Chhattisgarh	Korba	11.00
9		Talcher	2015	Orissa	Bharatpur	7.00
10		Kartikay	2005-06	Maharashtra	Wardha	2.50
11	Aryan Energy Pvt. Ltd.	Talcher	2003	Orissa	Talcher	2.34
12	Aryan & ispat pvt. Ltd.	Aryan & ispat pvt. Ltd.	2008	Orissa	Sambalpur	0.70
13	CESC Ltd.	Sarshatalli	2009	W.Bengal	Ranigunj	1.50
14	CPCBL	Chattisgarh Power & Coal Benefication Ltd.	2004	Chhattisgarh	Bilaspur	1.25
15	Global Coal & Mining Pvt. Ltd	IB Valley	2006	Orissa	lb valley	4.00
16		Talcher	2002	Orissa	Talcher	4.00
17		Manuguru	2009	Telengana	Manuguru	0.96
18	Hind Energy & Coal Benefication (India)	Baloda	2015	Chhattisgarh	Birghani	0.96
19		Gatora	2016	Chhattisgarh	Gatora	0.96
20		Hindadih	2015	Chhattisgarh	Hindadih	3.60
21		Birghani	2019	Chhattisgarh	Janjgir	0.96
22		Clean Coal Enterprises Pvt. Ltd.,Baloda	2013	Chhattisgarh	Janjgir	0.90
23		Clean Coal Enterprises Pvt. Ltd.,Gatora	2018	Chhattisgarh	Gatora	0.96
24		Hind Multi Services Private Limited,Gatora	2021	Chhattisgarh	Gatora	2.50
25	Hind Maha Minerals LLP	Pimpalgaon	2013	Maharashtra	Yavatmal	2.40
26		Ghugus	2005	Maharashtra	Chandrapur	2.40
27		Gondegaon	2008	Maharashtra	Nagpur	2.40

Table 7.3 : Details of Non-Coking Coal Washeries in India during 2021-22

S. No.	Owner Company	Name of Washery	Year of Commissioning	State	Location/ Coal field	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
28	Jindal Power Ltd.	JPL	2013	Chhattisgarh	Raigarh	4.75
29	KJSL	Sambhavi and Coal Benefication Pvt. Ltd.,Gatora	2018	Chhattisgarh	Gatora	0.90
30		Bhatia Energy Ranjan Coal washery,Kharsia	2014	Chhattisgarh	Dehjan	0.90
31	Maruti Clean Coal	Maruti	2015	Chhattisgarh	Nonbirra	6.60
32	Mahavir Coal Washeries Pvt. Ltd.	Baloda (Unit I)	2011	Chhattisgarh	Bhelai	0.95
33		Baloda. (Unit II)	2018	Chhattisgarh	Bhelai	0.96
34		Sakri Belmundi	2016	Chhattisgarh	Belmundi	0.95
35	Monnet daniels coal washery Ltd.	Monnet	2010	Jharkhand	Dakra	3.50
36	Paras Power & Coal beneficiation	Paras Power & Coal Benefication Ltd.,Ghutku	2018	Chhattisgarh	Usiapur	0.96
37		Paras Power & Coal Benefication Ltd.,Ghutku	2021	Chhattisgarh	Usiapur	2.50
38	Phil Coal	Phil Coal Benefication Pvt. Ltd, Ghutku	2018	Chhattisgarh	Ghutku	2.50
39	Rukhmai Infrastructure Pvt. Ltd.	Indo Unique Flame Ltd	2005	Maharashtra	Punwat	2.40
40		Nimbala	2002	Maharashtra	Nimbala	3.73
41		Maha Mineral Mining & Benefication Pvt Ltd	2006	Maharashtra	Majri	2.40
42	Sarda Energy and Minerals Ltd.	SEML-Gare Palma IV/1,Karwahi	2022	Chhattisgarh	Raigarh	0.96
43	Utkal energy resources ltd.	Utkal	2007	Orissa	Kankili	1.08
<b>Total Private</b>						<b>136.70</b>
<b>Grand Total</b>						<b>143.20</b>

Table 7.4 : Non-Coking Coal Washery Performance in last Three Years

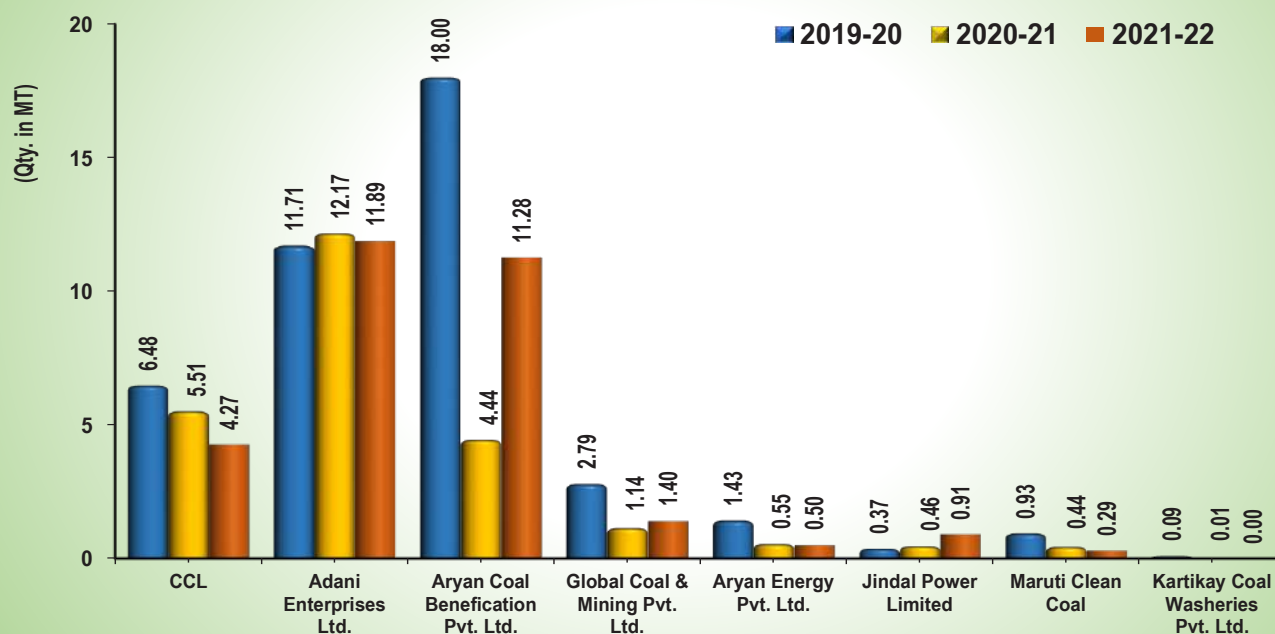
(Qty. in MT)

Year	Owner Company	Raw Coal Feed	Washed Coal Production	Yield (%) Normative Yield
(1)	(2)	(3)	(4)	(5)
2021-22	CCL	4.301	4.266	99.19
	<b>Total CIL</b>	<b>4.301</b>	<b>4.266</b>	<b>99.19</b>
	<b>Total Public</b>	<b>4.301</b>	<b>4.266</b>	<b>99.19</b>
	Adani Enterprises Ltd.	15.000	11.885	79.23
	ALPS Mining Services	0.192	0.102	53.13
	Aryan Coal Benefication Pvt. Ltd.	13.619	11.276	82.79
	Aryan Energy Pvt. Ltd.	0.675	0.496	73.48
	Aryan & ispat pvt. Ltd.	0.039	0.023	58.97
	CESC Ltd.	0.628	0.508	80.89
	Global Coal & Mining Pvt. Ltd.	2.122	1.401	66.02
	Hind Maha Minerals LLP	4.496	3.865	85.97
	Jindal Power Limited	1.110	0.907	81.71
	Maruti Clean Coal	0.367	0.294	80.00
	Monnet daniels coal washery Ltd.	1.210	0.969	80.08
	Rukhmai Infrastructure Pvt. Ltd.	0.411	0.333	81.12
	Sarda Energy and Minerals Ltd.	0.087	0.045	52.17
	Utkal energy resources ltd.	0.061	0.052	84.61
	<b>Total Private</b>	<b>40.017</b>	<b>32.156</b>	<b>80.36</b>
	<b>Grand Total</b>	<b>44.318</b>	<b>36.422</b>	<b>82.18</b>
	2020-21	CCL	5.528	5.510
<b>Total CIL</b>		<b>5.528</b>	<b>5.510</b>	<b>99.67</b>
<b>Total Public</b>		<b>5.528</b>	<b>5.510</b>	<b>99.67</b>
Adani Enterprises Ltd.		15.000	12.170	81.13
Aryan Coal Benefication Pvt. Ltd.		5.475	4.444	81.17
Aryan Energy Pvt. Ltd.		0.749	0.549	73.30
Global Coal & Mining Pvt. Ltd.		1.620	1.138	70.25
Jindal Power Limited		0.520	0.463	89.04
Kartikay Coal Washeries Pvt. Ltd.		0.011	0.009	81.82
Maruti Clean Coal		0.737	0.438	59.43
<b>Total Private</b>		<b>24.112</b>	<b>19.211</b>	<b>79.67</b>
<b>Grand Total</b>		<b>29.640</b>	<b>24.721</b>	<b>83.40</b>

**Table 7.4 : Non-Coking Coal Washery Performance in last Three Years**

(Qty. in MT)

Year	Owner Company	Raw Coal Feed	Washed Coal Production	Yield (%) Normative Yield
(1)	(2)	(3)	(4)	(5)
2019-20	CCL	6.519	6.480	99.41
	<b>Total CIL</b>	<b>6.519</b>	<b>6.480</b>	<b>99.41</b>
	<b>Total Public</b>	<b>6.519</b>	<b>6.480</b>	<b>99.41</b>
	Adani Enterprises Ltd.	15.000	11.709	78.06
	Aryan Coal Benefication Pvt. Ltd.	22.673	18.003	79.40
	Aryan Energy Pvt. Ltd.	1.940	1.426	73.50
	Global Coal & Mining Pvt. Ltd.	4.185	2.790	66.65
	Jindal Power Limited	0.414	0.372	89.92
	Kartikay Coal Washeries Pvt. Ltd.	0.126	0.089	71.01
	Maruti Clean Coal	1.015	0.933	91.92
	<b>Total Private</b>	<b>45.354</b>	<b>35.322</b>	<b>77.88</b>
	<b>Grand Total</b>	<b>51.873</b>	<b>41.802</b>	<b>80.59</b>

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


Note: (1) Yield rate of an item = 100x Quantity of the item produced / Raw Coal feed.

\* Jhama is also recycled in Madhuband washery. So it is not reported in this table.

\* Figures of Raw coal feed and Washed coal production are on the basis of returns submitted.



# SECTION VIII



**ROYALTY, DMF  
NMET**

Table: 8.1 State-wise Royalty paid by Coal companies, DMF and NMET for 2021-22

(Amt. in crores rupees)

Name of State	Name of the Company	2021-22		
		Royalty	DMF	NMET
Chhattisgarh	CIL	2147.64	643.91	46.81
	Non-CIL	238.65	25.84	4.81
<b>Sub Total Chhattisgarh</b>		<b>2386.29</b>	<b>669.75</b>	<b>51.62</b>
Jharkhand	CIL	3035.03	914.79	60.63
	Non-CIL	588.46	170.37	14.09
<b>Sub-Total Jharkhand</b>		<b>3623.49</b>	<b>1085.16</b>	<b>74.72</b>
Odisha	CIL	2400.46	716.54	47.63
	Non-CIL	299.75	39.68	4.67
<b>Sub-Total Odisha</b>		<b>2700.21</b>	<b>756.22</b>	<b>52.30</b>
Madhya Pradesh	CIL	2362.52	705.78	47.06
	Non-CIL	347.25	90.41	6.18
<b>Sub-Total Madhya Pradesh</b>		<b>2709.77</b>	<b>796.19</b>	<b>53.24</b>
Maharashtra	CIL	1662.89	498.87	33.26
	Non-CIL	90.45	9.07	2.33
<b>Sub Total Maharashtra</b>		<b>1753.34</b>	<b>507.94</b>	<b>35.59</b>
Andhra Pradesh	CIL	0	0	0
	Non-CIL	0	0	0
<b>Sub Total Andhra Pradesh</b>		<b>0</b>	<b>0</b>	<b>0</b>
Telangana	CIL	0	0	0
	Non-CIL	250	140	0
<b>Sub Total Telangana</b>		<b>250</b>	<b>140</b>	<b>0</b>
West Bengal	CIL	15.02	4.51	0.30
	Non-CIL	0.94	0.07	0.0200
<b>Sub Total West Bengal</b>		<b>15.96</b>	<b>4.58</b>	<b>0.32</b>
Assam	CIL	0	0	0
	Non-CIL	0	0	0
<b>Sub Total Assam</b>		<b>0</b>	<b>0.00</b>	<b>0</b>
UP	CIL	475.25	157.80	10.52
	Non-CIL	0.00	0.00	0.00
<b>Sub Total UP</b>		<b>475.25</b>	<b>157.80</b>	<b>10.52</b>
Arunachal Pradesh	CIL	0	0	0
	Non-CIL	0	0	0
<b>Sub Total Arunachal Pradesh</b>		<b>0</b>	<b>0</b>	<b>0</b>
Meghalaya	State Govt.	0	0	0
<b>Sub Total Meghalaya</b>		<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total</b>		<b>13914.31</b>	<b>4117.64</b>	<b>278.31</b>

\* Data from TSGENCO has not been included.

Table 8.2: State-wise Royalty Paid by Coal Companies from 2017-18 to 2021-22

Amt. in crores rupees

Name of State	Name of the Company	Year					
		2017-18	2018-19	2019-20	2020-21	2021-22	TOTAL
Chhattisgarh	CIL	2193.01	2402.69	2142.82	2098.92	2147.64	10985.08
	Non-CIL	126.55	229.5	207.39	193.96	238.65	996.05
<b>Sub Total Chhattisgarh</b>		<b>2319.56</b>	<b>2632.19</b>	<b>2350.21</b>	<b>2292.88</b>	<b>2386.29</b>	<b>11981.13</b>
Jharkhand	CIL	2958.07	3142.58	2753.96	2480.57	3035.03	14370.21
	Non-CIL	757.43	636.2	457.07	399.38	588.46	2838.54
<b>Sub-Total Jharkhand</b>		<b>3715.5</b>	<b>3778.78</b>	<b>3211.03</b>	<b>2879.95</b>	<b>3623.49</b>	<b>17208.75</b>
Odisha	CIL	1752.01	2021.28	2117.78	1457.02	2400.46	9748.55
	Non-CIL	2.52	2.87	21.67	62.29	299.75	389.1
<b>Sub-Total Odisha</b>		<b>1754.53</b>	<b>2024.15</b>	<b>2139.45</b>	<b>1519.31</b>	<b>2700.21</b>	<b>10137.65</b>
Madhya Pradesh	CIL	1729.04	1938.59	1927.28	2887.44	2362.52	10844.87
	Non-CIL	283.05	299.26	142.10	311.98	347.25	1383.64
<b>Sub-Total Madhya Pradesh</b>		<b>2012.09</b>	<b>2237.85</b>	<b>2069.38</b>	<b>3199.42</b>	<b>2709.77</b>	<b>12228.51</b>
Maharashtra	CIL	988.10	1170.17	1187.16	1149.06	1662.89	6157.38
	Non-CIL	10.38	13.16	11.64	4.79	90.45	130.42
<b>Sub Total Maharashtra</b>		<b>998.48</b>	<b>1183.33</b>	<b>1198.8</b>	<b>1153.85</b>	<b>1753.34</b>	<b>6287.8</b>
Andhra Pradesh	CIL	0	0	0	0	0	0
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Andhra Pradesh</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Telangana	CIL	0	0	0	0	0	0
	Non-CIL	1797.23	2400	1537.36	1429.74	250	7414.33
<b>Sub Total Telangana</b>		<b>1797.23</b>	<b>2400</b>	<b>1537.36</b>	<b>1429.74</b>	<b>250</b>	<b>7414.33</b>
West Bengal	CIL	16.45	18.02	17.95	11.89	15.02	79.33
	Non-CIL	0.48	0.74	1.01	0.75	0.94	3.92
<b>Sub Total West Bengal</b>		<b>16.93</b>	<b>18.76</b>	<b>18.96</b>	<b>12.64</b>	<b>15.96</b>	<b>83.25</b>
Assam	CIL	45.07	44.82	31.34	5.89	0	127.12
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Assam</b>		<b>45.07</b>	<b>44.82</b>	<b>31.34</b>	<b>5.89</b>	<b>0</b>	<b>127.12</b>
UP	CIL	352.09	426.23	406.39	638.23	475.25	2298.19
	Non-CIL	0.00	0.00	0.00	0.00	0.00	0
<b>Sub Total UP</b>		<b>352.09</b>	<b>426.23</b>	<b>406.39</b>	<b>638.23</b>	<b>475.25</b>	<b>2298.19</b>
Arunachal Pradesh	CIL	0	0	0	0	0	0
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Arunachal Pradesh</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Meghalaya	State Govt.	114.55	0	0	0	0	114.55
<b>Sub Total Meghalaya</b>		<b>114.55</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>114.55</b>
<b>Grand Total</b>		<b>13126.03</b>	<b>14746.11</b>	<b>12962.92</b>	<b>13131.91</b>	<b>13914.31</b>	<b>67881.28</b>

\* Data from TSGENCO has not been included.

Table 8.3 State-wise payment to DMF from 2017-18 to 2021-22

Amt. in crores rupees

Name of State	Name of the Company	Year					TOTAL
		2017-18	2018-19	2019-20	2020-21	2021-22	
Chhattisgarh	CIL	695.7	507.26	627.49	662.22	643.91	3136.58
	Non-CIL	12.9	19.43	20.89	19.46	25.84	98.52
<b>Sub Total Chhattisgarh</b>		<b>708.6</b>	<b>526.69</b>	<b>648.38</b>	<b>681.68</b>	<b>669.75</b>	<b>3235.1</b>
Jharkhand	CIL	787.80	734.62	835.61	737.36	914.79	4010.18
	Non-CIL	129.09	142.06	129.7	112.06	170.37	683.28
<b>Sub-Total Jharkhand</b>		<b>916.89</b>	<b>876.68</b>	<b>965.31</b>	<b>849.42</b>	<b>1085.16</b>	<b>4693.46</b>
Odisha	CIL	525.58	449.60	558.09	490.92	716.54	2740.73
	Non-CIL	0.25	0.3	2.16	9.06	39.68	51.45
<b>Sub-Total Odisha</b>		<b>525.83</b>	<b>449.9</b>	<b>560.25</b>	<b>499.98</b>	<b>756.22</b>	<b>2792.18</b>
Madhya Pradesh	CIL	395.47	458.75	585.93	903.92	705.78	3049.85
	Non-CIL	77.25	40.13	44.90	84.58	90.41	337.27
<b>Sub-Total Madhya Pradesh</b>		<b>472.72</b>	<b>498.88</b>	<b>630.83</b>	<b>988.50</b>	<b>796.19</b>	<b>3387.12</b>
Maharashtra	CIL	279.34	350.78	356.41	344.73	498.87	1830.13
	Non-CIL	1.04	1.36	1.13	0.48	9.07	13.08
<b>Sub Total Maharashtra</b>		<b>280.38</b>	<b>352.14</b>	<b>357.54</b>	<b>345.21</b>	<b>507.94</b>	<b>1843.21</b>
Andhra Pradesh	CIL	0	0	0	0	0	0
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Andhra Pradesh</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Telangana	CIL	0	0	0	0	0	0
	Non-CIL	539.12	611.04	119.1	364.51	140	1773.77
<b>Sub Total Telangana</b>		<b>539.12</b>	<b>611.04</b>	<b>119.1</b>	<b>364.51</b>	<b>140</b>	<b>1773.77</b>
West Bengal	CIL	3.72	0.37	5.39	4.73	4.51	18.72
	Non-CIL	0.04	0.12	0.10	0.05	0.07	0.38
<b>Sub Total West Bengal</b>		<b>3.76</b>	<b>0.49</b>	<b>5.49</b>	<b>4.78</b>	<b>4.58</b>	<b>19.1</b>
Assam	CIL	30.1	9.46	8.93	-0.36	0	48.13
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Assam</b>		<b>30.10</b>	<b>9.46</b>	<b>8.93</b>	<b>-0.36</b>	<b>0.00</b>	<b>48.13</b>
UP	CIL	244.69	16.24	131.41	213.75	157.80	763.89
	Non-CIL	0.00	0.00	0.00	0.00	0.00	0
<b>Sub Total UP</b>		<b>244.69</b>	<b>16.24</b>	<b>131.41</b>	<b>213.75</b>	<b>157.80</b>	<b>763.89</b>
Arunachal Pradesh	CIL	0	0	0	0	0	0
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Arunachal Pradesh</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Meghalaya	State Govt.	0	0	0	0	0	0
<b>Sub Total Meghalaya</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total</b>		<b>3722.09</b>	<b>3341.52</b>	<b>3427.24</b>	<b>3947.47</b>	<b>4117.64</b>	<b>18555.96</b>

\* Data from TSGENCO has not been included.

Table 8.4: State-wise payment to NMET from 2017-18 to 2021-22

Amt. in crores rupees

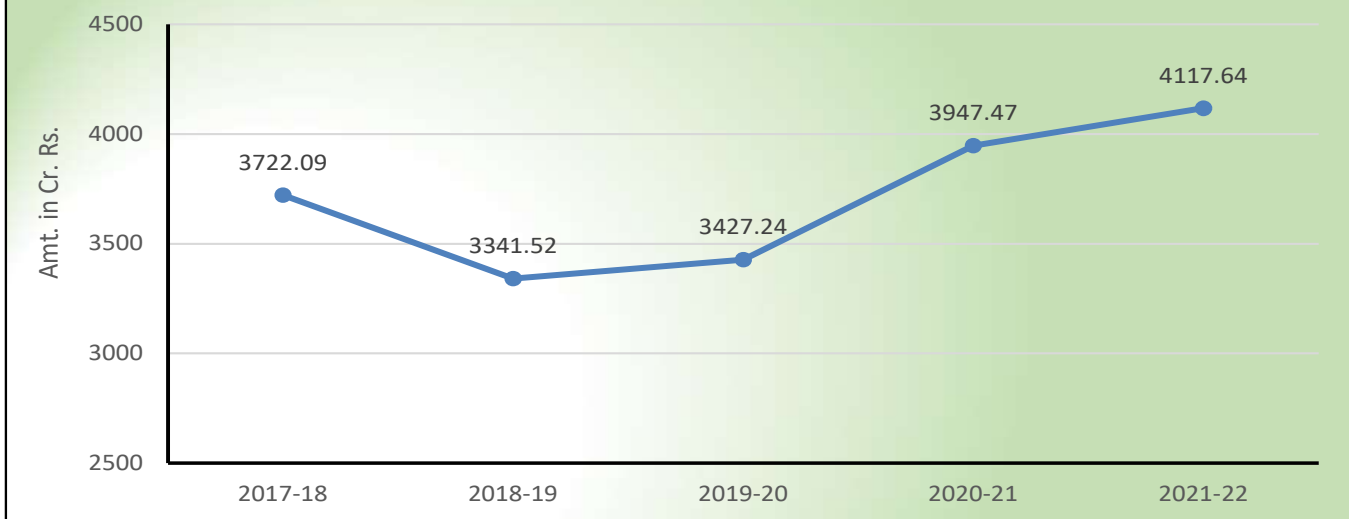
Name of State	Name of the Company	Year					TOTAL
		2017-18	2018-19	2019-20	2020-21	2021-22	
Chhattisgarh	CIL	48.16	48.41	42.46	42.1	46.81	227.94
	Non-CIL	2.57	4.67	4.18	3.89	4.81	20.12
<b>Sub Total Chhattisgarh</b>		<b>50.73</b>	<b>53.08</b>	<b>46.64</b>	<b>45.99</b>	<b>51.62</b>	<b>248.06</b>
Jharkhand	CIL	58.10	64.36	62.14	60.21	60.63	305.44
	Non-CIL	6.27	11.5	9.62	8.07	14.09	49.55
<b>Sub-Total Jharkhand</b>		<b>64.37</b>	<b>75.86</b>	<b>71.76</b>	<b>68.28</b>	<b>74.72</b>	<b>354.99</b>
Odisha	CIL	35.03	40.16	37.45	32.91	47.63	193.18
	Non-CIL	0.5	0.06	0.43	1.2	4.67	6.86
<b>Sub-Total Odisha</b>		<b>35.53</b>	<b>40.22</b>	<b>37.88</b>	<b>34.11</b>	<b>52.30</b>	<b>200.04</b>
Madhya Pradesh	CIL	34.80	38.52	41.36	60.32	47.06	222.06
	Non-CIL	5.67	5.52	3.57	9.56	6.18	30.497
<b>Sub-Total Madhya Pradesh</b>		<b>40.47</b>	<b>44.04</b>	<b>44.93</b>	<b>69.88</b>	<b>53.24</b>	<b>252.557</b>
Maharashtra	CIL	19.76	23.42	23.74	22.98	33.26	123.16
	Non-CIL	0.22	0.26	0.23	0.07	2.33	3.11
<b>Sub Total Maharashtra</b>		<b>19.98</b>	<b>23.68</b>	<b>23.97</b>	<b>23.05</b>	<b>35.59</b>	<b>126.27</b>
Andhra Pradesh	CIL	0	0	0	0	0	0
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Andhra Pradesh</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Telangana	CIL	0	0	0	0	0	0
	Non-CIL	35.93	103.15	12.86	0.18	0	152.12
<b>Sub Total Telangana</b>		<b>35.93</b>	<b>103.15</b>	<b>12.86</b>	<b>0.18</b>	<b>0</b>	<b>152.12</b>
West Bengal	CIL	0.36	0.37	0.36	3.20	0.30	4.59
	Non-CIL	0.0130	0.0100	0.0200	0.0200	0.0200	0.083
<b>Sub Total West Bengal</b>		<b>0.37</b>	<b>0.38</b>	<b>0.38</b>	<b>3.22</b>	<b>0.32</b>	<b>4.673</b>
Assam	CIL	0.9	0.9	0.63	-0.21	0	2.22
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Assam</b>		<b>0.9</b>	<b>0.9</b>	<b>0.63</b>	<b>-0.21</b>	<b>0</b>	<b>2.22</b>
UP	CIL	7.03	9.04	8.78	14.09	10.52	49.46
	Non-CIL	0.00	0.00	0.00	0.00	0.00	0
<b>Sub Total UP</b>		<b>7.03</b>	<b>9.04</b>	<b>8.78</b>	<b>14.09</b>	<b>10.52</b>	<b>49.46</b>
Arunachal Pradesh	CIL	0	0	0	0	0	0
	Non-CIL	0	0	0	0	0	0
<b>Sub Total Arunachal Pradesh</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Meghalaya	State Govt.	0	0	0	0	0	0
<b>Sub Total Meghalaya</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand Total</b>		<b>255.31</b>	<b>350.35</b>	<b>247.83</b>	<b>258.59</b>	<b>278.31</b>	<b>1390.39</b>

\* Data from TSGENCO has not been included.

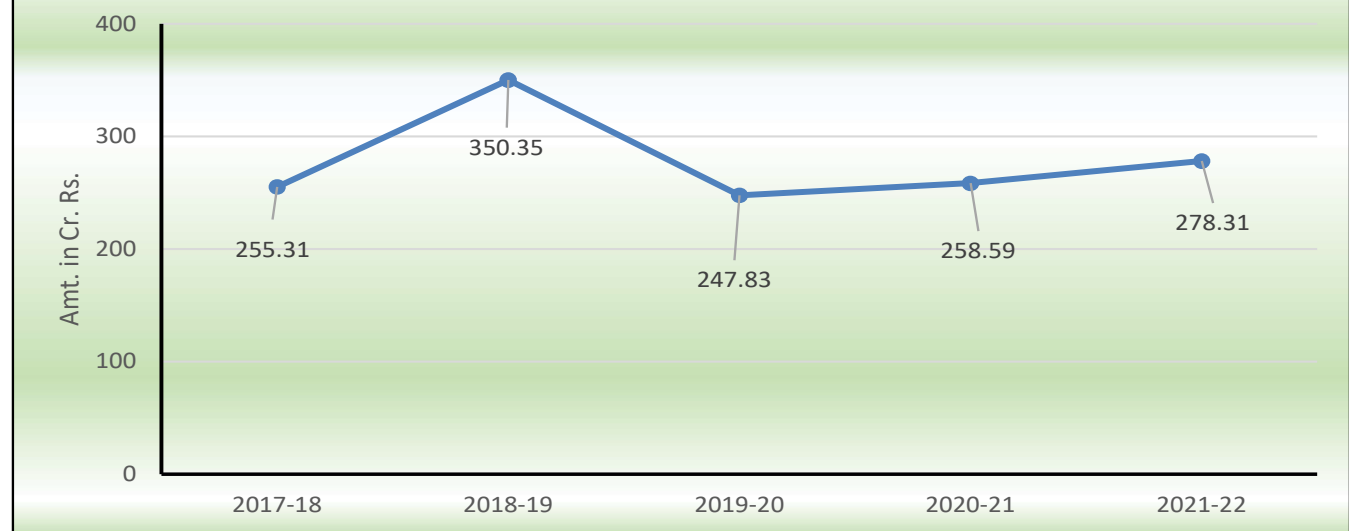
**Chart VII- Trend of Royalty paid in last 5 years**



**Chart VIII- Trend of total DMF in last 5 years**



**Chart IX- Trend of total NMET in last 5 years**





# ABBREVIATIONS

# Abbreviations

Abbreviations	Full Name of Companies
<b>Coal :</b>	
AMBUJA	Ambuja Cement Ltd.
BALCO	Bharat Aluminium Company Limited - Private - Captive
BCCL	Bharat Coking Coal Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
BSIL (BS Ispat Ltd.)	BS Ispat Limited - Private - Captive
CCL	Central Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
CESC	CESC Limited - Private - Captive
CSPGCL	Chhattisgarh 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
GMR	GMR Chhattisgarh Energy Limited - Private - 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 - Captive
JPVL	Jaiprakash Power Ventures Limited - Private - Captive
JSMDC	Jharkhand State Mineral Development Corporation Limited - Public - Non Captive



# Abbreviations

Abbreviations	Full Name of Companies
KPCL	Karnataka Power Corporation Limited - Public - Captive
MCL	Mahanadi Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non 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
OCL	OCL Iron Steel Limited - Private - Captive
OCPL	Odisha Coal & Power Limited - 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
SECL(GP-IV/1)	Gare Palma IV/1 (This Coal Block is now under the Custody of SECL(Coal India Ltd. Subsidiary) - Public - Captive
SECL(GP-IV/2&3)	Gare Palma IV/2 & 3 (These two Coal Blocks are now under the Custody of SECL(Coal India Ltd. Subsidiary) - Public - Captive
SEML	Sarda Energy and Minerals Limited - Private - Captive
SIL	Sunflag Iron & Steel Company Limited - Private - Captive
SPL	Sasan Power Limited - Private - Captive
TSL(TISCO)	Tata Steel Limited - Private - Non Captive

# Abbreviations

Abbreviations	Full Name of Companies
TSPGCL	Telangana State Power Generation Corporation Ltd. - Public - Captive
TUML	Topworth Urja and Minerals Limited - Private - Captive
UTCL	UltraTech Cement Limited - Private - Captive
WBPDCCL	West Bengal Power Development Corporation Ltd. - Public - Captive
WCL	Western Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
<b>Lignite :</b>	
BLMCL	Barmer Lignite Mining Company Limited - Public - Captive
GHCL	Gujarat Heavy Chemical Limited - Private - Captive
GIPCL	Gujarat Industries Power Company Limited - Public - Captive
GMDCL	Gujarat Mineral Development Corporation Limited - Public - 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 Limited - Private - Captive
<b>General Terms :</b>	
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

# Abbreviations

Abbreviations	Full Name of Companies
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



सत्यमेव जयते

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