



सत्यमेव जयते

अंतरिम कोयला सांख्यिकी PROVISIONAL COAL STATISTICS

2020-2021

**Government of India
Ministry of Coal
Coal Controller's Organisation
1, Council House Street,
Kolkata – 700 001**



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PROVISIONAL COAL STATISTICS 2020-21

GOVERNMENT OF INDIA
MINISTRY OF COAL
COAL CONTROLLER'S ORGANISATION
KOLKATA

PROVISIONAL COAL STATISTICS 2020-21

Any suggestions for improvement are most welcome
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“Paying our sincere tribute and respect to the **father of Indian Statistics**, late **Sri Prasanta Chandra Mahalanobis**, for his notable contributions in the statistical development of India by releasing one of the flagship publications, **Provisional Coal Statistics 2021** on his birth anniversary **29th of June**, which is celebrated as **Statistics Day** every year.”

~ Statistics Team of Coal Controller’s Organization





प्रल्हाद जोशी
PRALHAD JOSHI
ಪ್ರಲ್ಹಾದ ಜೋಶಿ



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



Message

Amidst these trying times due to the Covid-19 pandemic, I feel extremely happy to present the 'Provisional Coal Statistics 2020-2021' which puts on record the steady growth India has achieved in the Coal and Lignite sector. Even though the effect of the pandemic has been everywhere, the Coal and Lignite sector has shown its resilience reflecting the criticality of its contribution to the steady development of the Indian economy. The achievements over the years and the strength of this sector has left a mark on the world.

This was possible only because of the ideal leadership of our Hon'ble Prime Minister Sri Narendra Modi and the sincere efforts of everybody associated with this sector. The development in the sector is a stepping stone towards the 'Atmanirbhar Bharat' the clarion call given by the Hon'ble PM

I sincerely hope and believe that this publication will be of immense help. I thank all the officials of Ministry of Coal, especially the Coal Controller's Organization for making this publication a reality during this time.

Jai Hind!

New Delhi
June, 2021

(Pralhad Joshi)

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सत्यमेव जयते



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Message

Coal forms the backbone of India's energy system. It contributes to nearly 58% of the country's commercial primary energy supply (PES) and coal-based power forms more than 70% of power generated in the country. Due to its carbon emission intensity, a transition to clean energy is desirable which is 'just' and gradual. This calls for medium-term planning. Data will form the critical input for all stake-holders to address the challenges that will follow this transition. It has been a major demand of the think-tanks and corporates that coal-related data should be made available in the public domain in its entirety. This compilation substantially meets this demand.

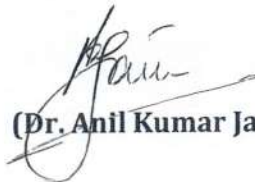
Coal Controller's Organization has been at the forefront of the efforts to help the Ministry of Coal, related Ministries, Government agencies, research bodies, planners, and thinkers, among others by facilitating easy access to a bewildering amount of statistical information on the primary energy source of India. The "Provisional Coal Statistics 2020-21", contains information on the coal and lignite sector of India for the past few years and the provisional information for the year 2020-21.

I acknowledge the effort of Ms Santosh, Deputy Director General (Statistics) and Acting Coal Controller, who led the team at the Coal Controller's Organization in bringing this to fruition. I also appreciate the contribution of different stakeholders for providing crucial data that helped in the finalization of this report. I hope the readers get a detailed overview and necessary insights from this comprehensive repository of information and this would be helpful for planning policy and research purposes.

Jai Hind!

Delhi

28th June, 2021


(Dr. Anil Kumar Jain)

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Message

The Ministry of Coal continues to concentrate on enhancing supplies from the Coal and Lignite sector of India and the 'Provisional Coal Statistics 2020-21' captures the same through figures and data and publishes it. I feel privileged to showcase these achievements through the publication of coal statistics.

The reforms of the sector, accelerated execution of various projects aimed at enhancing production while striving to ensure timely dispatches in a sustainable manner under the guidance of hon'ble Minister for Coal, Mines and Parliamentary Affairs Shri Pralhad Joshi and the stewardship of the Secretary of Coal, Dr. Anil Kumar Jain, has been a fascinating journey full of enthusiasm and commitment to performance. I feel privileged to have been a part of it. The entire world has been busy fighting the COVID-19 pandemic for the past year, but the tireless efforts of our Minister and officials have helped sustain the growth and performance of the Coal and Lignite sector.

I thank the Coal Controller's Organization in making this publication a reality. The 'Provisional Coal Statistics 2020-21' provides a reference guide in gauging the progress of the coal and Lignite sector of India showcasing the contribution that gives assurance to people in these difficult times brought by COVID-19 pandemic and the global economic slowdown. I am sure 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 congratulate the team CCO for publishing this compilation and extend good wishes to them with the fond hope of their scaling newer heights.

(Vinod Kumar Tiwari)

Delhi
28th June, 2021

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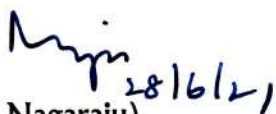


28th June, 2021

Message

The Provisional Coal Statistics 2020-21 brings together all the crucial data related to Coal and Lignite sector in one volume. The publication contains a comprehensive data on Indian production, despatch, pit-head closing stock, import & export, among others. The report can be considered as a reference guide for different stakeholders and research professional who are interested in assessing the dynamics and present situation of coal's contribution to the Indian economy.

Amidst this ongoing global pandemic, the coal industry has been relentlessly serving the nation and addressing the energy requirements. I appreciate the efforts of Coal Controller's Organisation and the entire team led by Ms. Santosh for this publication. Warmest congratulations to the team for the successful publication.


(M.Nagaraju) 28/6/21

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Foreward

Coal, the main fossil fuel of the country, is the backbone of energy production. Coal-fired power plants meet more than 70% of India's electricity demand and needs of Steel, Cement, Fertilizer industries and brick kilns. Hence, the performance of this sector is crucial for the economic growth and development of the country at least in the near future even though push for renewable energy is being given across the globe. As this fossil fuel is going to play a very important role therefore, data driven decision making is of immense importance for efficient and optimum utilization of the fuel.

The Coal Controller's Organization has been carrying out the task of collection and dissemination of data related to the coal and lignite sector of the country for the past many years . This data is used primarily by Ministry of Coal, related Ministries and Organizations, Research and Planning bodies etc. The "Provisional Coal Statistics 2020-21", has been brought out to meet the immediate requirement of data by the various stakeholders. This publication incorporates provisional information on coal, coal products and lignite for the preceding financial year 2020-21 in addition to data for the past few years on Reserve, Production, Dispatch, Pit-head Closing Stock, Import and Export of coal, performances by the Captive Blocks and Washeries. The final annual data, like every year, will be published in the "Coal Directory of India 2020-21".

I believe that the publication would be useful to all relevant stakeholders. My sincere gratitude to the Hon'ble Minister Sri Prahlad Joshi, Secretary (MoC) and all senior officers for their able guidance. I also wish to congratulate and place on record my sincere appreciation to the Officers and staff of the Coal Controller's Organisation who contributed in bringing out this publication. Suggestions for further improvement in content as well as design in the publication are solicited and would be appreciated.

Kolkata
28th June, 2021


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Highlights

I. Highlights

1. Production & Productivity

1.1 In the year 2020-21, total production of raw coal in India was 716.084 MT whereas it was 730.874 MT in 2019-20, showing a negative growth of 2.02% over the previous year. In the year 2020-21, production of lignite was 36.614 MT against 42.096 MT in 2019-20, showing a negative growth of 13.02% over the year 2019-20 [Ref table: 2.1]. In the year 2020-21, production of coking coal was 44.787 MT whereas it was 52.936 MT in 2019-20, showing a decrease of 15.39% over the previous year. In 2020-21, production of non-coking coal was 671.297 MT against 677.938 MT in 2019-20, showing a negative growth of 0.98% over the previous year 2019-20 [Ref table: 2.10]. In the year 2020-21, production of washed coal (coking) was 4.890 MT against 5.285 MT in 2019-20, thus showcasing a decline of 7.47% over 2019-20. In 2020-21, production of middling (coking) was 3.783 MT against 3.547 MT in 2019-20, thus showing a growth of 6.65% over 2019-20 [Ref table: 2.3].

The contribution of public sector and private sector in the production of raw coal in 2020-21 was as follows: [Ref table: 2.10]

Production of Raw Coal in 2020-21 (MT)			
Sector	Coking	Non-Coking	Total Coal
Public	38.934	647.017	685.951
Private	5.853	24.280	30.133
All India	44.787	671.297	716.084

1.2 In the year 2020-21, Chhattisgarh registered highest coal production of 158.409 MT (22.12%), followed by Odisha 154.150 MT (21.53%), Madhya Pradesh 132.531 MT (18.51%), and Jharkhand 119.296 MT (16.66%). In 2020-21, Tamil Nadu was the largest producer of lignite and produced 18.026 MT (49.23%), followed by Gujarat 9.533 MT (26.04%) and Rajasthan 9.056 MT (24.73%) [Ref table: 2.6 & 2.7]. In the year 2020-21, Coal India Limited produced 596.219 MT (83.26%) and SCCL 50.580 MT (7.06%) of coal. In that year, main producer of lignite was Neyveli Lignite Corporation that produced 19.262 MT (52.61%) [Ref table: 2.10]. Like previous years, in the year 2020-21, Jharkhand was the highest producer of coking coal and produced 44.387 MT, which was 99.11% of total coking coal production of 44.787 MT. As the highest non-coking coal producing state, Chhattisgarh produced 158.190 MT (23.56%), followed by Odisha 154.150 MT (22.96%) and Madhya Pradesh 132.350 (19.72%) [Ref table: 2.8].

1.3 In the year 2020-21, 95.64% of coal production in India was from Open Cast mines (684.862 MT) and the rest 4.36% was from Under Ground mines (31.222 MT) [Ref table: 2.15]. MCL was the highest producer of coal from Open Cast mines and produced 147.477 MT (21.53%) followed by SECL 135.227 MT (19.75%) and NCL 115.042 MT (16.80%). GP-IV/1, IV/2 & IV/3 is excluded here in the given quantity of SECL [Ref table: 2.16]. SECL was the highest producer of coal from Under Ground mines and produced 12.176 MT (39.00%), followed by ECL 9.309 MT (29.82%) and SCCL 4.424 MT (14.17%) [Ref table: 2.16]. Output per Manshift (OMS) of Open Cast mines in 2020-21 was 14.01 tonnes for CIL and 13.86 tonnes for SCCL. OMS for Under Ground mines of CIL was 1.06 tonnes and for SCCL it was 0.92 tonnes. OMS is the output measured in tonnes per unit of man-shift [Ref table: 2.18]. Overall stripping ratio for the year 2020-21 was 2.81. 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 2020-21, despatch of indigenous raw coal was 690.888 MT against 707.176 MT in 2019-20, thus there was a decline of 2.30% when compared with the despatch quantity of 2019-20. In this year, despatch of lignite was 37.220 MT against 42.267 MT in 2019-20, showcasing a decline of 11.94% from the previous year [Ref table: 3.1]. In the year 2020-21, despatch of coking coal decreased from 50.656 MT in 2019-20 to 44.001 MT in 2020-21, showing a decrease by 13.14% in 2020-21 [Ref table: 3.8]. In the year 2020-21, despatch of non-coking coal was 646.887 MT whereas it was 656.520 MT in 2019-20, thus the total despatch decreased by 1.47% over 2019-20 [Ref table: 3.8]. In the year 2020-21, despatch of washed coal (coking) was 4.827 MT against 5.305 MT in 2019-20, depicting a decline of 9.01% over 2019-20. In 2020-21, despatch of middling (coking) was 3.326 MT against 3.591 MT in 2019-20, showcasing a decrease of 7.38% over 2019-20 [Ref table: 3.3].

The contribution of public sector and private sector in the despatch of raw coal in 2020- 21 was as follows: [Ref table: 3.8]

Despatch of Raw Coal in 2020-21 (MT)			
Sector	Coking	Non-coking	Total Coal
Public	38.151	622.996	661.147
Private	5.850	23.891	29.741
All India	44.001	646.887	690.888

2.2 In the year 2020-21, major quantity of coal was despatched from Odisha 151.912 MT (21.99%), followed by Chhattisgarh 146.249 MT (21.17%), Jharkhand 117.959 MT (17.07%), Madhya Pradesh 105.385 MT (15.25%) and Telangana 50.533 MT (7.31%) [Ref table: 3.6]. In case of lignite despatch, Tamil Nadu had the highest share of 18.516 MT (49.75%), followed by Gujarat 9.548 MT (25.65%) and Rajasthan 9.156 MT (24.60%) [Ref table: 3.7].

2.3 Out of the total despatch of raw coal in the year 2020-21, despatch of CIL was 573.626 MT (83.03%) and SCCL was 48.513 MT (7.02%). Among the other PSUs, maximum coal was despatched by RRVUNL 15.000 MT (2.17%). Despatch of coal from private sector was 29.741 MT, in which SPL had the largest share of 18.068 MT (60.75%), followed by TSL 5.850 MT (19.67%) [Ref table: 3.8].

2.4 Power sector continued to be the largest user of coal. In 2020-21, the dispatch of coal in power sector was 580.558 MT (84.03%) and other than power sector, coal was mainly dispatched to the steel sector (8.943 MT i.e., 1.29%), sponge iron sector (9.572 MT, i.e., 1.39%), and cement sector (6.751 MT, i.e., 0.98%), among others [Ref table: 3.14].

3. Pit-head Closing Stock

3.1 Pit-head closing stock of raw coal at the end of 2020-21 was 109.185 MT against 81.432 MT at the end of 2019-20. Closing Stock of lignite at the end of 2020-21 was 4.891 MT, whereas it was 5.495 MT at the end of 2019-20. Out of total closing stock at the end of 2020-21, share of public sector was 98.85% (107.927 MT) [Ref table: 4.3].

4. Import & Export

4.1 In the year 2020-21, total import of coal was 214.995 MT compared to 248.537 MT in 2019-20, thus showcasing a decline of 13.50% over 2019-20. In 2020-21, import of coking coal was 51.288 MT whereas it was 51.833 MT in 2019-20, depicting a decline of 1.05% when compared with 2019-20. Import of non-coking coal was 163.707 MT in 2020-21 compared to 196.704 MT in 2019-20, which indicated a decline of 16.78% over 2019-20 [Ref table: 5.1].

4.2 In the year 2020-21, coal was mainly imported from Indonesia (92.535 MT), Australia (54.953 MT), South Africa (31.143 MT), USA (12.204 MT), Russia (6.749 MT), Singapore (4.486 MT) and Mozambique (3.570 MT) [Ref table: 5.3]. In the year 2020-21, so far port wise import of coal was concerned, import was mainly through Krishnapatnam (18.323 MT), Gangavaram (17.528 MT), Mundra (16.496 MT), Paradip Sea (17.090 MT), Kandla Sea (15.974 MT), Dhamra (15.268 MT), Sez Mundra (13.995 MT), among others [Ref table: 5.5].

4.3 In the year 2020-21, export of coal was 0.800 MT compared to 1.030 MT in 2019-20. Coal was mainly exported to Nepal (0.618 MT) and Bangladesh (0.104 MT) [Ref table: 5.4]. Coal was mainly exported through Nautanwa (Sonauli) (0.297 MT) and Nepalganj (0.200 MT). [Ref table: 5.6].

5. Captive & Commercial Block

5.1 In the year 2020-21, the total production of raw coal from captive coal blocks in India was 66.352 MT compared to 61.296 MT in 2019-20. In 2020-21, dispatch of coal from captive coal blocks was 62.466 MT compared to 59.966 MT in 2019-20 [Ref table: 2.12 and 3.10].

6. Geological Resources & Exploration

6.1 As per Geological Survey of India, geological reserves of coal in India as on 01.04.2020 was 3,44,021 Million Tonnes. The type wise break up of coal reveals that reserve of coking coal (prime, medium and semi-coking) was 35,004 MT and non-coking coal was 3,09,017 MT. The data for 2020-21 has not been provided here as the data was not received from GSI. The data shall be revised and updated in the Coal Directory 2020-2021. Total coal extracted since 1950 up to 2020-21 was around 1,72,96,897 TT.





Concepts, Definitions and Practices

II. Concepts, Definitions and Practices

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

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

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.

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. (JSMDCCL) 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.

5.7.2 On the other hand, if the captive colliery is treated as independent commercial unit, then pit-head value is calculated on the basis of unit value of realization, which includes cost price and profit/loss per unit but excludes any transportation cost from pit-head, cess, royalty, 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.).

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

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

5.7.5 It may be concluded that, in India, unit value (Rs.) of coal in terms per kilo calorie useful heat value has been increasing more

rapidly than being exhibited by simple unit value comparison over the years.

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 DGCI&S in classifying the various

grades of coal and coal products. For coking coal, the only 8-digit code is “27011910” and all other codes of coal are taken as non-coking coal (mainly pertains to remaining part of 2701, some parts of 2702 & 2703). Similarly, for all items in 2704 group 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 2020-21 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 2020-21, 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 is the corresponding figures for last eight years along with the provisional figures for 2020-21.

Year	Item	Production				Despatch			
		(Quantity in Million Tonnes)				(Quantity in Million Tonnes)			
		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
	Final	51.582	504.820	556.402	46.453	55.859	511.277	567.136	46.313
	Change (F-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
	Final	56.818	508.947	565.765	44.271	58.464	513.596	572.060	43.897
	Change (F-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
	Final	57.446	551.733	609.179	48.270	56.438	547.334	603.772	46.954
	Change (F-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
	Final	60.887	578.343	639.230	43.842	59.213	573.229	632.442	42.211
	Change (F-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
	Final	61.661	596.207	657.868	45.230	59.308	586.670	645.978	43.155
	Change (F-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

N.B: F=Final, P=Provisional

Provisional Coal Statistics 2020-21, apart from providing data on production, despatch and stock of coal and lignite in India for the year 2020-21 also provides data on coal reserves in India as on 01-04-2020, import and export of coal, performance of captive mining etc.

In this report of 2020-21, like previous years, specific information has been provided regarding performance of captive coal blocks so far production, despatch and closing stock are concerned. Segregation has been made between the coal blocks in public sector and private sector on the basis of the original allotment made between public sector and private sector. Performance of coal blocks so far production, despatch and closing stock is concerned, is shown in the corresponding tables of this publication.

As the purpose of the publication of the Provisional Coal Statistics 2020-21 is to provide quick results to all stakeholders, users, planners, etc., a detailed analysis like the one attempted in the Coal Directory has not been preferred here. Therefore, the report contains only an introductory note followed by tables and charts depicting various aspects of coal statistics.

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. Indian lignite deposits are in the Tertiary sediments in the Southern & Western parts of the peninsular shield, particularly in Tamil Nadu, Pondicherry, Gujarat, Rajasthan and Jammu & Kashmir. It is also available, in minor quantity, in Kerala & West Bengal. 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	01/04/2018 *	1,48,787	1,39,164	31,069	3,19,020
	01/04/2019 *	1,55,614	1,40,501	30,381	3,26,496
	01/04/2020 *	1,63,461	1,50,392	30,168	3,44,021
Lignite	01/04/2018	6,541	26,389	12,734	45,664
	01/04/2019	6,788	26,237	12,734	45,759
	01/04/2020	6,788	26,237	12,994	46,019

* 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.

1. Production of Coal and Lignite in India

1.1 In the year 2020-21, coal production in India reached 716.084 MT and registered a negative growth of 2.02% over the last year. During this period production of lignite reached 36.614 MT registering a negative growth of 13.02% over the last year. Statement 3(A) shows domestic production of coal in 2020-21 by public and private sectors.

Statement 3(A): Coal Production in India by Company			
Company	Coal Production (2020-21) [MT]		
	Coking	Non-coking	Total
CIL	38.842	557.377	596.219
SCCL		50.580	50.580
Other Public	0.092	39.060	39.152
Total Public	38.934	647.017	685.951
Total Private	5.853	24.280	30.133
All India	44.787	671.297	716.084

1.2 It can be seen that Coal India Limited alone accounted for 83.26% of coal production in the country and share of SCCL was 7.06%. Share of public sector was 95.79% and that of private sector was 4.21%. 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 (20.67%), SECL (20.58%) and NCL (16.07%). These three subsidiary companies of CIL collectively accounted for 57.32% of total coal production at all India level and 69.38% of production by CIL group.

Statement 3(B): Coal Production in India by CIL Subsidiary Wise coal production			
Company	Coal Production (2020-21) [MT]		
	Coking	Non-coking	Total
ECL	0.015	44.989	45.004
BCCL	23.384	1.272	24.656
CCL	15.043	47.546	62.589
NCL		115.042	115.042
WCL	0.181	50.094	50.275
SECL**	0.219	150.386	150.605
MCL		148.012	148.012
NEC		0.036	0.036
CIL	38.842	557.377	596.219
** 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 was of non-coking coal (93.49%) and 6.51% was coking coal.

1.4 From table 2.2, it can be seen that in the year 2020-21 production of coking coal decreased by 15.39% over the previous year 2019-20 and non-coking coal production decreased by 0.98% over the previous year.

1.5 Statement 4 shows coal production in India during 2020-21 by states. It may be observed that the four major states were Chhattisgarh (22.1%), Odisha (21.5%), Madhya Pradesh (18.51%) and Jharkhand (16.66%). These four states together contributed about 78.82% of the total coal production in the country.

Statement 4: Coal Production in India by State			
States	Coal Production (2020-21) [MT]		
	Coking	Non-Coking	Total
Assam		0.036	0.036
Chhattisgarh	0.219	158.190	158.409
J & K		0.012	0.012
Jharkhand	44.387	74.909	119.296
Madhya Pradesh	0.181	132.350	132.531
Maharashtra		47.435	47.435
Odisha		154.150	154.150
Telangana		52.603	52.603
Uttar Pradesh		17.016	17.016
West Bengal		34.596	34.596
All India	44.787	671.297	716.084

1.6 Considering coal production from the technology point of view it can be seen from table 2.15 that in the year 2020-21 production from Open Cast mining was 684.862 MT which accounted for 95.64% of the total coal production and the rest 31.222 MT i.e., 4.36% was from the Under Ground mining. It is interesting to note that the share of Open Cast mining in total coal production has been steadily increasing over time and in the last ten years it has increased from 90.38% in 2011-12 to 95.64% in 2020-21.

1.7 It can be seen from table 2.3 that production of coal products decreased from 42.579 MT in the year 2019-20 to 41.452 MT in the year 2020-21. Out of total coal products in 2020-21, production of washed coal (coking) was 4.890 MT and washed coal (non-coking) was 18.432 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 2020-21.

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 2.19, it can be seen that in the year 2020-21, the stripping ratio at all India level was 2.81, the corresponding figure for the year 2019-20 was 2.55. Stripping ratio of CIL for 2020-21 was 2.36 and 2.02 in the year 2019-20. In the year 2020-21, stripping ratio for the public sector as a whole was 2.76 and for the private sector it was 4.03. In case of CIL companies, NEC reported the highest stripping ratio of 17.17 against coal production (OC) of 0.036 MT whereas MCL reported the lowest stripping ratio of 1.18 against coal production (OC) of 147.477 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 2020-21 and 2019-20 for two major players in the public sectors namely CIL and SCCL. From table 2.17, it can be seen that OMS for CIL in respect of open cast mining (OC) has shown an increasing trend in last ten years which increased from 10.40 in 2011-12 to 14.01 in 2020-21. In case of SCCL it increased from 13.26 in 2011-12 to 13.86 in 2020-21. Further details on the issue can be seen from the table 2.18.

Statement 5: OMS (Tonnes) in OC & UG Mines in 2019-20 and 2020-21 (CIL & SCCL)			
Type of Mining	Company	Year	
		2019-20	2020-21
OC	CIL	17.90	14.01
	SCCL	16.57	13.86
UG	CIL	0.99	1.06
	SCCL	1.44	0.92
Overall	CIL	9.64	9.09
	SCCL	4.89	5.62

1.11 In table 2.10, it is shown that production of lignite in the year 2020-21 was 36.614 MT whereas it was 42.096 MT in 2019-20 showing a negative growth of 13.02% over the previous year. Statement 6 shows production of lignite by different companies in 2019-20 and 2020-21. In the year 2020-21, four major producing companies with share in total production were NLC (52.61%), BLMCL (16.44%), GMDCL (16.40%), and GIPCL (9.58%).

Statement 6: Lignite Production (MT) in India by Companies in 2019-20 and 2020-21		
Company	2019-20	2020-21
NLC	24.864	19.262
GMDCL	6.957	6.004
GIPCL	3.342	3.508
RSMML	0.790	0.830
GHCL	0.058	0.021
VSLPPL	0.672	0.971
BLMCL	5.413	6.018
All India	42.096	36.614

2. Despatch

2.1 In the year 2020-21, despatch of raw coal was 690.888 MT against 707.176 MT in the year 2019-20, thus resulting in a negative growth of 2.3% over the previous year.

2.2 Statement 7 shows despatch of coal by different companies in the year 2020-21. It can be seen that Coal India Limited alone accounted for 83.02% of overall coal despatch in the country, while the share of SCCL in coal despatch was 7.02%. The contribution of the private sector was 4.30%. In CIL group of companies, share of SECL in all India coal despatch during 2020-21 was 19.62%, MCL 21.13% and NCL 15.73%. These three subsidiary companies of CIL collectively accounted for 56.48% of raw coal despatch in all India level.

Statement 7: Coal Despatch in India by Company- 2020-21			
Company	Coal Despatch [MT]		
	Coking	Non-coking	Total
ECL	0.018	41.844	41.862
BCCL	22.113	1.057	23.170
CCL	15.473	49.927	65.400
NCL		108.644	108.644
WCL	0.184	49.504	49.688
SECL	0.271	138.493	138.764
MCL		146.008	146.008
NEC		0.090	0.090
CIL	38.059	535.567	573.626
SCCL		48.513	48.513
Other Public	0.092	38.916	39.008
Total Public	38.151	622.996	661.147
Total Private	5.850	23.891	29.741
All India	44.001	646.887	690.888

2.3 Statement 8 shows details of off-take of raw coal in India in the year 2020-21 by different sectors of economy. Analysis of total off-take by different sector shows that power sector accounted for 84.01% of total raw coal off-take. Further details are shown in table 3.14.

Statement 8: Off-take of Raw Coal in India in 2020-21 by Sector	
Sector	Off-take [MT]
Power (Utility)	510.265
Power (Captive)	70.293
Steel	8.943
Cement	6.751
Fertilizers	1.527
Sponge Iron	9.572
Other Basic-Metal	0.683
Chemical	0.197
Pulp & Paper	1.045
Textiles & Rayons	0.084
Bricks	0.025
Others	81.503
Total Despatch	690.888
Colliery Consumption	0.196
Total Off-take	691.084

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 2020-21.

2.5 From Statement 9, it can be seen that despatch as well as off-take of lignite in the year 2020-21 was 37.220 MT. Like coal, lignite was mainly despatched to power sector and share was 84.47% 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 – 2020-21	
Sector	Off-take
Power (Utility)	10.254
Power (Captive)	21.185
Steel	0.025
Cement	0.811
Fertilizer	0.000
Other Basic Metal	0.000
Chemical	0.368
Pulp & Paper	2.064
Textiles & Rayons	0.748
Bricks	0.426
Others	1.341
Total Despatch	37.220
Colliery Consumption	0.000
Total Off-take	37.220

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
2011-12	74.040	1.051
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	109.185	4.891

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 31-03-2021 of coal and lignite was 109.185 MT and 4.891 MT 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 74.040 MT in the year 2011-12, however, for the year 2012-13 and 2013-14, it showed decreasing trend. 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. In case of lignite, closing stock has been showing upward trend since the year 2011-12 till 2017-18.

3.2 Statement 11 shows pit-head closing stock of coal of CIL- subsidiaries, SCCL and others as on 31-03-2020 and 31-03-2021. It can be seen that in 2020-21, CIL registered an increase of 32.25% in its pit-head closing stock of coal. In the CIL Group, there was significant increase of closing stock in SECL, MCL and NCL. There was also significant increase of closing stock in case of SCCL and 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	
	31/03/2020	31/03/2021
ECL	3.336	6.302
BCCL	2.314	3.800
CCL	13.302	10.491
NCL	3.999	10.396
WCL	14.296	14.879
SECL	17.875	29.707
MCL	19.879	23.688
NEC	0.054	0.000
CIL	75.055	99.263
SCCL	3.188	5.239
Others Public	2.325	3.425
Total Public	80.568	107.927
Total Private	0.864	1.258
All India	81.432	109.185

Statement 12: Company Wise Pit-head Closing Stock of Lignite (MT)		
Company	As on	
	31/03/2020	31/03/2021
NLC	5.059	4.570
GMDCL	0.000	0.000
GIPCL	0.000	0.000
GHCL	0.028	0.014
RSMML	0.000	0.000
VSLPPL	0.020	0.064
BLMCL	0.388	0.243
Total	5.495	4.891

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 2020-21 import of raw coal of the country was 214.995 MT (in value 1160372 Million Rupees) against import of 248.537 MT (in value 1527321 Million Rupees) in 2019-20. Thus, in the year 2020-21, import of coal decreased by 13.50% 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 2020-21		
Type of Coal	Quantity [MT]	Value [Rs. Million]
Coking	51.288	454355
Non-Coking	163.707	706017
Total	214.995	1160372

It can be seen that the share of coking coal in the total quantity was 23.86% which in value terms accounted for 39.16% of the total. Statement 14 shows major source country wise import of coal in India in 2020-21. It can be seen that Indonesia with 43.04% share (92.535 MT) remained the leading supplier of coal to India followed by Australia 25.56% (54.953 MT) and South Africa 14.49% (31.143 MT). These three countries together accounted for 83.09% of the total import to India during the year 2020-21.

Statement 14: Source Country Wise Import of Coal to India during 2020-21		
Country	Quantity [In MT]	Share (%)
Indonesia	92.535	43.04%
Australia	54.953	25.56%
South Africa	31.143	14.49%
USA	12.204	5.67%
Mozambique	3.570	1.66%
Russia	6.749	3.14%
Singapore	4.486	2.09%
Others	9.355	4.35%
Total	214.995	100.00%

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 2020-21		
Country	Quantity [In MT]	Share (%)
Australia	37.036	72.21%
Canada	2.850	5.56%
USA	3.895	7.59%
Mozambique	1.669	3.25%
Indonesia	1.398	2.73%
Singapore	1.860	3.63%
Others	2.580	5.03%
Total	51.288	100.00%

Statement 16: Source Country Wise Import of Non-Coking Coal to India during 2020-21		
Country	Quantity [In MT]	Share (%)
Indonesia	91.137	55.67%
South Africa	31.854	19.46%
Australia	17.203	10.50%
USA	8.037	4.91%
Russia	5.433	3.32%
Singapore	2.732	1.67%
Others	7.311	4.47%
Total	163.707	55.67%

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
2016-17	56.620	59.308	41.644	0.027
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	44.001	51.288	0.003

Statement 18: Demand*, Despatch, Import and Export of Non-coking Coal of India [MT]				
Year	Demand*	Despatch	Import	Export
2016-17	828.250	586.670	149.309	1.746
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	646.887	163.707	0.797

*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 2020-21 (Statement 19). It can be seen from the statement that coal was exported mainly to Nepal 0.618 MT (77.20%) followed by Bangladesh 0.104 MT (13.04%).

Statement 19: Export of Coal by India to Different Countries during 2020-21		
Country	Quantity [MT]	Share (%)
Nepal	0.618	77.25%
Bangladesh PR	0.104	13.00%
Bhutan	0.046	5.75%
Others	0.032	4.00%
Total	0.800	100.00%

4.7 The break-up of country wise Export for non-coking coal is given in Statement 20. Export of coking coal during 2020-21 was negligible.

Statement 20: Export of Non-Coking Coal from India to Different Countries during 2020-21		
Country	Quantity [MT]	Share (%)
Bangladesh PR	0.104	13.05%
Nepal	0.615	77.16%
Bhutan	0.046	5.77%
Others	0.032	4.02%
Total	0.797	100.00%

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 2020-21, 130 Captive Coal Blocks vested/ allotted including 3 blocks under Not Cancelled by Hon'ble Supreme Court & 4 Coal Blocks under Custodian. From these total 130 coal blocks production of coal was 66.346 MT in 2020-21.

5.7 Therefore, as on 31.03.2021, number of coal blocks that exist are 130 (vested/ allotted - 108 + Custodian - 04 + Under MMDR Act - 15 and blocks not cancelled - 03).

5.8 As on 31.03.2021, the number of lignite blocks that stand allocated are 23.

Chart - I: Month Wise Raw Coal Production, Despatch & Closing Stock in 2020-21

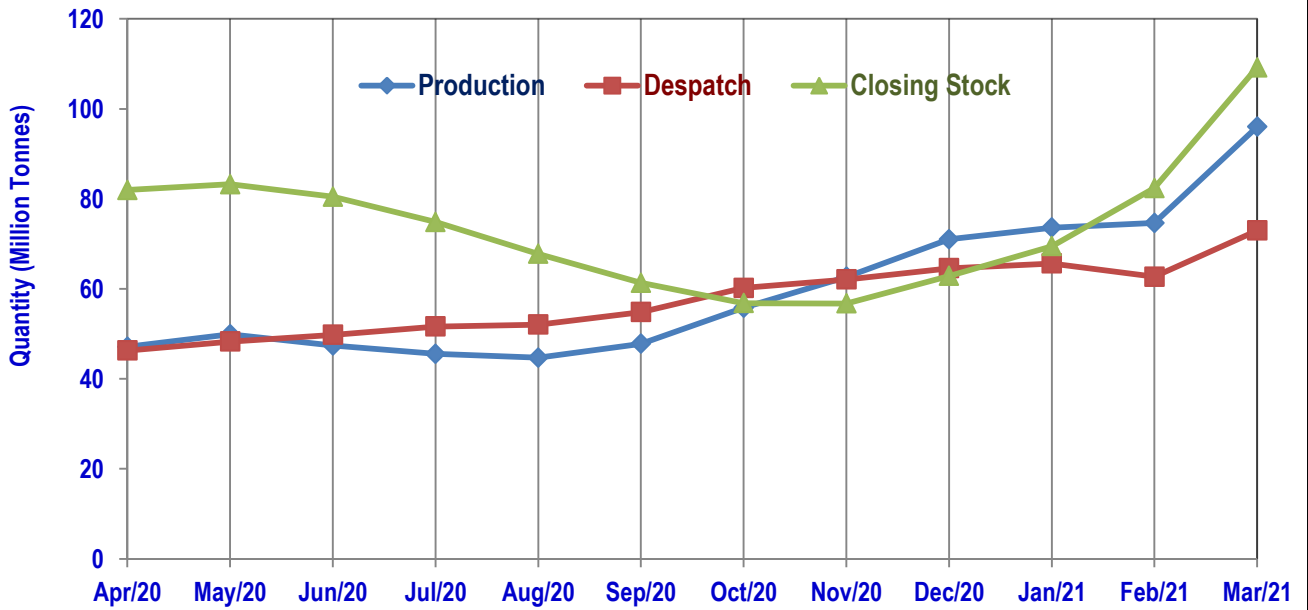


Chart - II: Raw Coal Production, Despatch & Closing Stock during Last Ten Years

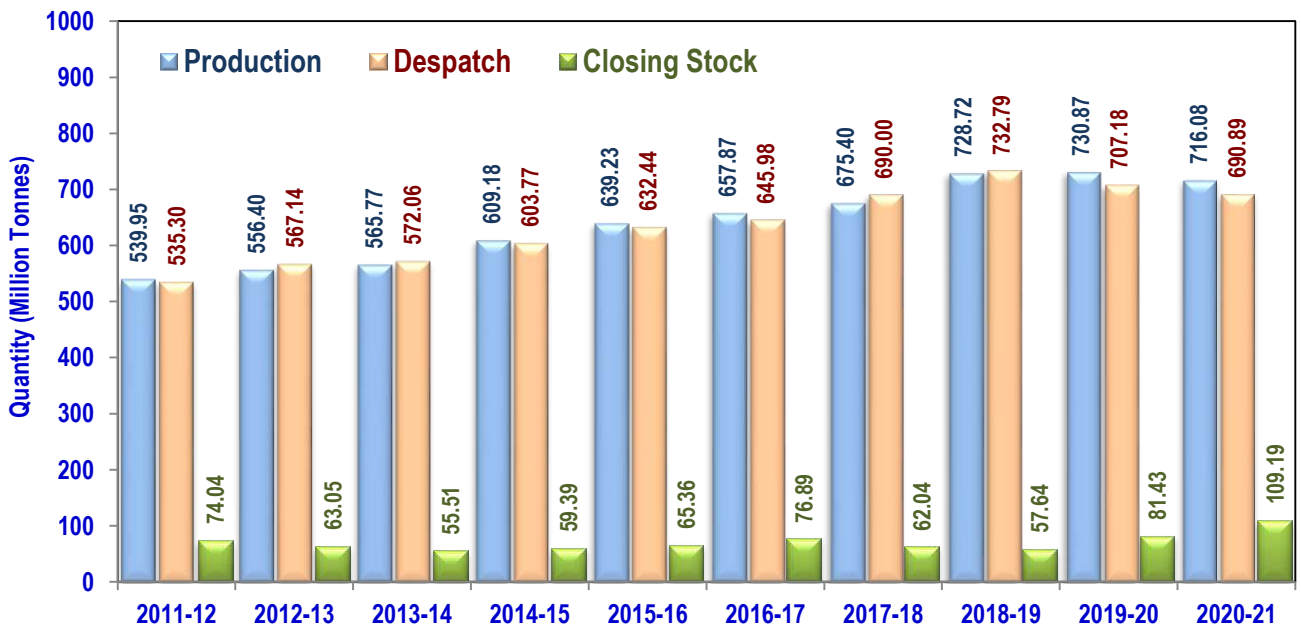


Chart - III: Lignite Production, Despatch & Closing Stock during Last Ten Years

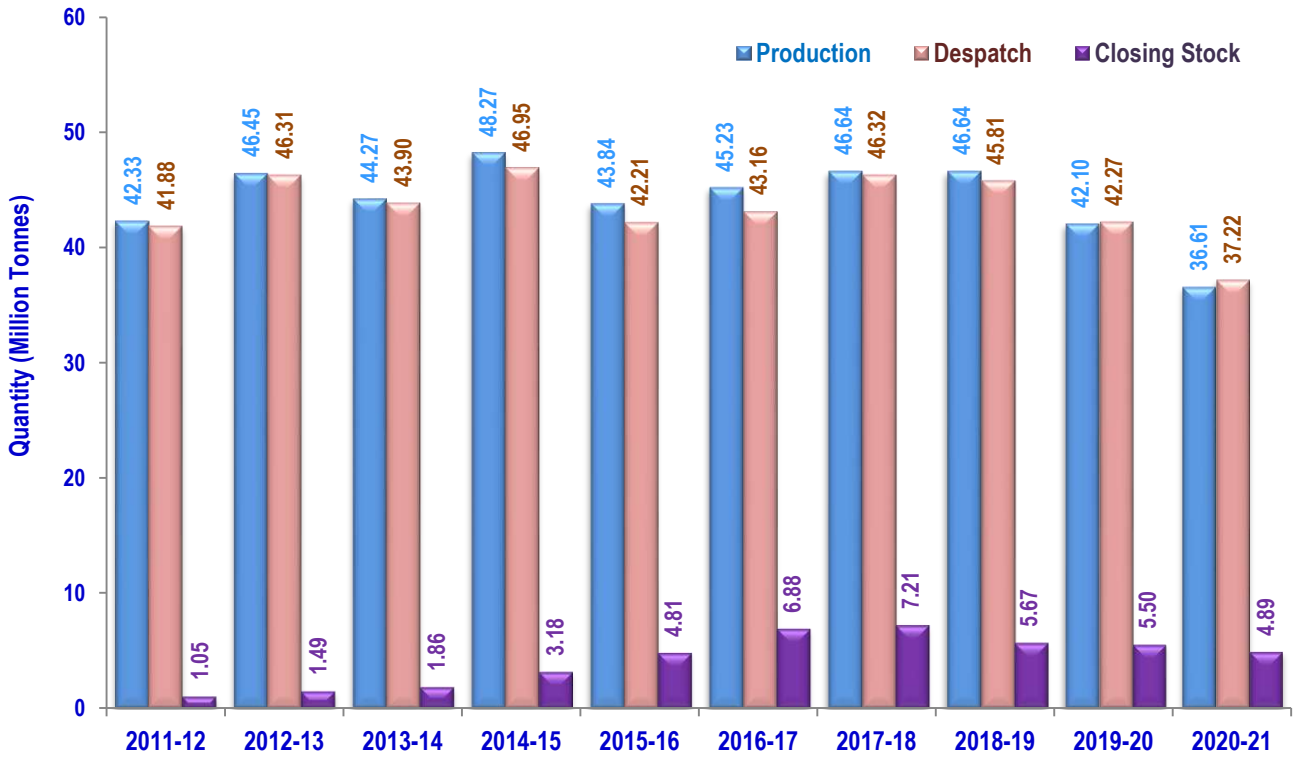


Chart - IV: Sector Wise Despatch of Raw Coal from Different Companies in 2020-21

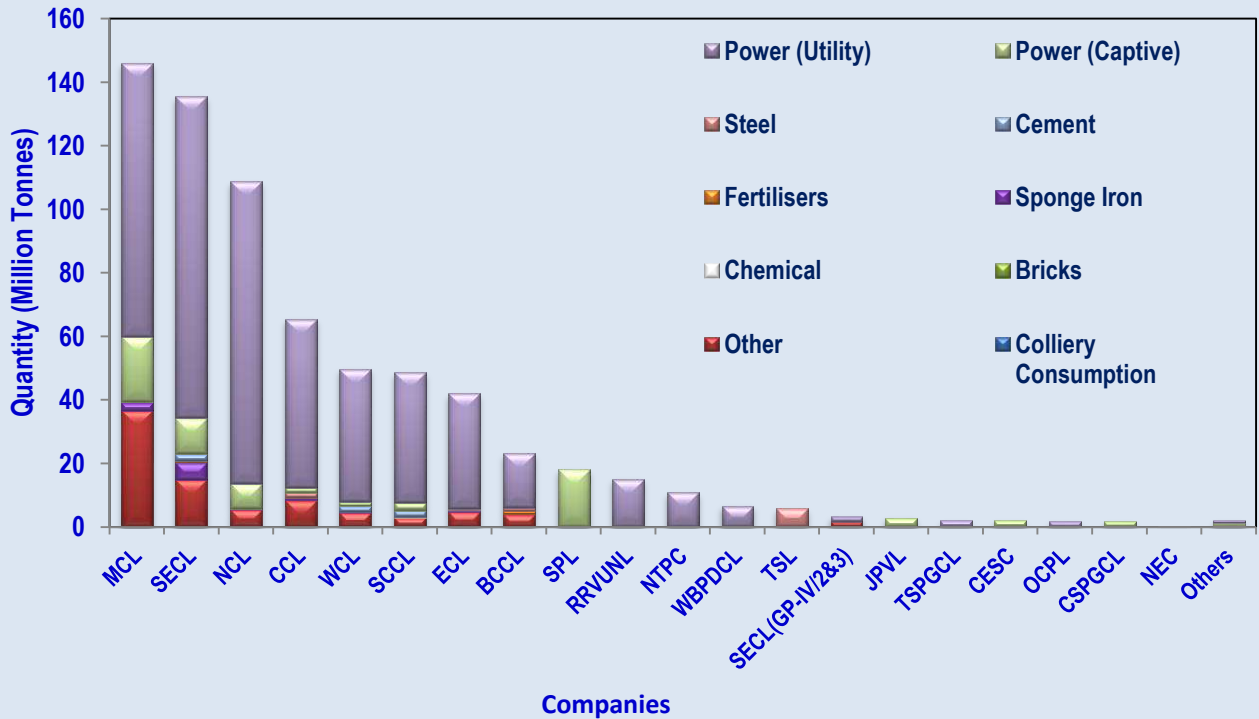


Chart - V: Import of Coal (Coking and Non-Coking), Coke and Lignite during Last Ten Years

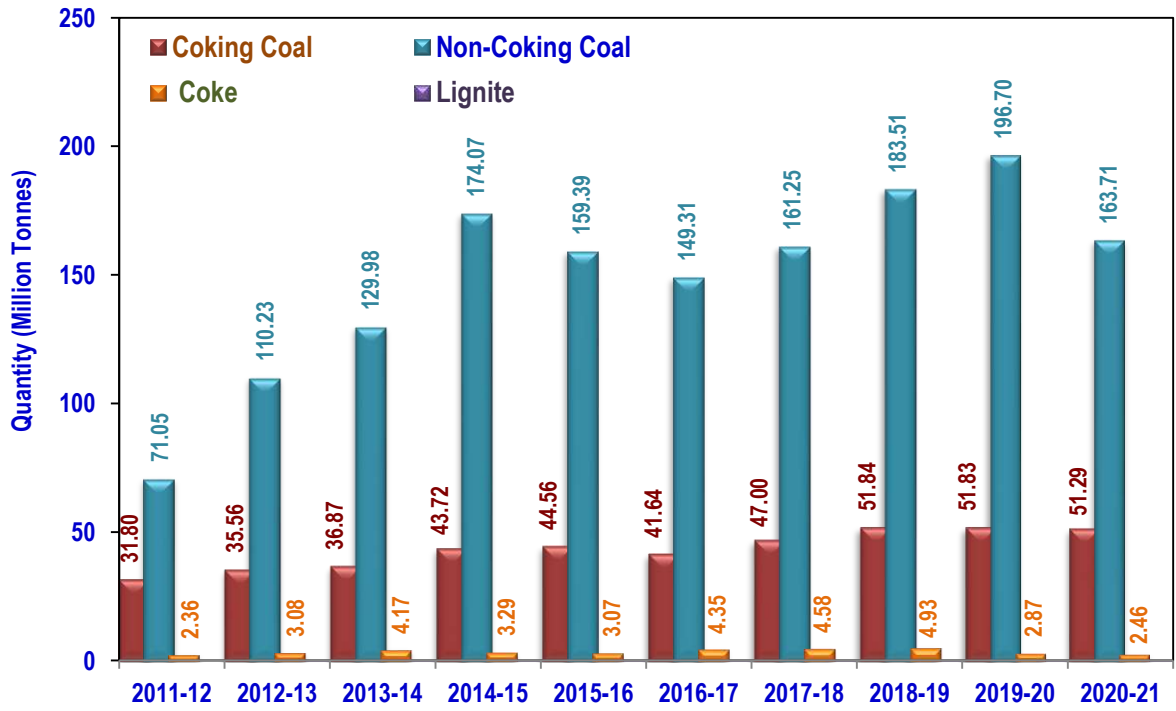
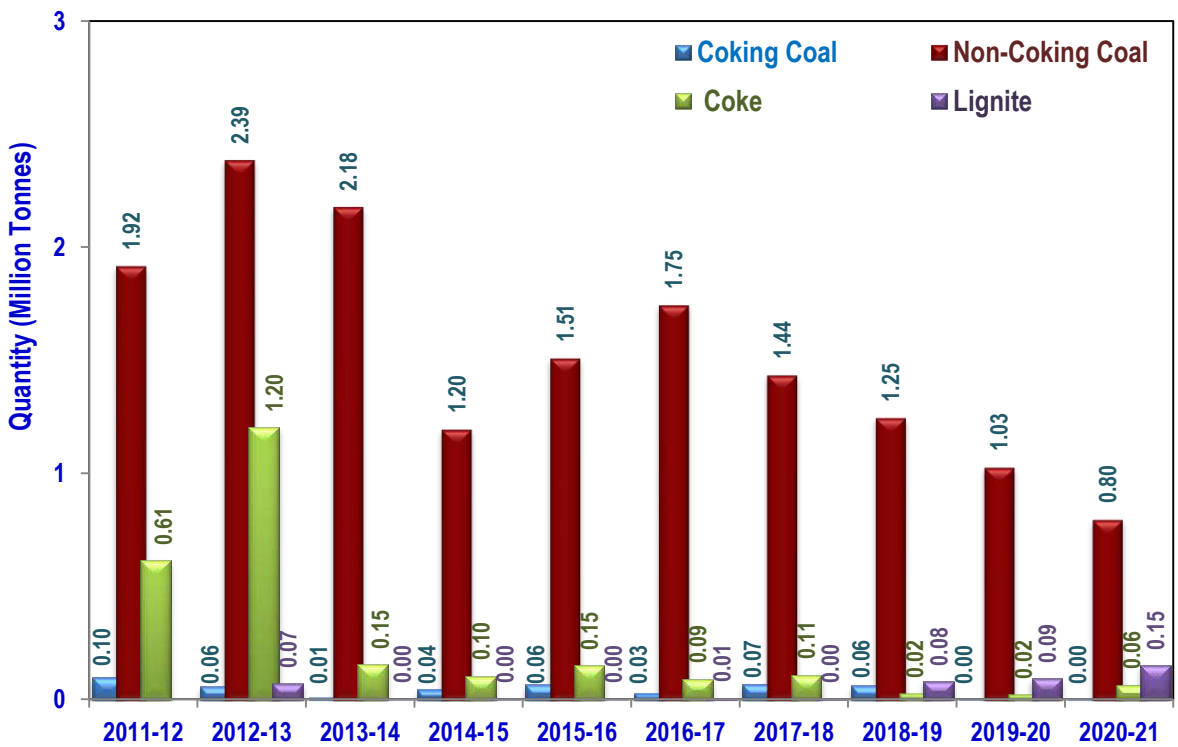


Chart - VI: Export of Coal (Coking and Non-Coking), Coke and Lignite during Last Ten Years





Demand, Supply, Resources & Exploration

Table 1.1: All India Coal Demand (BE) and Supply - Sector Wise : 2020-21

(Quantity in Million Tonnes)

Sector	Demand (BE)	Actual Supply			Achievement
		Indigenous	Import	Total	
I. Coking Coal					
1 Steel/Coke Oven/Private Cokeries	77.00	8.94	51.29	60.23	78.22%
2 Import					
Sub Total (Raw Coal)	77.00	8.94	51.29	60.23	
II. Non Coking Coal					
3 Power (Utilities)	707.00	475.93		475.93	
4 Power (Captive)	108.00	89.62		89.62	
5 Cement	45.00	6.75		6.75	
6 Sponge Iron/Steel DRI	50.00	9.57		9.57	
7 Others	65.00	100.06		100.06	
8 Coll. Consumption		0.20		0.20	
Sub-total (Non Coking Raw Coal)	975.00	682.14	163.71	845.85	86.75%
III. Total Raw Coal Off-take	1052.00	691.08	214.99	906.08	86.13%

Note: The sector wise demand is as per Annual Plan of Ministry of Coal (2020-21).

Table 1.2: Supply Plan of Indigenous Coal - Source Wise in 2020-21

(Quantity in Million Tonnes)

Source of Supply	Supply Plan (BE)	Actual Supply	Achievement
1 ECL	55.02	42.04	76.40%
2 BCCL	37.13	23.18	62.42%
3 CCL	86.00	65.40	76.05%
4 NCL	113.25	108.64	95.93%
5 WCL	62.00	49.69	80.15%
6 SECL*	183.00	138.77	75.83%
7 MCL	173.00	146.01	84.40%
8 NEC	0.60	0.09	15.00%
9 Total CIL	710.00	573.82	80.82%
10 SCCL	70.00	48.51	69.30%
11 Others	101.26	68.75	67.89%
All India Indigenous Coal Supply	881.26	691.08	78.42%

Note: 1. * Includes 0.000 from GP-IV/1 and 3.241 from GP-IV/2&3.

2. The demand & supply plan is as per Annual Plan of Ministry of Coal (2020-2021).

Table 1.3: Indigenous Coal Supply Plan (BE) & Achievement : 2020-21
(Quantity in MillionTonnes)

Sector	BE (2020-21) \$				Actual				Achievement (%)			
	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total	CIL	SCCL	Others	Total
I. Coking Coal												
1 Steel (Indigenous)	8.78	0.00	12.29	21.07	2.90	0.00	6.04	8.94	33.04%	0.00%	49.16%	42.44%
2 Private Cokeries												
Sub Total	8.78	0.00	12.29	21.07	2.90	0.00	6.04	8.94	33.04%	0.00%	49.16%	42.44%
II. Non-Coking Coal												
3 Power (Utilities)	575.92	57.52	9.21	642.65	432.28	40.89	37.10	510.27	75.06%	71.09%	402.78%	79.40%
4 Power (Captive)	60.53	3.44	65.20	129.17	42.70	2.37	25.23	70.29	70.54%	68.84%	38.70%	54.42%
5 Cement	5.47	2.38	0.38	8.23	4.45	2.01	0.30	6.75	81.26%	84.41%	78.16%	82.03%
6 Sponge Iron/CDI	13.83	0.11	0.42	14.36	9.46	0.26	0.05	9.77	68.41%	236.36%	11.40%	68.03%
7 Others	52.45	10.44	2.68	65.57	81.85	2.98	0.04	84.87	156.05%	28.57%	1.35%	129.43%
8 Colly. Consumption	0.21	0.00	0.00	0.21	0.20	0.00	0.00	0.20	93.33%	0.00%	0.00%	93.39%
Sub Total	708.41	73.89	77.89	860.19	570.92	48.51	62.71	682.14	80.59%	65.66%	80.51%	79.30%
III. Total Raw Coal	717.19	73.89	90.18	881.26	573.82	48.51	68.75	691.08	80.01%	65.66%	76.24%	78.42%

Note: BE (2020-21) \$ is based on Annual Plan of Ministry of Coal (2020-21).

Table 1.4: Balance Sheet of Availability and Supply of Raw Coal & Lignite during 2019-20 & 2020-21
(Quantity in Million Tonnes)

Availability (within India)	2019-20	2020-21	Supply (within India)	2019-20				2020-21			
				Raw Coal	Lignite	Imported Coal	Total	Raw Coal	Lignite	Imported Coal	Total
(A) Production			Sectors								
Coking Coal	52.936	44.787									
Non-Coking Coal	677.938	671.297									
Lignite	42.096	36.614	Steel & Washery	11.908	0.021	51.833	63.762	8.943	0.025	51.288	60.256
Total	772.970	752.698	Power (Utility+Captive)	626.149	36.332		662.481	580.558	31.438		611.996
(B) Change of Vendible Stock (Closing - Opening)			Cement	8.569	0.996		9.565	6.751	0.811		7.562
Coking Coal	2.287	0.807	Textile	0.101	0.162		0.263	0.084	0.748		0.832
Non-Coking Coal	21.186	23.977	Sponge Iron	10.529	0.014		10.543	9.572	0.000		9.572
Lignite	0.177	-0.604	Fertilizer & Chem.	1.764	0.002		1.766	1.724	0.368		2.092
Total Change (Closing - Opening)	23.650	24.180	Paper	1.326	0.546		1.872	1.045	2.064		3.109
(C) Import			Brick	0.026	0.465		0.491	0.025	0.426		0.451
Coking Coal	51.833	50.186	Others	46.804	3.729	196.704	247.237	82.186	3.995	163.707	249.888
Non-Coking Coal	196.704	165.424	Colliery Consmn.	0.211			0.211	0.196			0.196
Total Raw Coal	248.537	215.609	Total Off-take	707.387	42.267	248.537	998.191	691.084	37.220	214.995	943.299
(D) Export	1.030	0.800	Statistical Difference				-1.364				0.028
(E) Total Availability	996.827	943.328	Total Supply				996.827				943.328

Table 1.5: Total Primary Supply (TPS) of Coal & Lignite : 2011-12 to 2020-21

(Quantity in Million Tonnes)

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)
2011-12	Coal	539.950	102.853	2.014	100.839	72.192	74.040	1.848	642.637
	Lignite	42.332				0.610	1.051	0.441	42.773
	Total	582.282	102.853	2.014	100.839	72.802	75.091	2.289	685.410
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
	Total	602.855	145.786	2.512	143.274	75.091	64.542	-10.549	735.580
2013-14	Coal	565.766	168.439	2.153	166.286	63.049	55.178	-7.871	724.181
	Lignite	44.271	0.001	0.002	-0.001	1.493	1.860	0.367	44.637
	Total	610.037	168.440	2.155	166.285	64.542	57.038	-7.504	768.818
2014-15	Coal	612.435	212.103	1.238	210.865	55.178	59.389	4.211	827.511
	Lignite	48.257	0.001	0.003	-0.002	1.860	3.176	1.316	49.571
	Total	660.692	212.104	1.241	210.863	57.038	62.565	5.527	877.082
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
	Total	683.072	203.950	1.576	202.375	62.565	70.170	7.605	893.052
2016-17	Coal	657.868	190.953	1.773	189.180	65.361	76.889	11.528	858.576
	Lignite	45.230	0.019	0.005	0.014	4.809	6.883	2.074	47.318
	Total	703.098	190.972	1.778	189.194	70.170	83.772	13.602	905.894
2017-18	Coal	675.400	208.249	1.504	206.745	75.952	62.036	13.916	896.061
	Lignite	46.644	0.010	0.004	0.006	6.883	7.210	-0.327	46.323
	Total	722.044	208.259	1.508	206.751	82.835	69.246	13.589	942.384
2018-19	Coal	728.718	235.349	1.306	234.042	62.036	57.640	4.396	967.156
	Lignite	44.283	0.019	0.079	-0.060	7.210	5.672	1.538	45.761
	Total	773.001	235.368	1.385	233.983	69.246	63.312	5.934	1012.918
2019-20	Coal	730.874	248.537	1.030	247.507	57.640	81.432	-23.792	954.589
	Lignite	42.096	0.054	0.093	-0.038	5.672	5.495	0.177	42.235
	Total	772.970	248.591	1.122	247.468	63.312	86.927	-23.615	996.823
2020-21	Coal	716.084	214.995	0.800	214.195	81.432	109.185	-27.753	902.526
	Lignite	36.614	0.019	0.150	-0.131	5.495	4.891	0.604	37.087
	Total	752.698	215.014	0.950	214.064	86.927	114.076	-27.149	939.613

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: Percentage Change in Actual Over Provisional during Last Ten Years
(Quantity in Million Tonnes)

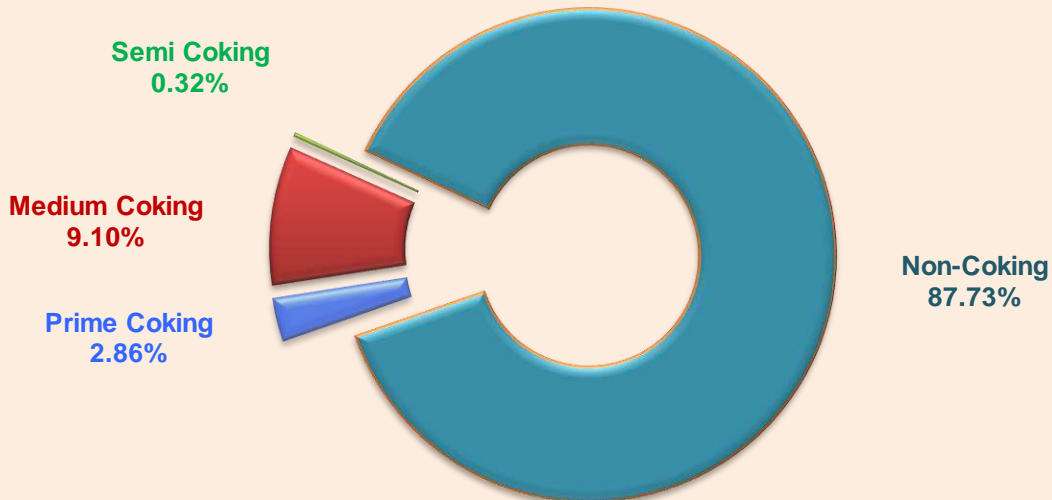
Year	Item	Production				Despatch			
		Coking Coal	Non-Coking Coal	Total Coal	Lignite	Coking Coal	Non-Coking Coal	Total Coal	Lignite
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2010-11	Provisional	49.533	483.543	533.076	37.735	48.936	474.311	523.247	37.516
	Actual	49.547	483.147	532.694	37.733	48.950	474.515	523.465	37.685
	Change(A-P)	0.03%	-0.08%	-0.07%	-0.01%	0.03%	0.04%	0.04%	0.45%
2011-12	Provisional	51.654	488.286	539.940	43.105	51.528	483.624	535.152	42.500
	Actual	51.660	488.290	539.950	42.332	51.723	483.576	535.299	41.883
	Change(A-P)	0.01%	0.00%	0.00%	-1.79%	0.38%	-0.01%	0.03%	-1.45%
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

Note : P=Provisional, A=Actual

**Table 1.7: Inventory of Geological Resources & Exploration of Coal by Type
as on 1st April 2018, 2019 & 2020**
(Quantity in Million Tonnes)

Type of Coal	As on	Resources & Exploration			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Prime Coking	01/04/2018	4,649	664	0.00	5,313
	01/04/2019	4,668	645	0.00	5,313
	01/04/2020	4,668	645	0.00	5,313
Medium Coking	01/04/2018	13,914	11,709	1,879	27,502
	01/04/2019	14,876	11,245	1,863	27,984
	01/04/2020	14,876	11,245	1,863	27,984
Blendable / Semi Coking	01/04/2018	519	995	193	1,708
	01/04/2019	519	995	193	1,708
	01/04/2020	519	995	193	1,708
Non-Coking (Including High Sulphur)	01/04/2018	129,705	125,796	28,996	284,498
	01/04/2019	135,552	127,615	28,325	291,492
	01/04/2020	143,398	137,507	28,112	309,017
Total	01/04/2018 *	148,787	139,164	31,069	319,020
Total	01/04/2019 *	155,614	140,501	30,381	326,496
Total	01/04/2020 *	163,461	150,392	30,168	344,021

**Distribution of Proved Reserve of Coal in India
as on 01/04/2020**



Source: Geological Survey of India

Note: 1. * denotes inclusion of Sikkim.

2. The updated data for 2020-21 has not been received from GSI. The data shall be updated in the Annual Coal Directory.

Table 1.8: State Wise Inventory of Geological Resources & Exploration of Coal as on 1st April 2018, 2019 & 2020

(Quantity in Million Tonnes)

State	As on	Resources & Exploration				State	As on	Resources & Exploration			
		Proved	Indicated	Inferred	Total			Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)	(1)	(2)	(3)	(4)	(5)	(6)
GONDAWANA COAL FIELDS						TERTIARY COAL FIELDS					
Assam	1/4/2018	0	14	0	14	Arunachal Pradesh	1/4/2018	31	40	19	90
	1/4/2019	0	14	0	14		1/4/2019	31	40	19	90
	1/4/2020	0	14	0	14		1/4/2020	31	40	19	90
Andhra Pradesh	1/4/2018	0	1,149	432	1,581	Assam	1/4/2018	465	43	3	511
	1/4/2019	97	1,078	432	1,607		1/4/2019	465	43	3	511
	1/4/2020	97	1,078	432	1,607		1/4/2020	465	43	3	511
Jharkhand	1/4/2018	45,563	31,439	6,150	83,152	Meghalaya	1/4/2018	89	17	471	576
	1/4/2019	48,032	30,400	6,074	84,506		1/4/2019	89	17	471	576
	1/4/2020	49,469	30,284	5,850	85,602		1/4/2020	89	17	471	576
Bihar	1/4/2018	161	813	392	1,367	Nagaland	1/4/2018	9	0	401	410
	1/4/2019	310	1,513	11	1,834		1/4/2019	9	22	415	446
	1/4/2020	310	2,431	11	2,751		1/4/2020	9	22	415	446
Madhya Pradesh	1/4/2018	11,958	12,154	3,875	27,987	Tertiary	1/4/2018	594	99	895	1,588
	1/4/2019	12,182	12,736	3,875	28,793		1/4/2019	594	121	908	1,623
	1/4/2020	12,597	12,888	3,799	29,285		1/4/2020	594	121	908	1,623
Chhattisgarh	1/4/2018	20,428	34,576	2,202	57,206	India	1/4/2018	148,787	139,164	31,069	319,020
	1/4/2019	21,446	36,260	2,202	59,908		1/4/2019	155,614	140,501	30,380	326,495
	1/4/2020	24,985	42,368	2,079	69,432		1/4/2020	163,461	150,392	30,168	344,021
Maharashtra	1/4/2018	7,178	3,074	2,048	12,299						
	1/4/2019	7,573	3,257	1,847	12,677						
	1/4/2020	7,624	3,257	1,847	12,728						
Odisha	1/4/2018	37,391	34,165	7,739	79,295						
	1/4/2019	39,654	33,473	7,713	80,840						
	1/4/2020	40,872	36,067	7,713	84,652						
Sikkim	1/4/2018	0	58	43	101						
	1/4/2019	0	58	43	101						
	1/4/2020	0	58	43	101						
Uttar Pradesh	1/4/2018	884	178	0	1,062						
	1/4/2019	884	178	0	1,062						
	1/4/2020	884	178	0	1,062						
Telangana	1/4/2018	10,475	8,576	2,651	21,702						
	1/4/2019	10,622	8,565	2,652	21,839						
	1/4/2020	10,841	8,521	2,863	22,225						
West Bengal	1/4/2018	14,156	12,869	4,643	31,667						
	1/4/2019	14,219	12,847	4,624	31,690						
	1/4/2020	15,189	13,125	4,623	32,937						
Gondawana	1/4/2018	148,194	139,065	30,174	317,433						
	1/4/2019	155,021	140,379	29,472	324,872						
	1/4/2020	162,867	150,271	29,259	342,397						

Source: Geological Survey of India

Note: 1. Data may not add up to respective total due to rounding off.

2. The updated data for 2020-21 has not been received from GSI. The data shall be updated in the Annual Coal Directory 2020-2021.

3: Singrimari coalfield of Assam (Non-Coking) is included in Gondawana coalfield.

**Table 1.9: State Wise Inventory of Geological Resources & Exploration of Lignite
as on 1st April 2018, 2019 & 2020**
(Quantity in Million Tonnes)

State	As on	Resources			
		Proved	Indicated	Inferred	Total
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	01/04/2018	1,279	284	1,160	2,722
	01/04/2019	1,279	284	1,160	2,722
	01/04/2020	1,279	284	1,160	2,722
J & K	01/04/2018	-	20	7	28
	01/04/2019	-	20	7	28
	01/04/2020	-	20	7	28
Kerala	01/04/2018	-	-	10	10
	01/04/2019	-	-	10	10
	01/04/2020	-	-	10	10
Pondicherry	01/04/2018	-	406	11	417
	01/04/2019	-	406	11	417
	01/04/2020	-	406	11	417
Rajasthan	01/04/2018	1,169	3,030	2,151	6,349
	01/04/2019	1,169	3,030	2,151	6,349
	01/04/2020	1,169	3,030	2,151	6,349
Tamilnadu	01/04/2018	4,094	22,648	9,393	36,135
	01/04/2019	4,340	22,497	9,393	36,230
	01/04/2020	4,340	22,497	9,653	36,490
West Bengal	01/04/2018	-	1	3	4
	01/04/2019	-	1	3	4
	01/04/2020	-	1	3	4
All India	01/04/2018	6,541	26,389	12,734	45,664
	01/04/2019	6,788	26,237	12,734	45,759
	01/04/2020	6,788	26,237	12,994	46,019

Source: Geological Survey of India

Note: The updated data for 2020-21 has not been received from GSI. The data shall be updated in the Annual Coal Directory 2020-2021.



Production & Productivity

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

(Quantity in Million Tonnes)

Year	Raw Coal		Lignite		Total Solid Fossil Fuel	
	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2011-12	539.950	1.36	42.332	12.19	582.282	2.08
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	-0.004
2020-21	716.084	-2.02	36.614	-13.02	752.698	-2.62

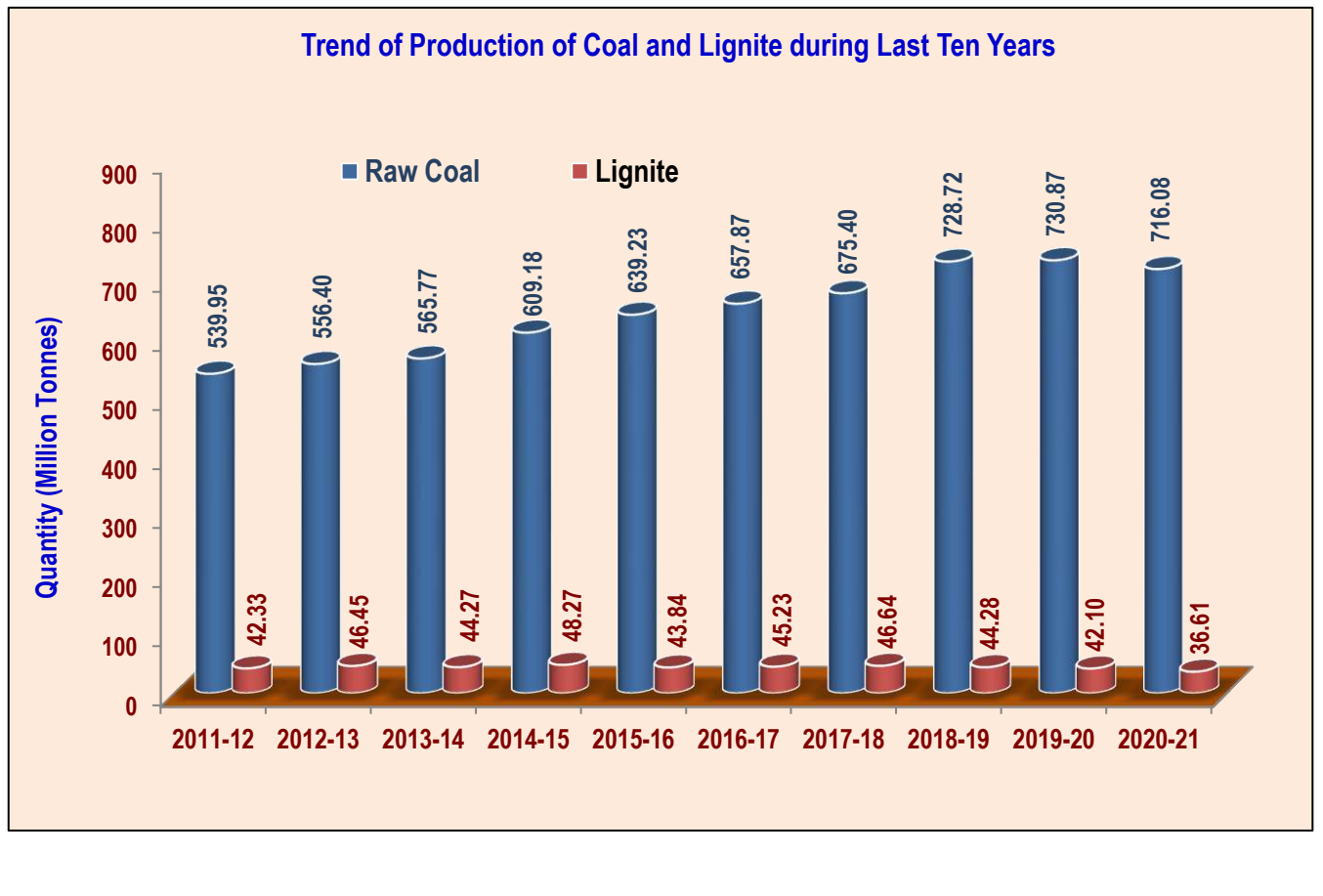


Table 2.2: Trend of Production of Coal by Type during Last Ten Years
(Quantity in Million Tonnes)

Year	Metallurgical Coal		Coking Coal		Non-Coking Coal		Raw Coal	
	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2011-12	16.239	-8.23	51.660	4.26	488.290	1.06	539.950	1.36
2012-13	14.547	-10.42	51.582	-0.15	504.820	3.39	556.402	3.05
2013-14	15.114	3.90	56.818	10.15	508.947	0.82	565.765	1.68
2014-15	13.784	-8.80	57.446	1.11	551.733	8.41	609.179	7.67
2015-16	14.339	4.03	60.887	5.99	578.343	4.82	639.230	4.93
2016-17	15.254	6.38	61.661	1.27	596.207	3.09	657.868	2.92
2017-18	33.884	122.13	40.148	-34.89	635.252	6.55	675.400	2.66
2018-19	35.084	3.54	41.132	2.45	687.586	8.24	728.718	7.89
2019-20	35.451	1.05	52.936	28.70	677.938	-1.40	730.874	0.30
2020-21	32.276	-8.96	44.787	-15.39	671.297	-0.98	716.084	-2.02

Note: 1. Growth is calculated as percentage of increase or decrease (-) over last year.

2. The huge growth (122.13%) 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.

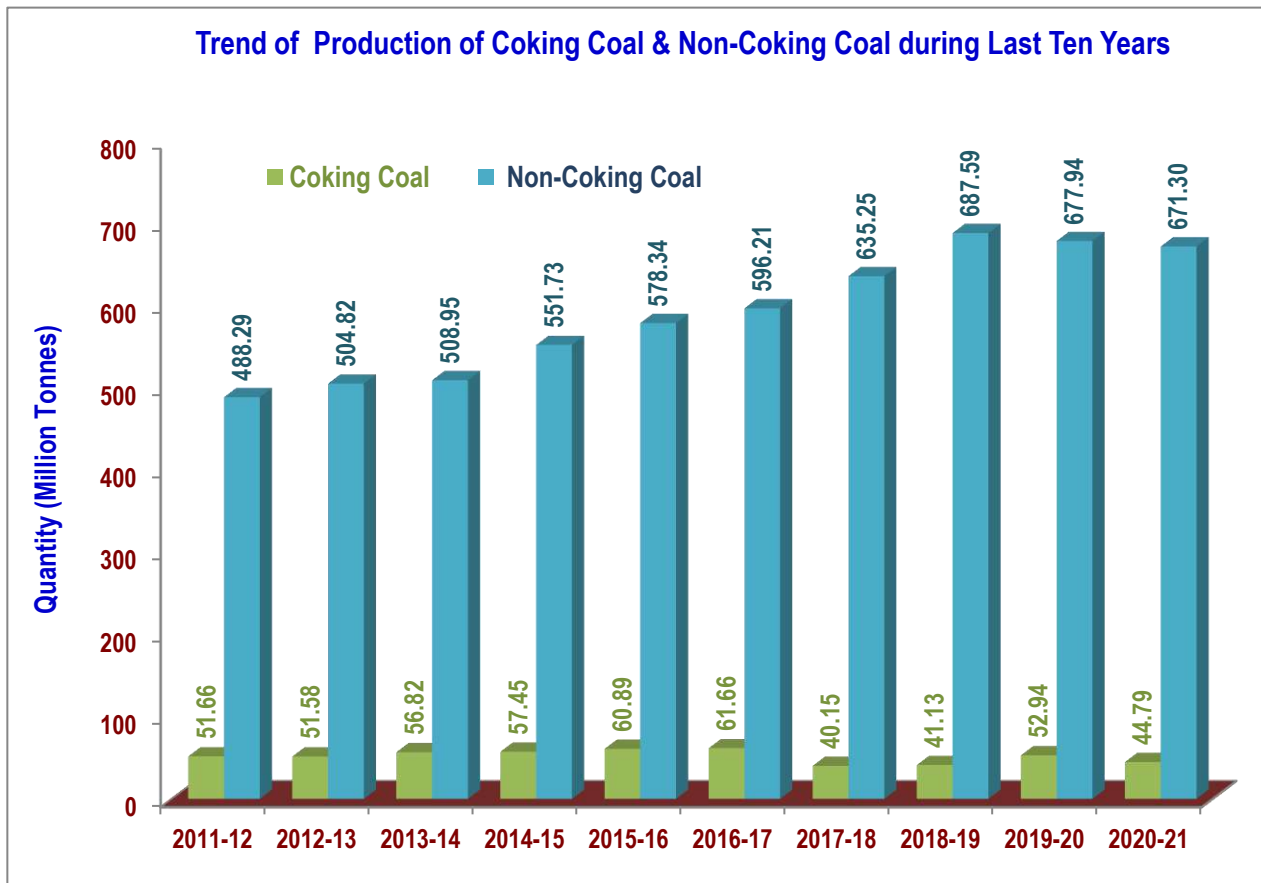


Table 2.3: Trend of Production of Coal Products by Type during Last Ten Years

(Quantity in Million Tonnes)

Year	Washed Coal (Coking)		Washed Coal (Non-Coking)		Middlings (Coking)		Middlings (Non-Coking)		Hard Coke	
	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)	Production	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2011-12	6.496	-6.60	15.437	6.23	3.674	-20.87	3.669	2.23	14.330	11.26
2012-13	6.550	0.83	14.190	-8.08	5.464	48.72	3.825	4.25	11.694	-18.39
2013-14	6.614	0.98	15.699	10.63	4.913	-10.08	3.926	2.64	12.606	7.80
2014-15	6.070	-8.22	17.294	10.16	4.750	-3.32	3.742	-4.69	14.29	13.36
2015-16	6.182	1.85	17.119	-1.01	5.525	16.32	0.000	-	14.368	0.55
2016-17	6.414	3.75	20.274	18.43	4.598	-16.78	0.000	-	13.779	-4.10
2017-18	5.753	-10.31	13.999	-30.95	3.670	-20.18	0.000	-	13.869	0.65
2018-19	5.570	-3.18	19.363	38.32	3.502	-4.58	0.000	-	14.182	2.26
2019-20	5.285	-5.12	18.903	-2.38	3.547	1.28	0.000	-	14.844	4.67
2020-21	4.890	-7.47	18.432	-2.49	3.783	6.65	0.006	-	14.341	-3.39

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. There are other private sector companies, specially in small scale, for which the data is not readily available.

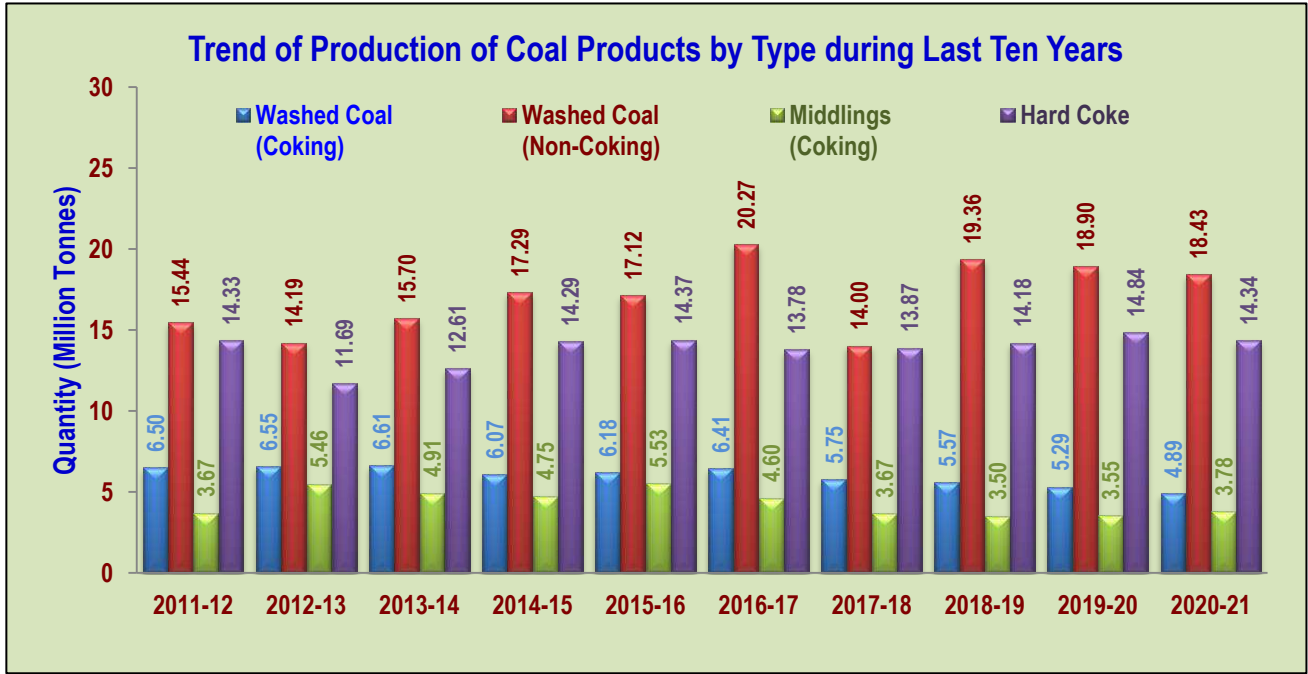


Table 2.4: Monthly Production of Different Type of Raw Coal and Lignite in 2020-21
(Quantity in Million Tonnes)

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-20	2.942	-21.13	6.57	44.155	-14.58	6.58	47.097	-15.02	6.58	2.352	-12.63	6.42
May-20	2.871	-24.21	6.41	47.023	-12.79	7.00	49.894	-13.54	6.97	3.264	-8.13	8.92
Jun-20	2.995	-30.22	6.69	44.412	-13.71	6.62	47.407	-14.98	6.62	3.014	-13.56	8.23
1st Quarter	8.808	-25.42	19.67	135.590	-13.68	20.20	144.398	-14.50	20.16	8.630	-11.32	23.57
Jul-20	2.963	-19.92	6.62	42.562	-4.15	6.34	45.525	-5.36	6.36	2.315	-21.42	6.32
Aug-20	3.111	-15.12	6.95	41.588	6.48	6.20	44.699	4.63	6.24	2.122	-27.85	5.80
Sep-20	3.554	5.93	7.94	44.240	22.37	6.59	47.794	20.97	6.67	2.367	-17.09	6.46
2nd Quarter	9.628	-10.19	21.50	128.390	7.34	19.13	138.018	5.89	19.27	6.804	-22.17	18.58
Oct-20	3.719	9.45	8.30	52.063	12.12	7.76	55.782	11.93	7.79	2.471	-21.13	6.75
Nov-20	4.184	-5.17	9.34	58.449	2.38	8.71	62.633	1.84	8.75	2.862	-10.81	7.82
Dec-20	4.549	-5.05	10.16	66.460	1.75	9.90	71.009	1.29	9.92	3.215	-19.18	8.78
3rd Quarter	12.452	-1.18	27.80	176.972	4.81	26.36	189.424	4.40	26.45	8.548	-17.17	23.35
Jan-21	4.055	-22.02	9.05	69.554	-0.65	10.36	73.609	-2.12	10.28	3.670	-17.69	10.02
Feb-21	4.031	-28.35	9.00	70.611	-2.66	10.52	74.642	-4.51	10.42	3.756	-20.03	10.26
Mar-21	5.813	-16.71	12.98	90.180	0.36	13.43	95.993	-0.87	13.41	5.206	25.57	14.22
4th Quarter	13.899	-21.94	31.03	230.345	-0.89	34.31	244.244	-2.38	34.11	12.632	-5.04	34.50
2020-21	44.787	-15.39	100.00	671.297	-0.98	100.00	716.084	-2.02	100.00	36.614	-13.02	100.00

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

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

Table 2.5: Monthly Production of Different Type of Coal Products in 2020-21
(Quantity in Million Tonnes)

Month	Washed Coal (Coking)			Washed Coal (N-Coking)			Middlings (Coking)			Middlings (N-Coking)			Hard Coke		
	Production	Growth (%)	Share (%)	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)	(14)	(15)	(16)
Apr-20	0.371	-26.24	7.59	0.463	-61.45	2.51	0.259	-25.14	6.85	0.000	N.A.	0.00	0.918	-27.55	6.40
May-20	0.410	-19.77	8.38	1.050	-27.29	5.70	0.286	-28.32	7.56	0.002	N.A.	33.33	0.939	-28.10	6.55
Jun-20	0.374	-26.67	7.65	0.932	-41.64	5.06	0.301	-19.30	7.96	0.001	N.A.	16.67	0.969	-22.97	6.76
1st Quarter	1.155	-24.21	23.62	2.445	-42.36	13.26	0.846	-24.33	22.36	0.003	N.A.	50.00	2.826	-26.23	19.71
Jul-20	0.365	-18.34	7.46	1.766	35.33	9.58	0.285	-21.49	7.53	0.002	N.A.	33.33	1.134	-13.17	7.91
Aug-20	0.375	-18.66	7.67	1.514	27.44	8.21	0.261	-16.61	6.90	0.001	N.A.	16.67	1.233	-5.08	8.60
Sep-20	0.399	0.00	8.16	1.482	30.46	8.04	0.302	37.27	7.98	0.000	N.A.	0.00	1.237	1.56	8.63
2nd Quarter	1.139	-12.85	23.29	4.762	31.22	25.84	0.848	-5.36	22.42	0.003	N.A.	50.00	3.604	-5.73	25.13
Oct-20	0.408	5.43	8.34	1.583	-6.99	8.59	0.327	46.64	8.64	0.000	N.A.	0.00	1.314	7.44	9.16
Nov-20	0.458	14.21	9.37	1.679	1.88	9.11	0.380	57.02	10.04	0.000	N.A.	0.00	1.284	3.97	8.95
Dec-20	0.482	19.90	9.86	1.999	8.82	10.85	0.423	65.88	11.18	0.000	N.A.	0.00	1.345	18.40	9.38
3rd Quarter	1.348	13.28	27.57	5.261	1.43	28.54	1.130	56.94	29.87	0.000	N.A.	0.00	3.943	9.71	27.49
Jan-21	0.441	-0.90	9.02	1.948	3.01	10.57	0.349	18.31	9.23	0.000	N.A.	0.00	1.356	10.42	9.46
Feb-21	0.397	-6.15	8.12	1.985	-4.11	10.77	0.288	1.77	7.61	0.000	N.A.	0.00	1.242	12.50	8.66
Mar-21	0.410	3.54	8.38	2.031	7.80	11.02	0.322	37.02	8.51	0.000	N.A.	0.00	1.370	8.39	9.55
4th Quarter	1.248	-1.27	25.52	5.964	2.04	32.36	0.959	17.96	25.35	0.000	N.A.	0.00	3.968	10.34	27.67
2020-21	4.890	-7.47	100.00	18.432	-2.49	100.00	3.783	6.65	100.00	0.006	N.A.	100.00	14.341	-3.39	100.00

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

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

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

4. Private washeries (only washeries, having no coal blocks) are not included here.

5. Hard Coke data is related to steel plants only.

Table 2.6: Share of Raw Coal Production by States in Last Ten Years
(Quantity in Million Tonnes)

Year	Arunachal Pradesh			Assam			Chhattisgarh		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	0.221	1.05	-26.09	0.602	0.11	-45.32	113.958	21.11	0.12
2012-13	0.073	0.34	-66.97	0.605	0.11	0.50	117.830	21.18	3.40
2013-14				0.664	0.12	9.75	127.095	22.46	7.86
2014-15				0.779	0.13	17.32	134.764	22.12	6.03
2015-16				0.487	0.08	-37.48	130.605	20.43	-3.09
2016-17				0.600	0.09	23.20	138.525	21.06	6.06
2017-18				0.781	0.12	30.17	142.546	21.11	2.90
2018-19				0.784	0.11	0.38	161.893	22.22	13.57
2019-20				0.517	0.07	-34.06	157.745	21.58	-2.56
2020-21				0.036	0.01	-93.04	158.409	22.12	0.42
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)
2011-12	0.020	0.00	-13.04	109.566	20.29	0.57	71.123	13.17	0.03
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	0.012	0.00	-14.29	119.296	16.66	-9.46	132.531	18.51	5.41
Year	Maharashtra			Meghalaya			Odisha		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2011-12	39.159	7.25	-0.45	7.206	1.33	3.22	105.476	19.53	2.84
2012-13	39.134	7.03	-0.06	5.640	1.01	-27.77	110.132	19.79	4.41
2013-14	37.223	6.58	-4.88	5.732	1.01	1.61	112.917	19.96	2.53
2014-15	38.257	6.28	2.78	2.524	0.41	-127.10	123.627	20.29	9.48
2015-16	38.351	6.00	0.25	3.712	0.58	32.00	138.461	21.66	12.00
2016-17	40.559	6.17	5.76	2.308	0.35	-60.83	139.359	21.18	0.65
2017-18	42.219	6.25	4.09	1.529	0.23	-50.95	143.328	21.22	2.85
2018-19	49.818	6.84	18.00	0.000			144.312	19.80	0.69
2019-20	54.746	7.49	9.89	0.000			143.016	19.57	-0.90
2020-21	47.435	6.62	-13.35	0.000			154.150	21.53	7.79

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Table - 2.6 : Share of Raw Coal Production by States in Last Ten Years

(Quantity in Million Tonnes)

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)
2011-12	52.211	9.67	1.71	16.178	3.00	4.20	24.230	4.49	11.87
2012-13	53.190	9.56	1.88	16.090	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	29.970	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	34.596	4.83	2.92

Year	All India	
	Quantity	Growth (%)
(41)	(42)	(43)
2011-12	539.950	1.36
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	716.084	-2.02

Percentage Share of Raw Coal Production by States in 2020-21

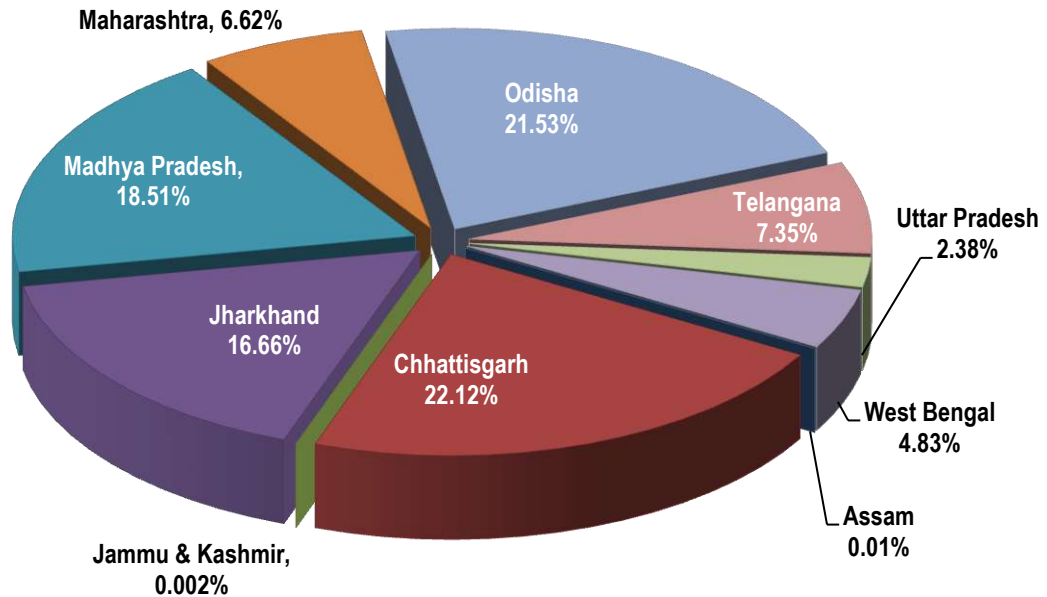


Table 2.7: Share of Lignite Production by States in Last Ten Years

(Quantity in Million Tonnes)

Year	Tamil Nadu			Gujarat			Rajasthan		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	24.590	58.09	6.25	14.779	34.91	13.13	2.963	7.00	94.30
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	24.31	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	49.23	-23.35	9.533	26.04	-7.96	9.056	24.73	10.12

Year	All India	
	Quantity	Growth (%)
(11)	(12)	(13)
2011-12	42.332	12.19
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	36.614	-13.02

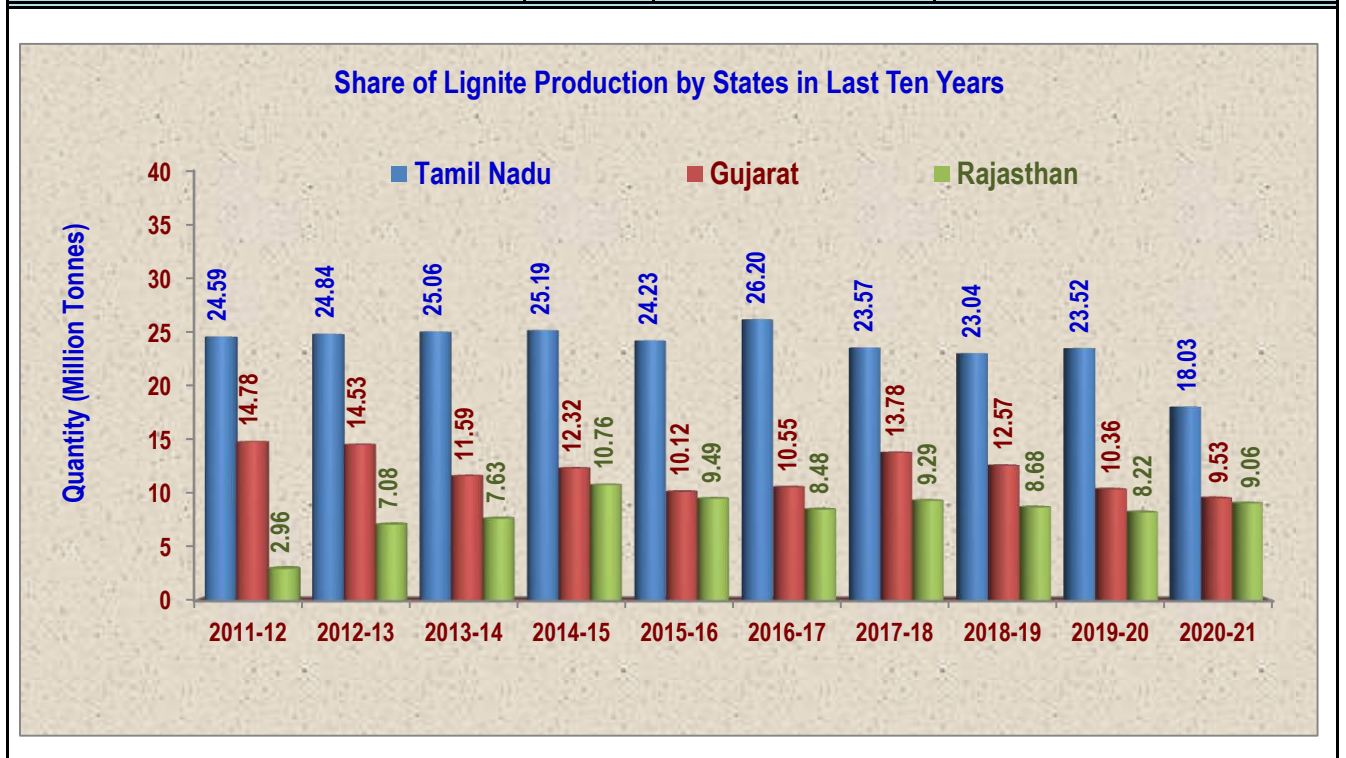


Table 2.8: State Wise Production of Raw Coal by Type in Last Five Years
(Quantity in Million Tonnes)

State	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)
Coking					
Chhattisgarh	0.110	0.182	0.247	0.250	0.219
Jharkhand	59.604	38.768	39.641	52.364	44.387
Madhya Pradesh	0.131	0.180	0.188	0.178	0.181
West Bengal	1.816	1.018	1.056	0.144	0.000
Total Coking	61.661	40.148	41.132	52.936	44.787
Non-Coking					
Assam	0.600	0.781	0.784	0.517	0.036
Chhattisgarh	138.415	142.364	161.646	157.495	158.190
Jammu & Kashmir	0.010	0.014	0.013	0.014	0.012
Jharkhand	66.831	84.529	95.025	79.399	74.909
Madhya Pradesh	104.882	111.947	118.473	125.548	132.350
Maharashtra	40.559	42.219	49.818	54.746	47.435
Meghalaya	2.308	1.529	0.000	0.000	0.000
Odisha	139.359	143.328	144.312	143.016	154.150
Telangana	61.336	62.010	65.160	65.703	52.603
Uttar Pradesh	16.056	18.309	20.275	18.030	17.016
West Bengal	25.851	28.222	32.080	33.470	34.596
Total Non-Coking	596.207	635.252	687.586	677.938	671.297
Total Coal	657.868	675.400	728.718	730.874	716.084

Table 2.9: State Wise Production of Lignite in Last Five Years
(Quantity in Million Tonnes)

State	2016-17	2017-18	2018-19	2019-20	2020-21
(1)	(2)	(3)	(4)	(5)	(6)
Gujarat	10.546	13.781	12.566	10.357	9.533
Rajasthan	8.480	9.294	8.676	8.223	9.056
Tamilnadu	26.204	23.569	23.041	23.516	18.026
Total Lignite	45.230	46.644	44.283	42.096	36.614

Table 2.10: Trend of Company Wise Production of Coal & Lignite during Last Three Years
(Quantity in Million Tonnes)

Company	2018-19			2019-20			2020-21		
	Coking	Non-Coking	Total	Coking	Non-Coking	Total	Coking	Non-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Coal									
ECL	0.029	50.131	50.160	0.026	50.375	50.401	0.015	44.989	45.004
BCCL	24.339	6.700	31.039	25.945	1.784	27.729	23.384	1.272	24.656
CCL	9.340	59.381	68.721	20.027	46.862	66.889	15.043	47.546	62.589
NCL		101.503	101.503		108.053	108.053		115.042	115.042
WCL	0.188	52.992	53.180	0.178	57.458	57.636	0.181	50.094	50.275
SECL	0.247	152.150	152.397	0.250	146.875	147.125	0.219	147.184	147.403
SECL(GP-IV/2&3)		3.271	3.271		2.659	2.659		3.202	3.202
SECL(GP-IV/1)		1.681	1.681		0.762	0.762			0.000
MCL		144.151	144.151		140.358	140.358		148.012	148.012
NEC		0.784	0.784		0.517	0.517		0.036	0.036
CIL	34.143	572.744	606.887	46.426	555.703	602.129	38.842	557.377	596.219
SCCL		64.401	64.401		64.044	64.044		50.580	50.580
JKML		0.013	0.013		0.014	0.014		0.012	0.012
DVC			0.000	0.000	0.000	0.000			0.000
IISCO	0.443	0.300	0.743	0.300	0.234	0.534	0.092	0.099	0.191
SAIL		0.000	0.000		0.000	0.000			0.000
JSMDCL		0.228	0.228		0.068	0.068		0.079	0.079
RRVUNL		15.000	15.000		15.000	15.000		15.000	15.000
NTPC		7.311	7.311		11.151	11.151		11.006	11.006
WBPDCCL		0.400	0.400		2.112	2.112		6.258	6.258
CSPGCL			0.000		0.510	0.510		1.502	1.502
TSPGCL		0.759	0.759		1.659	1.659		2.023	2.023
OCPL			0.000		1.003	1.003		2.001	2.001
DPL								0.067	0.067
NLCIL								1.013	1.013
Total Public	34.586	661.156	695.742	46.726	651.498	698.224	38.934	647.017	685.951
TSL	6.546	0.000	6.546	6.210	0.000	6.210	5.853		5.853
Meghalaya		0.000	0.000		0.000	0.000			0.000
BALCO		0.667	0.667		1.000	1.000		0.002	0.002
CESC		1.856	1.856		1.958	1.958		2.079	2.079
GMR		0.000	0.000		0.000	0.000			0.000
HIL		2.173	2.173		0.729	0.729		0.308	0.308
JPVL		2.800	2.800		2.800	2.800		2.800	2.800
SIL		0.270	0.270		0.270	0.270		0.068	0.068
SPL		18.000	18.000		18.700	18.700		18.570	18.570
RCCPL		0.103	0.103		0.182	0.182		0.172	0.172
TUML		0.300	0.300		0.286	0.286		0.112	0.112
OCL		0.161	0.161		0.115	0.115			0.000
AMBUJA		0.100	0.100		0.400	0.400		0.169	0.169
Total Private	6.546	26.430	32.976	6.210	26.440	32.650	5.853	24.280	30.133
All India	41.132	687.586	728.718	52.936	677.938	730.874	44.787	671.297	716.084
Lignite									
NLC			24.250			24.864			19.262
GMDCL			9.160			6.957			6.004
GIPCL			3.313			3.342			3.508
RSMML			1.317			0.790			0.830
GHCL			0.093			0.058			0.021
VSLPPL			0.305			0.672			0.971
BLMCL			5.845			5.413			6.018
All India			44.283			42.096			36.614
Coal & Lignite			773.001			772.970			752.698

Table 2.11: State Wise and Company Wise Production of Raw Coal by Type in Last Three Years
(Quantity in Million Tonnes)

States	Coal Company	2018-2019			2019-2020			2020-2021		
		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		0.784	0.784		0.517	0.517		0.036	0.036
Chhattisgarh	SECL	0.247	139.552	139.799	0.250	136.300	136.550	0.219	137.241	137.460
Chhattisgarh	SECL(GP-IV/2&3)		3.271	3.271		2.659	2.659		3.202	3.202
Chhattisgarh	SECL(GP-IV/1)		1.681	1.681		0.762	0.762			0.000
Chhattisgarh	RRVUNL		15.000	15.000		15.000	15.000		15.000	15.000
Chhattisgarh	HIL (GP-IV/4)		0.838	0.838		0.548	0.548		0.262	0.262
Chhattisgarh	HIL (GP-IV/5)		0.537	0.537		0.126	0.126			0.000
Chhattisgarh	CSPGCL		0.537	0.537		0.510	0.510		1.502	1.502
Chhattisgarh	NTPC_TP		0.537	0.537		0.190	0.190		0.812	0.812
Chhattisgarh	AMBUJA		0.100	0.100		0.400	0.400		0.169	0.169
Chhattisgarh	BALCO		0.667	0.667		1.000	1.000		0.002	0.002
Chhattisgarh	Total	0.247	162.720	162.967	0.250	157.495	157.745	0.219	158.190	158.409
Jammu & Kashmir	JKML		0.013	0.013		0.014	0.014		0.012	0.012
Jharkhand	ECL	0.029	20.736	20.765	0.026	21.209	21.235	0.015	18.900	18.915
Jharkhand	BCCL	23.283	6.568	29.851	25.801	1.784	27.585	23.384	1.268	24.652
Jharkhand	CCL	9.340	59.381	68.721	20.027	46.862	66.889	15.043	47.546	62.589
Jharkhand	JSMDCL		0.228	0.228		0.068	0.068		0.079	0.079
Jharkhand	DVC	0.000		0.000	0.000		0.000			0.000
Jharkhand	IISCOCJ	0.443	0.003	0.446	0.300	0.000	0.300	0.092		0.092
Jharkhand	SAIL	0.000		0.000	0.000		0.000			0.000
Jharkhand	NTPC		7.311	7.311		9.421	9.421		7.070	7.070
Jharkhand	TSL	6.546		6.546	6.210		6.210	5.853		5.853
Jharkhand	HIL_KOC		0.798	0.798		0.055	0.055		0.046	0.046
Jharkhand	Total	39.641	95.025	134.666	52.364	79.399	131.763	44.387	74.909	119.296
Madhya Pradesh	NCL		81.228	81.228		90.023	90.023		98.026	98.026
Madhya Pradesh	WCL	0.188	3.744	3.932	0.178	3.268	3.446	0.181	2.839	3.020
Madhya Pradesh	SECL		12.598	12.598		10.575	10.575		9.943	9.943
Madhya Pradesh	SPL		18.000	18.000		18.700	18.700		18.570	18.570
Madhya Pradesh	JPVL		2.800	2.800		2.800	2.800		2.800	2.800
Madhya Pradesh	RCCPL		0.103	0.103		0.182	0.182		0.172	0.172
Madhya Pradesh	Total	0.188	118.473	118.661	0.178	125.548	125.726	0.181	132.350	132.531
Maharashtra	WCL		49.248	49.248		54.190	54.190		47.255	47.255
Maharashtra	SIL		0.270	0.270		0.270	0.270		0.068	0.068
Maharashtra	TUML		0.300	0.300		0.286	0.286		0.112	0.112
Maharashtra	Total		49.818	49.818		54.746	54.746	0.000	47.435	47.435
Odisha	MCL		144.151	144.151		140.358	140.358		148.012	148.012
Odisha	OCPL			0.000		1.003	1.003		2.001	2.001
Odisha	NLCIL								1.013	1.013
Odisha	GMR		0.000	0.000		0.000	0.000			0.000
Odisha	NTPC		0.000	0.000		1.540	1.540		3.124	3.124
Odisha	OCL		0.161	0.161		0.115	0.115			0.000
Odisha	Total		144.312	144.312		143.016	143.016	0.000	154.150	154.150
Telangana	SCCL		64.401	64.401		64.044	64.044		50.580	50.580
Telangana	TSPGCL		0.759	0.759		1.659	1.659		2.023	2.023
Telangana	Total		65.160	65.160		65.703	65.703	0.000	52.603	52.603
Uttar Pradesh	NCL		20.275	20.275		18.030	18.030	0.000	17.016	17.016
West Bengal	ECL		29.395	29.395		29.166	29.166		26.089	26.089
West Bengal	BCCL	1.056	0.132	1.188	0.144	0.000	0.144		0.004	0.004
West Bengal	WBPDCCL		0.400	0.400		2.112	2.112		6.258	6.258
West Bengal	IISCOR		0.297	0.297		0.234	0.234		0.099	0.099
West Bengal	DPL								0.067	0.067
West Bengal	CESC		1.856	1.856		1.958	1.958		2.079	2.079
West Bengal	Total	1.056	32.080	33.136	0.144	33.470	33.614	0.000	34.596	34.596
Total Public		34.586	662.230	696.816	46.726	651.498	698.224	38.934	647.017	685.951
Total Private		6.546	26.430	32.976	6.210	26.440	32.650	5.853	24.280	30.133
All India		41.132	688.660	729.792	52.936	677.938	730.874	44.787	671.297	716.084

Table 2.12: Captive Block Wise Production of Raw Coal during Last Three Years

(Quantity in Million Tonnes)

Block	Company	State	2018-19			2019-20			2020-21		
			Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gare Palma IV/2 & 3	SECL	Chhattisgarh		3.271	3.271		2.659	2.659		3.202	3.202
Gare Palma IV/1	SECL	Chhattisgarh		1.681	1.681		0.762	0.762			0.000
Parsa East & Kanta Basan	RRVUNL	Chhattisgarh		15.000	15.000		15.000	15.000		15.000	15.000
Pakri Barwadih	NTPC	Jharkhand		6.810	6.810		9.421	9.421		7.070	7.070
Dulanga	NTPC	Odisha		0.501	0.501		1.540	1.540		3.124	3.124
Tallipalli	NTPC	Chhattisgarh			0.000		0.190	0.190		0.812	0.812
Talabira II & III	NLCL	Odisha			0.000			0.000		1.013	1.013
Tasra	SAIL	Jharkhand			0.000			0.000			0.000
Barjora	WBPDCCL	West Bengal		0.400	0.400		0.500	0.500		0.310	0.310
Barjora North	WBPDCCL	West Bengal			0.000		0.606	0.606		0.815	0.815
Pachhara North	WBPDCCL	West Bengal			0.000		1.006	1.006		4.133	4.133
Gangaramchak Bhadulia	WBPDCCL	West Bengal			0.000			0.000		1.000	1.000
Trans Damodar	DPL	West Bengal			0.000			0.000		0.067	0.067
GP/S-III	CSPGCL	Chhattisgarh			0.000		0.510	0.510		1.502	1.502
Tadicherla	TSPGCL	Telangana		0.759	0.759		1.659	1.659		2.023	2.023
Manoharpur	OCPL	Odisha			0.000		1.003	1.003		2.001	2.001
Total Public			0.000	28.422	28.422	0.000	34.856	34.856	0.000	42.072	42.072
Gare Palma IV/4	HIL	Chhattisgarh		0.838	0.838		0.548	0.548		0.262	0.262
Gare Palma IV/5	HIL	Chhattisgarh		0.537	0.537		0.126	0.126			0.000
Kauthia	HIL	Jharkhand		0.798	0.798		0.055	0.055		0.046	0.046
Amelia North	JPVL	Madhya Pradesh		2.800	2.800		2.800	2.800		2.800	2.800
Belgaon	SIL	Maharashtra		0.270	0.270		0.270	0.270		0.068	0.068
Chotia II	BALCO	Chhattisgarh		0.667	0.667		1.000	1.000		0.002	0.002
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		18.000	18.000		18.700	18.700		18.570	18.570
Sarshatali	CESC	West Bengal		1.856	1.856		1.958	1.958		2.079	2.079
Talabira I	GMR	Odisha		0.000	0.000		0.000	0.000			0.000
Sial Ghogri	RCCPL	Madhya Pradesh		0.103	0.103		0.182	0.182		0.172	0.172
Marki Mangli I	TUML	Maharashtra		0.300	0.300		0.286	0.286		0.112	0.112
Ardhagram	OCL	Odisha		0.161	0.161		0.115	0.115			0.000
Gare Palma IV/8	AMBUJA	Chhattisgarh		0.100	0.100		0.400	0.400		0.169	0.169
Total Private			0.000	26.430	26.430	0.000	26.440	26.440	0.000	24.280	24.280
Grand Total			0.000	54.852	54.852	0.000	61.296	61.296	0.000	66.352	66.352

Table 2.13: Grade Wise Production of Coking Coal by Companies in 2020-21
(Quantity in Million Tonnes)

Companies	Production of Coking Coal												
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	Wash-VI	Met Coal	Non Met	Total Coking	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
ECL	0.015										0.015	0.015	
BCCL	0.000	0.008	0.202	1.411	1.086	13.798	6.487	0.391	23.384		0.000	23.384	
CCL					0.304	0.330	8.057	6.311	0.041	2.947	12.096	15.043	
NCL											0.000	0.000	
WCL	0.181										0.181	0.181	
SECL	0.219											0.219	0.219
SECL(GP-IV/2&3)											0.000	0.000	
SECL(GP-IV/1)											0.000	0.000	
MCL											0.000	0.000	
NEC											0.000	0.000	
CIL	0.000	0.008	0.421	1.411	1.390	14.143	14.725	6.702	0.041	26.331	12.511	38.842	
SCCL											0.000	0.000	
JKML											0.000	0.000	
JSMDC											0.000	0.000	
DVC											0.000	0.000	
IISCO					0.043	0.049				0.092	0.000	0.092	
SAIL											0.000	0.000	
RRVUNL											0.000	0.000	
NTPC											0.000	0.000	
WBPDC											0.000	0.000	
CSPGCL											0.000	0.000	
TSPGCL											0.000	0.000	
OCPL											0.000	0.000	
NLCIL											0.000	0.000	
DPL											0.000	0.000	
Total Public	0.000	0.008	0.421	1.411	1.390	14.186	14.774	6.702	0.041	26.423	12.511	38.934	
TSL					0.649	0.389	4.814				5.853	0.000	5.853
BALCO											0.000	0.000	
CESC											0.000	0.000	
GMR											0.000	0.000	
HIL											0.000	0.000	
JPVL											0.000	0.000	
SIL											0.000	0.000	
SPL											0.000	0.000	
RCCPL											0.000	0.000	
TUML											0.000	0.000	
AMBUJA											0.000	0.000	
Total Private	0.000	0.000	0.000	0.000	0.649	0.389	4.814	0.000	0.000	5.853	0.000	5.853	
All India	0.000	0.008	0.421	1.411	2.039	14.575	19.588	6.702	0.041	32.276	12.511	44.787	

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Table 2.14: Grade Wise Production of Non-Coking Coal by Companies in 2020-21

(Quantity in Million Tonnes)

Companies	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	UNG			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	
ECL			1.041	14.221	6.693	1.242	4.042	2.034		0.143			15.573							44.989	45.004
BCCL					0.185	0.004	0.269	0.812	0.000	0.002										1.272	24.656
CCL					0.000	0.599	1.286	3.889	7.289	6.493	11.939	9.716	6.335							47.546	62.589
NCL							23.542	27.507	1.231	29.611	22.306	7.007	3.838							115.042	115.042
WCL					0.128	0.172	1.352	6.073	16.185	17.875	5.465	2.844								50.094	50.275
SECL			1.740	0.000	2.489	2.235	4.376	5.850	4.161	2.970	107.914	0.584	6.296	0.128	8.006	0.435				147.184	147.403
SECL(GP-IV/2&3)												0.556	0.652	0.367	1.627				3.202	3.202	
SECL (GP-IV/1)																			0.000	0.000	
MCL								0.076				45.052	28.568	57.206	17.110				148.012	148.012	
NEC	0.003	0.027		0.000		0.006													0.036	0.036	
CIL	0.003	0.027	2.781	14.221	9.367	4.214	33.687	41.520	18.754	55.404	160.034	68.380	63.454	57.986	25.483	2.062	0.000	0.000	557.377	596.219	
SCCL					0.450	0.076	3.741	3.944	6.883	3.158	8.546	3.621	11.948	2.182	5.653		0.226	0.152	50.580	50.580	
JKML																	0.012		0.012	0.012	
JSMDCCL												0.079							0.079	0.079	
DVC																			0.000	0.000	
IISCO														0.083		0.017			0.099	0.191	
SAIL																			0.000	0.000	
RRVUNL										10.193		0.100		4.707					15.000	15.000	
NTPC								7.069		0.082	0.730	3.125							11.006	11.006	
WBPDCCL							5.258		1.000										6.258	6.258	
CSPGCL												0.000	0.439	0.441	0.170	0.452			1.502	1.502	
TSPGCL							2.023												2.023	2.023	
OCPL													2.001						2.001	2.001	
NLCIL													1.013						1.013	1.013	
DPL												0.067							0.067	0.067	
Total Public	0.003	0.027	2.781	14.221	9.817	4.290	42.686	47.487	32.706	59.562	178.855	72.877	79.066	63.623	31.389	7.221	0.255	0.152	647.017	685.951	
TSL																			0.000	5.853	
BALCO								0.000				0.002							0.002	0.002	
CESC												2.079							2.079	2.079	
GMR																			0.000	0.000	
HIL					0.046	0.000	0.199					0.063							0.308	0.308	
JPVL												2.800							2.800	2.800	
SIL								0.068											0.068	0.068	
SPL										10.271	8.299								18.570	18.570	
RCCPL								0.172											0.172	0.172	
TUML													0.112						0.112	0.112	
AMBUJA									0.054	0.000	0.115								0.169	0.169	
Total Private	0.000	0.000	0.000	0.000	0.000	0.046	0.000	0.439	0.000	10.325	13.178	0.292	0.000	0.000	0.000	0.000	0.000	0.000	24.280	30.133	
All India	0.003	0.027	2.781	14.221	9.817	4.336	42.686	47.927	32.706	69.887	192.033	73.169	79.066	63.623	31.389	7.221	0.255	0.152	671.297	716.085	

Table 2.15: Trend of Production of Raw Coal from Open Cast and Under Ground Mines in Last Ten Years
(Quantity in Million Tonnes)

Year	Open Cast					Under Ground					All India Raw Coal	
	Production			OC Share (%) in All India Total	OC Growth (%) (All India)	Production			UG Share (%) in All India Total	UG Growth (%) (All India)	Production	Growth (%)
	by CIL	by SCCL	All India			by CIL	by SCCL	All India				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2011-12	397.445	41.573	487.993	90.38	2.12	38.393	10.638	51.957	9.62	-5.28	539.950	1.36
2012-13	414.423	41.593	504.195	90.62	3.32	37.777	11.597	52.207	9.38	0.48	556.402	3.05
2013-14	426.300	39.921	516.116	91.22	2.36	36.113	10.548	49.649	8.78	-4.90	565.765	1.68
2014-15	459.191	42.333	560.667	92.04	8.63	35.043	10.203	48.512	7.96	-2.29	609.179	7.67
2015-16	504.969	49.727	592.822	92.74	5.74	33.785	10.653	46.408	7.26	-4.34	639.230	4.93
2016-17	522.663	51.821	613.518	93.26	3.49	31.477	9.515	44.350	6.74	-4.43	657.868	2.92
2017-18	536.823	53.700	633.569	93.81	3.27	30.543	8.310	41.831	6.19	-5.68	675.400	2.66
2018-19	576.404	55.223	686.214	94.17	8.31	30.483	9.178	42.504	5.83	1.61	728.718	7.89
2019-20	572.092	55.359	690.393	94.46	0.61	30.037	8.685	40.481	5.54	-4.76	730.874	0.30
2020-21	569.765	46.156	684.862	95.64	-0.80	26.454	4.424	31.222	4.36	-22.87	716.084	-2.02

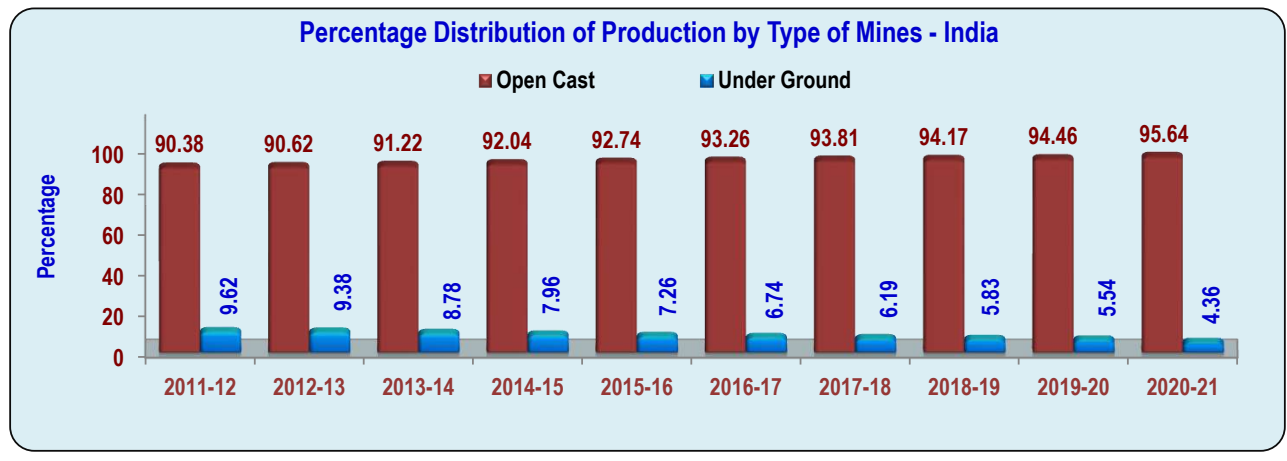
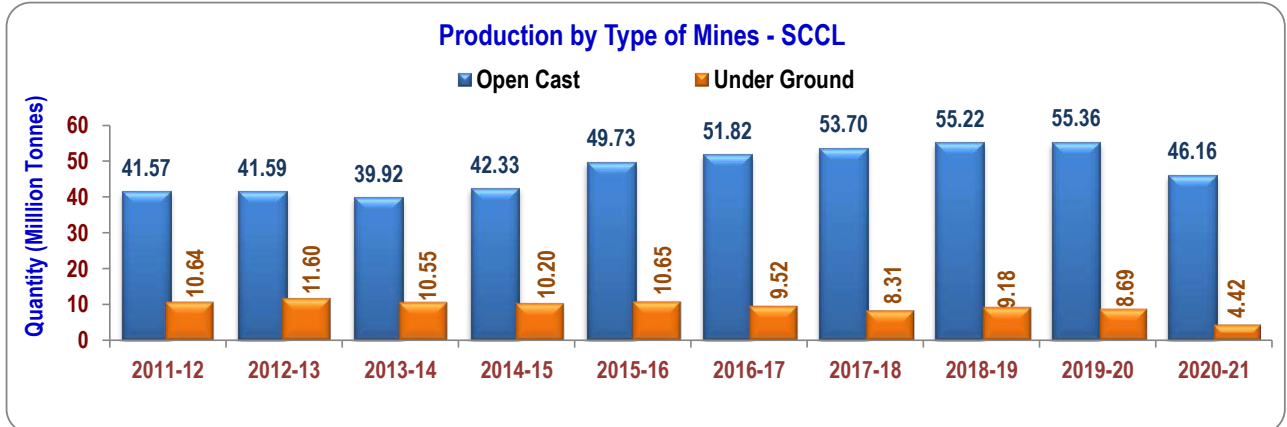
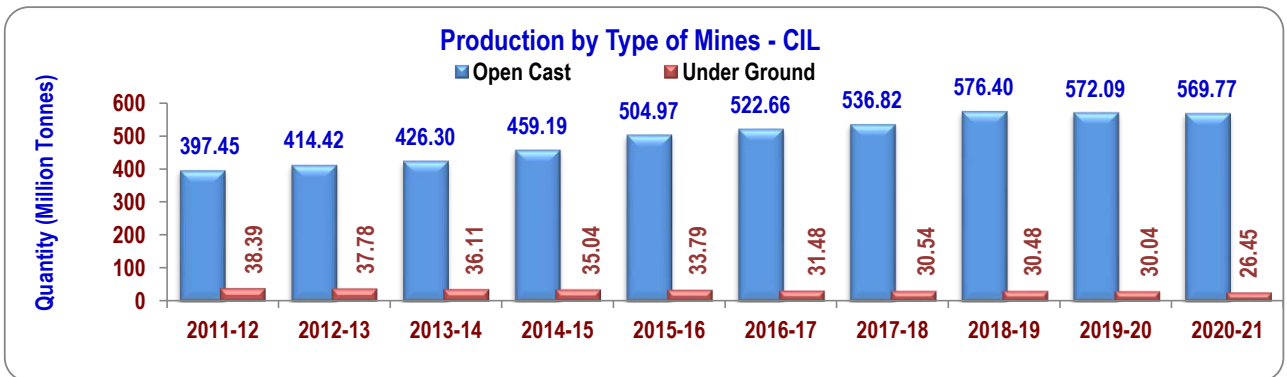


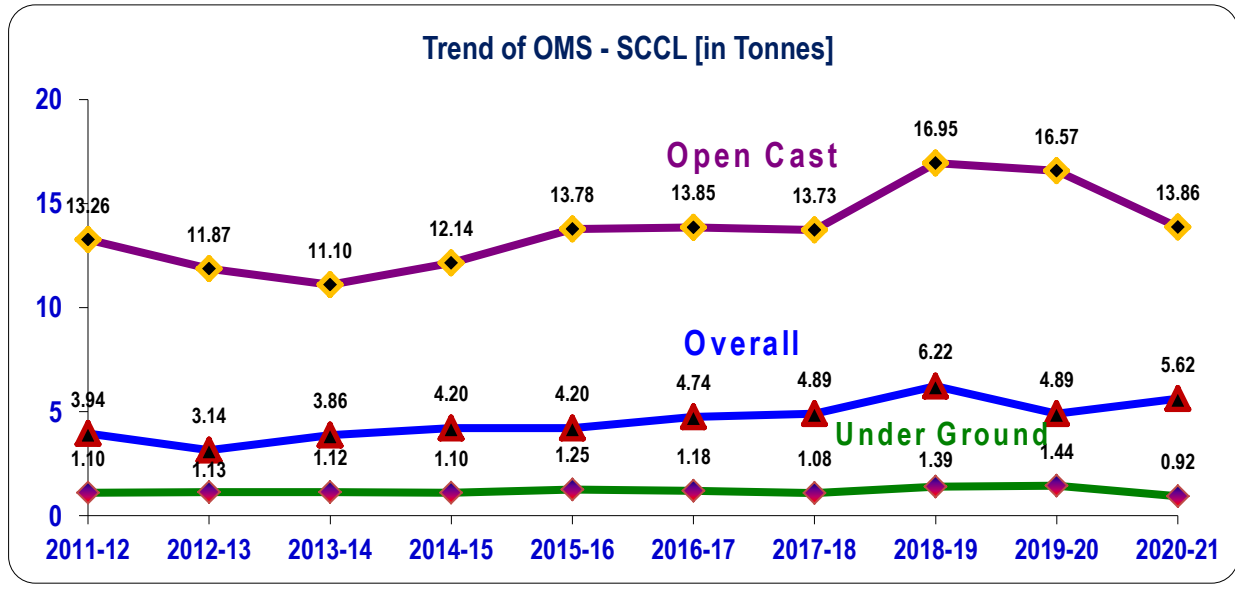
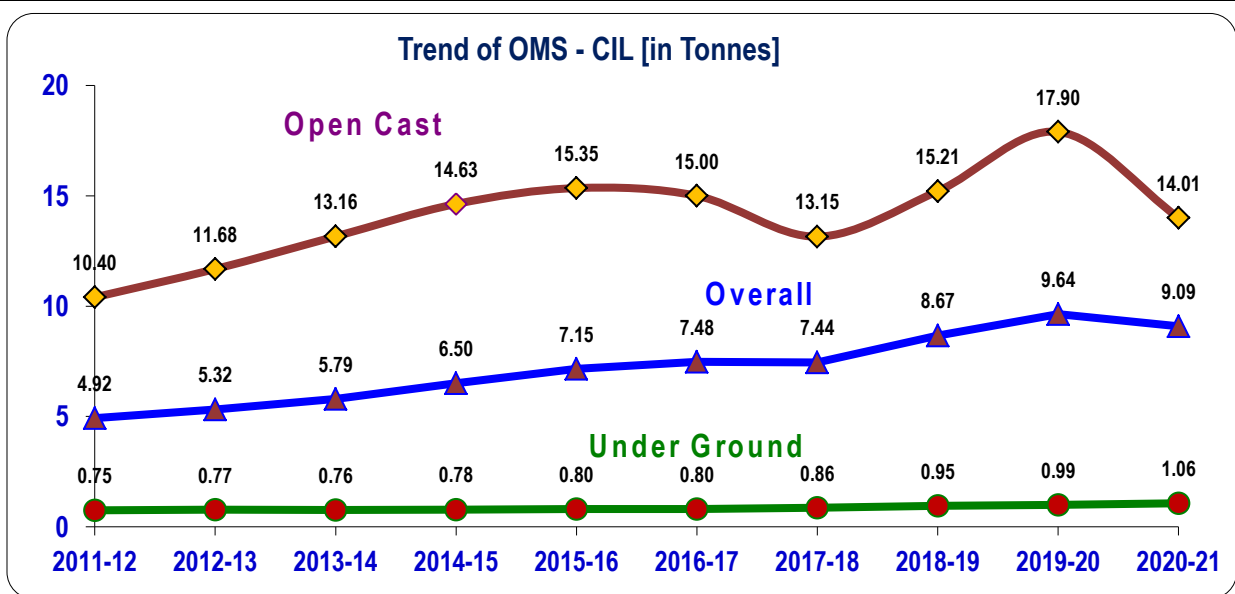
Table 2.16: Company Wise Production of Raw Coal from Open Cast and Under Ground Mines in Two Years
(Quantity in Million Tonnes)

Companies	2019 - 2020						2020 - 2021					
	Open Cast			Under Ground			Open Cast			Under Ground		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(8)	(9)	(10)	(11)	(12)	(13)	(8)	(9)	(10)	(11)	(12)	(13)
ECL	41.195	5.97	0.23	9.206	22.64	1.60	35.695	5.21	-13.35	9.309	29.82	1.12
BCCL	26.687	3.87	-11.45	1.042	2.56	15.78	24.048	3.51	-9.89	0.608	1.95	-41.65
CCL	66.186	9.59	-3.25	0.703	1.73	124.60	62.165	9.08	-6.08	0.424	1.36	-39.69
NCL	108.053	15.66	6.45				115.042	16.80	6.47			
WCL	53.476	7.75	10.00	4.160	10.23	-8.87	46.873	6.84	-12.35	3.402	10.90	-18.22
SECL	133.035	19.27	-3.33	14.090	34.65	-4.62	135.227	19.75	1.65	12.176	39.00	-13.58
SECL(GP-IV/2&3)	2.659	0.39	-18.71				3.202	0.47	20.42			
SECL(GP-IV/1)	0.762	0.11	-54.67				0.000	0.00	-100.00			
MCL	139.522	20.21	-2.62	0.836	2.06	-4.02	147.477	21.53	5.70	0.535	1.71	-36.00
NEC	0.517	0.07	-34.06				0.036	0.01	-93.04			
CIL	572.092	82.89	-0.75	30.037	73.86	-1.46	569.765	83.194	-0.407	26.454	84.729	-11.929
SCCL	55.359	8.02	0.25	8.685	21.36	-5.37	46.156	6.74	-16.62	4.424	14.17	-49.06
JKML				0.014	0.03	7.69				0.012	0.04	-14.29
DVC												
IISCO	0.294	0.04	-41.67	0.240	0.59	0.42	0.099	0.01	-66.33	0.092	0.29	-61.67
SAIL												
JSMDCL	0.068	0.01	-70.18				0.079	0.01	16.18			
RRVUNL	15.000	2.17	0.00				15.000	2.19	0.00			
NTPC	11.151	1.62	52.52				11.006	1.61	-1.30			
WBPDC	2.112	0.31	428.00				6.258	0.91	196.31			
CSPGCL	0.510	0.07	100.00				1.502	0.22	194.51			
TSPGCL	1.659	0.24	118.58				2.023	0.30	21.94			
OCPL	1.003	0.15	100.00				2.001	0.29	99.50			
DPL							0.067	0.01	N.A.			
NLCIL							1.013	0.15	N.A.			
Public	659.248	95.51	0.52	38.976	95.84	-2.35	654.969	95.635	-0.649	30.982	99.231	-20.510
TSL	5.128	0.74	-3.30	1.082	2.66	-12.95	5.853	0.85	14.14	0.000	0.00	-100.00
BALCO	1.000	0.14	49.93				0.002	0.00	-99.81			
CESC	1.958	0.28	5.50				2.079	0.30	6.18			
GMR												
HIL	0.573	0.08	-52.17	0.156	0.38	-84.00	0.308	0.04	-46.25	0.000	0.00	-100.00
JPVL	2.800	0.41	0.00				2.800	0.41	0.00			
SIL				0.270	0.66	0.00		0.00	N.A.	0.068	0.22	-74.81
SPL	18.700	2.71	3.89				18.570	2.71	-0.70			
RCCPL				0.182	0.45	76.70		0.00	N.A.	0.172	0.55	-5.49
TUML	0.286	0.04	-4.67				0.112	0.02	-60.84			
OCL	0.115	0.02	-28.57				0.000	0.00	-100.00			
AMBUJA	0.400	0.06	300.00				0.169	0.02	-57.75			
Private	30.960	4.49	1.89	1.690	4.16	-34.77	29.893	4.36	-3.45	0.240	0.77	-85.80
All India	690.208	100.00	0.58	40.666	100.00	-4.32	684.862	100.00	-0.77	31.222	100.00	-23.22

Table 2.17: Trend of OMS in OC & UG Mines (CIL & SCCL) during Last Ten Years

(Figures in Tonnes)

Year	OMS (Open Cast)		OMS (Under Ground)		OMS (Overall)	
	CIL	SCCL	CIL	SCCL	CIL	SCCL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2011-12	10.40	13.26	0.75	1.10	4.92	3.94
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	6.22
2019-20	17.90	16.57	0.99	1.44	9.64	4.89
2020-21	14.01	13.86	1.06	0.92	9.09	5.62



**Table 2.18: Company Wise Production, Manshifts & OMS (CIL & SCCL)
by Type of Mines during Last Three Years**

Companies	Type of Mines	2018-2019			2019-2020			2020-2021		
		Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)	Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)	Production (Mill.Tons)	Manshift (Million)	OMS (Tonnes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ECL	OC	41.099	2.415	17.02	41.195	2.373	34.89	35.695	2.322	15.00
BCCL	OC	30.139	4.978	6.05	26.687	3.953	6.75	24.048	3.236	7.43
CCL	OC	68.406	7.023	9.74	66.186	6.580	10.00	62.165	6.422	9.68
NCL	OC	101.503	4.171	24.34	108.053	4.496	24.03	115.042	3.973	28.95
WCL	OC	48.615	11.027	4.40	53.476	4.653	15.64	46.873	12.269	3.82
SECL	OC	137.624	4.461	30.85	133.035	4.496	29.59	135.227	7.727	32.88
SECL(GP-IV/2&3)	OC	3.271	0.037	88.41	2.659	0.039	68.18	3.202	0.047	68.13
SECL(GP-IV/1)	OC	1.681	0.023	73.09	0.762	0.024	31.75			0.00
MCL	OC	143.280	3.630	28.75	139.522	5.218	26.74	147.477	4.578	32.22
NEC	OC	0.784	0.134	5.84	0.517	0.121	4.26	0.036	0.103	0.35
CIL	OC	576.402	37.899	15.21	572.092	31.953	17.90	569.765	40.677	14.01
SCCL	OC	55.359	2.917	18.98	55.359	2.813	19.68	46.156	4.794	13.86
ECL	UG	9.061	11.597	0.78	9.206	11.169	1.29	9.309	10.926	1.00
BCCL	UG	0.900	4.549	0.20	1.042	4.402	0.24	0.608	4.217	0.14
CCL	UG	0.315	1.469	0.21	0.703	1.300	0.54	0.424	1.065	0.40
NCL	UG			0.00			0.00			0.00
WCL	UG	4.565	4.697	0.97	4.160	4.213	2.03	3.402	3.658	0.93
SECL	UG	14.773	8.586	1.82	14.090	8.360	1.70	12.176	4.113	1.58
SECL(GP-IV/2&3)	UG			0.00			0.00			0.00
SECL(GP-IV/1)	UG			0.00			0.00			0.00
MCL	UG	0.871	1.086	0.82	0.836	0.958	0.87	0.535	0.894	0.60
NEC	UG		0.099	0.00		0.076	0.00		0.062	0.00
CIL	UG	30.485	32.083	0.95	30.037	30.478	0.99	26.454	24.935	1.06
SCCL	UG	8.685	6.547	1.33	8.685	5.970	1.45	4.424	2.646	0.92
ECL	ALL	50.160	14.012	3.58	50.401	13.542	36.18	45.004	13.248	3.00
BCCL	ALL	31.039	9.527	6.25	27.729	8.355	6.99	24.656	7.453	7.57
CCL	ALL	68.721	8.492	8.09	66.889	7.880	8.49	62.589	7.487	8.49
NCL	ALL	101.503	4.171	24.34	108.053	4.496	24.03	115.042	3.973	28.95
WCL	ALL	53.180	15.724	3.37	57.636	8.866	17.67	50.275	15.927	17.67
SECL	ALL	152.397	13.047	11.68	147.125	12.856	11.44	147.403	11.840	11.44
SECL(GP-IV/2&3)	ALL	3.271	0.037	88.41	2.659	0.039	68.18	3.202	0.047	68.13
SECL(GP-IV/1)	ALL	1.681	0.023	73.09	0.762	0.024	31.75			0.00
MCL	ALL	144.151	4.716	23.82	140.358	6.176	0.00	148.012	5.472	27.05
NEC	ALL	0.784	0.233	3.37	0.517	0.197	3.37	0.036	0.165	3.37
CIL	ALL	606.887	69.982	8.67	602.129	62.431	9.64	596.219	65.612	9.09
SCCL	ALL	64.044	9.464	6.77	64.044	8.783	7.29	50.580	7.440	5.62

Table 2.19: Company Wise Over Burden Removal, Production (OC) and Stripping Ratio in Last Three Years**(OBR in Million Cubic Meter, Coal Production in Million Tonnes)**

Companies	2018 - 2019			2019 - 2020			2020 - 2021		
	Over Burden Removal	Production (OC)	Stripping Ratio	Over Burden Removal	Production (OC)	Stripping Ratio	Over Burden Removal	Production (OC)	Stripping Ratio
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ECL	126.056	41.099	3.07	140.455	41.195	3.41	139.585	35.695	3.91
BCCL	103.245	30.139	3.43	82.646	26.687	3.10	103.836	24.048	4.32
CCL	100.490	68.408	1.47	103.356	66.186	1.56	103.577	62.165	1.67
NCL	318.225	101.503	3.14	323.234	108.053	2.99	374.166	115.042	3.25
WCL	192.026	48.615	3.95	210.655	53.476	3.94	254.020	46.873	5.42
SECL	181.546	137.624	1.32	162.008	133.035	1.22	190.459	135.227	1.41
SECL(GP-IV/2&3)	1.063	3.271	0.32	2.372	2.659	0.89	5.993	3.202	1.87
SECL(GP-IV/1)	0.833	1.681	0.50	0.357	0.762	0.47	0.000	0.000	0.00
MCL	130.002	143.280	0.91	124.514	139.522	0.89	174.499	147.477	1.18
NEC	8.500	0.784	10.84	4.730	0.517	9.15	0.618	0.036	17.17
CIL	1161.986	576.404	2.02	1154.327	572.092	2.02	1346.753	569.765	2.36
SCCL	377.153	55.223	6.83	348.979	55.359	6.30	322.554	46.156	6.99
JKML					0.000				0.00
DVC					0.000				0.00
IISCO	0.000	0.504	0.00	1.973	0.294	6.71	0.681	0.099	6.88
SAIL					0.000				0.00
JSMDCL	0.000	0.228	0.00	0.453	0.068	6.66	0.241	0.079	3.05
RRVUNL	0.000	15.000	0.00	39.370	15.000	2.62	31.497	15.000	2.10
NTPC	0.000	7.311	0.00	39.131	11.151	3.51	34.279	11.006	3.11
WBPDCCL	0.000	0.400	0.00	10.167	2.112	4.81	18.591	6.258	2.97
CSPGCL				1.489	0.510	2.92	4.408	1.502	2.93
TSPGCL	22.221	0.759	29.28	29.752	1.659	17.93	33.646	2.023	16.63
OCPL				2.475	1.003	2.47	7.575	2.001	3.79
DPL							0.671	0.067	10.01
NLCIL							4.901	1.013	4.84
Public	1561.360	655.829	2.38	1628.116	659.248	2.47	1805.797	654.969	2.76
TSL	18.969	5.303	3.58	18.449	5.128	3.60	19.527	5.853	3.34
HIL	9.304	1.198	7.77	5.573	0.573	9.73	4.726	0.308	15.34
SPL	81.509	18.000	4.53	74.612	18.700	3.99	72.189	18.570	3.89
CESC	5.207	1.856	2.81	5.160	1.958	2.64	4.387	2.079	2.11
GMR	0.000	0.000	0.00		0.000			0.000	0.00
BALCO	2.819	0.667	4.23	4.918	1.000	4.92	0.181	0.002	90.50
JPVL	15.713	2.800	5.61	15.753	2.800	5.63	17.964	2.800	6.42
TUML	1.363	0.300	4.54	1.973	0.286	6.90	0.832	0.112	7.43
RCCPL	0.000	0.000	0.00		0.000			0.000	0.00
OCL	0.691	0.161	4.29	0.691	0.115	6.01		0.000	0.00
AMBUJA	0.926	0.100	9.26	1.352	0.400	3.38	0.736	0.169	4.36
Private	136.501	30.385	4.49	128.481	30.960	4.15	120.542	29.893	4.03
All India	1697.861	686.214	2.47	1756.597	690.208	2.55	1926.339	684.862	2.81

Note: Stripping ratio is defined as the ratio of OBR to coal produced in Open Cast mining.



Despatch & Off-take

Table 3.1: Trend of Despatch of Coal & Lignite during Last Ten Years

(Quantity in Million Tonnes)

Year	Raw coal			Lignite			Total Solid Fossil Fuel	
	Despatch	Share in Total Solid Fossil Fuel (%)	Change over Previous Year (%)	Despatch	Share in Total Solid Fossil Fuel (%)	Change over Previous Year (%)	Despatch	Change over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2011-12	535.299	92.74	2.26	41.883	7.26	11.14	577.182	2.86
2012-13	567.136	92.45	5.95	46.313	7.55	10.58	613.449	6.28
2013-14	572.060	92.87	0.87	43.897	7.13	-5.22	615.957	0.41
2014-15	603.772	92.78	5.54	46.954	7.22	6.96	650.726	5.64
2015-16	632.442	93.74	4.75	42.211	6.26	-10.10	674.653	3.68
2016-17	645.978	93.74	2.14	43.155	6.26	2.24	689.133	2.15
2017-18	690.003	93.71	6.82	46.317	6.29	7.33	736.320	6.85
2018-19	732.794	94.12	6.20	45.810	5.88	-1.09	778.604	5.74
2019-20	707.176	94.36	-3.50	42.267	5.64	-7.73	749.443	-3.75
2020-21	690.888	94.89	-2.30	37.220	5.11	-11.94	728.108	-2.85

Trend of Despatch of Coal & Lignite during Last Ten Years

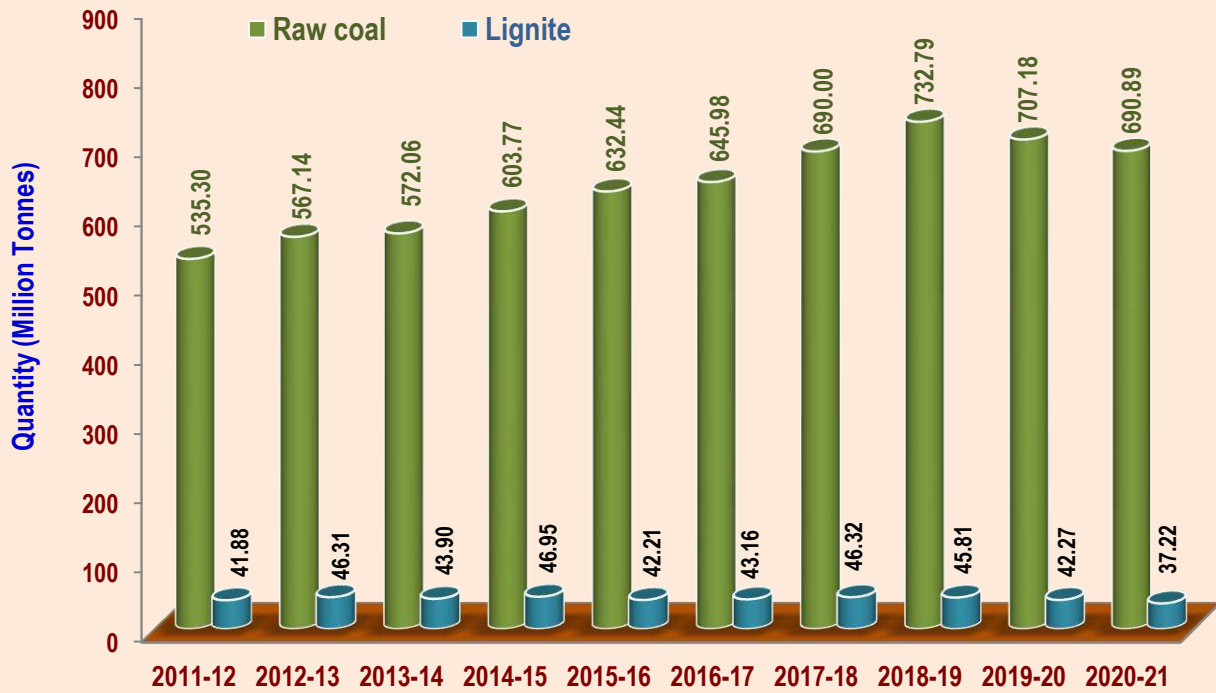


Table 3.2: Trend of Despatch of Different Type of Raw Coal during Last Ten Years

(Quantity in Million Tonnes)

Year	Coking Coal									Non-Coking Coal			Total Despatch	
	Metallurgical Coal			Non Metallurgical Coal			Total Coking Coal			Despatch	Share in Total Raw Coal (%)	Change over Previous Year (%)	Despatch	Change over Previous Year (%)
	Despatch	Share in Total Coking Coal (%)	Change over Previous Year (%)	Despatch	Share in Total Coking Coal (%)	Change over Previous Year (%)	Despatch	Share in Total Raw Coal (%)	Change over Previous Year (%)					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
2011-12	15.903	30.75	-1.07	35.820	69.25	8.96	51.723	9.66	5.66	483.576	90.34	1.91	535.299	2.26
2012-13	14.799	26.49	-6.94	41.060	73.51	14.63	55.859	9.85	8.00	511.277	90.15	5.73	567.136	5.95
2013-14	15.236	26.06	2.95	43.228	73.94	5.28	58.464	10.22	4.66	513.596	89.78	0.45	572.060	0.87
2014-15	13.264	23.50	-12.94	43.174	76.50	-0.12	56.438	9.35	-3.47	547.334	90.65	6.57	603.772	5.54
2015-16	13.866	23.42	4.54	45.347	76.58	5.03	59.213	9.36	4.92	573.229	90.64	4.73	632.442	4.75
2016-17	14.039	23.67	1.25	45.269	76.33	-0.17	59.308	9.18	0.16	586.670	90.82	2.34	645.978	2.14
2017-18	34.199	75.36	143.60	11.181	24.64	-75.30	45.380	6.58	-23.48	644.623	93.42	9.88	690.003	6.82
2018-19	35.255	81.39	3.09	8.063	18.61	-27.89	43.318	5.91	-4.54	689.476	94.09	6.96	732.794	6.20
2019-20	34.784	68.67	-1.34	15.872	31.33	96.85	50.656	7.16	16.94	656.520	92.84	-4.78	707.176	-3.50
2020-21	29.570	67.20	-14.99	14.431	32.80	-9.08	44.001	6.37	-13.14	646.887	93.63	-1.47	690.888	-2.30

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.

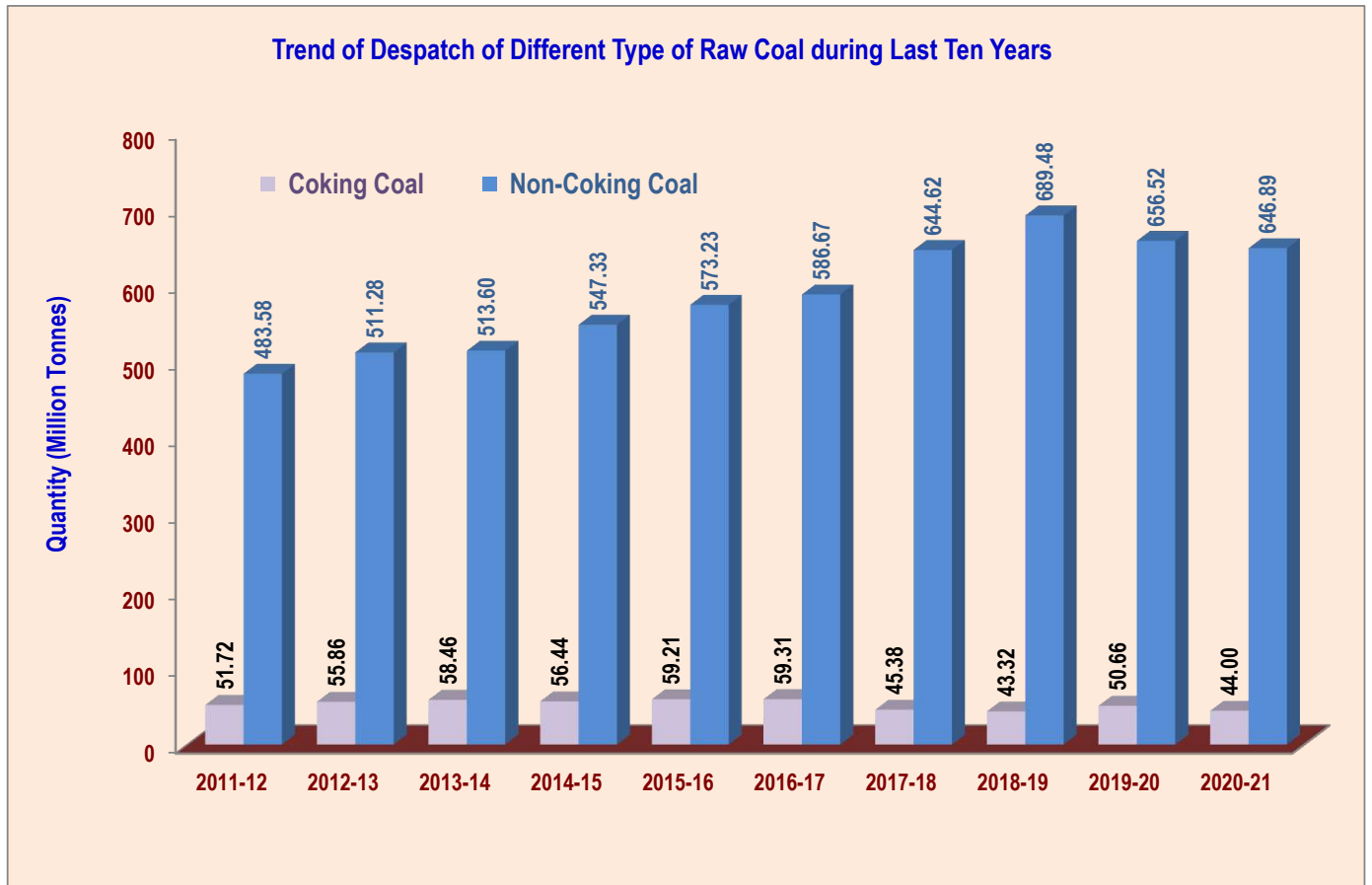
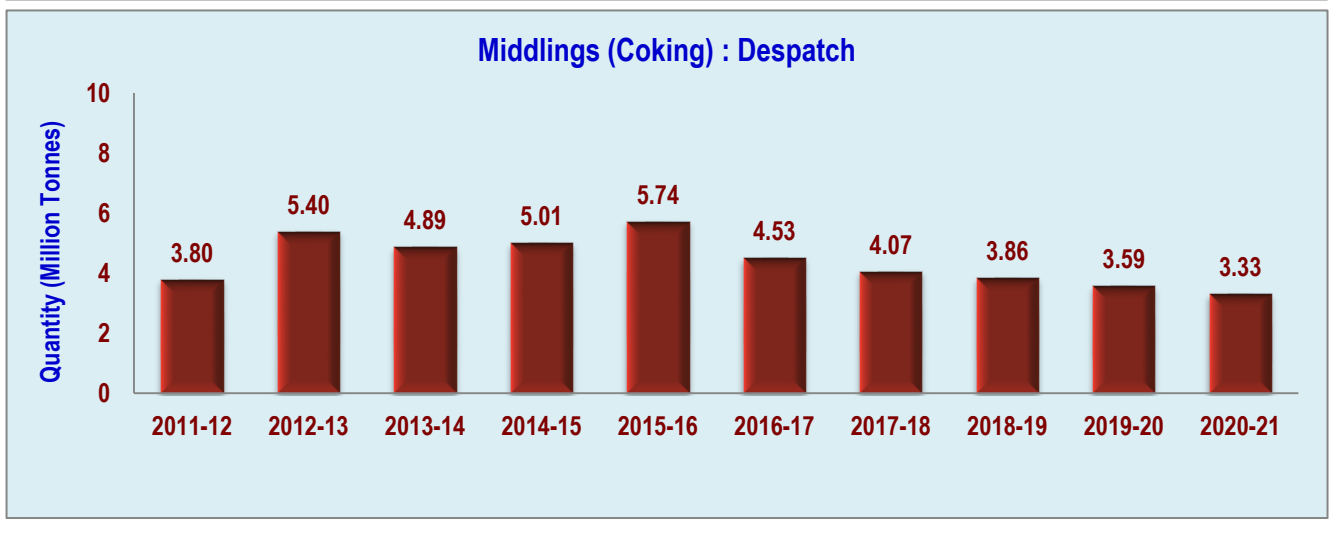
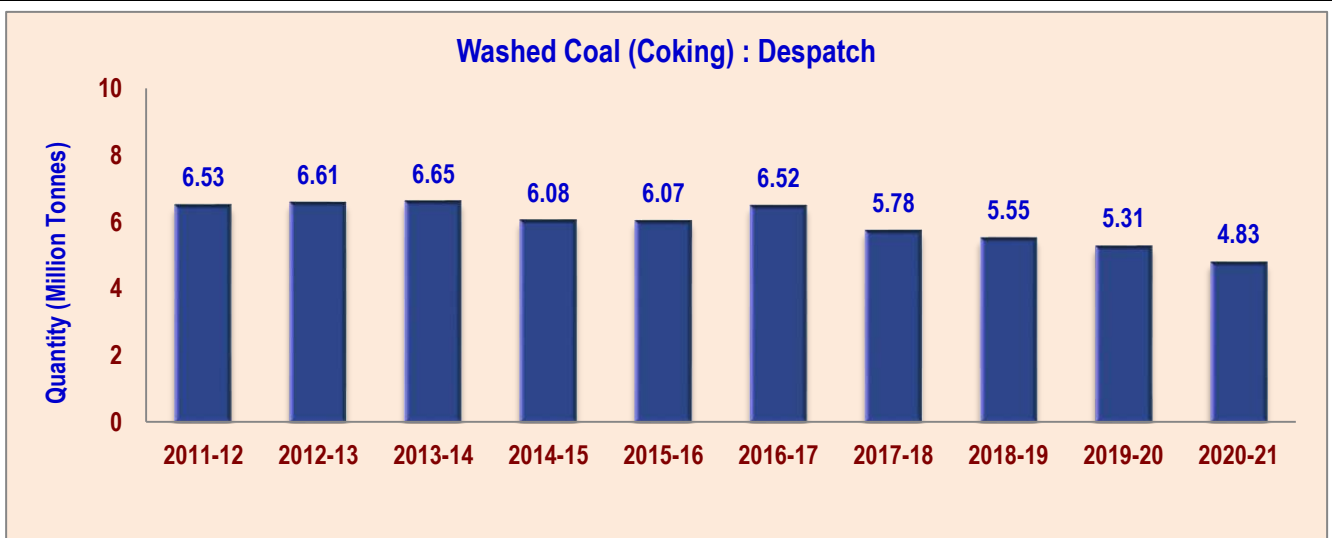


Table 3.3: Trend of Despatch of Different Type of Coal Products in Last Ten Years
(Quantity in Million Tonnes)

Year	Washed Coal (Coking)		Washed Coal (N-Coking)		Middlings (Coking)		Middlings (N-Coking)		Hard Coke	
	Despatch	Percentage of Change over Previous Year	Despatch	Percentage of Change over Previous Year	Despatch	Percentage of Change over Previous Year	Despatch	Percentage of Change over Previous Year	Despatch	Percentage of Change over Previous Year
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2011-12	6.532	-4.70	15.751	8.35	3.802	-15.59	3.545	-6.46	12.340	-1.64
2012-13	6.614	1.26	14.237	-9.61	5.403	42.11	5.184	46.23	12.429	0.72
2013-14	6.645	0.47	15.454	8.55	4.894	-9.42	3.854	-25.66	12.707	2.24
2014-15	6.080	-8.50	16.998	9.99	5.012	2.41	4.493	16.58	13.954	9.81
2015-16	6.068	-0.20	17.544	3.21	5.735	14.43	0.000	-	13.673	-2.01
2016-17	6.515	7.37	19.579	11.60	4.525	-21.10	0.000	-	12.554	-8.18
2017-18	5.778	-11.31	14.763	-24.60	4.071	-10.03	0.000	-	12.414	-1.12
2018-19	5.551	-3.93	19.513	32.18	3.856	-5.28	0.000	-	11.646	-6.19
2019-20	5.305	-4.43	18.456	-5.42	3.591	-6.87	0.000	-	14.872	27.70
2020-21	4.827	-9.01	18.601	0.79	3.326	-7.38	0.006	-	14.369	-3.38



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

Table 3.4: Monthly Despatch of Different Type of Raw Coal and Lignite during 2020-21**(Quantity in Million Tonnes)**

Month	Coking Coal			Non-Coking Coal			Total Raw Coal			Lignite		
	Desp.	Growth (%)	Share (%)	Desp.	Growth (%)	Share (%)	Desp.	Growth (%)	Share (%)	Desp.	Growth (%)	Share (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Apr-20	2.214	-44.19	5.03	44.063	-24.76	6.81	46.277	-26.00	6.70	3.326	-20.26	8.94
May-20	2.710	-32.05	6.16	45.586	-22.83	7.05	48.296	-23.41	6.99	3.513	-12.39	9.44
Jun-20	3.156	-28.74	7.17	46.614	-15.58	7.21	49.770	-16.56	7.20	3.240	-5.62	8.70
1st Quarter	8.080	-34.75	18.36	136.263	-21.17	21.06	144.343	-22.08	20.89	10.079	-13.22	27.08
Jul-20	3.803	-9.32	8.64	47.807	-8.27	7.39	51.610	-8.35	7.47	2.286	-21.31	6.14
Aug-20	4.362	11.65	9.91	47.673	5.84	7.37	52.035	6.30	7.53	2.038	-26.80	5.48
Sep-20	4.284	14.39	9.74	50.537	24.54	7.81	54.821	23.69	7.93	2.348	-15.23	6.31
2nd Quarter	12.449	5.09	28.29	146.017	6.01	22.57	158.466	5.94	22.94	6.672	-21.13	17.93
Oct-20	4.091	11.90	9.30	56.093	19.81	8.67	60.184	19.23	8.71	2.525	-17.16	6.78
Nov-20	3.913	-10.82	8.89	58.158	7.35	8.99	62.071	5.99	8.98	2.979	-9.70	8.00
Dec-20	3.554	-21.91	8.08	61.012	0.34	9.43	64.566	-1.21	9.35	3.226	-16.92	8.67
3rd Quarter	11.558	-8.23	26.27	175.263	8.32	27.09	186.821	7.13	27.04	8.730	-14.66	23.46
Jan-21	3.244	-29.12	7.37	62.378	-1.00	9.64	65.622	-2.90	9.50	3.764	-4.78	10.11
Feb-21	3.521	-24.06	8.00	59.159	-4.06	9.15	62.680	-5.46	9.07	3.735	-10.07	10.03
Mar-21	5.149	11.52	11.70	67.807	14.05	10.48	72.956	13.87	10.56	4.240	9.90	11.39
4th Quarter	11.914	-13.86	27.08	189.344	2.83	29.27	201.258	1.67	29.13	11.739	-1.88	31.54
Total 2020-21	44.001	-13.14	100.00	646.887	-1.47	100.00	690.888	-2.30	100.00	37.220	-11.94	100.00

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

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

Table 3.5: Monthly Despatch of Different Type of Coal Products during 2020-21

(Quantity in Million Tonnes)

Month	Washed Coal (Ckg)			Washed Coal (Nckg)			Middlings (Ckg)			Middlings (Nckg)			Hard Coke		
	Despatch	Growth (%)	Share (%)	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)	(14)	(15)	(16)
Apr-20	0.365	-28.15	7.56	0.895	-17.81	4.81	0.191	-41.77	5.74	0.000	0.00	0.00	0.953	-26.80	6.63
May-20	0.410	-20.85	8.49	1.063	-35.54	5.71	0.186	-53.50	5.59	0.002	0.00	33.33	0.993	-26.99	6.91
Jun-20	0.394	-20.24	8.16	1.059	-34.31	5.69	0.276	-19.06	8.30	0.001	0.00	16.67	1.012	-22.21	7.04
1st Quarter	1.169	-23.09	24.22	3.017	-30.64	16.22	0.653	-38.91	19.63	0.003	0.00	50.00	2.958	-25.36	20.59
Jul-20	0.357	-21.19	7.40	1.667	23.12	8.96	0.236	-35.34	7.10	0.002	0.00	33.33	1.145	-13.06	7.97
Aug-20	0.391	-16.63	8.10	1.594	30.44	8.57	0.294	-6.67	8.84	0.001	0.00	16.67	1.222	-5.12	8.50
Sep-20	0.392	-0.25	8.12	1.431	28.11	7.69	0.308	24.70	9.26	0.000	0.00	0.00	1.198	1.61	8.34
2nd Quarter	1.140	-13.31	23.62	4.692	27.05	25.22	0.838	-9.60	25.20	0.003	0.00	50.00	3.565	-5.79	24.81
Oct-20	0.391	-5.10	8.10	1.608	-2.84	8.64	0.298	26.27	8.96	0.000	0.00	0.00	1.292	7.58	8.99
Nov-20	0.412	11.05	8.54	1.767	23.05	9.50	0.371	43.80	11.15	0.000	0.00	0.00	1.254	4.07	8.73
Dec-20	0.460	6.98	9.53	1.982	15.77	10.66	0.277	2.59	8.33	0.000	0.00	0.00	1.284	19.44	8.94
3rd Quarter	1.263	4.12	26.17	5.357	11.53	28.80	0.946	23.82	28.44	0.000	0.00	0.00	3.830	10.03	26.65
Jan-21	0.432	-2.70	8.95	1.602	-22.80	8.61	0.268	-13.27	8.06	0.000	0.00	0.00	1.336	10.60	9.30
Feb-21	0.404	-2.88	8.37	1.881	1.40	10.11	0.254	-7.64	7.64	0.000	0.00	0.00	1.281	12.07	8.92
Mar-21	0.419	5.54	8.68	2.052	22.14	11.03	0.367	48.58	11.03	0.000	0.00	0.00	1.399	8.20	9.74
4th Quarter	1.255	-0.16	26.00	5.535	-1.34	29.76	0.889	6.98	26.73	0.000	0.00	0.00	4.016	10.21	27.95
Total 2020-21	4.827	-9.01	100.00	18.601	0.79	100.00	3.326	-7.38	100.00	0.006	0.00	100.00	14.369	-3.38	100.00

Note: 1. Growth is calculated over last quarter year, as the case may be, and is expressed in percentage.

2. Share is calculated as ratio of month to yearly despatches and is expressed in percentage.

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

4. Data of Hard Coke is related to steel plants only. There are other private sector companies, specially in small scale sector, data of which is not readily available.

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

(Quantity in Million Tonnes)

Year	Arunachal Pradesh			Assam			Chhattisgarh		
	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2011-12	0.322	0.06	31.43	0.800	0.15	-27.40	114.610	21.41	4.61
2012-13	0.055	0.01	-82.92	0.618	0.11	-22.75	121.058	21.35	5.63
2013-14				0.577	0.10	-6.63	124.674	21.79	2.99
2014-15				0.733	0.12	27.04	129.392	21.43	3.78
2015-16				0.342	0.05	-53.34	132.040	20.88	2.05
2016-17				0.777	0.12	127.19	135.268	20.94	2.44
2017-18				0.895	0.13	15.19	146.656	21.25	8.42
2018-19				0.754	0.10	-15.75	159.984	21.83	9.09
2019-20				0.562	0.08	-25.46	147.076	20.80	-8.07
2020-21				0.090	0.01	-83.99	146.249	21.17	-0.56
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)
2011-12	0.023	0.004	-8.00	109.792	20.51	2.96	69.560	12.99	0.17
2012-13	0.014	0.002	-39.13	119.276	21.03	8.64	60.411	10.65	-13.15
2013-14	0.013	0.002	-7.14	116.798	20.42	-2.08	63.096	11.03	4.44
2014-15	0.013	0.002	0.00	122.044	20.21	4.49	74.243	12.30	17.67
2015-16	0.012	0.002	-7.69	118.072	18.67	-3.25	85.205	13.47	14.77
2016-17	0.011	0.002	-8.33	120.739	18.69	2.26	87.743	13.58	2.98
2017-18	0.021	0.003	90.91	126.564	18.34	4.82	119.930	17.38	36.68
2018-19	0.016	0.002	-23.81	136.061	18.57	7.50	103.404	14.11	-13.78
2019-20	0.010	0.001	-37.50	132.418	18.72	-2.68	109.283	15.45	5.69
2020-21	0.012	0.002	20.00	117.959	17.07	-10.92	105.385	15.25	-3.57
Year	Maharashtra			Meghalaya			Odisha		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth(%)	Quantity	Share (%)	Growth(%)
(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
2011-12	38.108	7.12	-0.35	7.206	1.35	3.22	104.819	19.58	0.44
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				142.464	19.44	2.83
2019-20	50.008	7.07	-3.45				135.878	19.21	-4.62
2020-21	46.571	6.74	-6.87				151.912	21.99	11.80

Contd.....

Table 3.6: Share of Raw Coal Despatches by States during Last Ten Years

(Quantity in Million Tonnes)

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)
2011-12	51.389	9.60	2.68	15.467	2.89	0.48	23.203	4.33	8.23
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	33.822	4.90	2.35

Year	All India		
	Quantity		Growth(%)
(41)	(42)		(43)
2011-12	535.299		2.26
2012-13	567.136		5.95
2013-14	572.060		0.87
2014-15	603.772		5.54
2015-16	632.442		4.75
2016-17	645.978		2.14
2017-18	690.003		6.82
2018-19	732.794		6.20
2019-20	707.176		-3.50
2020-21	690.888		-2.30

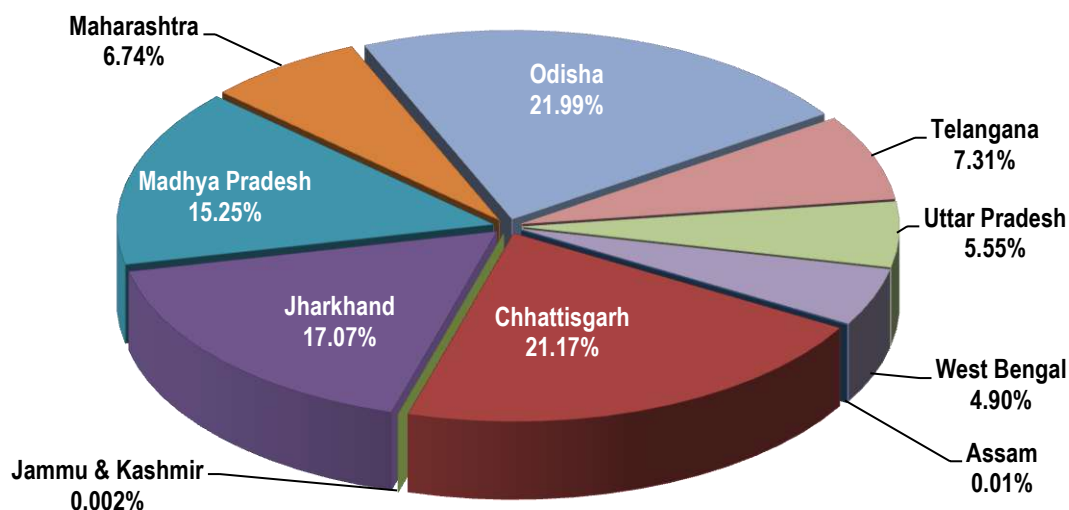
Percentage Share of Raw Coal Despatches by States in 2020-21

Table 3.7: Share of Lignite Despatch by States during Last Ten Years

(Quantity in Million Tonnes)

Year	Tamil Nadu			Gujarat		
	Quantity	Share (%)	Growth (%)	Quantity	Share (%)	Growth (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2011-12	24.472	58.43	6.03	14.448	34.50	10.47
2012-13	24.312	52.49	-0.65	14.670	31.68	1.54
2013-14	24.438	55.67	0.52	11.831	26.95	-19.35
2014-15	24.088	51.30	-1.43	12.362	26.33	4.49
2015-16	22.493	53.29	-6.62	10.135	24.01	-18.01
2016-17	24.165	56.00	7.43	10.545	24.44	4.05
2017-18	23.398	50.52	-3.17	13.779	29.75	30.67
2018-19	24.510	53.50	4.75	12.555	27.41	-8.88
2019-20	23.775	56.25	-3.00	10.354	24.50	-17.53
2020-21	18.516	49.75	-22.12	9.548	25.65	-7.78

Year	Rajasthan			All India	
	Quantity	Share (%)	Growth (%)	Quantity	Growth (%)
(8)	(9)	(10)	(11)	(12)	(13)
2011-12	2.963	7.07	94.30	41.883	11.14
2012-13	7.331	15.83	147.42	46.313	10.58
2013-14	7.628	17.38	4.05	43.897	-5.22
2014-15	10.504	22.37	37.70	46.954	6.96
2015-16	9.583	22.70	-8.77	42.211	-10.10
2016-17	8.445	19.57	-11.88	43.155	2.24
2017-18	9.140	19.73	8.23	46.317	7.33
2018-19	8.746	19.09	-4.31	45.811	-1.09
2019-20	8.138	19.25	-6.95	42.267	-7.74
2020-21	9.156	24.60	12.51	37.220	-11.94

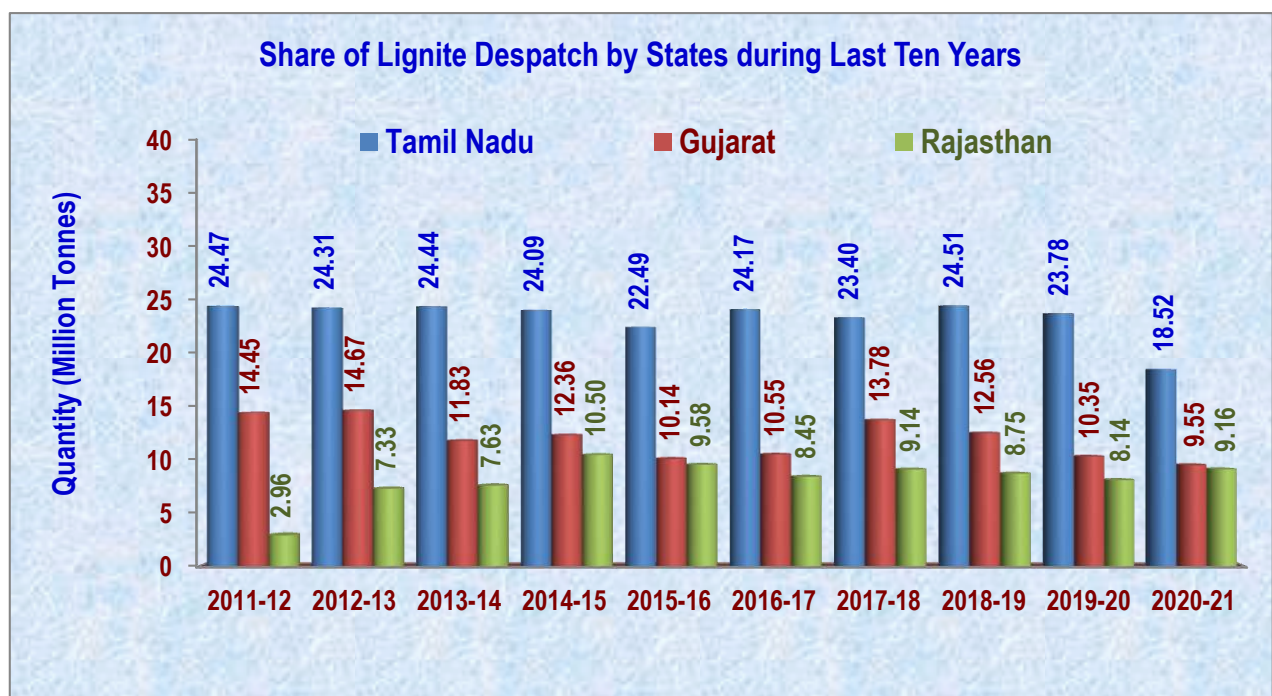


Table 3.8: Trend of Company Wise Despatch of Coal & Lignite during Last Three Years**(Quantity in Million Tonnes)**

Company	2018-19			2019-20			2020-21		
	Coking	Non Coking	Total	Coking	Non Coking	Total	Coking	Non Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Coal									
ECL	0.026	50.198	50.224	0.027	49.108	49.135	0.018	41.844	41.862
BCCL	25.726	7.356	33.082	25.973	2.698	28.671	22.113	1.057	23.170
CCL	10.117	58.328	68.445	17.804	49.528	67.332	15.473	49.927	65.400
NCL		101.574	101.574		107.423	107.423		108.644	108.644
WCL	0.196	55.354	55.550	0.177	52.399	52.576	0.184	49.504	49.688
SECL	0.249	150.733	150.982	0.169	138.049	138.218	0.271	135.252	135.523
SECL(GP-IV/2&3)		3.200	3.200		2.888	2.888		3.241	3.241
SECL(GP-IV/1)		1.839	1.839		0.821	0.821			0.000
MCL		142.303	142.303		134.014	134.014		146.008	146.008
NEC		0.754	0.754		0.562	0.562		0.090	0.090
CIL	36.314	571.639	607.953	44.150	537.490	581.640	38.059	535.567	573.626
SCCL		67.669	67.669		62.465	62.465		48.513	48.513
JKML		0.016	0.016		0.010	0.010		0.012	0.012
JSMDCL		0.228	0.228		0.064	0.064		0.069	0.069
DVC			0.000			0.000			0.000
IISCO	0.443	0.301	0.744	0.300	0.234	0.534	0.092	0.100	0.192
SAIL			0.000			0.000			0.000
RRVUNL		15.000	15.000		15.000	15.000		15.000	15.000
NTPC		6.972	6.972		10.696	10.696		10.939	10.939
WBPDCCL		0.337	0.337		1.927	1.927		6.588	6.588
CSPGCL			0.000		0.018	0.018		1.660	1.660
TSPGCL		0.757	0.757		1.657	1.657		2.020	2.020
OCPL			0.000		0.515	0.515		1.804	1.804
DPI			0.000			0.000		0.024	0.024
NLCIL			0.000			0.000		0.700	0.700
Total Public	36.757	662.919	699.676	44.450	630.076	674.526	38.151	622.996	661.147
TSL	6.561	0.000	6.561	6.206	0.000	6.206	5.850		5.850
HIL		2.310	2.310		0.909	0.909		0.317	0.317
SPL		18.001	18.001		18.783	18.783		18.068	18.068
SIL		0.270	0.270		0.224	0.224		0.100	0.100
CESC		1.948	1.948		1.887	1.887		1.964	1.964
GMR		0.000	0.000		0.000	0.000			0.000
BALCO		0.563	0.563		0.874	0.874		0.231	0.231
JPVL		2.799	2.799		2.800	2.800		2.801	2.801
RCCPL		0.103	0.103		0.182	0.182		0.173	0.173
TUML		0.302	0.302		0.284	0.284		0.113	0.113
AMBUJA		0.100	0.100		0.386	0.386		0.124	0.124
OCL		0.161	0.161		0.115	0.115			0.000
Total Private	6.561	26.557	33.118	6.206	26.444	32.650	5.850	23.891	29.741
All India	43.318	689.476	732.794	50.656	656.520	707.176	44.001	646.887	690.888
Lignite									
NLC			25.719			25.123			19.752
GMDCL			9.160			6.957			6.004
GIPCL			3.313			3.342			3.508
RSMML			1.317			0.790			0.830
GHCL			0.082			0.055			0.036
VSLPPL			0.303			0.697			0.927
BLMCL			5.917			5.303			6.163
All India			45.811			42.267			37.220
Total Coal & Lignite			778.605			749.443			728.108

Table 3.9: State Wise and Company Wise Despatch of Raw Coal by Type in Last Three Years
(Quantity in Million Tonnes)

States	Company	2018-19			2019-20			2020-21		
		Coking	N-Coking	Total	Coking	N-Coking	Total	Coking	N-Coking	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Assam	NEC		0.754	0.754		0.562	0.562	0.000	0.090	0.090
Chhattisgarh	SECL	0.249	137.481	137.730	0.169	126.255	126.424	0.271	124.528	124.799
Chhattisgarh	SECL(GP-IV/2&3)		3.200	3.200		2.888	2.888		3.241	3.241
Chhattisgarh	SECL(GP-IV/1)		1.839	1.839		0.821	0.821			0.000
Chhattisgarh	RRVUNL		15.000	15.000		15.000	15.000		15.000	15.000
Chhattisgarh	HIL_GP_IV/4		1.000	1.000		0.530	0.530		0.292	0.292
Chhattisgarh	HIL_GP_IV/5		1.000	1.000		0.135	0.135		0.001	0.001
Chhattisgarh	CSPGCL		1.000	1.000		0.018	0.018		1.660	1.660
Chhattisgarh	NTPC		0.552	0.552		0.000	0.000		0.901	0.901
Chhattisgarh	BALCO		0.563	0.563		0.874	0.874		0.231	0.231
Chhattisgarh	AMBUJA		0.100	0.100		0.386	0.386		0.124	0.124
Chhattisgarh	Total	0.249	161.735	161.984	0.169	146.907	147.076	0.271	145.978	146.249
Jammu & Kashmir	JKML		0.016	0.016		0.010	0.010	0.000	0.012	0.012
Jharkhand	ECL	0.022	20.648	20.670	0.027	20.553	20.580	0.018	16.716	16.734
Jharkhand	BCCL	24.770	7.211	31.981	25.679	2.551	28.230	22.113	1.039	23.152
Jharkhand	CCL	10.117	58.328	68.445	17.804	49.528	67.332	15.473	49.927	65.400
Jharkhand	JSMDCCL		0.228	0.228		0.064	0.064		0.069	0.069
Jharkhand	DVC			0.000			0.000			0.000
Jharkhand	IISCO	0.443	0.003	0.446	0.300		0.300	0.092		0.092
Jharkhand	SAIL			0.000			0.000			0.000
Jharkhand	NTPC		6.972	6.972		9.462	9.462		6.638	6.638
Jharkhand	TSL	6.561		6.561	6.206		6.206	5.850		5.850
Jharkhand	HIL_KOC		0.758	0.758		0.244	0.244		0.024	0.024
Jharkhand	Total	41.913	94.148	136.061	50.016	82.402	132.418	43.546	74.413	117.959
Madhya Pradesh	NCL		64.920	64.920		72.648	72.648		70.289	70.289
Madhya Pradesh	WCL	0.196	4.133	4.329	0.177	2.899	3.076	0.184	3.146	3.330
Madhya Pradesh	SECL		13.252	13.252		11.794	11.794		10.724	10.724
Madhya Pradesh	SPL		18.001	18.001		18.783	18.783		18.068	18.068
Madhya Pradesh	JPVL		2.799	2.799		2.800	2.800		2.801	2.801
Madhya Pradesh	RCCPL		0.103	0.103		0.182	0.182		0.173	0.173
Madhya Pradesh	Total	0.196	103.208	103.404	0.177	109.106	109.283	0.184	105.201	105.385
Maharashtra	WCL		51.221	51.221		49.500	49.500		46.358	46.358
Maharashtra	SIL		0.270	0.270		0.224	0.224		0.100	0.100
Maharashtra	TUML		0.302	0.302		0.284	0.284		0.113	0.113
Maharashtra	Total	0.000	51.793	51.793	0.000	50.008	50.008	0.000	46.571	46.571
Odisha	MCL		142.303	142.303		134.014	134.014		146.008	146.008
Odisha	GMR		0.000	0.000		0.000	0.000			0.000
Odisha	OCPL			0.000		0.515	0.515		1.804	1.804
Odisha	NTPC			0.000		1.234	1.234		3.400	3.400
Odisha	NLCIL			0.000			0.000		0.700	0.700
Odisha	OCL		0.161	0.161		0.115	0.115			0.000
Odisha	Total		142.464	142.464		135.878	135.878	0.000	151.912	151.912
Telangana	SCCL		67.669	67.669		62.465	62.465		48.513	48.513
Telangana	TSPGCL		0.757	0.757		1.657	1.657		2.020	2.020
Telangana	Total	0.000	68.426	68.426	0.000	64.122	64.122	0.000	50.533	50.533
Uttar Pradesh	NCL		36.654	36.654		34.775	34.775	0.000	38.355	38.355
West Bengal	ECL	0.004	29.550	29.554	0.000	28.555	28.555		25.128	25.128
West Bengal	BCCL	0.956	0.145	1.101	0.294	0.147	0.441		0.018	0.018
West Bengal	IISCO		0.298	0.298		0.234	0.234		0.100	0.100
West Bengal	WBPDCCL		0.337	0.337		1.927	1.927		6.588	6.588
West Bengal	DPL			0.000			0.000		0.024	0.024
West Bengal	CESC		1.948	1.948		1.887	1.887		1.964	1.964
West Bengal	Total	0.960	32.278	33.238	0.294	32.750	33.044	0.000	33.822	33.822
Total Public		36.757	664.471	701.228	44.450	630.076	674.526	38.151	622.996	661.147
Total Private		6.561	27.005	33.566	6.206	26.444	32.650	5.850	23.891	29.741
All India		43.318	691.476	734.794	50.656	656.520	707.176	44.001	646.887	690.888

Table 3.10: Captive Block Wise Despatch of Raw Coal during Last Three Years**(Quantity in Million Tonnes)**

Block	Company	State	2018-19			2019-20			2020-21		
			Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
SECL(GP-IV/2&3)	SECL	Chhattisgarh		3.200	3.200		2.888	2.888		3.241	3.241
SECL(GP-IV/1)	SECL	Chhattisgarh		1.839	1.839		0.821	0.821			0.000
Parsa East & Kanta Basan	RRVUNL	Chhattisgarh		15.000	15.000		15.000	15.000		15.000	15.000
Pakri Barwadih	NTPC	Jharkhand		6.797	6.797		9.462	9.462		6.638	6.638
Dulanga	NTPC	Odisha		0.175	0.175		1.234	1.234			0.000
Tallipalli	NTPC	Chhattisgarh		0.000	0.000		0.000	0.000		0.901	0.901
Talabira II & III	NLCL	Odisha			0.000			0.000		0.700	0.700
Tasra	SAIL	Jharkhand			0.000			0.000			0.000
Barjora	WBPDCCL	West Bengal		0.337	0.337		0.563	0.563		0.207	0.207
Barjora North	WBPDCCL	West Bengal			0.000		0.525	0.525		0.678	0.678
Pachhawara North	WBPDCCL	West Bengal			0.000		0.839	0.839		4.279	4.279
Gangaramchak Bhadulia	WBPDCCL	West Bengal			0.000			0.000		1.424	1.424
Trans Damodar	DPL	West Bengal			0.000			0.000		0.024	0.024
Tadicherla	TSPGCL	Telangana		0.757	0.757		1.657	1.657		2.020	2.020
GP Sector III	CSPGCL	Chhattisgarh			0.000		0.018	0.018		1.660	1.660
Manoharpur	OCPL	Odisha			0.000		0.515	0.515		1.803	1.803
Total Public			0.000	28.105	28.105	0.000	33.522	33.522	0.000	38.575	38.575
Amelia North	JPVL	Madhya Pradesh		2.799	2.799		2.800	2.800		2.801	2.801
Belgaon	SIL	Maharashtra		0.270	0.270		0.224	0.224		0.100	0.100
Chotia II	BALCO	Chhattisgarh		0.563	0.563		0.874	0.874		0.231	0.231
Gare Palma IV/4	HIL	Chhattisgarh		1.000	1.000		0.530	0.530		0.292	0.292
Gare Palma IV/5	HIL	Chhattisgarh		0.552	0.552		0.135	0.135		0.001	0.001
Kathautia	HIL	Chhattisgarh		0.758	0.758		0.244	0.244		0.024	0.024
Moher & Moher Amlori Extn	SPL	Madhya Pradesh		18.001	18.001		18.783	18.783		18.068	18.068
Sarshatali	CESC	West Bengal		1.948	1.948		1.887	1.887		1.964	1.964
Talabira-I	GMR	Odisha		0.000	0.000		0.000	0.000			0.000
Sial Ghogri	RCCPL	Madhya Pradesh		0.103	0.103		0.182	0.182		0.173	0.173
Marki Mangli I	TUML	Maharashtra		0.302	0.302		0.284	0.284		0.113	0.113
Ardhagram	OCL	Odisha		0.161	0.161		0.115	0.115			0.000
Gare Palma IV/8	AMBUJA	Chhattisgarh		0.100	0.100		0.386	0.386		0.124	0.124
Total Private			0.000	26.557	26.557	0.000	26.444	26.444	0.000	23.891	23.891
Grand Total			0.000	54.662	54.662	0.000	59.966	59.966	0.000	62.466	62.466

Table 3.11: Grade Wise Despatch of Coking Coal by Companies during 2020-21**(Quantity in Million Tonnes)**

Companies	Despatch of Coking Coal											
	Steel-I	Steel-II	SC-1	Wash-I	Wash-II	Wash-III	Wash-IV	Wash-V	Wash-VI	Met.Coal	Non Met	Total Coking
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
ECL						0.018				0.000	0.018	0.018
BCCL	0.000	0.080		0.194	1.419	1.731	12.879	5.424	0.386	22.113	0.000	22.113
CCL						0.560	8.355	6.524	0.034	1.515	13.958	15.473
NCL											0.000	0.000
WCL							0.184				0.184	0.184
SECL			0.271								0.271	0.271
SECL(GP-IV/2&3)											0.000	0.000
SECL(GP-1)											0.000	0.000
MCL											0.000	0.000
NEC											0.000	0.000
CIL	0.000	0.080	0.271	0.194	1.419	2.309	21.418	11.948	0.420	23.628	14.431	38.059
SCCL											0.000	0.000
JKML											0.000	0.000
DVC											0.000	0.000
IISCO						0.043	0.049			0.092	0.000	0.092
SAIL											0.000	0.000
JSMDCL											0.000	0.000
RRVUNL											0.000	0.000
NTPC											0.000	0.000
WBPDCL											0.000	0.000
CSPGCL											0.000	0.000
TSPGCL											0.000	0.000
OCPL											0.000	0.000
NLCIL											0.000	0.000
DPL											0.000	0.000
Total Public	0.000	0.080	0.271	0.194	1.419	2.352	21.467	11.948	0.420	23.720	14.431	38.151
TSL					0.649	0.389	4.812			5.850	0.000	5.850
CESC											0.000	0.000
HIL											0.000	0.000
SPL											0.000	0.000
GMR											0.000	0.000
BALCO											0.000	0.000
SIL											0.000	0.000
JPVL											0.000	0.000
RCCPL											0.000	0.000
TUML											0.000	0.000
AMBUJA											0.000	0.000
Total Private	0.000	0.000	0.000	0.000	0.649	0.389	4.812	0.000	0.000	5.850	0.000	5.850
All India	0.000	0.080	0.271	0.194	2.068	2.741	26.279	11.948	0.420	29.570	14.431	44.001

Provisional Coal Statistics 2020-21

Table 3.12: Grade Wise Despatch of Non-Coking Coal by Companies during 2020-21

(Quantity in Million Tonnes)

Companies	Despatch 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	Ungraded			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(20)	(21)	(22)	
ECL			1.023	13.738	6.571	1.184	3.577	1.833		0.143				13.775						41.844	41.862
BCCL					0.156	0.004	0.204	0.679					0.007	0.007						1.057	23.170
CCL					0.008	0.796	1.220	3.609	4.742	9.863	11.667	12.854	5.168							49.927	65.400
NCL							22.550	25.838	1.281	28.719	19.682	8.004	2.570							108.644	108.644
WCL					0.152	0.162	1.564	6.276	15.736	16.659	5.770	3.185								49.504	49.688
SECL			1.635	0.000	0.869	2.486	4.980	6.526	2.439	2.191	101.235	0.634	4.863	1.047	6.268	0.079				135.252	135.523
SECL(GP-IV/2&3)												0.559	0.674	0.344	1.664				3.241	3.241	
SECL(GP-1)												0.000		0.000		0.000			0.000	0.000	
MCL								0.059			0.038	43.712	27.346	65.177	9.676					146.008	146.008
NEC	0.010	0.039		0.001	0.040															0.090	0.090
CIL	0.010	0.039	2.658	13.739	7.604	4.662	32.693	40.108	14.738	56.652	149.281	71.533	56.914	66.905	16.288	1.743	0.000	0.000		535.567	573.626
SCCL					0.483	0.069	3.757	3.861	2.603	11.063	6.623	1.365	14.748	0.006	3.430	0.000	0.065	0.440		48.513	48.513
JKML																	0.012			0.012	0.012
DVC																				0.000	0.000
IISCO															0.083		0.017			0.100	0.192
SAIL																				0.000	0.000
JSMDC												0.069								0.069	0.069
RRVUNL											10.193		0.100		4.707					15.000	15.000
NTPC								6.638				0.901	3.400							10.939	10.939
WBPDC							5.164			1.424										6.588	6.588
CSPGCL													0.536	0.637	0.094	0.393				1.660	1.660
TSPGCL							2.020													2.020	2.020
OCPL														1.804						1.804	1.804
NLCIL														0.700						0.700	0.700
DPL														0.024						0.024	0.024
Total Public	0.010	0.039	2.658	13.739	8.087	4.731	41.614	45.989	23.979	69.139	166.097	73.892	75.698	70.052	19.895	6.843	0.094	0.440		622.996	661.147
TSL																				0.000	5.850
CESC											1.964									1.964	1.964
HIL					0.024	0.001	0.219					0.073								0.317	0.317
SPL										18.068										18.068	18.068
GMR																				0.000	0.000
BALCO								0.097				0.134								0.231	0.231
SIL								0.100												0.100	0.100
JPVL												2.801								2.801	2.801
RCCPL								0.173												0.173	0.173
TUML													0.113							0.113	0.113
AMBUJA									0.057	0.000	0.067									0.124	0.124
Total Private	0.000	0.000	0.000	0.000	0.000	0.024	0.001	0.589	0.000	18.125	4.765	0.387	0.000	0.000	0.000	0.000	0.000	0.000		23.891	29.741
All India	0.010	0.039	2.658	13.739	8.087	4.755	41.615	46.578	23.979	87.264	170.862	74.279	75.698	70.052	19.895	6.843	0.094	0.440		646.887	690.888

Table 3.13: Mode Wise Company Wise Despatch of Raw Coal In 2020-21 (External & Internal)
(Quantity in Million Tonnes)

Company	2020-21 (External)							2020-21 (Internal)							Grand Total
	Rail	Road	Belt	Rope	MGR	Other	Total	Rail	Road	Belt	Rope	MGR	Other	Total	
(1)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
ECL	28.102	3.005			10.755		41.862							0.000	41.862
BCCL	15.943	4.550					20.493	0.458	2.219					2.677	23.170
CCL	48.123	10.234					58.357		7.043					7.043	65.400
NCL	35.935	17.345	3.230		52.134		108.644							0.000	108.644
WCL	34.163	12.878	0.206	1.732	0.709		49.688							0.000	49.688
SECL	64.960	37.129	6.680		25.030	1.724	135.523							0.000	135.523
SECL(GP-IV/2&3)		3.241					3.241							0.000	3.241
SECL(GP-IV/1)		0.000					0.000							0.000	0.000
MCL	96.251	33.389	1.214		15.154		146.008							0.000	146.008
NEC	0.073	0.017					0.090							0.000	0.090
CIL	323.550	121.788	11.330	1.732	103.782	1.724	563.906	0.458	9.262	0.000	0.000	0.000	0.000	9.720	573.626
SCCL	34.022	7.310		0.344	6.837		48.513							0.000	48.513
JKML		0.012					0.012							0.000	0.012
DVC							0.000							0.000	0.000
IISCO		0.149					0.149			0.043				0.043	0.192
SAIL							0.000							0.000	0.000
JSMDCL		0.069					0.069							0.000	0.069
RRVUNL							0.000						15.000	15.000	15.000
NTPC							0.000	7.539			3.197	0.203		10.939	10.939
WBPDCCL	6.588						6.588							0.000	6.588
CSPGCL							0.000		1.660					1.660	1.660
TSPGCL							0.000		2.020					2.020	2.020
OCPL							0.000	1.804						1.804	1.804
NLCIL		0.700					0.700							0.000	0.700
DPL		0.024					0.024							0.000	0.024
Public	364.160	130.052	11.330	2.076	110.619	1.724	619.961	2.262	20.481	0.000	0.043	3.197	15.203	41.186	661.147
TSL							0.000		0.091	5.759				5.850	5.850
CESC							0.000		1.964					1.964	1.964
HIL							0.000		0.317					0.317	0.317
SPL		18.068					18.068							0.000	18.068
GMR							0.000							0.000	0.000
BALCO							0.000		0.231					0.231	0.231
SIL							0.000	0.100						0.100	0.100
JPVL							0.000	2.801						2.801	2.801
RCCPL		0.173					0.173							0.000	0.173
TUML		0.010					0.010		0.103					0.103	0.113
AMBUJA							0.000		0.124					0.124	0.124
Private	0.000	18.251	0.000	0.000	0.000	0.000	18.251	2.901	2.830	5.759	0.000	0.000	0.000	11.490	29.741
Grand Total	364.160	148.303	11.330	2.076	110.619	1.724	638.212	5.163	23.311	5.759	0.043	3.197	15.203	52.676	690.888

Table 3.14: Company Wise Off-take of Raw Coal & Lignite to Different Priority Sectors during 2020-21

(Quantity of Million Tonnes)

Company	Power (Utility)	Power (Captive)	Steel	Cement	Fertilisers	Sponge Iron	Other basic-Metal (Aluminium etc)	Chemical	Pulp & Paper	Textiles & Rayons	Bricks	Other	Total Dispatch	Colliery Consumption	Total Off-take
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Coal															
ECL	36.268	0.193	0.303	0.090		0.354						4.654	41.862	0.176	42.038
BCCL	17.130		1.007		0.942							4.091	23.170	0.005	23.175
CCL	52.935	1.658	1.568	0.016	0.130	0.642						8.451	65.400		65.400
NCL	95.036	7.754		0.275	0.159							5.420	108.644		108.644
WCL	41.896	1.242		1.793	0.253			0.205	0.018			4.281	49.688	0.004	49.692
SECL	101.234	11.369	0.023	2.081	0.455	5.475						14.886	135.523	0.009	135.532
SECL(GP-IV/2&3)	1.567											1.674	3.241		3.241
SECL(GP-IV/1)												0.000	0.000		0.000
MCL	86.152	20.475		0.170	0.000	2.578	0.555					36.078	146.008	0.002	146.010
NEC	0.058	0.004		0.020								0.008	0.090		0.090
CIL	432.276	42.695	2.901	4.445	1.527	9.461	0.555	0.000	0.205	0.018	0.000	79.543	573.626	0.196	573.822
SCCL	40.893	2.368		2.009		0.063	0.128	0.197	0.840	0.066	0.001	1.948	48.513		48.513
JKML												0.012	0.012		0.012
DVC													0.000		0.000
IISCO			0.192										0.192		0.192
SAIL													0.000		0.000
JSMDC	0.045										0.024		0.069		0.069
RRVUNL	15.000												15.000		15.000
NTPC	10.939												10.939		10.939
WBPDC	6.588												6.588		6.588
CSPGCL	0.000	1.660											1.660		1.660
TSPGCL	2.020												2.020		2.020
OCPL	1.804												1.804		1.804
NILCL	0.700												0.700		0.700
DPL		0.024											0.024		0.024
Public	510.265	46.747	3.093	6.454	1.527	9.524	0.683	0.197	1.045	0.084	0.025	81.503	661.147	0.196	661.343
TSL			5.850										5.850	0.000	5.850
CESC		1.964											1.964		1.964
HIL		0.317											0.317		0.317
SPL	0.000	18.068											18.068		18.068
GMR		0.000											0.000		0.000
BALCO		0.231											0.231		0.231
SIL		0.055			0.045								0.100		0.100
JPVL		2.801											2.801		2.801
RCCPL				0.173									0.173		0.173
TUML		0.110			0.003								0.113	0.000	0.113
AMBUJA				0.124									0.124		0.124
Private	0.000	23.546	5.850	0.297	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	29.741	0.000	29.741
Grand Total	510.265	70.293	8.943	6.751	1.527	9.572	0.683	0.197	1.045	0.084	0.025	81.503	690.888	0.196	691.084
Lignite															
GIPCL		3.508											3.508		3.508
GMDCL	1.191	0.604	0.001	0.102				0.367	1.973	0.710	0.418	0.638	6.004		6.004
GHCL		0.036											0.036		0.036
NLCL	8.136	10.874	0.024	0.548				0.001	0.091		0.008	0.072	19.752		19.752
RSMML				0.161						0.038		0.631	0.830		0.830
VSLPPL	0.927	0.000											0.927		0.927
BLMCL		6.163											6.163		6.163
Total	10.254	21.185	0.025	0.811	0.000	0.000	0.000	0.368	2.064	0.748	0.426	1.341	37.220	0.000	37.220

Table 3.15: Availability and Off-take of Raw Coal by Companies during 2019-20 & 2020-21

(Quantity in Million Tonnes)

Company	2019-20							2020-21						
	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)
CIL	54.291	602.129	656.420	581.640	0.211	581.851	75.055	75.055	596.219	671.274	573.626	0.196	573.822	99.263
SCCL	1.609	64.044	65.653	62.465		62.465	3.188	3.188	50.580	53.768	48.513		48.513	5.239
JKML	0.003	0.014	0.017	0.010		0.010	0.007	0.007	0.012	0.019	0.012		0.012	0.007
JSMDCL	0.000	0.068	0.068	0.064		0.064	0.004	0.004	0.079	0.083	0.069		0.069	0.015
DVC	0.060	0.000	0.060	0.000		0.000	0.060	0.060		0.060			0.000	0.060
IISCO	0.004	0.534	0.538	0.534		0.534	0.004	0.004	0.191	0.195	0.192		0.192	0.003
SAIL	0.185	0.000	0.185	0.000		0.000	0.000	0.000		0.000			0.000	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	0.561	11.151	11.712	10.696		10.696	1.016	1.016	11.006	12.022	10.939		10.939	1.083
WBPDCL	0.063	2.112	2.175	1.927		1.927	0.250	0.250	6.258	6.508	6.588		6.588	0.874
CSPGCL	0.000	0.510	0.510	0.018		0.018	0.492	0.492	1.502	1.994	1.660		1.660	0.334
TSPGCL	0.002	1.659	1.661	1.657		1.657	0.004	0.004	2.023	2.027	2.020		2.020	0.008
OCPL	0.000	1.003	1.003	0.515		0.515	0.488	0.488	2.001	2.489	1.804		1.804	0.685
DPL			0.000			0.000			0.067	0.067	0.024		0.024	0.043
NLCIL			0.000			0.000			1.013	1.013	0.700		0.700	0.313
Public	56.778	698.224	755.002	674.526	0.211	674.737	80.568	80.568	685.951	766.519	661.147	0.196	661.343	107.927
TSL	0.009	6.210	6.219	6.206		6.206	0.012	0.012	5.853	5.865	5.850		5.850	0.016
SPL	0.264	18.700	18.964	18.783		18.783	0.181	0.181	18.570	18.751	18.068		18.068	0.683
CESC	0.148	1.958	2.106	1.887		1.887	0.219	0.219	2.079	2.298	1.964		1.964	0.334
HIL	0.319	0.729	1.048	0.909		0.909	0.141	0.141	0.308	0.449	0.317		0.317	0.132
GMR	0.000	0.000	0.000	0.000		0.000	0.000	0.000		0.000			0.000	0.000
BALCO	0.103	1.000	1.103	0.874		0.874	0.230	0.230	0.002	0.232	0.231		0.231	0.001
SIL	0.017	0.270	0.287	0.224		0.224	0.063	0.063	0.068	0.131	0.100		0.100	0.031
JPVL	0.001	2.800	2.801	2.800		2.800	0.001	0.001	2.800	2.801	2.801		2.801	0.001
RCCPL	0.001	0.182	0.183	0.182		0.182	0.001	0.001	0.172	0.173	0.173		0.173	0.000
TUML	0.000	0.286	0.286	0.284		0.284	0.002	0.002	0.112	0.114	0.113		0.113	0.001
OCL	0.000	0.115	0.115	0.115		0.115	0.000	0.000		0.000			0.000	0.000
AMBUJA	0.000	0.400	0.400	0.386		0.386	0.014	0.014	0.169	0.183	0.124		0.124	0.059
Private	0.862	32.650	33.512	32.650	0.000	32.650	0.864	0.864	30.133	30.997	29.741	0.000	29.741	1.258
All India	57.640	730.874	788.514	707.176	0.211	707.387	81.432	81.432	716.084	797.516	690.888	0.196	691.084	109.185



Pit-head Closing Stock

Table 4.1: Trend of Pit-head Closing Stock of Different Solid Fossil Fuels in Last Ten Years

(Quantity in Million Tonnes)

Year	Raw coal			Lignite			Total Solid Fossil Fuel	
	Pit-head Closing Stock	Share in Total Solid Fossil Fuel (%)	Change over Previous Year (%)	Pit-head Closing Stock	Share in Total Solid Fossil Fuel (%)	Change over Previous Year (%)	Pit-head Closing Stock	Change over Previous Year (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
2011-12	74.040	98.60	2.56	1.051	1.40	72.30	75.091	3.14
2012-13	63.049	97.69	-14.84	1.493	2.31	42.06	64.542	-14.05
2013-14	55.514	96.76	-11.95	1.860	3.24	24.58	57.374	-11.11
2014-15	59.389	94.92	6.98	3.176	5.08	70.75	62.565	9.05
2015-16	65.361	93.15	10.06	4.809	6.85	51.42	70.170	12.16
2016-17	76.889	91.78	17.64	6.883	8.22	43.13	83.772	19.38
2017-18	62.036	89.59	-19.32	7.210	10.41	4.75	69.246	-17.34
2018-19	57.640	91.04	-7.09	5.672	8.96	-21.33	63.312	-8.57
2019-20	81.432	93.68	41.28	5.495	6.32	-3.12	86.927	37.30
2020-21	109.185	95.71	34.08	4.891	4.29	-11.00	114.076	31.23

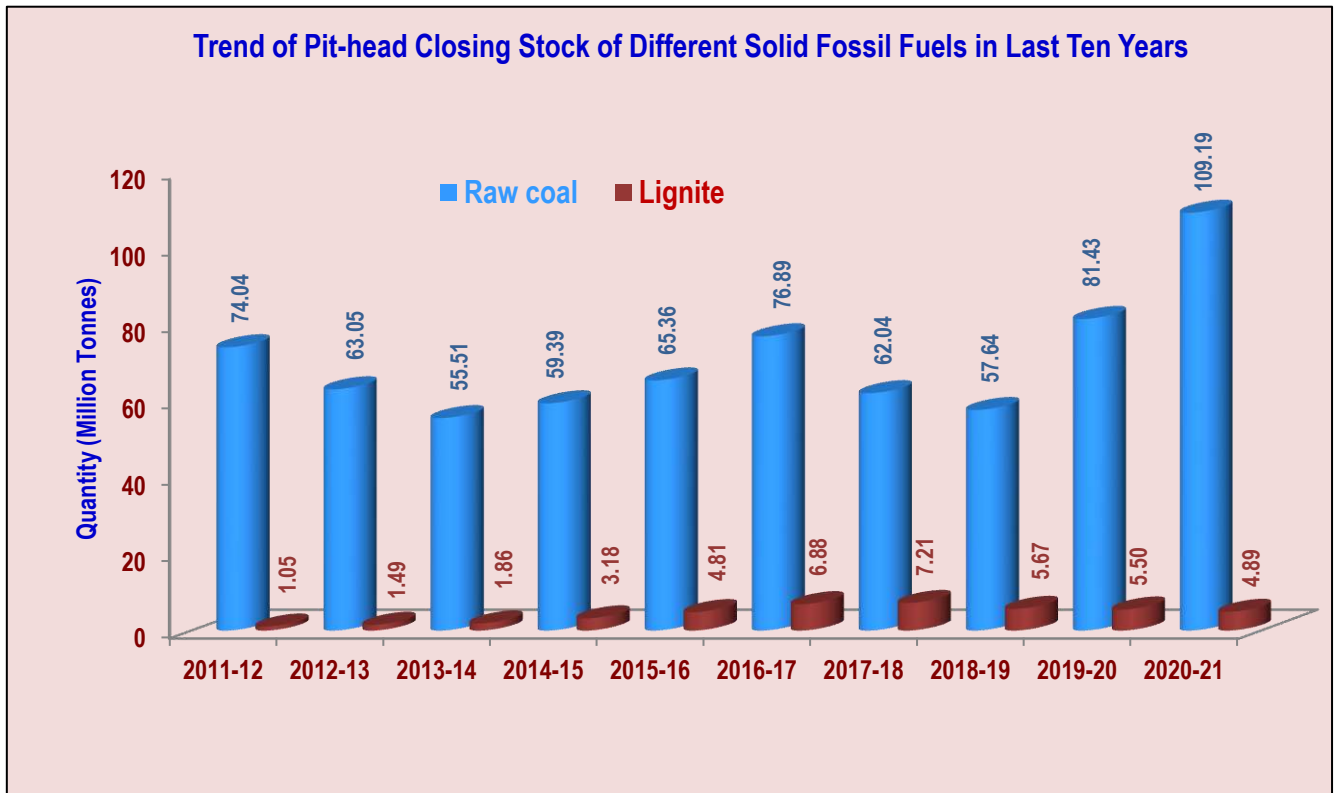


Table 4.2: Monthly Pit-head Closing Stock of Coal, Lignite & Coal Products in 2020-21**(Quantity in Million Tonnes)**

Month	Raw Coal	Lignite	Washed Coal (Coking)	Washed Coal (Non-Coking)	Middlings (Coking)	Middlings (Non-Coking)	Hard Coke (Only Coking)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Apr-20	83.280	4.520	0.124	0.224	0.457	0.000	0.058
May-20	85.017	4.271	0.137	0.212	0.573	0.000	0.033
Jun-20	82.785	4.045	0.117	0.086	0.624	0.000	0.033
1st Quarter	82.785	4.045	0.117	0.086	0.624	0.000	0.033
Jul-20	76.872	4.073	0.125	0.186	0.670	0.000	0.033
Aug-20	69.576	4.157	0.108	0.105	0.641	0.000	0.033
Sep-20	63.055	4.176	0.115	0.156	0.631	0.000	0.033
2nd Quarter	63.055	4.176	0.115	0.156	0.631	0.000	0.033
Oct-20	58.309	4.122	0.132	0.131	0.661	0.000	0.033
Nov-20	58.798	4.005	0.178	0.045	0.670	0.000	0.033
Dec-20	65.684	3.994	0.200	0.063	0.815	0.000	0.033
3rd Quarter	65.684	3.994	0.200	0.063	0.815	0.000	0.033
Jan-21	72.610	2.857	0.208	0.408	0.897	0.000	0.033
Feb-21	85.720	3.923	0.202	0.511	0.931	0.000	0.033
Mar-21	109.185	4.891	0.192	0.490	0.885	0.000	0.033
4th Quarter	109.185	4.891	0.192	0.490	0.885	0.000	0.033
Total	109.185	4.891	0.192	0.490	0.885	0.000	0.033

Table 4.3: Trend of Pit-head Closing Stock of Raw Coal and Lignite by Companies in Last Three Years
(Quantity in Million Tonnes)

Company	2018-19		2019-20		2020-21	
	Quantity	% of All India	Quantity	% of All India	Quantity	% of All India
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Coal						
ECL	2.249	3.90	3.336	4.10	6.302	5.77
BCCL	3.416	5.93	2.314	2.84	3.800	3.48
CCL	13.745	23.85	13.302	16.34	10.491	9.61
NCL	3.370	5.85	3.999	4.91	10.396	9.52
WCL	9.240	16.03	14.296	17.56	14.879	13.63
SECL	8.819	15.30	17.718	21.76	29.589	27.10
SECL(GP-IV/2&3)	0.387	0.67	0.157	0.19	0.118	0.11
SECL(GP-IV/1)	0.059	0.10	0.000	0.00		0.00
MCL	12.906	22.39	19.879	24.41	23.688	21.70
NEC	0.100	0.17	0.054	0.07		0.00
CIL	54.291	94.19	75.055	92.17	99.263	90.91
SCCL	1.609	2.79	3.188	3.91	5.239	4.80
JKML	0.003	0.01	0.007	0.01	0.007	0.01
JSMDCL	0.000	0.00	0.004	0.00	0.015	0.01
DVC	0.060	0.10	0.060	0.07	0.060	0.05
IISCO	0.004	0.01	0.004	0.00	0.003	0.00
SAIL	0.185	0.32		0.00		0.00
RRVUNL		0.00		0.00		0.00
NTPC	0.561	0.97	1.016	1.25	1.083	0.99
WBPDCL	0.063	0.11	0.250	0.31	0.874	0.80
TSPGCL	0.002	0.00	0.004	0.00	0.008	0.01
CSPGCL		0.00	0.492	0.60	0.334	0.31
OCPL		0.00	0.488	0.60	0.685	0.63
DPL		0.00		0.00	0.043	0.04
NLCIL		0.00		0.00	0.313	0.29
Public	56.778	98.50	80.568	98.94	107.927	98.85
TSL	0.009	0.02	0.012	0.01	0.016	0.01
HIL	0.319	0.55	0.141	0.17	0.132	0.12
SIL	0.017	0.03	0.063	0.08	0.031	0.03
SPL	0.264	0.46	0.181	0.22	0.683	0.63
GMR	0.000	0.00	0.000	0.00		0.00
BALCO	0.103	0.18	0.230	0.28	0.001	0.00
CESC	0.148	0.26	0.219	0.27	0.334	0.31
JPVL	0.001	0.00	0.001	0.00	0.001	0.00
RCCPL	0.001	0.00	0.001	0.00		0.00
TUML	0.000	0.00	0.002	0.00	0.001	0.00
OCL	0.000	0.00	0.000	0.00		0.00
AMBUJA	0.000	0.00	0.014	0.02	0.059	0.05
Private	0.862	1.50	0.864	1.06	1.258	1.15
All India	57.640	100.00	81.432	100.00	109.185	100.00
Lignite						
NLCL	5.319	93.78	5.059	92.07	4.570	93.44
GMDCL	0.000	0.00	0.000	0.00		0.00
GIPCL	0.000	0.00	0.000	0.00		0.00
GHCL	0.025	0.44	0.028	0.51	0.014	0.29
RSMML	0.000	0.00	0.000	0.00		0.00
VSLPPL	0.050	0.88	0.020	0.36	0.064	1.31
BLMCL	0.278	4.90	0.388	7.06	0.243	4.97
All India	5.672	100.00	5.495	100.00	4.891	100.00
Total Coal & Lignite	63.312		86.927		114.076	

Table 4.4: Captive Block Wise Closing Stock of Raw Coal during Last Three Years

(Quantity in Million Tonnes)

Block	Company	State	2018-19			2019-20			2020-21		
			Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal	Coking Coal	Non Coking Coal	Total Coal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Gare Palma IV/2 & 3	SECL	Chhattisgarh		0.387	0.387		0.157	0.157		0.118	0.118
Gare Palma IV/1	SECL	Chhattisgarh		0.059	0.059		0.000	0.000		0.000	0.000
Parsa East & Kanta Basan	RRUVNL	Chhattisgarh		0.000	0.000		0.000	0.000		0.000	0.000
Pakri Barwadih	NTPC	Jharkhand		0.561	0.561		0.194	0.194		0.626	0.626
Tasra	SAIL	Jharkhand		0.185	0.185		0.000	0.000		0.000	0.000
Barjora	WBPDCCL	West Bengal		0.063	0.063		0.000	0.000		0.104	0.104
Tadicherla	TSPGCL	Telangana		0.002	0.002		0.004	0.004		0.008	0.008
Manoharpur	OCPL	Odisha		0.002	0.002		0.488	0.488		0.685	0.685
Dulanga	NTPC	Odisha			0.000		0.632	0.632		0.356	0.356
Tallipalli	NTPC	Chhattisgarh			0.000		0.190	0.190		0.101	0.101
Talabira II & III	NLCL	Odisha			0.000			0.000		0.313	0.313
Barjora North	WBPDCCL	West Bengal			0.000			0.000		0.218	0.218
Pachwara North	WBPDCCL	West Bengal			0.000			0.000		0.022	0.022
Gangaramchak Bhadulia	WBPDCCL	West Bengal			0.000			0.000		0.530	0.530
Trans Damodar	DPL	West Bengal			0.000			0.000		0.043	0.043
GP/S-III	CSPGCL	Chhattisgarh			0.000		0.492	0.492		0.334	0.334
Total Public			0.000	1.259	1.259	0.000	2.157	2.157	0.000	3.458	3.458
Chotia II	BALCO	Chhattisgarh		0.103	0.103		0.230	0.230		0.001	0.001
Sarshatali	CESC	West Bengal		0.148	0.148		0.219	0.219		0.334	0.334
Talabira I	GMR	Odisha		0.000	0.000		0.000	0.000		0.00	0.000
Gare Palma IV/4	HIL	Chhattisgarh		0.039	0.039		0.058	0.058		0.027	0.027
Gare Palma IV/5	HIL	Chhattisgarh		0.009	0.009		0.001	0.001		0.001	0.001
Kauthia	HIL	Jharkhand		0.271	0.271		0.082	0.082		0.104	0.104
Amelia North	JPVL	Madhya Pradesh		0.001	0.001		0.001	0.001		0.001	0.001
Sial Ghogri	RCCPL	Madhya Pradesh		0.001	0.001		0.001	0.001		0.000	0.000
Belgaon	SIL	Maharashtra		0.017	0.017		0.063	0.063		0.031	0.031
Moher & Moher Amlhri Extn	SPL	Madhya Pradesh		0.264	0.264		0.181	0.181		0.683	0.683
Marki Mangli I	TUML	Maharashtra		0.000	0.000		0.002	0.002		0.001	0.001
Ardhagram	OCL	Odisha			0.000		0.000	0.000		0.000	0.000
Gare Palma IV/8	AMBUJA	Chhattisgarh			0.000		0.014	0.014		0.059	0.059
Total Private			0.000	0.853	0.853	0.000	0.852	0.852	0.000	1.242	1.242
Grand Total			0.000	2.112	2.112	0.000	3.009	3.009	0.000	4.700	4.700



Import & Export

Table 5.1: Year Wise Import of Coal and Coke to India during Last Ten Years**(Quantity in Million Tonnes & Value in Million Rs.)**

Year	Coking Coal		Non-Coking Coal		Total Coal		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2011-12	31.80101	424692.34	71.05162	363683.49	102.85263	788375.83	2.36469	47584.54		
2012-13	35.55697	378398.09	110.22847	490056.94	145.78545	868455.02	3.08065	56918.82	0.00065	10.22
2013-14	36.87214	348318.65	129.98489	574973.16	166.85702	923291.81	4.17053	67994.89	0.00127	23.73
2014-15	43.71529	337655.59	174.06751	707410.50	217.78280	1045066.09	3.29388	43806.15		17.03
2015-16	44.56117	282519.09	159.38809	577818.53	203.94926	860337.62	3.07163	32683.54	0.00105	14.83
2016-17	41.64379	412300.61	149.30926	590013.33	190.95305	1002313.94	4.34648	54019.35	0.01912	433.29
2017-18	47.00325	595226.36	161.24542	789543.41	208.24867	1384769.77	4.58478	91524.74	0.01041	116.50
2018-19	51.83768	720497.64	183.51033	988707.26	235.34801	1709204.90	4.93094	120644.85	0.01937	403.43
2019-20	51.83275	612668.32	196.70383	914652.23	248.53658	1527320.55	2.87455	60256.67	0.05425	1074.46
2020-21	51.28828	454354.82	163.70662	706017.21	214.99491	1160372.03	2.45729	44688.59	0.01886	409.24

Table 5.2: Year Wise Export of Coal and Coke from India during Last Ten Years**(Quantity in Million Tonnes & Value in Million Rs.)**

Year	Coking Coal		Non-Coking Coal		Total Coal		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
2011-12	0.09722	286.72	1.91748	5525.35	2.01470	5812.07	0.61336	11524.78		
2012-13	0.05621	302.18	2.38676	8349.02	2.44296	8651.19	1.20114	6017.15	0.06906	360.27
2013-14	0.00802	34.94	2.18006	10805.12	2.18808	10840.07	0.15385	1521.38	0.00194	61.13
2014-15	0.04249	413.03	1.19588	6784.24	1.23838	7197.27	0.10206	1140.32	0.00285	39.81
2015-16	0.06410	650.37	1.51109	8348.06	1.57519	8998.43	0.14860	1493.51	0.00051	8.73
2016-17	0.02665	114.53	1.74600	9554.72	1.77265	9669.25	0.08869	1063.43	0.00538	305.12
2017-18	0.06791	394.41	1.43575	8388.62	1.50365	8783.03	0.10725	1726.21	0.00441	292.56
2018-19	0.05978	911.89	1.24659	8587.98	1.30637	9499.87	0.02493	228.09	0.07894	2233.19
2019-20	0.00164	13.43	1.02813	5818.65	1.02977	5832.07	0.02200	224.42	0.09266	2480.98
2020-21	0.00320	23.09	0.79692	5298.59	0.80012	5321.68	0.06284	1230.43	0.14991	3862.43

Source: DGCI&S, Kolkata

Note: 1. Coke also includes soft coke and retort carbon, the amount of which is negligible.

2. Some figures may not match with DGCI&S publication due to subsequent corrections and roundings.

Table 5.3: Source Country Wise Import of Coal, Coke and Lignite to India during 2020-21**(Quantity in Million Tonnes & Value in Million Rs.)**

Country	Coking Coal		Non-Coking Coal		Total Coal		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Australia	37.03592	330966.12	17.91685	96819.95	54.95278	427786.07	0.02152	226.07		
Austria	0.07680	660.80	0.17791	796.87	0.25471	1457.67				
Baharain Is			0.00118	16.51	0.00118	16.51	0.00055	4.85		
Bangladesh Pr			0.02465	214.83	0.02465	214.83				
Belgium			0.00100	2.09	0.00100	2.09				
Canada	2.85008	26276.88	0.11327	939.38	2.96335	27216.26	0.00045	7.24		
Chile					0.00000	0.00	0.01136	196.03		
China P Rp			0.02549	753.14	0.02549	753.14	0.01501	371.42	0.01886	409.10
Colombia			2.35030	11691.79	2.35030	11691.79	0.51179	8257.62		
Cyprus			0.00126	15.30	0.00126	15.30				
Denmark					0.00000	0.00	0.00136	22.89		
Egypt A Rp					0.00000	0.00	0.00500	115.30		
Estonia					0.00000	0.00	0.00032	6.64		
Germany	0.10200	1297.39	0.00307	10.57	0.10507	1307.96	0.00040	7.86		
Ghana					0.00000	0.00				0.01
Hong Kong			0.00055	12.05	0.00055	12.05	0.00006	2.25		
Indonesia	1.39758	10258.50	91.13700	330906.99	92.53458	341165.48	0.13466	2874.20		
Iran					0.00000	0.00	0.00061	10.01		
Ireland					0.00000	0.00	0.00018	2.71		
Italy					0.00000	0.00	0.00003	0.95		
Japan					0.00000	0.00	0.39656	7423.31		
Kazakhstan			0.16256	806.59	0.16256	806.59				
Latvia			0.02980	260.82	0.02980	260.82	0.00347	71.45		
Lithuania					0.00000	0.00	0.00562	133.61		
Mozambique	1.66873	14253.59	1.90079	9175.35	3.56952	23428.94				
Netherland			0.06109	370.95	0.06109	370.95				
New Zealand	0.22451	1880.48	0.00164	29.44	0.22615	1909.93	0.00029	5.14		
Philippines			0.05000	167.09	0.05000	167.09				
Poland					0.00000	0.00	0.95664	18428.45		
Qatar					0.00000	0.00	0.00248	15.11		
Russia	1.32849	8932.85	5.42090	36626.42	6.74940	45559.27	0.11924	2234.74		
Saudi Arab			0.07365	314.44	0.07365	314.44				
Singapore	1.86032	16214.61	2.62558	12333.95	4.48590	28548.56	0.05188	764.79		
South Africa			31.14339	142954.61	31.14339	142954.61				
Spain			0.19026	1190.31	0.19026	1190.31	0.00010	3.23		
Switzerland	0.45996	4137.92	1.50823	7322.44	1.96819	11460.36	0.21214	3425.26		
U Arab Emts	0.38822	2998.37	0.43703	1949.11	0.82526	4947.48	0.00466	77.79		
U K	0.00079	24.14	0.01125	86.59	0.01203	110.73	0.00015	5.58		
U S A	3.89487	36453.16	8.30863	49781.40	12.20350	86234.56	0.00000	-17.05	0.00000	0.14
Venezuela					0.00000	0.00	0.00078	11.13		
Vietnam Soc Rep			0.02931	468.24	0.02931	468.24				
Unspecified					0.00000	0.00				
Total	51.28828	454354.82	163.70662	706017.21	214.99491	1160372.03	2.45729	44688.59	0.01886	409.24

Source: DGCI&S, Kolkata

Table 5.4: Destination Country Wise Export of Coal, Coke and Lignite from India during 2020-21
(Quantity in Million Tonnes & Value in Million Rs.)

Country	Coking Coal		Non-Coking Coal		Total Coal		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Angola			0.00000	0.02	0.00000	0.02				
Bangladesh Pr	0.00074	3.83	0.10363	539.72	0.10436	543.55	0.00663	91.72	0.00010	1.33
Bhutan			0.04649	456.67	0.04649	456.67	0.00271	65.25	0.06003	1455.21
Brazil									0.04050	970.42
Brunei									0.00002	0.51
Cameroon			0.00000	0.12	0.00000	0.12				
China P Rp			0.03050	210.81	0.03050	210.81				
Cote D' Ivoire							0.00000	0.10		
Finland				0.03		0.03				
Gabon							0.00000	0.09		
Germany			0.00000	0.24	0.00000	0.24				0.00
Greece			0.00002	0.55	0.00002	0.55				
Indonesia				0.00		0.00	0.01487	366.71	0.00003	5.31
Japan									0.00000	0.04
Jordan							0.00006	1.69	0.00023	6.42
Kenya			0.00000	0.10	0.00000	0.10				
Korea Rp							0.00274	76.56		
Liberia				0.02		0.02				
Malaysia			0.00002	0.34	0.00002	0.34			0.00006	1.69
Maldives			0.00000	0.02	0.00000	0.02				
Mauritius			0.00000	0.13	0.00000	0.13				
Myanmar			0.00030	2.52	0.00030	2.52				
Nepal	0.00246	19.26	0.61525	4069.62	0.61771	4088.88	0.01512	121.77	0.00008	0.59
Netherlandantil			0.00003	0.43	0.00003	0.43				
Oman			0.00005	1.34	0.00005	1.34			0.00572	133.39
Poland								0.00		
Qatar			0.00003	1.33	0.00003	1.33	0.00023	6.68	0.00046	13.43
Russia									0.00004	2.35
Saudi Arab			0.00022	5.12	0.00022	5.12	0.00008	1.89	0.00158	158.61
Singapore			0.00002	0.67	0.00002	0.67			0.00015	22.85
South Africa							0.00006	2.37	0.00003	1.18
Sri Lanka Dsr			0.00000	0.27	0.00000	0.27			0.00021	6.74
Sudan							0.00020	3.16		
Tanzania Rep							0.00004	1.77		
Thailand									0.00002	2.57
Turkey				0.00		0.00				
U Arab Emts			0.00035	8.15	0.00035	8.15	0.00003	0.27	0.00005	7.65
U S A				0.03		0.03	0.00008	3.08		0.00
Uganda			0.00000	0.29	0.00000	0.29				
Ukraine									0.00012	5.21
Vietnam Soc Rep			0.00000	0.05	0.00000	0.05	0.02000	487.34	0.04050	1066.94
Unspecified										
Total	0.00320	23.09	0.79692	5298.59	0.80012	5321.68	0.06284	1230.43	0.14991	3862.43

Source: DGCI&S, Kolkata

Provisional Coal Statistics 2020-21
Table 5.5: Port Wise Import of Coal, Coke & Lignite of India during 2020-21
 (Quantity in Million Tonnes & Value in Million Rs.)

Port	Coking Coal		Non-Coking Coal		Total Coal		Coke & Others Coal Products		Lignite	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Agartala			0.01702	150.03	0.01702	150.03				
Appiic Multi Prod Sez Vizag Dc			0.23400	924.39	0.23400	924.39	0.04709	788.61		
Bangalore Airport		0.15			0.00000	0.15		0.03		
Bedi Sea	0.04700	458.31	0.23450	975.24	0.28150	1433.55				
Bhavnagar			1.41682	5036.22	1.41682	5036.22				
Chennai Air			0.00000	0.02	0.00000	0.02				
Chennai Sea	0.00058	17.55	0.00997	286.40	0.01055	303.95	0.00293	83.05	0.00993	163.86
Cochin Sea			0.00018	6.58	0.00018	6.58				
Concor Icd Naya Raipur			0.00031	8.78	0.00031	8.78				
Concor Icd/Mmp Khapri Nagpur			0.00218	71.62	0.00218	71.62				
Dehej Sea			4.69082	17226.70	4.69082	17226.70				
Delhi (Icd)					0.00000	0.00	0.00239	71.08		
Delhi Air			0.00001	0.82	0.00001	0.82		0.23		
Dhahanu Sea			0.41135	1695.58	0.41135	1695.58				
Dhamra(Chandbali)	8.27320	73803.69	6.99502	40236.70	15.26822	114040.39				
Dharmatar Sea			2.56913	9749.42	2.56913	9749.42				
Ennore Sea	0.85935	7696.99	5.70395	21392.52	6.56330	29089.51			0.00132	21.19
Gangavaram Port	4.48199	38293.81	13.04593	60506.56	17.52793	98800.37				
Gopalpur Port	0.24331	1651.00	0.48350	2201.80	0.72680	3852.80	0.03257	579.99		
Hazira Port, Surat			5.50349	17166.69	5.50349	17166.69				
Htpl Kilaraipur Icd			0.00022	5.03	0.00022	5.03				
Hyderabad Airport	0.00000	0.08	0.00000	0.01	0.00000	0.08				
Icd Bhusawal					0.00000	0.00	0.00136	23.42		
Icd Chowpayal			0.00010	1.62	0.00010	1.62				
Icd Concor Jharsuguda			0.00025	2.93	0.00025	2.93				
Icd Dhandari Kalan, Pswc			0.00016	4.43	0.00016	4.43				
Icd Durgapur, Wb			0.00028	3.28	0.00028	3.28	0.00081	12.79		
Icd Jaipur			0.00748	89.18	0.00748	89.18				
Icd Ludhiana			0.00009	2.35	0.00009	2.35				
Icd Rewari					0.00000	0.00	0.00003	0.63		
Icd Sahnewal, Grfl			0.00049	11.09	0.00049	11.09				
Icd Tuticorin			0.00006	2.33	0.00006	2.33				
Jabilant Infra Ltd Kandla			0.00300	8.26	0.00300	8.26				
Jaigad	4.06617	35784.51	3.66164	17588.56	7.72781	53373.08				
Jakhav			0.52727	2403.35	0.52727	2403.35				
Kakinada Sea	0.27671	2069.42	0.83323	3314.17	1.10994	5383.58				
Kandla Sea	0.84221	7729.24	15.13140	69024.95	15.97361	76754.20	0.00514	118.33		
Karikal	0.38677	3303.02	3.88576	15554.25	4.27253	18857.28				
Kattupalli Port/ Tiruvallur					0.00000	0.00			0.00051	7.38
Kodinar Sea			0.38124	1703.58	0.38124	1703.58				
Kolkata Air		0.34	0.00011	1.13	0.00011	1.47		0.00		
Kolkata Sea	7.06796	63794.89	5.46479	28101.81	12.53275	91896.70	0.37697	6407.66	0.00273	44.17
Krishnapatnam	3.29359	26367.89	15.02967	60014.34	18.32326	86382.23	0.12064	2280.19		
Lcs Mahurighat			0.00589	50.51	0.00589	50.51				
Magdalla Port Sea			6.52590	28239.48	6.52590	28239.48	1.07029	20318.99		
Marmagoa Sea	5.83726	50753.24	3.10374	17389.28	8.94100	68142.52				
Mumbai Air	0.00001	0.36	0.00007	1.86	0.00008	2.21		0.09		0.01
Mumbai Sea			1.70459	7896.94	1.70459	7896.94				
Mundra	0.54890	5515.92	15.94719	72192.50	16.49608	77708.42	0.00063	10.35		
Navlakhi			7.23729	22792.27	7.23729	22792.27				
Newmangalore Sea	0.03992	409.02	3.08594	14137.02	3.12586	14546.04	0.15308	3253.00		
Nhava Sheva Sea			0.00424	134.85	0.00424	134.85	0.00909	164.61	0.00068	5.74
Okha	0.10697	928.58	0.77348	3536.00	0.88045	4464.58				
Paradip Sea	9.51412	86167.21	7.57538	41329.15	17.08950	127496.37	0.09633	1676.08		
Parri Infra Co Pvt Ltd			0.09000	224.36	0.09000	224.36				
Pipavab(Vicyor)	0.05077	476.80	1.02226	4734.43	1.07303	5211.23	0.09612	1536.02		
Porbandar			0.51581	2204.02	0.51581	2204.02				
Ranpar			0.11159	341.47	0.11159	341.47				
Revdanda			0.53432	2181.63	0.53432	2181.63				
Salaya			3.84291	13322.20	3.84291	13322.20				
Saraf Agencies Pvt Ltd			0.00330	45.86	0.00330	45.86				
Sez Dahej			0.00500	12.98	0.00500	12.98	0.00005	1.68		
Sez Jamnagar (Reliance)			0.29895	1198.02	0.29895	1198.02				
Sez Mundra			13.99543	57680.60	13.99543	57680.60				
Srimantapur			0.00174	15.35	0.00174	15.35				
Tuticorin Sea			5.25541	17496.31	5.25541	17496.31	0.00193	131.13	0.00225	141.86
Visakhapatnam Sea	5.35149	49132.79	5.82085	23387.37	11.17234	72520.17	0.43988	7230.64	0.00143	25.04
Unspecified					0.00000	0.00				
Total	51.28828	454354.82	163.70662	706017.21	214.99491	1160372.03	2.45729	44688.59	0.01886	409.24

Source: DGCI&S, Kolkata

Table 5.6: Port Wise Export of Coal, Coke & Lignite from India during 2020-21**(Quantity in Million Tonnes & Value in Million Rs.)**

Port	Coking Coal		Non-Coking Coal		Total Coal		Coke & Coal Products		Lignite	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Ahmedabad Air Cargo Complex					0.00000	0.00				0.01
Barhni	0.00133	9.86	0.07978	562.34	0.08111	572.20	0.00013	0.69		
Borsorah	0.00048	2.45	0.06464	330.10	0.06512	332.55				
Cfs Nashik					0.00000	0.00	0.00001	0.19		
Chasuapara	0.00002	0.10	0.03275	172.33	0.03277	172.42				
Chennai Air					0.00000	0.00				0.00
Chennai Sea			0.00002	0.45	0.00002	0.45				0.00
Concor Icd/Mmlp Khapri Nagpur					0.00000	0.00			0.00006	1.71
Darranga (Rangia)					0.00000	0.00	0.00071	16.20	0.01037	247.82
Delhi (Icd)				0.03	0.00000	0.03				
Delhi Air				0.03	0.00000	0.03		0.00		
Dhamra(Chandbali)					0.00000	0.00			0.04050	964.98
Golokgans Rly.Stn			0.00266	14.08	0.00266	14.08				
Gouriphanta			0.00523	67.77	0.00523	67.77				
Hatisar (Deosiri)			0.00067	7.82	0.00067	7.82				
Hazira Port, Surat			0.00043	5.55	0.00043	5.55				
Icd Ludhiana				0.02	0.00000	0.02				
Icd Pakwara Moradabad/Meerut			0.00000	0.11	0.00000	0.11				
Icd Patli			0.00000	0.02	0.00000	0.02				
Icd Sabarmati					0.00000	0.00				0.00
Icd Vadodara/Baroda			0.00000	0.13	0.00000	0.13				
Jaigaon			0.00000	0.00	0.00000	0.00	0.00200	48.79	0.04968	1219.60
Jogbani			0.00013	0.37	0.00013	0.37	0.00098	9.64		
Joynagar				0.00	0.00000	0.00				
Kandla Sea					0.00000	0.00	0.01480	363.31	0.00003	0.74
Kolkata Air			0.00000	0.24	0.00000	0.24				
Kolkata Sea			0.00006	1.62	0.00006	1.62	0.00036	7.68	0.00903	217.93
Krishnapatnam			0.03050	208.91	0.03050	208.91				
L C S Khunwa			0.01729	139.85	0.01729	139.85				
Lcs Birpara Alipurduar			0.00002	0.24	0.00002	0.24				
Lcs Kamardwisa			0.04580	448.68	0.04580	448.68				
Marmagoa Sea					0.00000	0.00	0.02000	487.30		
Mumbai Air				0.00	0.00000	0.00				
Mundra			0.00050	11.04	0.00050	11.04	0.00346	94.93	0.00290	252.71
Nautanwa (Sonauli)	0.00084	7.06	0.29636	1972.27	0.29720	1979.32	0.00081	5.69		
Nepalganj	0.00029	2.32	0.19957	1200.67	0.19986	1202.99	0.00091	9.57	0.00002	0.07
Nhava Sheva Sea			0.00005	2.50	0.00005	2.50	0.00006	2.03	0.00018	8.19
Panitanki			0.00000	0.01	0.00000	0.01	0.00798	63.08	0.00005	0.54
Paradip Sea					0.00000	0.00			0.03150	843.70
Petrapole Land	0.00024	1.31	0.00283	17.03	0.00307	18.34	0.00633	87.50	0.00010	1.34
Raxaul Land			0.00003	0.14	0.00003	0.14	0.00431	33.84		
Sutarkandi			0.00075	3.77	0.00075	3.77				
Tikunia			0.00141	11.24	0.00141	11.24				
Toothibari, Maharajganj			0.01545	119.24	0.01545	119.24				
Visakhapatnam Sea					0.00000	0.00			0.00550	103.10
Unspecified					0.00000	0.00				
Total	0.00320	23.09	0.79692	5298.59	0.80012	5321.68	0.06284	1230.43	0.14991	3862.43

Source: DGCI&S, Kolkata



Captive & Commercial Blocks

Table 6.1: Summary of Allocation of Coal Blocks that Stand Allocated/ Vested under CM(SP) Act and MMDR Act & Lignite Blocks that Stand Allocated upto 2020-21 (Except CIL as Custodian)

Sector	End-use	No. of Blocks	Geological/Extractable Reserves (Quantity in Million Tonnes)
(1)	(2)	(3)	(4)
Coal Blocks			
Public Sector Undertakings	Power	57	14652.23
	Commercial Mining	18	4337.99
	NRS	3	423.25
	UMPP	2	575.00
	Total	80	19988.47
Private Companies	Power	5	289.44
	Commercial Mining	18	1724.38
	NRS	23	757.67
	Total	46	2771.49
All India	Power	62	14941.67
	Commercial Mining	36	6062.37
	UMPP	2	575.00
	NRS	26	1180.92
	Total	126	22759.96
Lignite Blocks			
State PSU	Power	11	1093.94
	Commercial	10	408.93
	Subtotal	21	1502.87
Private	Power	1	44.66
	Commercial	1	7.80
	Subtotal	2	52.46
All India	Power	12	1138.60
	Commercial	11	416.73
	Grand Total	23	1555.33

Note: Geological Reserve/Extractable Reserve quantities as available with this office.

Table 6.2: Year Wise and Sector Wise Allotment of Captive Coal Blocks that Stand Allocated/Vested including Blocks Allotted under MMDR Act upto 2020-21 (Except CIL as Custodian)**(GR in Million Tonnes)**

Year of Allotment	Power		Ultra Mega Power Project		NRS		Govt. Commercial		Pvt. Commercial		Total	
	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1996					1	251.88					1	251.88
1998											0	0.00
2004	1	1436.00									1	1436.00
2006			2	575.00							2	575.00
2007			0	0.00							0	0.00
2008			0	0.00							0	0.00
2009			0	0.00							0	0.00
2010			0	0.00							0	0.00
2015	47	8827.13			17	332.13	0	0.00			64	9159.26
2016	8	1468.15			3	190.30	8	1540.09			19	3198.54
2017	1	393.60									1	393.60
2018	1	2102.00					0	0.00			1	2102.00
2019	0	0.00					7	2731.30			7	2731.30
2020	4	714.79	0		5	406.61	2	55.97			11	1177.37
2021	0	0.00	0	0.00	0	0.00	1	10.63	18	1724.38	19	1735.01
Total	62	14941.67	2	575.00	26	1180.92	18	4337.99	18	1724.38	126	22759.96

Note: 1. Geological Reserve/Extractable Reserve quantities as available with this office.

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

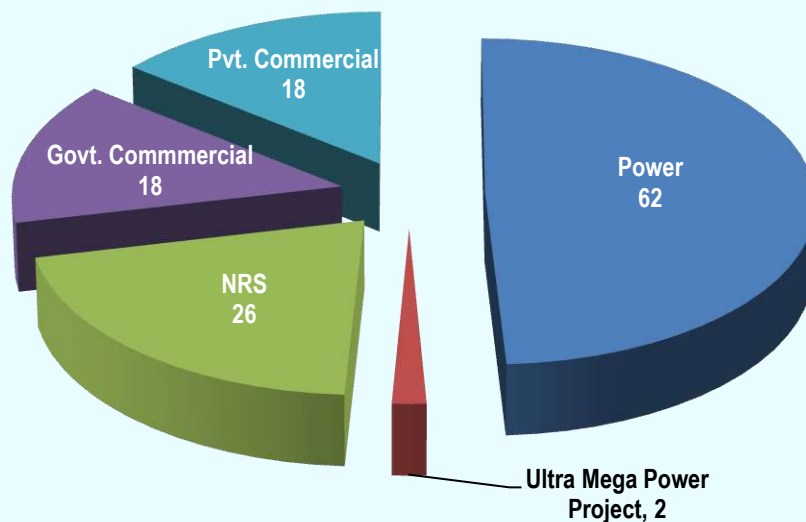
Sector Wise Number Allotment of Captive Coal Blocks upto 2020-21

Table 6.3: State Wise and Sector Wise Allotment of Captive Coal Blocks that Stand Allocated/Vested including Blocks Allotted under MMDR Act upto 2020-21 (Except CIL as Custodian)**(GR in Million Tonnes)**

State	Power		Ultra Mega Power Project		NRS		Govt. Commercial		Pvt. Commercial		Total	
	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves	Coal Blocks (No.)	Geological/Extractable Reserves
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Chhattisgarh	14	3640.59	0		5	165.98	2	296.32	2	182.98	23	4285.87
Jharkhand	15	5121.17	0	0.00	8	399.01	9	1618.90	4	875.07	36	8014.15
Madhya Pradesh	3	663.88	2	575.00	4	92.78	1	141.00	8	184.79	18	1657.45
Maharashtra	7	290.35	0	0.00	4	31.12	0	0.00	2	51.54	13	373.01
Orissa	11	2749.04	0	0.00	3	304.10	3	1702.90	2	430.00	19	5186.04
Telangana	1	45.36	0	0.00	0	0.00	1	110.87	0	0.00	2	156.23
West Bengal	11	2431.28	0	0.00	2	187.93	2	468.00	0	0.00	15	3087.21
Total	62	14941.67	2	575.00	26	1180.92	18	4337.99	18	1724.38	126	22759.96

Note: Geological Reserve/Extractable Reserve quantities as available with this office.

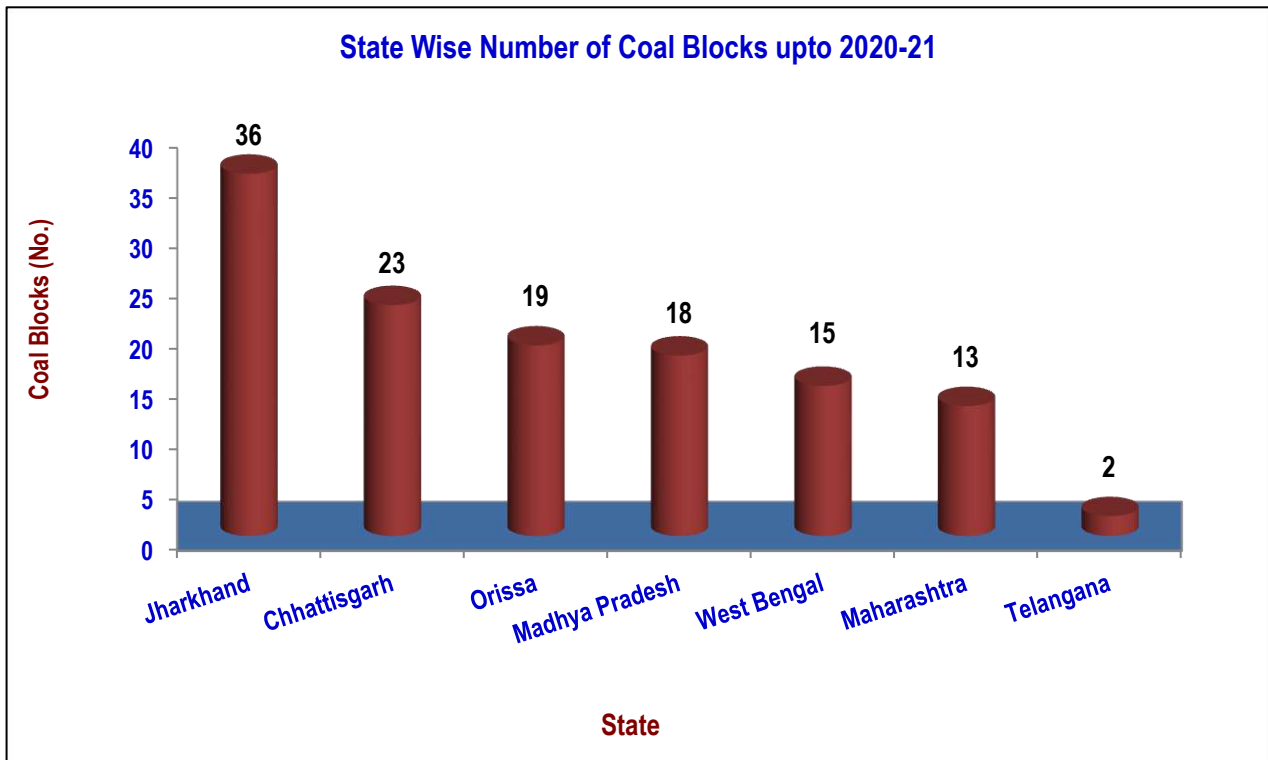


Table 6.4: Coal Production from Captive Blocks Since 1997-98, Projection for XIIth Five Year Plan and CCO Estimates

Year	Target / Achievement	Power		Iron & Steel		Govt. Comm		Private Comm & Cements		Total	
		No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1997-98	Achievement	2	0.71							2	0.71
1998-99		2	1.79	1	0.04					3	1.83
1999-00		2	2.17	1	0.78					3	2.95
2000-01		2	2.41	1	1.42					3	3.83
2001-02		2	2.91	1	1.55					3	4.46
2002-03		3	3.40	1	2.12					4	5.52
2003-04		4	5.36	1	2.47					5	7.83
2004-05		4	6.92	2	3.09			2	0.10	8	10.11
2005-06		5	7.58	2	5.76			2	0.28	9	13.62
2006-07		5	10.07	4	7.32			2	0.22	11	17.61
XIth Five Year Plan											
2007-08	Target 1	13	13.90	4	8.05	1	0.20	2	0.33	20	22.48
	Achievement	7	12.83	5	8.01	1	0.08	2	0.33	15	21.25
2008-09	Target 1	20	22.53	14	11.21	3	1.65	3	0.33	40	35.72
	Achievement	14	21.25	8	8.39	1	0.14	2	0.24	25	30.01
2009-10	Target 1	30	24.90	37	19.04	6	2.85	2	0.30	75	47.09
	Achievement	14	25.74	11	9.48	1	0.25			26	35.46
2010-11	Target 1	33	35.80	41	31.20	8	5.70	2	0.30	84	73.00
	Target 2	15	25.50	9	9.64	1	0.20	2	0.30	27	35.64
	Achievement	15	24.36	10	9.27	1	0.30	2	0.30	28	34.22
2011-12	Target 1	42	54.28	41	41.30	8	8.20	2	0.30	93	104.08
	Target 2	18	27.30	16	10.35	2	0.30	2	0.30	38	38.25
	Achievement	15	25.82	11	9.83	1	0.22	2	0.30	29	36.17
XIIth Five Year Plan											
2012-13	Target	17	26.80	17	11.10	3	1.00	2		39	38.90
	Achievement	19	25.59	13	10.72	2	0.42	2	0.30	36	37.04
2013-14	Target	20	28.25	21	12.16	4	0.57	3	0.30	48	41.28
	Achievement	22	26.81	13	11.64	3	0.73	2	0.30	40	39.49
2014-15	Target	25	37.87	14	12.69	3	1.01	4	0.30	46	51.87
	Achievement	22	37.93	13	11.95	3	2.54	2	0.30	40	52.72

Coal Production from Captive Blocks during 2015-16 to 2020-21 and Production Projection as per Mine Plan

Year	Target / Achievement	Power		NRS		Govt. Comm		Total	
		No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)	No. of Coal Blocks	Production (Mill. Tonnes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2015-16	Target	6	22.70	5	3.27	2	2.00	13	27.97
	Achievement	6	25.67	4	3.15	2	2.28	12	31.10
2016-17	Target	12	33.50	11	7.60	2	5.00	25	46.10
	Achievement	7	27.38	6	5.16	2	4.90	15	37.43
2017-18	Target	8	43.54	9	7.80	3	12.25	20	63.59
	Achievement	7	31.16	7	5.72	3	4.42	17	41.30
2018-19	Target	11	50.35	9	5.20	3	11.25	23	66.80
	Achievement	11	45.63	11	4.28	3	4.95	25	54.85
2019-20	Target	17	52.88	10	5.83	3	17.00	30	75.71
	Achievement	16	54.89	10	2.98	3	3.42	29	61.30
2020-21	Target	21	82.54	10	9.99	3	11.25	34	103.78
	Achievement	21	62.31	10	0.83	3	3.20	34	66.35

Table 6.5: Lignite Blocks that Stand Allocated upto 2020-21

Sl. No.	State (Block)	Date of Allocation	Name of Block	Name of Allocattee	No. 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	Gujarat	05.12.2001	Tadkeswar	GMDC	1	Pub	40.00	Commercial	Producing
3	Gujarat	30.04.2003	Mata na Madh	GMDC	1	Pub	34.00	Commercial	Producing
4	Gujarat	21.07.1973	Panandhro	GMDC	1	Pub	98.00	Commercial	Producing
5	Gujarat	05.12.2001	Rajparddi /G-19 Extn (Amod)	GMDC	2	Pub	21.00	Commercial	Producing
6	Gujarat	09.03.2000	Mongrol Valia	GIPCL	1	Pub	341.74	Power	Producing
7	Gujarat	06.09.2005	Khadsaliya-II	GPCL	1	Pub	22.50	Power	Non-producing
8	Gujarat	06.09.2005	Surka III	GPCL	1	Pub	NA	Power	Non-producing
9	Gujarat	05.12.2001	Surkha (North), Bhavnagar	GMDC	1	Pub	69.63	Commercial	Producing
10	Gujarat	23.09.2009	Umarsar	GMDC	1	Pub	27.50	Commercial	Producing
11	Gujarat	15.12.1995	Vastan	GIPCL	1	Pub	39.99	Power	Producing
12	Gujarat	22.09.1995	Ghogra-Surka	GPCL	1	Pub	60.68	Power	Non-producing
	Gujarat		Total		13		762.840		
1	Rajasthan	02.11.1994	Giral	RSSML	1	Pub	101.90	Commercial	Producing
2	Rajasthan	25.08.2001	Matasukh	RSMML	1	Pub	16.90	Commercial	Producing
3	Rajasthan	25.08.2001	Kasnau Igija	RSMML	1	Pub		Commercial	Producing
4	Rajasthan	06.09.2004	Soneri	RSMML	1	Pub	42.56	Power	Non-producing
5	Rajasthan	01.07.2005	Gurha(W)	RSMML	1	Pub	37.50	Power	Non-producing
6	Rajasthan	01.07.2005	Gurha(E)	V.S Lig	1	Pvt	44.66	Power	Producing
7	Rajasthan	13.11.2006	Kapurdi	RRVPL	1	Pub	91.99	Power	Producing
8	Rajasthan	13.11.2006	Jalpa	RSMML	1	Pub	316.28	Power	Non-producing
9	Rajasthan	13.11.2006	Shivkar-Kurla	RSMML	1	Pub	112.00	Power	Non-producing
10	Rajasthan	13.11.2006	Sachcha Sauda	RSMML	1	Pub	28.70	Power	Non-producing
	Rajasthan		Total		10		792.490		
Grand Total					23		1555.330		

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

Provisional Coal Statistics 2020-21

Table 6.6: State Wise List of Captive & Commercial Coal Blocks that Stand Vested/Allocated upto 2020-21 (Except CIL as Custodian)

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserves (Million Tonnes)	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	450.97	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	134.09	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	861.25	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		
Total Chhattisgarh Power		14	3640.59								
15	Chotia	1	CH	18.49	23.03.2015	Vested	Bharat Aluminium Company Ltd	PVT	NRS		
16	Gare Palma IV-4	1	CH	12.30	23.03.2015	Vested	Hindalco Industries Limited	PVT	NRS		
17	Gare Palma IV-5	1	CH	42.43	23.03.2015	Vested	Hindalco Industries Limited	PVT	NRS		
18	Bhaskarpara	1	CH	46.91	10.02.2020	Vested	Prakash Industries Limited	PVT	NRS		
19	Gare-Palma Sector-IV/8	1	CH	45.85	22.04.2015	Vested	Ambuja Cements Limited	PVT	NRS		
Total Chhattisgarh NRS		5	165.98								
20	Madanpur South	1	CH	183.38	29.09.2016	Allotted	Andhrapradesh Mineral Development Corp Ltd	PSU(S)	Commercial		
21	Gare Palma IV-7	1	CH	52.98	08.03.2021	Vested	Sarda Energy and Minerals Limited	PVT	Commercial		
22	Gare Palma IV-1	1	CH	130.00	2021	Vested	Jindal Power Limited	PVT	Commercial		
23	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		
Total Chhattisgarh Commercial		4	479.30								
24	Pachhwara Central	1	JH	239.75	31.03.2015	Allotted	Punjab State Power Corp Ltd	PSU(S)	Power		
25	Pachhwara North	1	JH	392.75	31.03.2015	Allotted	West Bengal Power Development Corporation Limited	PSU(S)	Power		
26	Badam	1	JH	90.50	31.08.2015	Allotted	Bihar State Power Generation Co Ltd	PSU(S)			
27	Banhardih	1	JH	553.00	30.06.2015	Allotted	Jharkhand Urja Utpadan Nigam Ltd	PSU(S)	Power		
28-29	Chatti Bariatu, Chatti Bariatu South	2	JH	390.96	08.09.2015	Allotted	NTPC Ltd	PSU(C)	Power		
30	Kerandari	1	JH	142.01	08.09.2015	Allotted	NTPC Ltd	PSU(C)	Power		
31	Rajbar D & E	1	JH	526.05	30.06.2015	Allotted	Tenughat Vidyut Nigam Ltd	PSU(S)	Power		
32	Saharpur Jamarpani	1	JH	524.00	13.08.2015	Allotted	UP Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power		
33	Ganeshpur	1	JH	91.80	22.04.2015	Vested	GMR Chhattisgarh Energy Limited	PVT	Power		
34	Jitpur	1	JH	65.54	22.04.2015	Vested	Adani Power Limited	PVT	Power		
35	Kalyanpur-Badalpara	1	JH	200.00	24.02.2016	Allotted	Haryana Powe Generation Corp Ltd	PSU(S)	Power		
36	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		
37	Tubed	1	JH	189.82	07.10.2016	Allotted	Damodar Valley Corporation	PSU(S)	Power		
38	Pakri Barwadi	1	JH	1436.00	11.10.2004	Allotted	NTPC	PSU(C)	Power		
Total Jharkhand Power		15	5121.17								

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Provisional Coal Statistics 2020-21

Table 6.6: State Wise List of Captive & Commercial Coal Blocks that Stand Vested/Allocated upto 2020-21 (Except CIL as Custodian)

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserves (Million Tonnes)	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)		
39	Tokisud North	1	JH	51.97	22.09.2020	Allotted	NMDC Limited	PSU(C)	Commercial		
40	Patal East	1	JH	200.00	29.09.2016	Allotted	Jharhand State Mineral Development Corp Ltd	PSU(S)	Commercial		
41-42	Kotre Basantpur & Pachmo	2	JH	251.30	21.11.2019	Allotted	Central Coalfields Ltd	PSU(C)	Commercial		
43	Sugia Closed Mine	1	JH	4.00	22.09.2020	Allotted	Jharhand State Mineral Development Corp Ltd	PSU(S)	Commercial		
44	Rohne	1	JH	241.00	16.12.2019	Allotted	NMDC Limited	PSU(C)	Commercial		
45	Rabodh	1	JH	450.00	16.12.2019	Allotted	Rashtriya Ispat Nigam Limited	PSU(C)	Commercial		
46	Brahmadiha	1	JH	10.63	02.03.2021	Vested	Andhra Pradesh Mineral Development Corp Ltd	PSU(S)	Commercial		
47	Chakla	1	JH	83.10	03.03.2021	Vested	Hindalco Industries Limited	PVT	Commercial		
48	Gondulpara	1	JH	74.88	08.03.2021	Vested	Adani Enterprises Limited	PVT	Commercial		
49	Rajhara North (Central & Eastern)	1	JH	17.09	03.03.2021	Vested	Fairmine Carbons Private Limited	PVT	Commercial		
50	Urma Paharitola	1	JH	700.00	03.03.2021	Vested	Aurobindo Reality and Infrastructure Private Limited	PVT	Commercial		
51	Amarkonda Murgadangal	1	JH	410.00	24.01.2019	Allotted	Eastern Coalfields Limited	PSU(C)	Commercial		
Total Jharkhand Commercial		13	2493.97								
52	Kathautia	1	JH	23.96	23.03.2015	Vested	Hindalco Industries Limited	PVT	NRS		
53-54	Brinda and Sasai	2	JH	25.40	22.04.2015	Vested	Usha Martin Limited (Tata Spong Iron Ltd from 04.04.2019)	PVT	NRS		
55	Dumri	1	JH	46.14	22.04.2015	Vested	Hindalco Industries Limited	PVT	NRS		
56	Lohari	1	JH	9.05	22.04.2015	Vested	Araanya Mines Private Limited	PVT	NRS		
57	Meral	1	JH	12.67	22.04.2015	Vested	Trimula Industries Limited	PVT	NRS		
58	Moitra	1	JH	29.91	22.04.2015	Vested	JSW Steel Limited	PVT	NRS		
59	Tasra	1	JH	251.88	26.02.1996	Allotted	SAIL	PSU(C)	NRS		
Total Jharkhand NRS		8	399.01								
60	Amelia	1	MP	393.60	17.01.2017	Allotted	THDC India Limited (JV of Govt. of India & Govt. of U.P.)	PSU(C)	Power		
61	Amelia (North)	1	MP	70.28	23.03.2015	Vested	Jaiprakash Power Ventures Ltd.	PVT	Power		
62	Gondbahera Ujjeni	1	MP	200.00	31.03.2015	Allotted	Madhya Pradesh Power Generating Co Ltd	PSU(S)	Power		
63-64	Moher, Moher-Amlori Extn.	2	MP	575.00	13.09.2006	Allotted	Power Finance Corporation	PSU(C)	UMPP		
Total Madhya Pradesh Power		5	1238.88								
65	Sial Ghogri	1	MP	5.69	23.03.2015	Vested	Reliance Cement Company Pvt. Ltd.	PVT	NRS		
66	Bicharpur	1	MP	29.12	23.03.2015	Vested	UltraTech Cement Ltd.	PVT	NRS		
67	Bikram	1	MP	20.97	10.02.2020	Vested	Birla Corporation Limited	PVT	NRS		
68	Brahampuri	1	MP	37.00	10.02.2020	Vested	Birla Corporation Limited	PVT	NRS		
Total Madhya Pradesh NRS		4	92.78								
69	Suliyari	1	MP	141.00	29.09.2016	Allotted	The Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial		
70-71	Gotitoria (East) & Gotitoria (West)	2	MP	9.34	2021	Vested	Boulder Stone Mart Private Limited	PVT	Commercial		
72	Sahapur West	1	MP	42.00	03.03.2021	Vested	Sarda Energy and Minerals Limited	PVT	Commercial		
73	Sahapur East	1	MP	63.63	03.03.2021	Vested	Chowgule and Company Private Limited	PVT	Commercial		
74	Urtan North	1	MP	69.82	03.03.2021	Vested	JMS Mining Private Limited	PVT	Commercial		
75	Bandha	1	MP		03.03.2021	Allotted	EMIL Mines and Mineral Resources Limited	PVT	Commercial		
76	Dhirauli	1	MP		03.03.2021	Allotted	Startech Mineral Resources Pvt. Ltd.	PVT	Commercial		
77	Urtan	1	MP		03.03.2021	Allotted	JMS Mining Private Limited	PVT	Commercial		
Total Madhya Pradesh Commercial		9	325.79								

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Provisional Coal Statistics 2020-21

Table 6.6: State Wise List of Captive & Commercial Coal Blocks that Stand Vested/Allocated upto 2020-21 (Except CIL as Custodian)

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserves (Million Tonnes)	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)
78-83	Baranj – I, II, III, IV, Kiloni & Manora Deep	6	MH	90.35	31.03.2015	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
84	Mahajanwadi	1	MH	200.00	24.02.2016	Allotted	Maharashtra State Power Generation Corp. Ltd	PSU(S)	Power
Total Maharashtra Power		7	290.35						
85	Marki Mangli III	1	MH	3.58	17.04.2015	Vested	B.S. Ispat Ltd.	PVT	NRS
86	Nerad Malegaon	1	MH	10.62	22.04.2015	Vested	Indrajit Power Pvt. Ltd.	PVT	NRS
87	Marki Mangli-I	1	MH	9.78	30.09.2015	Vested	Topworth Urja and Metals Ltd.	PVT	NRS
88	Belgaon	1	MH	7.14	23.03.2015	Vested	Sunflag Iron and Steel Co. Ltd	PVT	NRS
Total Maharashtra NRS		4	31.12						
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
Total Maharashtra Commercial		2	51.54						
91	Talabira-I	1	Odisha	10.79	23.03.2015	Vested	GMR Chhattisgarh Energy Ltd.	PVT	Power
92	Dulanga	1	Odisha	152.05	08.09.2015	Allotted	NTPC Ltd.	PSU(C)	Power
93-94	Manoharpur & Dipside of Manoharpur	2	Odisha	152.12	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	152.33	02.05.2016	Allotted	Neyveli Lignite Corporation Ltd.	PSU(C)	Power
97	Mandakini B	1	Odisha	1200.00	15.09.2015	Allotted	NTPC Ltd.	PSU(C)	Power
98	Mandakini	1	Odisha	287.89	02.03.2020	Allotted	KPCL	PSU(S)	Power
99	Utkal - C	1	Odisha	123.86	02.03.2020	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power
100	Surapal-Nuapara	1	Odisha	200.00	24.02.2016	Allotted	Andhra Pradesh Power Generation Co Ltd	PSU(S)	Power
101	Chandrabila	1	Odisha	200.00	24.02.2016	Allotted	Tamil Nadu Generation & Distribution Corp Ltd	PSU(S)	Power
Total Odisha Power		11	2749.04						
102-103	Utkal E & D	2	Odisha	171.37	02.05.2016	Allotted	NALCO	PSU(C)	NRS
104	Jamkhani	1	Odisha	132.73	10.02.2020	Vested	Vedanta Limited	PVT	NRS
Total Odisha NRS		3	304.10						
105	Baitarni West	1	Odisha	602.00	29.09.2016	Allotted	Odisha Mining Corporation Ltd.	PSU(S)	Commercial
106	New Patrapara	1	Odisha	1042.00	30.10.2019	Allotted	Singareni Collieries Ltd	PSU(S)	Commercial
107	Radhikapur (East)	1	Odisha	172.00	03.03.2021	Vested	EMIL Mines and Mineral Resources Limited	PVT	Commercial
108	Radhikapur (West)	1	Odisha	258.00	03.03.2021	Vested	Vedanta Limited	PVT	Commercial
109	Brahmani	1	Odisha	58.90	21.07.2016	Allotted	Orissa Minerals Development Company	PSU(S)	Commercial
Total Odisha Commercial		5	2132.90						
110	Tadicherla-I	1	Telangana	45.36	31.08.2015	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power
Total Telangana Power		1	45.36						
111	Penagaddppa	1	Telangana	110.87	15.12.2016	Allotted	M/s. Singareni Collieries Co. Ltd.	PSU(C)	Commercial
Total Telangana Commercial		1	110.87						

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Table 6.6: State Wise List of Captive & Commercial Coal Blocks that Stand Vested/Allocated upto 2020-21 (Except CIL as Custodian)

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserves (Million Tonnes)	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)
112	Trans Damodar	1	WB	47.32	23.03.2015	Vested	The Durgapur Projects Ltd.	PSU(S)	Power
113	Sarshatolli	1	WB	51.03	23.03.2015	Vested	CESC Ltd.	PVT	Power
114	Barjora (North)	1	WB	56.57	31.03.2015	Allotted	WBPDCCL	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	WBPDCCL	PSU(S)	Power
118-119	Gangaramchak & Gangaramchak Bhadulia	2	WB	11.05	31.03.2015	Allotted	WBPDCCL	PSU(S)	Power
120	Barjora	1	WB	1.45	31.03.2015	Allotted	WBPDCCL	PSU(S)	Power
121	Kasta East	1	WB	47.00	16.05.2016	Allotted	WBPDCCL	PSU(S)	Power
122	Deocha Pachami Dewanganj Harinsingha	1	WB	2102.00	06.06.2018	Allotted	WBPDCCL	PSU(S)	Power
Total West Bengal power		11	2431.28						
123	Ardhagram	1	WB	18.93	14.07.2016	Vested	OCL Iron and Steel Ltd.	PVT	NRS
124	Jagannathpur B	1	WB	169.00	13.02.2020	Vested	Powerplus Traders Private Limited	PVT	NRS
Total West Bengal NRS		2	187.93						
125	Gourangdih ABC	1	WB	131.00	29.09.2016	Allotted	West Bengal Mineral Development & Trading Corp. Ltd.	PSU(S)	Commercial
126	East of Danagoria	1	WB	337.00	21.11.2019	Allotted	BCCL	PSU(C)	Commercial
Total West Bengal Commercial		2	468.00						
All India Total		126	22759.96						

Note: Geological Reserve/Extractable Reserve quantities as available with this office.

Table 6.7: Sector Wise List of Captive & Commercial Coal Blocks that Stand Vested/Allocated upto 2020-21 (Except CIL as Custodian)

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserves (Million Tonnes)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Gare Palma IV/4	1	CH	12.30	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
2	Gare Palma IV/5	1	CH	42.43	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
3	Chotia	1	CH	18.49	23.03.15	Vested	Bharat Aluminium Company Ltd.	P	NRS
4	Gare Palma IV/8	1	CH	45.85	22.04.15	Vested	Ambuja Cements Ltd.	P	NRS
5	Bhaskarpara	1	CH	46.91	10.02.20	Vested	Prakash Industries Limited	P	NRS
6-7	Moitra	1	JH	29.91	22.04.15	Vested	JSW Steel Ltd.	P	NRS
8	Brinda & Sasai	2	JH	25.40	22.04.15	Vested	Usha Martin Ltd	P	NRS
9	Meral	1	JH	12.67	22.04.15	Vested	Trimula Industries Ltd.	P	NRS
10	Lohari	1	JH	9.05	22.04.15	Vested	Araanya Mines Private Ltd.	P	NRS
11	Kathautia	1	JH	23.96	23.03.15	Vested	Hindalco Industries Ltd.	P	NRS
12	Dumri	1	JH	46.14	22.04.15	Vested	Hindalco Industries Ltd.	P	NRS
13	Marki Mangli III	1	MH	3.58	17.04.15	Vested	B.S. Ispat Ltd.	P	NRS
14	Nerad Malegaon	1	MH	10.62	22.04.15	Vested	Indrajit Power Pvt. Ltd.	P	NRS
15	Marki Mangli-I	1	MH	9.78	30.09.15	Vested	Topworth Urja and Metals Ltd.	P	NRS
16	Belgaon	1	MH	7.14	23.03.15	Vested	Sunflag Iron and Steel Co. Ltd	P	NRS
17	Sial Ghogri	1	MP	5.69	23.03.15	Vested	Reliance Cement Company Pvt. Ltd.	P	NRS
18	Bicharpur	1	MP	29.12	23.03.15	Vested	UltraTech Cement Ltd.	P	NRS
19	Bikram	1	MP	20.97	10.02.20	Vested	Birla Corporation Limited	P	NRS
20	Brahampuri	1	MP	37.00	10.02.20	Vested	Birla Corporation Limited	P	NRS
21	Jamkhani	1	OD	132.73	10.02.20	Vested	Vedanta Limited	P	NRS
22	Ardhagram	1	WB	18.93	14.07.16	Vested	OCL Iron And Steel Ltd.	P	NRS
23	Jagannathpur B	1	WB	169.00	13.02.20	Vested	Powerplus Traders Private Limited	P	NRS
Total Private NRS		23		757.67					
24	Amelia (North)	1	MP	70.28	23.03.15	Vested	Jaiprakash Power Ventures Ltd.	P	Power
25	Jitpur	1	JH	65.54	22.04.15	Vested	Adani Power Ltd.	P	Power
26	Ganeshpur	1	JH	91.80	22.04.15	Vested	GMR Chhattisgarh Energy Ltd.	P	
27	Talabira-I	1	OD	10.79	23.03.15	Vested	GMR Chhattisgarh Energy Ltd.	P	Power
28	Sarshatolli	1	WB	51.03	23.03.15	Vested	CESC Ltd.	P	Power
Total Private Power		5		289.44					
29	Gare Palma IV-7	1	CH	52.98	08.03.21	Vested	Sarda Energy and Minerals Limited	PVT	Commercial
30	Gare Palma IV-1	1	CH	130.00	2021	Vested	Jindal Power Limited	PVT	Commercial
31	Chakla	1	JH	83.10	03.03.21	Vested	Hindalco Industries Limited	PVT	Commercial
32	Gondulpara	1	JH	74.88	08.03.21	Vested	Adani Enterprises Limited	PVT	Commercial
33	Rajhara North (Central & Eastern)	1	JH	17.09	03.03.21	Vested	Fairmine Carbons Private Limited	PVT	Commercial
34	Urma Paharitola	1	JH	700.00	03.03.21	Vested	Aurobindo Reality and Infrastructure Private Limited	PVT	Commercial
35-36	Gotitoria (East) & Gotitoria (West)	2	MP	9.34	2021	Vested	Boulder Stone Mart Private Limited	PVT	Commercial

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Table 6.7: Sector Wise List of Captive & Commercial Coal Blocks that Stand Vested/Allocated upto 2020-21 (Except CIL as Custodian)

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserves (Million Tonnes)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/	End-use Plant
37	Sahapur West	1	MP	42.00	03.03.21	Vested	Sarda Energy and Minerals Limited	PVT	Commercial
38	Sahapur East	1	MP	63.63	03.03.21	Vested	Chowgule and Company Private Limited	PVT	Commercial
39	Urtan North	1	MP	69.82	03.03.21	Vested	JMS Mining Private Limited	PVT	Commercial
40	Bandha	1	MP		03.03.21	Allotted	EMIL Mines and Mineral Resources Limited	PVT	Commercial
41	Dhirauli	1	MP		03.03.21	Allotted	Startech Mineral Resources Pvt. Ltd.	PVT	Commercial
42	Urtan	1	MP		03.03.21	Allotted	JMS Mining Private Limited	PVT	Commercial
43	Marki Mangli II	1	MH	11.54	03.03.21	Vested	Yazdani International Private Limited	PVT	Commercial
44	Takli Jena Bellora (North) & Takli Jena Bellora (South)	1	MH	40.00	03.03.21	Vested	Aurobindo Reality and Infrastructure Private Limited	PVT	Commercial
45	Radhikapur (East)	1	OD	172.00	03.03.21	Vested	EMIL Mines and Mineral Resources Limited	PVT	Commercial
46	Radhikapur (West)	1	OD	258.00	03.03.21	Vested	Vedanta Limited	PVT	Commercial
Total PVT Commercial		18		1724.38					
47-48	Utkal E & D	2	OD	171.37	02.05.16	Allotted	NALCO	PSU(C)	NRS
49	Tasra	1	JH	251.88	26.02.1996	Allotted	SAIL	PSU(C)	NRS
Total PSU NRS		3		423.25					
50	Gare Palma Sector-I	1	CH	194.00	14.09.15	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power
51-52	Gidhmuri & Paturia	2	CH	257.83	13.10.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
53	Parsa	1	CH	184.26	08.09.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
54	Gare Pelma Sector II	1	CH	655.15	31.08.15	Allotted	Maharashtra State Power Generation Co Ltd	PSU(S)	Power
55-56	Parsa East & Kanta Basan	2	CH	450.97	31.03.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
57	Gare Palma Sector-III	1	CH	134.09	14.09.15	Allotted	Chhattisgarh State Power Generation Co Ltd	PSU(S)	Power
58-59	Durgapur-II/Taraimar & Durgapur-II/Sarya	2	CH	303.04	31.12.19	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
60	Talaipalli	1	CH	861.25	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
61	Kente Extn	1	CH	200.00	31.03.15	Allotted	Rajasthan Rajya Vidyut Utpadan Nigam Ltd	PSU(S)	Power
62	Banai	1	CH	200.00	31.03.15	Allotted	NTPC Ltd	PSU(C)	Power
63	Bhalumuda	1	CH	200.00	31.03.15	Allotted	NTPC Ltd	PSU(C)	Power
64-65	Chatti Bariatu, Chatti Bariatu South	2	JH	390.96	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
66	Saharpur Jamarpani	1	JH	524.00	13.08.15	Allotted	UP Rajya Vidyut Utpadan Nigam Ltd.	PSU(C)	Power
67	Tubed	1	JH	189.82	08.06.16	Allotted	Damodar Valley Corporation	PSU(C)	Power
68	Pachwara Central	1	JH	239.75	31.03.15	Allotted	Punjab State Power Corp. Ltd.	PSU(S)	Power
69	Badam	1	JH	90.50	31.08.15	Allotted	Bihar State Power Generation Co. Ltd.	PSU(S)	Power
70	Pachwara North	1	JH	392.75	31.03.15	Allotted	WBPDCL	PSU(S)	Power

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Table 6.7: Sector Wise List of Captive & Commercial Coal Blocks that Stand Vested/Allocated upto 2020-21 (Except CIL as Custodian)

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserves (Million Tonnes)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/	End-use Plant
71	Rajbar E&D	1	JH	526.05	30.06.15	Allotted	Tenughat Vidyut Nigam Limited (TVNL)	PSU(S)	Power
72	Banhardih	1	JH	553.00	30.06.15	Allotted	Jharkhand Urja Utpadan Nigam Ltd.	PSU(S)	Power
73	Kerandari	1	JH	142.01	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
74	Kalyanpur-Badalpara	1	JH	200.00	24.02.16	Allotted	Haryana Powe Generation Corp Ltd	PSU(S)	Power
75	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
76	Pakri Barwadi	1	JH	1436.00	11.10.2004	Allotted	NTPC	PSU(C)	Power
77-82	Baranj – I, II, III, IV, Kiloni & Manora Deep	6	MH	90.35	31.03.15	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
83	Mahajanwadi	1	MH	200.00	24.02.16	Allotted	Maharashtra State Power Generation Corp. Ltd	PSU(S)	Power
84	Amelia	1	MP	393.60	17.01.17	Allotted	THDC India Limited (JV of Govt. of India & Govt. of U.P.)	PSU(C)	Power
85	Gondbahera Ujjeni	1	MP	200.00	31.03.15	Allotted	Madhya Pradesh Power Generating Co Ltd	PSU(S)	Power
86-87	Moher, Moher-Amlori Extn.	2	MP	575.00	13.09.2006	Allotted	Power Finance Corporation	PSU(C)	UMPP
88	Dulanga	1	OD	152.05	08.09.15	Allotted	NTPC Ltd.	PSU(C)	Power
89	Naini	1	OD	270.00	13.08.15	Allotted	The Singareni Collieries Co. Ltd.	PSU(C)	Power
90-91	Manoharpur & Dipside of Manoharpur	2	OD	152.12	31.08.15	Allotted	Odisha Coal & Power Ltd.	PSU(S)	Power
92	Talabira-II & III	1	OD	152.33	02.05.16	Allotted	Neyveli Lignite Corporation Ltd.	PSU(C)	Power
93	Mandakini B	1	OD	1200.00	15.09.16	Allotted	NTPC Ltd.	PSU(C)	Power
94	Mandakini	1	OD	287.89	31.12.19	Allotted	Karnataka Power Corporation Ltd	PSU(S)	Power
95	Utkal - C	1	OD	123.86	02.03.20	Allotted	Gujarat State Electricity Corporation Limited	PSU(S)	Power
96	Surapal-Nuapara	1	OD	200.00	24.02.16	Allotted	Andhra Pradesh Power Generation Co Ltd	PSU(S)	Power
97	Chandrabila	1	OD	200.00	24.02.16	Allotted	Tamil Nadu Generation & Distribution Corp Ltd	PSU(S)	Power
98	Tadicherla-I	1	Telangana	45.36	31.08.15	Allotted	Telangana State Power Generation Corpn. Ltd.	PSU(S)	Power
99	Trans Damodar	1	WB	47.32	23.03.15	Vested	The Durgapur Projects Ltd.	PSU(S)	Power
100	Barjora (North)	1	WB	56.57	31.03.15	Allotted	WBPDCL	PSU(C)	Power
101	Khagra Joydev	1	WB	103.80	31.03.15	Allotted	Damodar Valley Corporation	PSU(C)	Power
102-103	Tara (East) and Tara (West)	2	WB	11.06	31.03.15	Allotted	WBPDCL	PSU(S)	Power
104-105	Gangaramchak & Gangaramchak Bhadulia	2	WB	11.05	31.03.15	Allotted	WBPDCL	PSU(S)	Power
106	Barjora	1	WB	1.45	31.03.15	Allotted	WBPDCL	PSU(S)	Power
107	Kasta East	1	WB	47.00	16.05.16	Allotted	WBPDCL	PSU(S)	Power
108	Deocha Pachami Dewanganj Harisingha	1	WB	2102.00	06.06.18	Allotted	WBPDCL	PSU(S)	Power
Total PSU Power		59		15227.24					

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Table 6.7: Sector Wise List of Captive & Commercial Coal Blocks that Stand Vested/Allocated upto 2020-21 (Except CIL as Custodian)

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Extractable Reserves (Million Tonnes)	Date of Allotment	Mode of Allocation	Name of the Party	Type of Company: PSU(S)/	End-use Plant
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	Patal East	1	JH	200.00	29.09.16	Allotted	Jharkhand Mineral Development Corporation Ltd.	PSU(S)	Commercial
112-113	Kotre Basantpur & Pachmo	2	JH	251.30	19.04.18	Allotted	Coal India Ltd.	PSU(C)	Commercial
114	Amarkonda Murgadangal	1	JH	410.00	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
115	Tokisud North	1	JH	51.97	22.09.20	Allotted	NMDC Limited	PSU(C)	Commercial
116	Sugia Closed Mine	1	JH	4.00	22.09.20	Allotted	Jharkhand State Mineral Development Corp Ltd	PSU(S)	Commercial
117	Rohne	1	JH	241.00	16.12.19	Allotted	NMDC Limited	PSU(C)	Commercial
118	Rabodh	1	JH	450.00	16.12.19	Allotted	Rashtriya Ispat Nigam Limited	PSU(C)	Commercial
119	Brahmadiha	1	JH	10.63	02.03.21	Vested	Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial
120	Suliyari	1	MP	141.00	29.09.16	Allotted	Andhra Pradesh Mineral Development Corporation Ltd.	PSU(S)	Commercial
121	Baitarni West	1	OD	602.00	29.09.16	Allotted	Odisha Mining Corporation Ltd.	PSU(S)	Commercial
122	New Patrapara	1	OD	1042.00	30.10.19	Allotted	Singareni Collieries Ltd	PSU(S)	Commercial
123	Brahmini	1	OD	58.90	24.01.19	Allotted	Coal India Ltd.	PSU(C)	Commercial
124	Penagaddppa	1	Telangana	110.87	15.12.16	Allotted	M/s. Singareni Collieries Co. Ltd.	PSU(C)	Commercial
125	Gourangdih ABC	1	WB	131.00	29.09.16	Allotted	West Bengal Mineral Development & Trading Corp. Ltd.	PSU(S)	Commercial
126	East of Danagoria	1	WB	337.00	21.11.19	Allotted	BCCL	PSU(C)	Commercial
Total PSU Commercial		18		4337.99					
All Total		126		22759.97					

Note: Geological Reserve/Extractable Reserve quantities as available with this office.

Table 6.8: Coal Blocks Allotted under Auction by MMDR Act as per Records Available in this Office

Sl. No.	Name of Block	State	Name of Successful Bidder/Allottee	No. of Blocks	Allotted/Vested	Date of Allotment	Estimated GR (in MT)	Specified EUP
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Kente Extn	Chattisgarh	Rajasthan Raja Vidyut Utpadan Nigam Ltd	1	Allotted	31.03.2015	200.00	Power
2	Gondbahera- Ujjeni	Madhya Pradesh	Madhya Pradesh Power Generating Company Ltd.	1	Allotted	31.03.2015	532.00	Power
3	Banai	Chattisgarh	NTPC Ltd	1	Allotted	31.03.2015	629.00	Power
4	Bhalumuda	Chattisgarh	NTPC Ltd	1	Allotted	31.03.2015	550.00	Power
5	Sarapal-Nuapara	Odisha	Andhra Pradesh Power Generation Corp Ltd	1	Allotted	24.02.2016	701.00	Power
6	Chandrabila	Odisha	Tamil Nadu Generation & Distribution Corp Ltd	1	Allotted	24.02.2016	550.00	Power
7	Mahajanwadi	Maharashtra	Maharashtra Power Generation Corp Ltd	1	Allotted	24.02.2016	340.00	Power
8	Kalyanpur-Badalpara	Jharkhand	Haryana Power Generation Corp Ltd	1	Allotted	24.02.2016	102.00	Power
9	Kerwa	Chattisgarh	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
10	Brahmani	Odisha	Orissa Minerals Development Company	1	Allotted	21.07.2016	58.90	Commercial Mining
11	Pachwara South	Jharkhand	M/s. Neyveli Uttar Pradesh Power Limited (JV of NLC India Limited CPSU and Uttar Pradesh Raja Vidyut Utpadan Nigam Limited SPSU)	1	Allotted	03.10.2016	279.00	Power
12	Bandha	Madhya Pradesh	EMIL Mines and Mineral Resources Limited	1	Allotted	03/03/2021		Sale of Coal
13	Dhirauli	Madhya Pradesh	Startech Mineral Resources Pvt. Ltd.	1	Allotted	03/03/2021		Sale of Coal
14	Urtan	Madhya Pradesh	JMS Mining Private Limited	1	Allotted	03/03/2021		Sale of Coal
15	Deocha Pachami Dewanganj Harinsingha	West Bengal	WBPDCL	1	Allotted	06/06/2018	2102.00	Power
All Total				15			6156.84	

Table 6.9: List of Coal Blocks under Custodian upto 2020-21

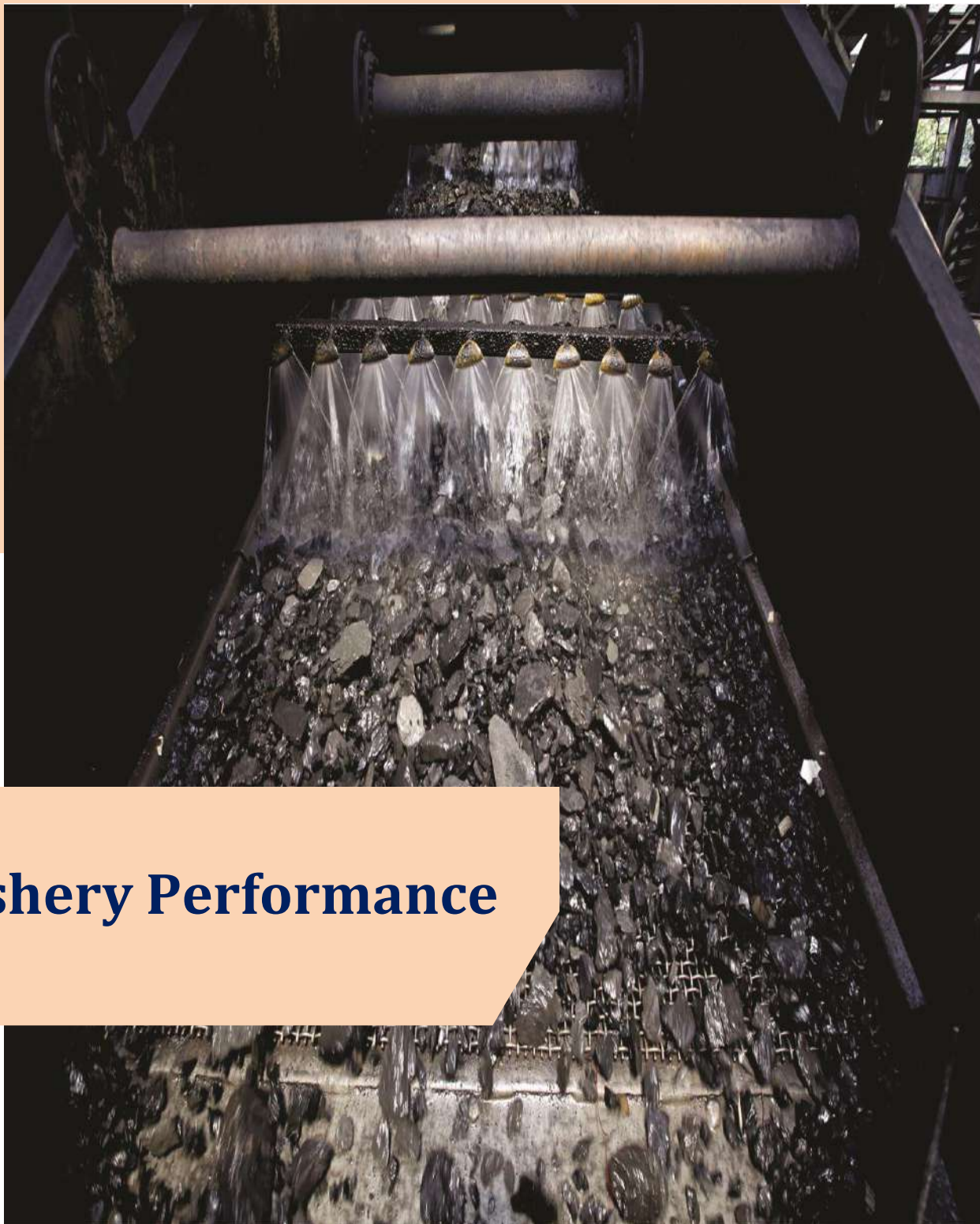
Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Geological/ Extractable Reserves (in MT)	Name of the Party	Type of Company: PSU(S)/ PSU(C)/ Private	End-use Plant
(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)
1	Namchik Namphuk	1	Arunachal Pradesh	4.79	Chairman, CIL (Custodian)	PSU(C)	Commercial
Total Arunachal Pradesh		1		4.79			
2-3	Gare-Palma-IV/2 & IV/3	2	Chhattisgarh	178.86	Chairman, CIL (Custodian)	PSU(C)	Commercial
Total Chhattisgarh		2		178.86			
4	Parbarpur Central	1	Jharkhand	52.16	Chairman, CIL (Custodian)	PSU(C)	NRS
Total Jharkhand		1		52.16			
Total		4		235.81			

Note: Geological Reserve/Extractable Reserve quantities as available with this office.

Table 6.10: List of Coal Blocks not Cancelled by Hon'ble Supreme Court

Sl.No.	Block Allocated	No. of Blocks	State where the Block is Located	Geo-logical Reserves (in Million Tonnes)	Date of Allotment	Name of the Party	Type of Company (PSU(S)/ PSU(C)/ Private)	End-use Plant
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Pakri-Barwadih	1	JH	1436.00	11.10.2004	NTPC	PSU(C)	Power
Total Jharkhand Power		1		1436.00				
2	Tasra	1	JH	251.88	26.02.1996	Steel Authority of India Ltd.	PSU(C)	NRS
Total Jharkhand NRS		1		251.88				
3-4	Moher, Moher-Amlori Extn.	2	MP	575.00	13.09.2006	Power Finance Corporation Sasan UMPP	PSU(C)	UMPP
Total Madhya Pradesh UMPP		2		575.00				
Total		4		2262.88				

Note: Geological Reserve/Extractable Reserve quantities as available with this office.



Washery Performance

Table 7.1: Details of Coking Coal Washeries in India during 2020-21

Sector	Owner Company	Name of Washery	Year of Commissioning	Feed Type	State	Location/ Coal field	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Public	Bharat Coking Coal Ltd.	Dugda	1968	Pr. Ckg.	Jharkhand	Jharia	2.00
		Bhojudih	1962 (Expn-64)	Pr. Ckg.	West Bengal	Jharia	1.70
		Sudamdih	1981	Pr. Ckg.	Jharkhand	Jharia	1.60
		Moonidih	1983	Pr. Ckg.	Jharkhand	Jharia	1.60
		Mahuda	1990	Md. Ckg.	Jharkhand	Jharia	0.63
		Madhuband	1998	Pr. Ckg.	Jharkhand	Jharia	2.50
Total BCCL							10.03
Public	Central Coalfields Ltd.	Kathara	1969	Md. Ckg.	Jharkhand	Bokaro	3.00
		Sawang	1970	Md. Ckg.	Jharkhand	Bokaro	0.75
		Rajrappa	1987	Md. Ckg.	Jharkhand	Ramgarh	3.00
		Kedla	1997	Md. Ckg.	Jharkhand	Ramgarh	2.60
Total CCL							9.35
Public	Western Coalfields Ltd.	Nandan	1984	Md. Ckg.	M.P.	Chhindwara	1.20
All Coal India Ltd.							20.58
Public	Steel Authority of India Ltd.	Chasnala	1969	Coking	Jharkhand	Dhanbad	1.40
Total Public							21.98
Private	Tata Steel Ltd.	W.Bokaro-II	1984	Md. Ckg.	Jharkhand	Ramgarh	2.50
		W.Bokaro-III	1994	Md. Ckg.	Jharkhand	Ramgarh	2.70
		Jamadoba	1957	Pr. Ckg.	Jharkhand	Jamadoba	1.30
		Bhelatand	1995	Pr. Ckg.	Jharkhand	Bhelatand	1.50
Total TATA							8.00
Total Private							8.00
Grand Total							29.98

Table 7.2: Coking Coal Washery Performance in Last Three Years

(Quantity in Thousand Tonnes)

Year	Owner Company	Raw Coal Feed	Washed Coal Production	Yield (%) Washed Coal
(1)	(2)	(3)	(4)	(5)
2020-21	BCCL	1135	270	24
	CCL	1515	436	29
	Total CIL	2650	707	27
	SAIL	1061	597	56
	Total Public	3711	1304	35
	TSL (Private)	5920	3119	53
	Total Private	5920	3119	53
	Grand Total	9632	4423	46
2019-20	BCCL	1402	626	45
	CCL	2250	762	34
	Total CIL	3652	1388	38
	SAIL	638	386	60
	Total Public	4290	1773	41
	TSL (Private)	6734	3477	52
	Total Private	6734	3477	52
	Grand Total	11024	5250	48
2018-19	BCCL	1309	586	45
	CCL	2424	805	33
	Total CIL	3733	1391	37
	SAIL	733	396	54
	Total Public	4466	1787	40
	TSL (Private)	7292	3735	51
	Total Private	7292	3735	51
	Grand Total	11758	5522	47

Table 7.3: Details of Non-Coking Coal Washeries in India during 2020-21

Public/ Private	Owner Company	Name of Washery	Year of Commissioning	Feed Type	State	Location/ Coal field	Raw Coal Capacity (MTPA)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Public	Central Coalfields Ltd.	Gidi	1970	Non-Coking	Jharkhand	Hazaribagh	2.50
		Piparwar	1997	Non-Coking	Jharkhand	Chatra	6.50
All Coal India Ltd.							9.00
Total Public							9.00
Private	Adani Enterprises Ltd.	AEL	2012-13	Non-Coking	Chhatisgarh	Parsa	15.00
	Aryan Coal Benefication (India) Ltd.	Chakabuwa	2004	Non-Coking	Chhatisgarh	Korba	7.50
		Dipka	1999-2000	Non-Coking	Chhatisgarh	Korba	14.00
		Pander Pauni	2003-04	Non-Coking	Maharashtra	Bollarpur	2.62
		Gevra	2007-08	Non-Coking	Chhatisgarh	Korba	6.25
		Binjhri	2010-11	Non-Coking	Chhatisgarh	Korba	4.80
		Hemgir	2011-12	Non-Coking	Orissa	Hemgir	5.00
		Ratija	1999	Non-Coking	Chhatisgarh	Korba	11.00
		Talcher	2015	Non-Coking	Orissa	Bharatpur	9.52
	Aryan Energy Pvt. Ltd.	Talcher	2003	Non-Coking	Orissa	Talcher	2.34
	CESC	Sarisatali	2016	Non-Coking	West Bengal	Ranigunj	1.50
	Global Coal & Mining Pvt. Ltd.	IB Valley	2006	Non-Coking	Orissa	Ib valley	3.50
		Talcher	2002	Non-Coking	Orissa	Talcher	4.00
		Manuguru	2009	Non-Coking	Telangana	Manuguru	0.22
	Jindal Power Ltd.	JPL	2013	Non-Coking	Chhatisgarh	Raigarh	4.75
Kartikay Coal Washeries Pvt. Ltd	Wani	2005-06	Non-Coking	Maharashtra	Wardha	2.50	
Maruti Clean Coal	Maruti	2015	Non-Coking	Chhatisgarh	Ratija	6.60	
Total Private							101.10
Grand Total							110.10

Table 7.4: Non-Coking Coal Washery Performance in Last Three Years**(Quantity in Thousand Tonnes)**

Year	Company	Raw Coal Feed	Production	Yield (%)
(1)	(2)	(3)	(4)	(5)
2020-21	CCL	5528.25	5509.73	99.66
	Total CIL	5528.25	5509.73	99.66
	Total Public	5528.25	5509.73	99.66
	Adani Enterprises Ltd.	15000.00	12170.48	81.14
	Aryan Coal Benefication Pvt.Ltd.	5534.29	4496.95	81.26
	Aryan Energy Pvt. Ltd.	748.66	549.27	73.37
	Global Coal & Mining Pvt. Ltd.	1619.63	1128.82	69.70
	Jindal Power Limited	520.02	463.56	89.14
	Kartikay Coal Washeries Pvt. Ltd.	11.18	8.69	77.73
	Maruti Clean Coal	725.36	546.75	75.38
	Total Private	24159.14	19364.51	80.15
	Grand Total	29687.39	24874.24	83.79
	2019-20	CCL	6519.00	6480.31
Total CIL		6519.00	6480.31	99.41
Total Public		6519.00	6480.31	99.41
Adani Enterprises Ltd.		15000.00	11708.83	78.06
Aryan Coal Benefication Pvt.Ltd.		14582.18	11544.55	79.17
Aryan Energy Pvt. Ltd.		1940.03	1425.91	73.50
Global Coal & Mining Pvt. Ltd.		4185.42	2789.52	66.65
Jindal Power Limited		413.81	372.10	89.92
Kartikay Coal Washeries Pvt. Ltd.		125.91	89.41	71.01
Maruti Clean Coal		1015.08	933.11	91.92
Spectrum Coal & Power Ltd.		8091.13	6458.34	79.82
Total Private		45353.56	35321.77	77.88
Grand Total		51872.56	41802.08	80.59
2018-19	CCL	6769.13	6631.13	97.96
	Total CIL	6769.13	6631.13	97.96
	Total Public	6769.13	6631.13	97.96
	Adani Enterprises Ltd.	15000.00	11979.33	79.86
	Aryan Coal Benefication Pvt.Ltd.	18005.63	14611.62	81.15
	Aryan Energy Pvt. Ltd.	1509.84	1115.08	73.85
	Global Coal & Mining Pvt. Ltd.	5219.58	3471.78	66.51
	Jindal Power Limited	74.95	67.69	90.31
	Kartikay Coal Washeries Pvt. Ltd.	141.91	101.84	71.76
	Maruti Clean Coal	213.97	171.40	80.10
	Spectrum Coal & Power Ltd.	12430.75	9841.07	79.17
	Total Private	52596.63	41359.81	78.64
	Grand Total	59365.76	47990.94	80.84

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



Abbreviations

Abbreviations

Abbreviations	
Coal Companies	
ECL	Eastern Coalfields Limited (Coal India Ltd. Subsidiary) -Public - Non Captive
BCCL	Bharat Coking Coal Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
CCL	Central Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
NCL	Northern Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
WCL	Western Coalfields Limited (Coal India Ltd. Subsidiary) - 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
MCL	Mahanadi Coalfields Limited (Coal India Ltd. Subsidiary) - Public - Non Captive
NEC	North Eastern Coalfields (Coal India Ltd. Subsidiary) - Public - Non Captive
SCCL	Singareni Collieries Company Limited - Public - Non Captive
JKML	Jammu & Kashmir Minerals Limited - Public - Non Captive
JSMDCL	Jharkhand State Mineral Development Corporation Limited - Public - Non Captive
DVC	Damodar Valley Corporation - Public - Non Captive
IISCO	Indian Iron & Steel Company Limited - Public - Non Captive
SAIL	Steel Authority of India Limited - Public - Captive
RRVUNL	Rajasthan Rajya Vidyut Unnayan Nigam Limited - Public - Captive
NTPC	National Thermal Power Corporation - Public - Captive
WBPDCL	West Bengal Power Development Corporation Ltd. - Public - Captive
TSPGCL	Telangana State Power Generation Corporation Ltd. - Public - Captive
CSPGCL	Chhattisgarh State Power Generation Corporation Limited - Public - Captive
OCPL	Odisha Coal & Power Limited - Public - Captive
DPL	Durgapur Projects Limited - Public - Captive
NLCIL	Neyveli Lignite Corporation India Limited - Public - Captive
TSL(TISCO)	Tata Steel Limited - Private - Non Captive
HIL	Hindalco Industries Limited - Private - Captive
SIL	Sunflag Iron & Steel Company Limited - Private - Captive
TUML	Topworth Urja and Minerals Limited - Private - Captive
SPL	Sasan Power Limited - Private - Captive
CESC	CESC Limited - Private - Captive
GMR	GMR Chhattisgarh Energy Limited - Private - Captive
BALCO	Bharat Aluminium Company Limited - Private - Captive
JPVL	Jaiprakash Power Ventures Limited - Private - Captive
RCCPL	Reliance Cement Company Private Limited - Private - Captive
OCL	OCL Iron Steel Limited - Private - Captive
AMBUJA	Ambuja Cement Ltd. - Private - Captive
Lignite Companies	
NLCIL	Neyveli Lignite Corporation India Limited - Public - Non Captive
GIPCL	Gujarat Industries Power Company Limited - Public - Captive
GMDCL	Gujarat Mineral Development Corporation Limited - Public - Captive
GHCL	Gujarat Heavy Chemical Limited - Private - Captive
RSMML	Rajasthan State Mines and Mineral Limited - Public - Captive
VSLPPL	V. S Lignite Power Limited - Private - Captive
O.C.	Open Cast
U.G.	Under Ground
OBR	Over Burden Removal
MT	Million Tonnes
TT	Thousand Tonnes



Coal Controller's Organisation
1, Council House Street, Kolkata – 700 001