



Quarterly Booklet on Coal & Lignite Sectors (1st Quarter 2021-22)

**Government of India
Ministry of Coal
Coal Controller's Organization
Kolkata**





Quarterly Booklet on Coal & Lignite Sector

Please note that the figures of 2020-21 is provisional and the data shall be updated post the finalization of Annual Coal Directory of India 2020-21. This booklet will be updated every quarter, hence, the data for 2021-22 would reflect the data of the previous quarter of 2021-22.

**Any suggestions for improvement are most welcome
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Foreword

The booklet is a novel initiative of Coal controller Organization to provide the readers with a quick glance about the Coal and Lignite sectors. It is prepared with an intention of it being a handy informative guide in preparing and implementing necessary policy related changes. I hope that this booklet that we intend to publish every quarterly will act as an important guiding repository and further help policy makers and research professionals to come up with novel and tailored solutions for better and smooth functioning of this industry.

My sincere gratitude to the Secretary, MoC and all seniors for their able guidance and unwavering support. I compliment the officers and staff of Coal Controller Organization especially, Shri V. P. Singh (Director), Shri Sumanta Biswas (Assistant) and Ms. Relansi Gupta (Young Professional) for all their consistent efforts and bringing this booklet to fruition. My sincere thanks to all the stakeholders who contributed towards preparing this report.

Kolkata
August, 2021

Santosh
(Santosh)
Coal Controller

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Resource & Exploration

Chart 1: Inventory of Geological Resources & Exploration of Coal during Last Ten Years



Source: Geological Survey of India

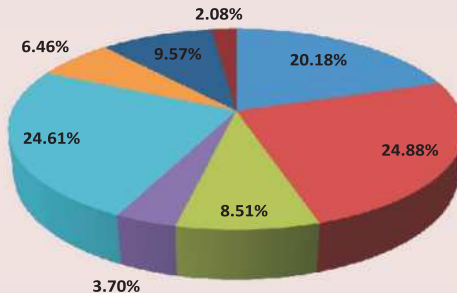
**Table 1 : State Wise Inventory of Geological Resources & Exploration of Coal
during Last Ten Years as on 1st April**

(Quantity in Million Tonnes)

State	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Andhra Pradesh	22055	22155	22207	22468	1581	1581	1581	1581	1607	1607
Arunachal Pradesh	90	90	90	90	90	90	90	90	90	90
Assam	513	513	515	514	515	525	525	525	525	525
Bihar	160	160	160	160	160	160	1354	1367	1834	2751
Chhattisgarh	49280	50846	52169	52533	54912	56036	56661	57206	59908	69432
Jharkhand	78936	80356	80701	80716	81049	81172	82440	83152	84506	85602
Madhya Pradesh	23126	24376	25061	25673	26536	26907	27673	27987	28793	29285
Maharashtra	10533	10882	10964	10964	11253	11436	12259	12299	12677	12728
Meghalaya	576	576	576	576	576	576	576	576	576	576
Nagaland	315	315	315	315	315	315	410	410	446	446
Odisha	69159	71447	73710	75073	75799	75896	77285	79295	80840	84652
Sikkim	101	101	101	101	101	101	101	101	101	101
Telangana					21211	21415	21464	21702	21839	22225
Uttar Pradesh	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062
West Bengal	29955	30616	31283	31318	31435	31529	31667	31667	31690	32937
All India	285862	293497	298915	301564	306596	308802	315148	319020	326496	344021

Source: Geological Survey of India

Chart 2: Percentage Share of State Wise Inventory of Geological Resources & Exploration of Coal as on 1st April 2020



■ Chhattisgarh ■ Jharkhand ■ Madhya Pradesh ■ Maharashtra ■ Odisha ■ Telangana ■ West Bengal ■ Others

Source: Geological Survey of India

Note: Share of Others include Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Meghalaya, Nagala Pradesh.

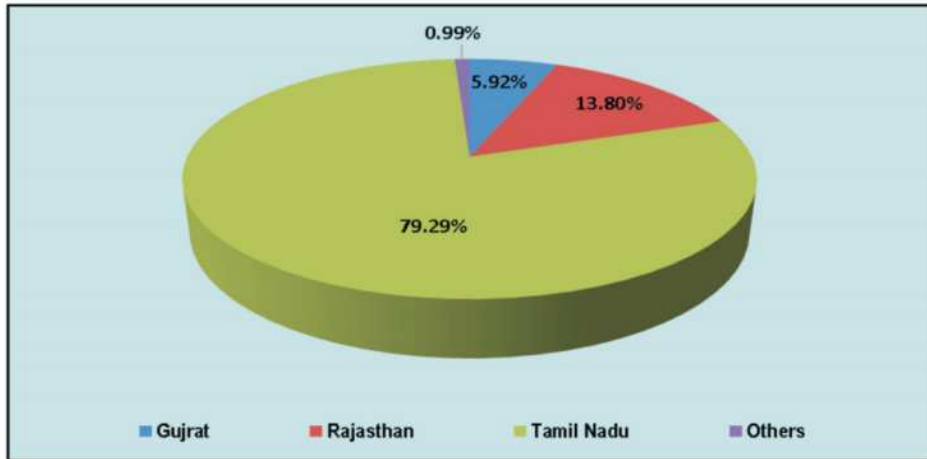
Table 2: State Wise Inventory of Geological Resources & Exploration of Lignite during Last Ten Years as on 1st April

(Quantity in Million Tonnes)

State	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Gujarat	2722	2722	2722	2722	2722	2722	2722	2722	2722	2722
J & K	28	28	28	28	28	28	28	28	28	28
Kerala	10	10	10	10	10	10	10	10	10	10
Pondicherry	417	417	417	417	417	417	417	417	417	417
Rajasthan	4835	4907	5690	5720	5727	5736	5736	6349	6349	6349
Tamil Nadu	32893	33878	34348	34348	35209	35680	35782	36135	36230	36490
West Bengal	2	2	3	3	3	3	4	4	4	4
All India	40906	41963	43216	43247	44114	44595	44698	45664	45759	46018

Source: Geological Survey of India

Chart 3: State Wise Inventory of Geological Resources & Exploration of Lignite as on 1st April 2020



Source: Geological Survey of India

Note: Others include Jammu & Kashmir, Kerala, Pondicherry and West Bengal.



**Production &
Productivity**

Table 3: Production of Coal from 2011-12 to 2020-21

(Quantity in Million Tonnes)

Year	Coking Coal	Non-Coking Coal	Total
2011-12	51.66	488.29	539.95
2012-13	51.58	504.82	556.40
2013-14	56.82	508.95	565.77
2014-15	57.45	551.73	609.18
2015-16	60.89	578.34	639.23
2016-17	61.66	596.21	657.87
2017-18	40.15	635.25	675.40
2018-19	41.13	687.59	728.72
2019-20	52.94	677.94	730.87
2020-21	44.79	671.30	716.08
CAGR	-1.42%	3.23%	2.86%

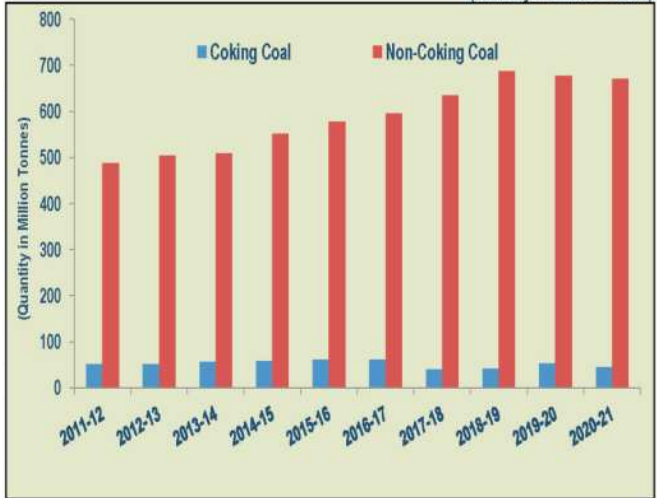


Table 4: State Wise Coal Production from 2011-12 to 2020-21**(Quantity in Million Tonnes)**

State	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	CAGR
Arunachal Pradesh	0.22	0.07									-
Assam	0.60	0.61	0.66	0.78	0.49	0.60	0.78	0.78	0.52	0.04	-24.55%
Chhattisgarh	113.96	117.83	127.10	134.76	130.61	138.53	142.55	161.89	157.75	158.41	3.35%
Jammu & Kashmir	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-4.98%
Jharkhand	109.57	111.27	113.09	124.14	121.07	126.44	123.30	134.67	131.76	119.30	0.85%
Madhya Pradesh	71.12	75.95	75.59	87.61	107.71	105.01	112.13	118.66	125.73	132.53	6.42%
Maharashtra	39.16	39.13	37.22	38.26	38.35	40.56	42.22	49.82	54.75	47.44	1.94%
Meghalaya	7.21	5.64	5.73	2.52	3.71	2.31	1.53				-
Odisha	105.48	110.13	112.92	123.63	138.46	139.36	143.33	144.31	143.02	154.15	3.87%
Telangana	52.21	53.19	50.47	52.54	60.38	61.34	62.01	65.16	65.70	52.60	0.07%
Uttar Pradesh	16.18	16.09	14.72	14.96	12.69	16.06	18.31	20.28	18.03	17.02	0.51%
West Bengal	24.23	26.47	28.24	29.97	25.75	27.67	29.24	33.14	33.61	34.60	3.63%
Total	539.95	556.40	565.77	609.18	639.23	657.87	675.40	728.72	730.87	716.08	2.86%

Chart 4: State Wise Coal Production during Last Ten Years

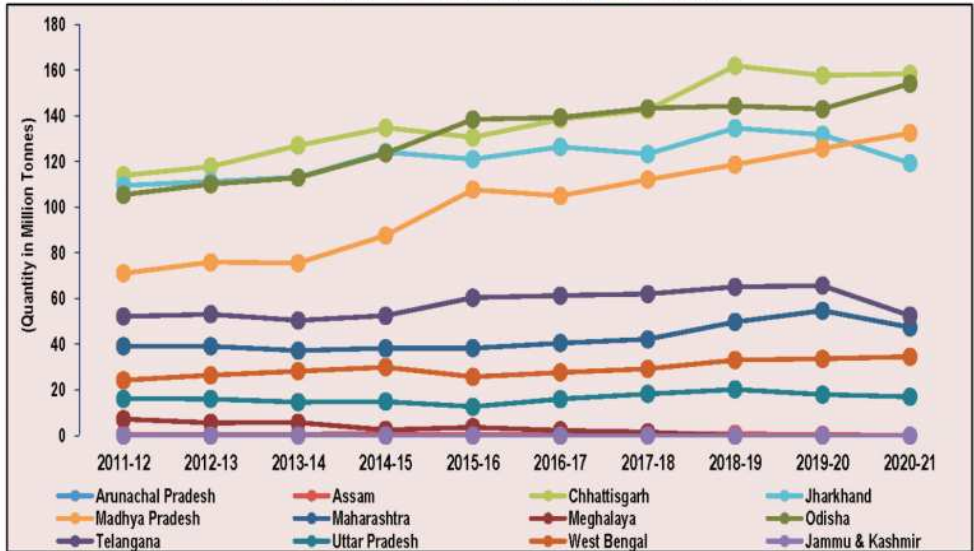


Table 5: Month Wise and State Wise Coal Production in 2021-22**(Quantity in Million Tonnes)**

State	Apr-21	May-21	Jun-21	Total (1 st Quarter)	Growth(%)
Chhattisgarh	9.47	9.84	9.89	29.21	6.07%
Jharkhand	8.83	8.08	7.11	24.02	9.15%
Madhya Pradesh	9.83	10.86	9.42	30.12	-1.75%
Maharashtra	3.41	3.38	2.90	9.69	0.07%
Odisha	11.23	11.41	12.70	35.33	4.37%
Telangana	5.04	5.61	5.41	16.07	60.41%
Uttar Pradesh	1.05	1.11	1.26	3.42	-11.83%
West Bengal	2.76	2.95	2.29	8.00	18.64%
Total	51.62	53.25	50.98	155.84	7.95%

* Assam and Jammu & Kashmir have not been mentioned. Assam had zero production and Jammu & Kashmir had a total production of 0.003 million tonnes in this quarter.

Note: Growth has been calculated from the same quarter of the previous year.

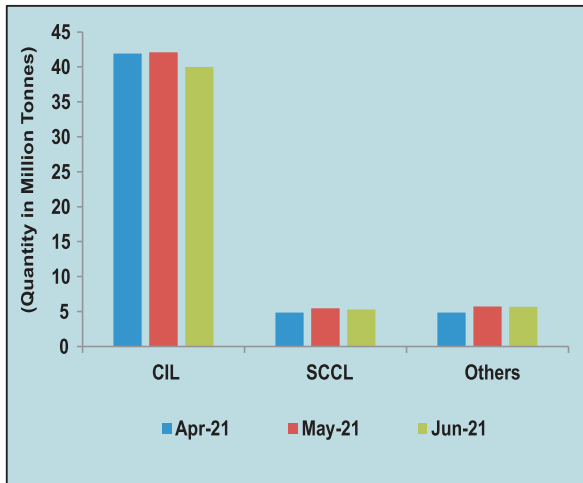
Chart 5: Coal Production of CIL, SCCL, and Other Companies during 2011-12 to 2020-21



Table 6: Company Wise Monthly Production of Coal in 2021-22

(Quantity in Million Tonnes)

Month	CIL	SCCL	Others
Apr-21	41.89	4.86	4.87
May-21	42.08	5.44	5.73
Jun-21	40.01	5.27	5.70
Total (1st Quarter)	123.98	15.57	16.30
Growth	2.43%	63.87%	17.56%



Note: Growth has been calculated from the same quarter of the previous year.

Table 7: Number of Captive Block and their Production of Coal from 2016-17 to 2020-21

Year	Total No. of Public Captive Block	Production in Public Captive Block	Total No. of Private Captive Block	Production in Private Captive Block
2016-17	6	13.82	10	24.05
2017-18	7	15.75	11	25.87
2018-19	9	28.42	14	26.43
2019-20	15	34.86	14	26.44
2020-21	18	42.07	13	24.28
CAGR	24.57%	24.94%	5.39%	0.19%

(Production Quantity in Million Tonnes)

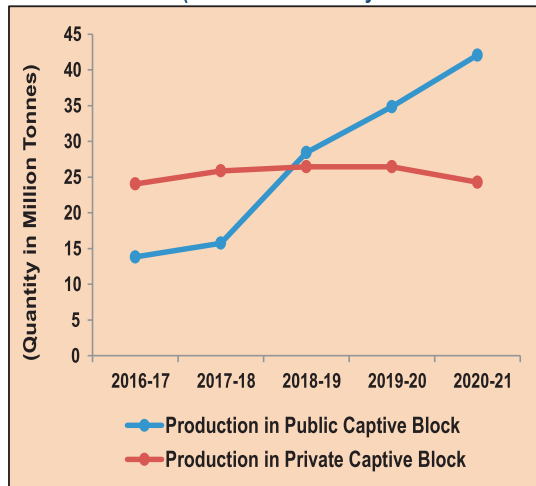


Table 8: Production of Lignite from 2011-12 to 2020-21

(Quantity in Million Tonnes)

Year	Production
2011-12	42.33
2012-13	46.45
2013-14	44.27
2014-15	48.27
2015-16	43.84
2016-17	45.23
2017-18	46.64
2018-19	44.28
2019-20	42.10
2020-21	36.61
CAGR	-1.44%



Table 9: State Wise Lignite Production from 2011-12 to 2020-21**(Quantity in Million Tonnes)**

State	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	CAGR
Gujarat	14.78	14.53	11.59	12.32	10.12	10.55	13.78	12.57	10.36	9.53	-4.29%
Rajasthan	2.96	7.08	7.63	10.76	9.49	8.48	9.29	8.68	8.22	9.06	11.82%
Tamil Nadu	24.59	24.84	25.06	25.19	24.23	26.20	23.57	23.04	23.52	18.03	-3.06%
Total	42.33	46.45	44.27	48.27	43.84	45.23	46.64	44.28	42.10	36.61	-1.44%

Chart 6: State Wise Lignite Production during Last Ten Years

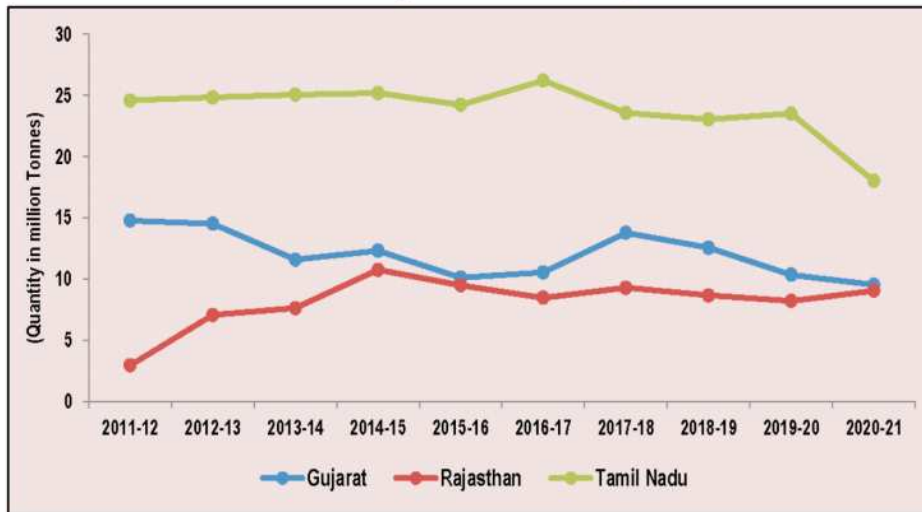
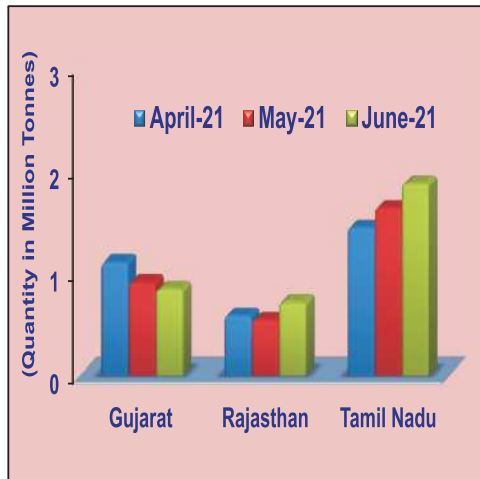


Table 10: Month Wise and State Wise Lignite Production during 2021-22

(Quantity in Million Tonnes)

State	April-21	May-21	June-21	Total (1 st Quarter)	Growth
Gujarat	1.11	0.91	0.84	2.86	144.27%
Rajasthan	0.58	0.54	0.71	1.84	29.48%
Tamil Nadu	1.44	1.63	1.87	4.94	13.11%
Total	3.13	3.08	3.43	9.64	38.50%



Note: Growth has been calculated from the same quarter of the previous year.

Table 11: Month Wise Power Generation from Different Energy Source

(in Million Unit)

Source	April'21	May'21	June'21	Total (1 st Quarter)	Growth
Coal	97155.56	80883.44	78700.37	256739.37	29.06%
Lignite	2943.72	3163.42	3306.28	9413.42	7.97%
Gas	3696.60	3452.98	3424.49	10574.07	-30.28%
Diesel	17.10	6.75	6.59	30.44	-7.08%
Nuclear	3292.51	4000.18	3892.12	11184.81	-2.08%
Hydro	8254.71	11752.14	16008.32	36015.17	-12.51%
Bhutan Imp.	163.37	573.70	1121.40	1858.47	-17.64%
Total Conventional	115523.57	103832.61	106459.57	325815.75	17.33%
Wind	3734.38	7083.52	9725.45	20543.35	16.67%
Solar	6122.18	5994.66	6006.22	18123.06	15.62%
Biomass	288.92	301.70	317.59	908.21	2.92%
Bagasse	884.08	404.37	151.36	1439.81	-14.43%
Small Hydro	440.02	554.67	725.57	1720.26	-24.60%
Others	179.35	176.69	164.11	520.15	169.24%
Total Renewable	11648.93	14515.61	17090.30	43254.84	12.87%
Total Generation	127172.50	118348.22	123549.87	369070.59	16.79%

Source: Central Electricity Authority (CEA) and National Power Portal

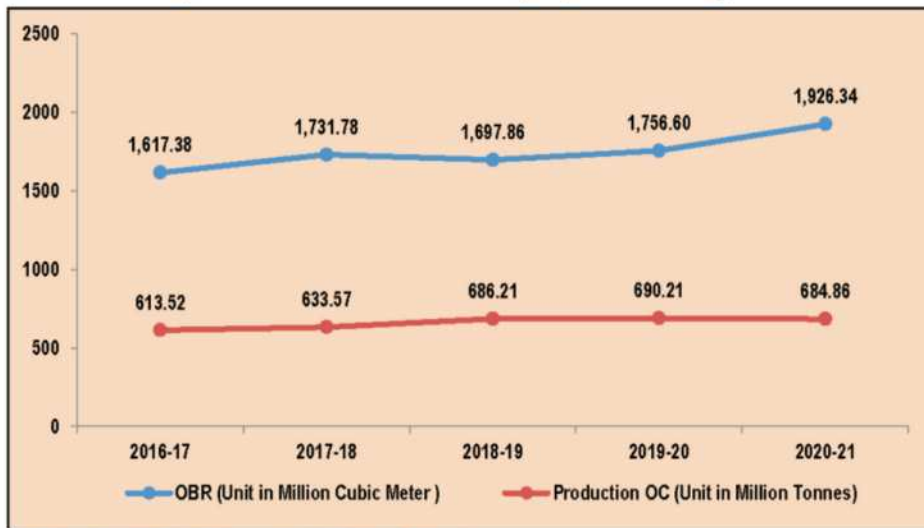
Note: Growth has been calculated from the same quarter of the previous year.

Table 12: Company Wise Over Burden Removal during Last Five Years**(OBR in Million Cubic Meter)**

Companies	2016 - 2017	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	CAGR
ECL	124.64	118.90	126.06	140.46	139.59	2.29%
BCCL	131.22	110.47	103.25	82.65	103.84	-4.57%
CCL	102.63	95.62	100.49	103.36	103.58	0.18%
NCL	324.14	316.80	318.23	323.23	374.17	2.91%
WCL	166.14	185.29	192.03	210.66	254.02	8.86%
SECL	178.79	205.02	183.44	164.74	196.45	1.90%
MCL	123.34	138.18	130.00	124.51	174.50	7.19%
NEC	5.68	7.85	8.50	4.73	0.62	-35.82%
CIL	1156.57	1178.12	1161.99	1154.33	1346.75	3.09%
SCCL	312.64	392.12	377.15	348.98	322.55	0.63%
Others	148.17	161.55	158.72	253.29	257.03	11.65%
All India	1617.38	1731.78	1697.86	1756.60	1926.34	3.56%

Note: SECL includes GP-IV/2&3 and GP-IV/1

Chart 7: Comparison of OBR and Production (OC) of India during Last Five Years



Note: Production (OC) is Coal produced in Open Cast mines.

Table 13: Company Wise Stripping Ratio during Last Five Years

Companies	2016 - 2017	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021
ECL	3.85	3.40	3.07	3.41	3.91
BCCL	3.71	3.50	3.43	3.10	4.32
CCL	1.55	1.52	1.47	1.56	1.67
NCL	3.85	3.41	3.14	2.99	3.25
WCL	4.13	4.49	3.95	3.94	5.42
SECL	1.43	1.57	1.29	1.21	1.42
MCL	0.89	0.97	0.91	0.89	1.18
NEC	9.51	10.09	10.84	9.15	17.17
CIL	2.21	2.19	2.02	2.02	2.36
SCCL	6.03	7.30	6.83	6.30	6.99
Others	3.80	3.75	2.91	4.04	3.73
All India	2.64	2.73	2.47	2.55	2.81

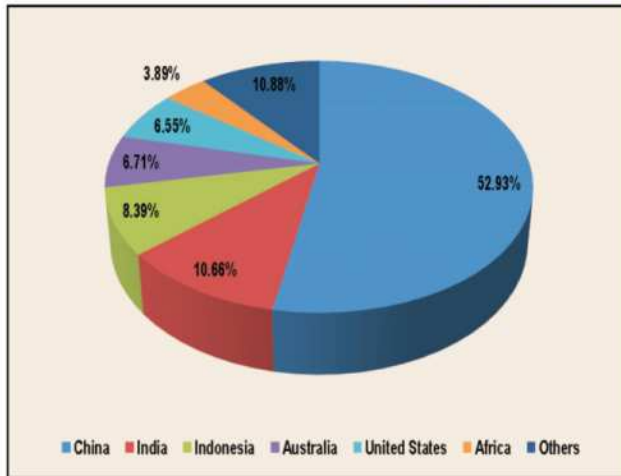
Note: 1. SECL includes GP-IV/2&3 and GP-IV/1

2. Stripping ratio is defined as the ratio of OBR to Coal produced in Open Cast mining.

Table 14: Major Coal Producing Countries in the World in 2020-21

(Quantity in Million Tonnes)

Country	Production in 2020-21	Percentage share of World
China	3558.21	52.93%
India	716.58	10.66%
Indonesia	563.73	8.39%
Australia	451.27	6.71%
United States	440.19	6.55%
Africa	261.41	3.89%
Others	731.59	10.88%
World Total	6722.97	100.00%



Source: International Energy Agency

Table 15: Number of Operational Coal and Lignite Mines during Last Five Years

Company	2016-17	2017-18	2018-19	2019-20	2020-21
Coal					
CIL	394	372	369	355	349
SCCL	47	49	49	45	47
Others Public	14	12	14	20	23
Others Private	18	19	22	22	21
All India Total Coal	473	452	454	442	440
Lignite					
Public	17	16	17	17	17
Private	2	2	2	2	2
All India Total Lignite	19	18	19	19	19



Despatch

Table 16: Despatch of Coal from 2011-12 to 2020-21

(Quantity in Million Tonnes)

Year	Coking Coal	Non-Coking Coal	Total
2011-12	51.72	483.58	535.30
2012-13	55.86	511.28	567.14
2013-14	58.46	513.60	572.06
2014-15	56.44	547.33	603.77
2015-16	59.21	573.23	632.44
2016-17	59.31	586.67	645.98
2017-18	45.38	644.62	690.00
2018-19	43.32	689.48	732.79
2019-20	50.66	656.52	707.18
2020-21	44.00	646.89	690.89
CAGR	-1.60%	2.95%	2.58%

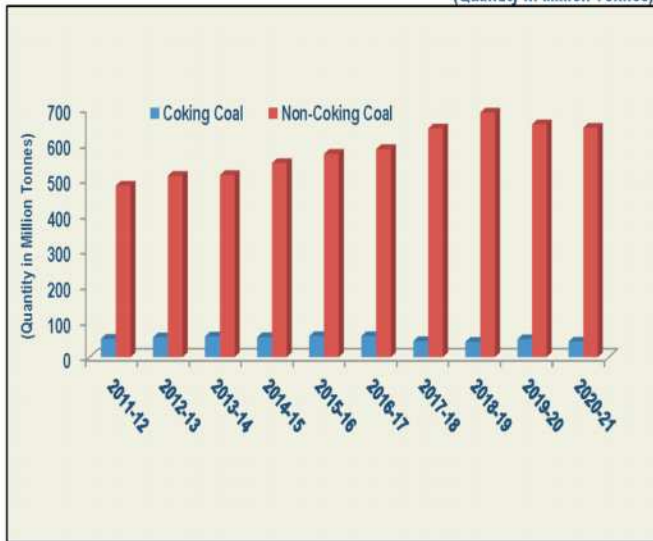


Chart 8: Coal Despatch of CIL, SCCL, and Others during 2011-12 to 2020-21



Table 17: Company Wise Monthly Despatch of Coal in 2021-22

(Quantity in Million Tonnes)

Month	CIL	SCCL	Others
Apr-21	54.10	5.44	5.94
May-21	55.07	5.79	6.26
Jun-21	51.24	5.46	5.86
Total (1st Quarter)	160.41	16.70	18.06
Growth	32.84%	97.15%	19.46%



Note: Growth has been calculated from the same quarter of the previous year.

Table 18: Captive Block Wise Despatch of Coal from 2016-17 to 2020-21

Year	Public	Private
2016-17	12.49	23.96
2017-18	16.27	25.56
2018-19	28.11	26.56
2019-20	33.52	26.44
2020-21	38.58	23.89
CAGR	25.31%	-0.06%

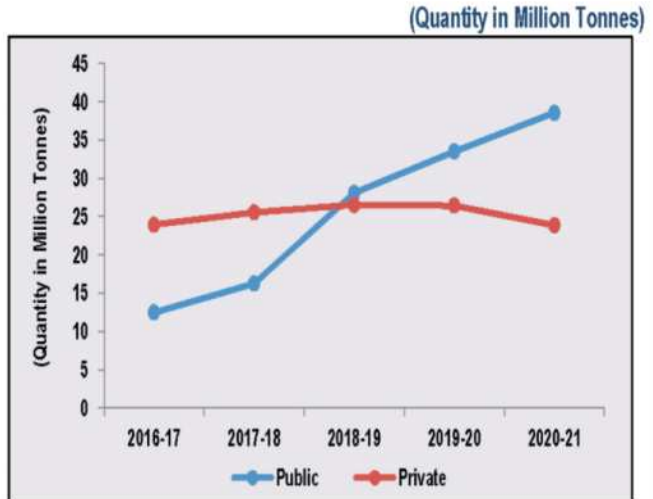


Table 19: CIL's Mode Wise Despatch of Coal from 2016-17 to 2020-21
(Quantity in Million Tonnes)

Mode	2016-17		2017-18		2018-19		2019-20		2020-21	
	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %
Rail	284.95	52.48	294.45	50.77	290.52	47.79	282.79	48.62	324.01	56.48
Road	155.00	28.55	175.34	30.23	202.18	33.26	181.91	31.27	131.05	22.85
Belt	12.02	2.21	11.44	1.97	12.25	2.02	11.26	1.94	11.33	1.98
Rope	2.01	0.37	2.05	0.35	1.83	0.30	1.72	0.30	1.73	0.30
MGR	86.87	16.00	94.51	16.30	98.97	16.28	101.84	17.51	103.78	18.09
Other	2.13	0.39	2.23	0.38	2.20	0.36	2.13	0.37	1.72	0.30
Total	542.98	100.00	580.01	100.00	607.95	100.00	581.64	100.00	573.63	100.00

Chart 9: CIL's Mode Wise Despatch of Coal during Last Five Years

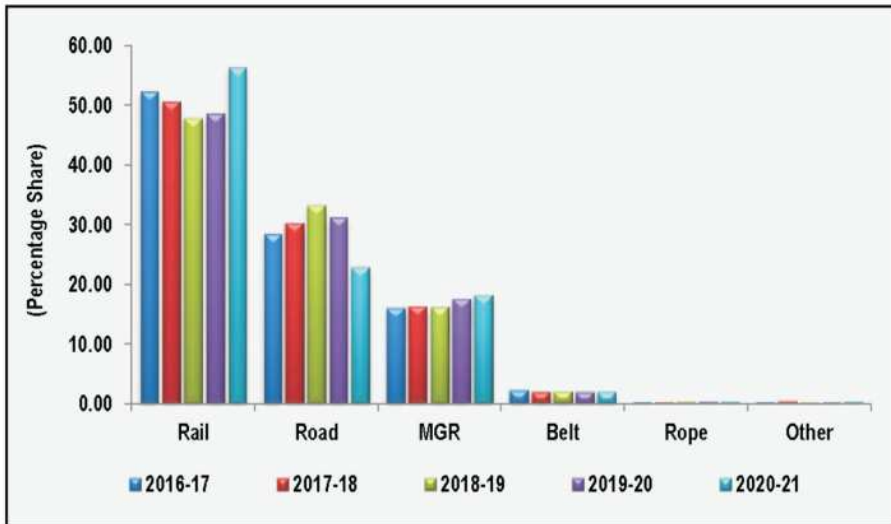


Table 20: SCCL's Mode Wise Despatch of Coal from 2016-17 to 2020-21
(Quantity in Million Tonnes)

Mode	2016-17		2017-18		2018-19		2019-20		2020-21	
	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %
Rail	39.55	65.06	39.05	60.42	45.46	67.18	44.38	91.48	34.02	70.13
Road	11.95	19.65	16.86	26.09	13.39	19.79	8.38	17.26	7.31	15.07
Belt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rope	0.38	0.62	0.42	0.66	0.34	0.50	0.38	0.79	0.34	0.71
MGR	8.51	13.99	8.13	12.59	8.36	12.36	8.20	16.90	6.84	14.09
Other	0.41	0.68	0.16	0.25	0.12	0.17	1.13	2.33	0.00	0.00
Total	60.79	100.00	64.62	100.00	67.67	100.00	48.51	100.00	48.51	100.00

Chart 10: SCCL's Mode Wise Despatch of Coal during Last Five Years

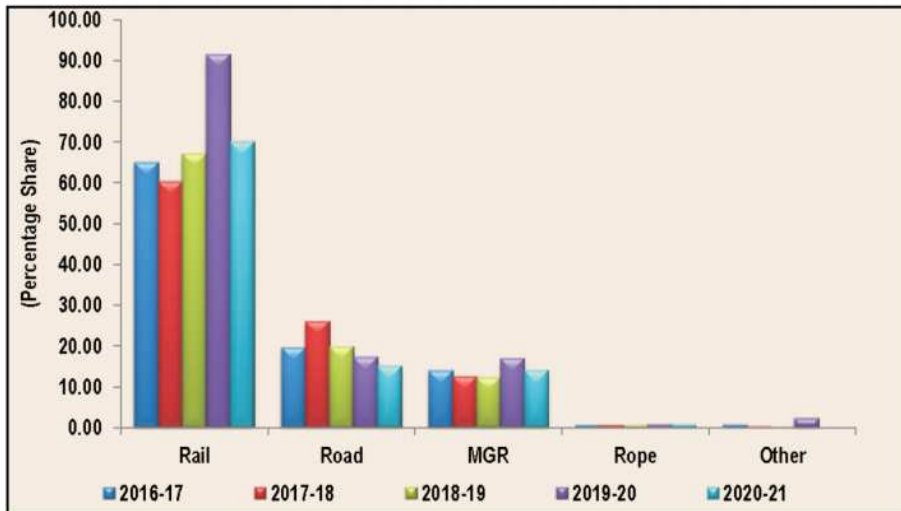


Table 21: Other Companies' Mode Wise Despatch of Coal from 2016-17 to 2020-21
(Quantity in Million Tonnes)

Mode	2016-17		2017-18		2018-19		2019-20		2020-21	
	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %
Rail	2.96	7.01	3.34	7.36	3.07	5.37	3.02	4.79	11.29	16.43
Road	32.95	78.07	35.65	78.57	47.39	82.89	53.52	84.86	33.25	48.37
Belt	6.21	14.72	6.29	13.86	6.62	11.57	6.11	9.68	5.76	8.38
Rope	0.09	0.20	0.09	0.20	0.09	0.16	0.07	0.11	0.04	0.06
MGR	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.33	3.20	4.65
Other	0.00	0.00	0.00	0.00	0.00	0.01	0.14	0.22	15.20	22.11
Total	42.21	100.00	45.37	100.00	57.17	100.00	63.07	100.00	68.75	100.00

Chart 11: Other Companies' Mode Wise Despatch of Coal during Last Five Years

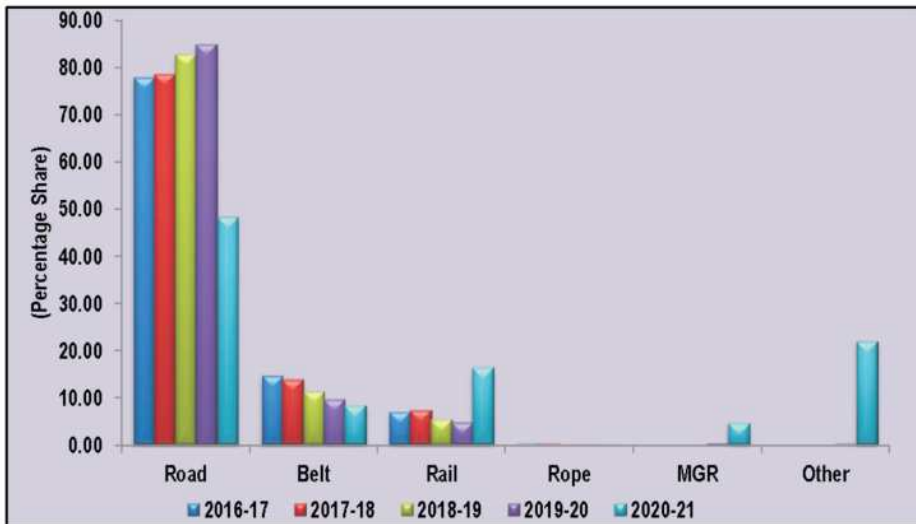


Chart 12: Comparison of Mode Wise Despatch of CIL, SCCL, and Other Companies during Last Five Years

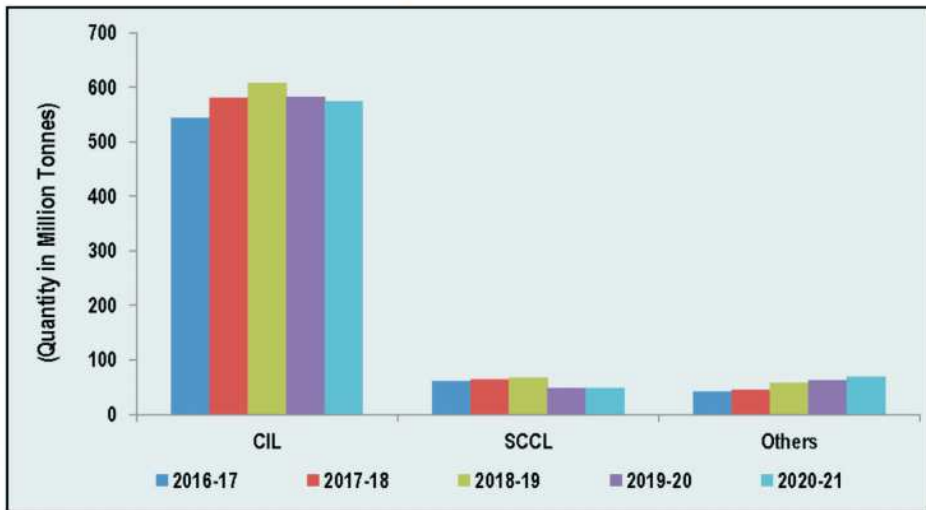


Table 22: Year Wise Despatch of Coal to Different Priority Sectors from 2011-12 to 2020-21

(Quantity in Million Tonnes)

Year	Power	Steel	Cement	Sponge Iron	Fertilisers	Others	Total Despatch
2011-12	410.37	16.05	13.18	21.69	2.82	71.19	535.30
2012-13	446.76	16.15	13.11	20.90	2.51	67.70	567.14
2013-14	448.95	16.18	11.94	18.49	2.29	74.22	572.06
2014-15	497.70	12.52	11.36	17.77	2.29	62.13	603.77
2015-16	517.77	12.52	8.99	7.76	2.30	83.11	632.44
2016-17	535.04	10.34	6.36	5.56	2.14	86.55	645.98
2017-18	585.49	11.45	7.71	8.53	1.88	74.95	690.00
2018-19	644.43	12.81	8.82	12.23	1.79	52.72	732.79
2019-20	626.15	11.91	8.57	10.53	1.76	48.26	707.18
2020-21	580.56	8.94	6.75	9.57	1.53	83.54	690.89
CAGR	3.53%	-5.68%	-6.47%	-7.85%	-5.95%	1.61%	2.58%

Chart 13: Year Wise Despatch of Coal to Different Priority Sectors from 2011-12 to 2020-21

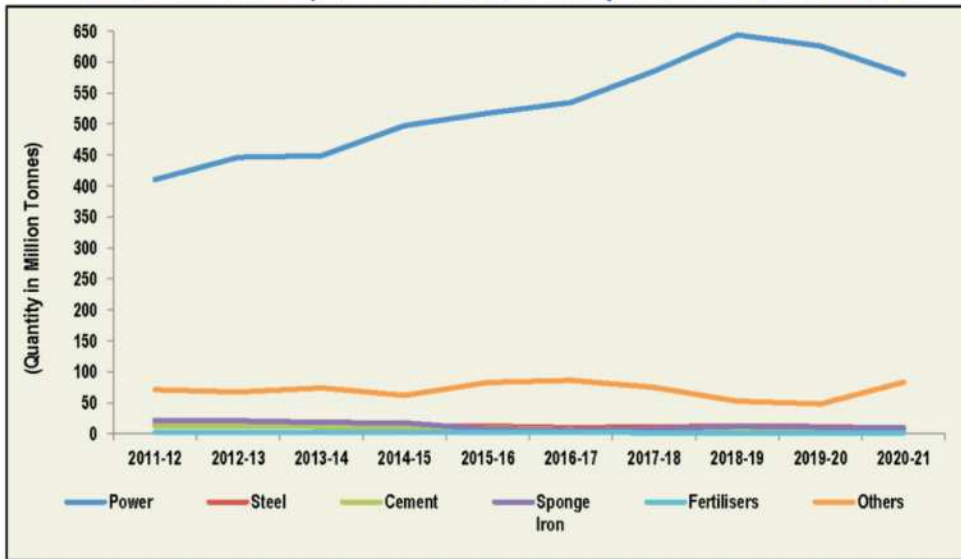


Table 23: Sectorwise Quarterly Despatch of Coal by CIL
(Quantity in Million Tonnes)

Sectors	Coal Despatch during Q1 of FY 2021-22		
	FY 21	FY 20	Growth (%) M-o-M
Power	126.53	93.58	35.21
CPP	10.79	10.82	-0.22
Steel	0.36	0.52	-30.27
Cement	1.06	0.87	22.30
Sponge Iron	1.66	2.09	-20.46
Others	19.70	12.50	57.59
Total	160.11	120.38	33.01

Source: Coal India Limited

Table 24: Sectorwise Quarterly Despatch of Coal by SCCL
(Quantity in Million Tonnes)

Sectors	Coal Despatch during Q1 of FY 2021-22		
	FY 21	FY 20	Growth (%) M-o-M
Power	13.86	7.28	90.45
CPP	0.89	0.39	127.76
Steel	-	-	-
Cement	0.73	0.24	206.30
Sponge Iron	0.03	0.01	262.50
Others	0.39	0.16	151.92
Total	16.70	8.47	97.12

Source: Singareni Collieries Company Limited

Table 25: Sectorwise Quarterly Despatch of Coal by Captive and Others

(Quantity in Million Tonnes)

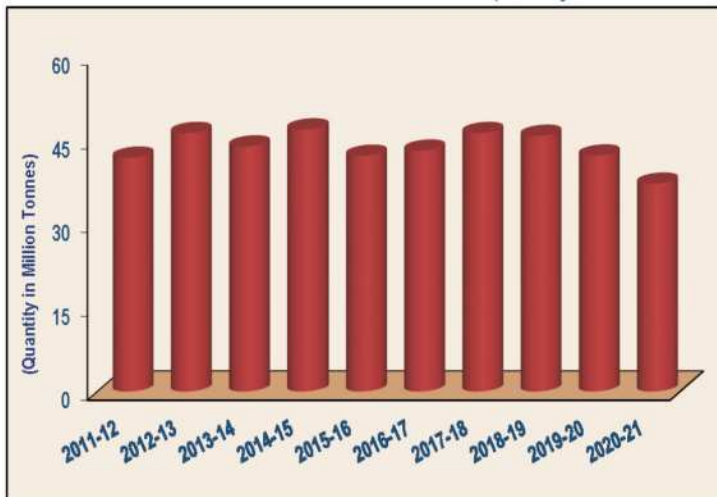
Sectors	Coal Despatch during Q1 of FY 2021-22		
	FY 21	FY 20	Growth (%) M-o-M
Power	16.80	13.05	28.75
CPP	-	-	-
Steel	1.19	1.86	-35.88
Cement	0.07	0.11	-40.00
Sponge Iron	-	-	-
Others	0.01	0.04	-87.18
Total	18.06	15.06	19.96

Source: Ministry of Coal

Table 26: Despatch of Lignite from 2011-12 to 2020-21

(Quantity in Million Tonnes)

Year	Despatch
2011-12	41.88
2012-13	46.31
2013-14	43.90
2014-15	46.95
2015-16	42.21
2016-17	43.16
2017-18	46.32
2018-19	45.81
2019-20	42.27
2020-21	37.22
CAGR	-1.17%





**Pit-head Closing
Stock**

Table 27: Pit-head Closing Stock of Coal from 2011-12 to 2021-22

(Quantity in Million Tonnes)

Year	Coking Coal	Non-Coking Coal	Total
2011-12	11.13	62.91	74.04
2012-13	8.04	55.01	63.05
2013-14	6.41	49.10	55.51
2014-15	6.96	52.43	59.39
2015-16	8.72	56.64	65.36
2016-17	11.17	65.72	76.89
2017-18	6.05	55.98	62.04
2018-19	4.14	53.51	57.64
2019-20	6.42	75.01	81.43
2020-21	7.23	101.96	109.19
CAGR	-4.23%	4.95%	3.96%

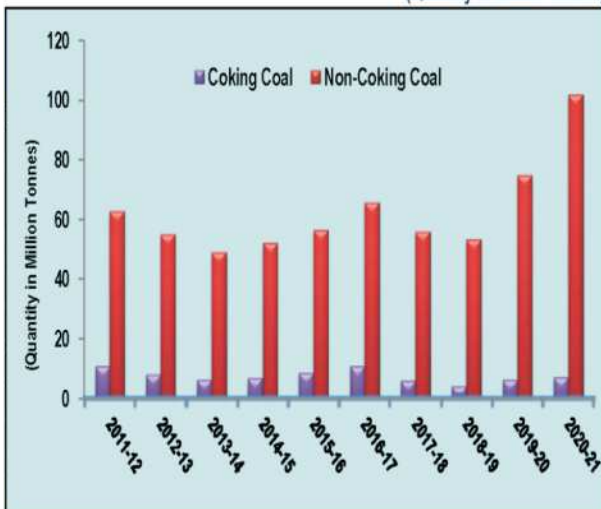
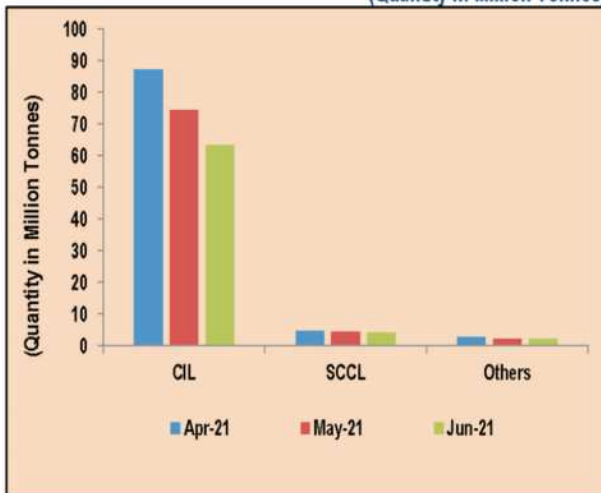


Table 28: Company Wise Monthly Pit-head Closing Stock of Coal in 2021-22

(Quantity in Million Tonnes)

Month	CIL	SCCL	Others
Apr-21	87.18	4.65	2.82
May-21	74.31	4.29	2.29
Jun-21	63.40	4.11	2.13
Total (1st Quarter)	63.40	4.11	2.13
Growth	-13.59%	-2.70%	-26.27%

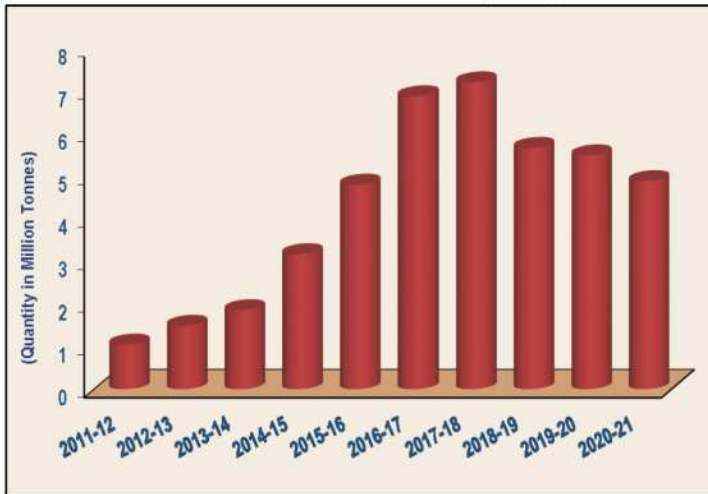


Note: Growth has been calculated from the same quarter of the previous year.

Table 29: Pit-head Closing Stock of Lignite from 2011-12 to 2020-21

(Quantity in Million Tonnes)

Year	Pit-head Closing Stock
2011-12	1.05
2012-13	1.49
2013-14	1.86
2014-15	3.18
2015-16	4.81
2016-17	6.88
2017-18	7.21
2018-19	5.67
2019-20	5.50
2020-21	4.89
CAGR	16.62%



A large cargo ship is docked at a port. A long conveyor belt system extends from the ship towards a large pile of dark material, likely coal or ore, on the shore. The scene is set against a clear sky and a body of water. A yellow rectangular area is in the top left corner, and a blue banner with white text is at the bottom left.

Export-Import

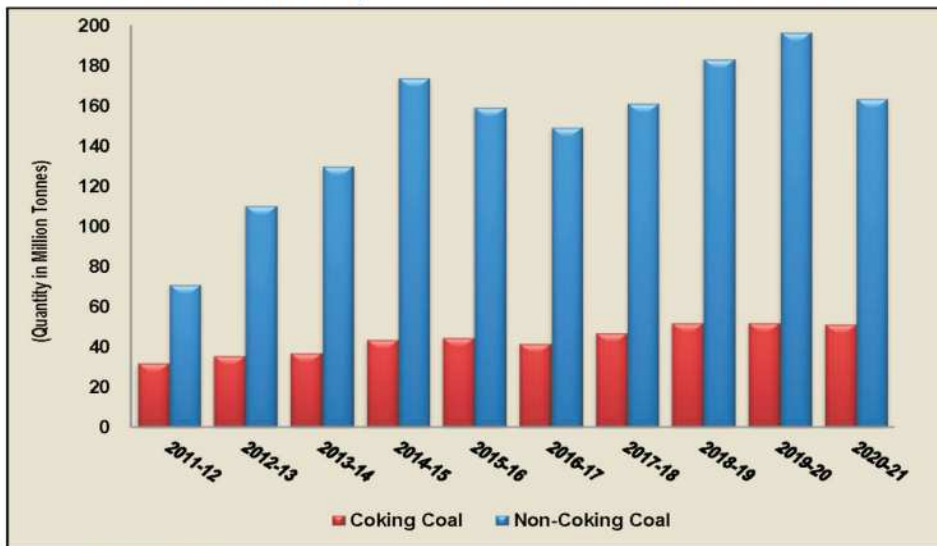
Table 30: Year Wise Import of Coal to India from 2011-12 to 2020-21

(Quantity in Million Tonnes & Value in Million Rs.)

Year	Coking Coal		Non-Coking Coal		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
2011-12	31.80	424692.34	71.05	363683.49	102.85	788375.83
2012-13	35.56	378398.09	110.23	490056.94	145.79	868455.02
2013-14	36.87	348318.65	129.98	574973.16	166.86	923291.81
2014-15	43.72	337655.59	174.07	707410.50	217.78	1045066.09
2015-16	44.56	282519.09	159.39	577818.53	203.95	860337.62
2016-17	41.64	412300.61	149.31	590013.33	190.95	1002313.94
2017-18	47.00	595226.36	161.25	789543.41	208.25	1384769.77
2018-19	51.84	720497.64	183.51	988707.26	235.35	1709204.90
2019-20	51.83	612668.32	196.70	914652.23	248.54	1527320.55
2020-21	51.29	454354.82	163.71	706017.21	214.99	1160372.03
CAGR	4.90%	0.68%	8.70%	6.86%	7.65%	3.94%

Source: DGCI&S, Kolkata

Chart 14: Year Wise Import of Coal to India from 2011-12 to 2020-21



Source: DGCI&S, Kolkata

Table 31: Month Wise Import of Coal to India during 2021-22

(Quantity in Million Tonnes)

Month	Coking Coal	Non-Coking Coal	Total
April-21	4.74	15.32	20.06
May-21	4.41	13.64	18.05
June-21	4.06	11.85	15.91
Total (1st Quarter)	13.21	40.81	54.01
Growth	48.90%	31.24%	35.16%

Source: Indian Coal Market Watch

Note: Growth has been calculated from the same quarter of the previous year.

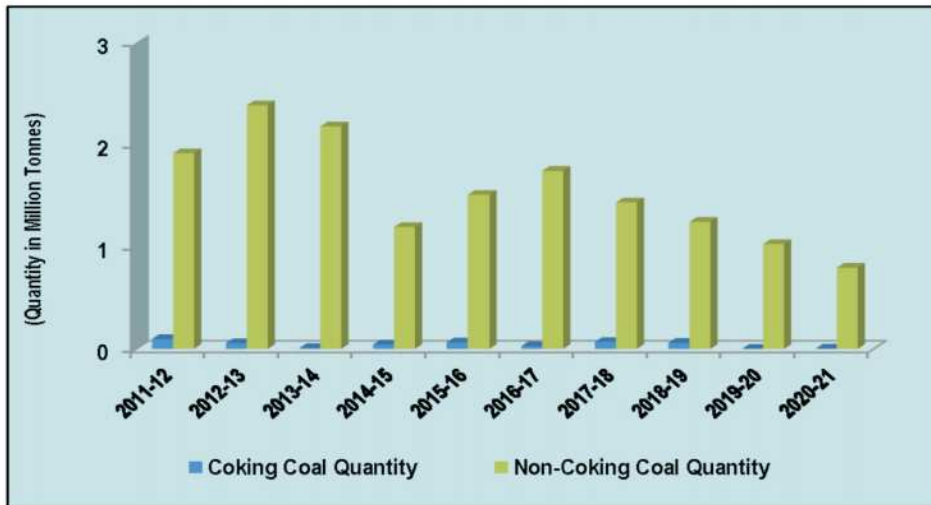
**Table 32: Year Wise Export of Coal from India from
2011-12 to 2020-21**

(Quantity in Million Tonnes & Value in Million Rs.)

Year	Coking Coal		Non-Coking Coal		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
2011-12	0.097	286.72	1.917	5525.35	2.015	5812.07
2012-13	0.056	302.18	2.387	8349.02	2.443	8651.19
2013-14	0.008	34.94	2.180	10805.12	2.188	10840.07
2014-15	0.042	413.03	1.196	6784.24	1.238	7197.27
2015-16	0.064	650.37	1.511	8348.06	1.575	8998.43
2016-17	0.027	114.53	1.746	9554.72	1.773	9669.25
2017-18	0.068	394.41	1.436	8388.62	1.504	8783.03
2018-19	0.060	911.89	1.247	8587.98	1.306	9499.87
2019-20	0.002	13.43	1.028	5818.65	1.030	5832.07
2020-21	0.003	23.09	0.797	5298.59	0.800	5321.68
CAGR	-28.92%	-22.27%	-8.41%	-0.42%	-8.82%	-0.88%

Source: DGCI&S, Kolkata

Chart 15: Year Wise Export of Coking & Non-Coking Coal during Last Ten Years



Source: DGCI&S, Kolkata

Table 33: Sector Wise Import of Coal (upto 1st Quarter 2021)**(Quantity in Million Tonnes)**

Sector	Non Coking	Coking	Total
Aluminium	0.11	0.31	0.43
Auto	0.03	0.00	0.03
Calciner	0.00	0.00	0.00
Calcium Carbide	0.21	0.00	0.21
Cement	6.01	0.17	6.17
Chemical & Petrochem	2.94	0.05	2.99
DRI	0.61	0.07	0.68
Power	9.62	0.19	9.81
Ferro Alloy	0.09	0.11	0.20
Graphite Electrode	0.00	0.00	0.00
Iron & Steel	1.50	10.85	12.35
Logistics	0.34	0.06	0.40
Lime Klin	0.00	0.00	0.00
Paper & Plywood	0.22	0.00	0.22
Pharma	0.00	0.00	0.00
Sugar	0.04	0.00	0.04
Textile	0.62	0.02	0.64
Traders	15.85	1.19	17.04
Foundry	0.00	0.00	0.00
Tyres	0.00	0.00	0.00
Others	2.61	0.20	2.81
Total	40.81	13.21	54.01

Source: Indian Coal Market Watch



Washery

Table 34: Total Number of Operational Public Washeries along with their Capacities (as on July'21)

(Unit in Million Tonnes per Annum)

Owner	Name of the Washery	Number of Washery	Capacity
Bharat Coking Coal Ltd.	Dugda	6	2.00
	Bhojudih		1.70
	Sudamdih		1.60
	Moonidih		1.60
	Mahuda		0.63
	Madhuband		2.50
Central Coalfields Ltd.	Kathara	4	3.00
	Sawang		0.75
	Rajrappa		3.00
	Kedla		2.60
Western Coalfields Ltd.	Nandan	1	1.20
Central Coalfields Ltd.	Gidi	2	2.50
	Piparwar		6.50
Steel Authority of India Ltd.	Chasnalla	1	1.40
Total Public		14	30.98

Table 35: Total Number of Operational Private Washeries along with their Capacities (as on July'21)

(Unit in Million Tonnes per Annum)

Owner	Name of the Washery	Number of Washery	Capacity
Tata Steel Ltd.	W.Bokaro-II	4	2.50
	W.Bokaro-III		2.70
	Jamadoba		1.30
	Bhelatand		1.50
Adani Enterprises Ltd.	AEL	1	15.00
Aryan Coal Benefication (India) Ltd.	Chakabura	8	7.50
	Dipka		14.00
	Pander Pauni		2.62
	Gevra		6.25
	Binjhri		4.80
	Hemgir		5.00
	Ratija		11.00
	Talcher		9.52
Aryan Energy Pvt. Ltd.	Talcher	1	2.34
CESC	Sarisatali	1	1.50
Global Coal & Mining Pvt. Ltd.	IB Valley	3	3.50
	Talcher		4.00
	Manuguru		0.22
Jindal Power Ltd.	JPL	1	4.75
Kartikay Coal Washeries Pvt. Ltd	Wani	1	2.50
Maruti Clean Coal	Maruti	1	6.60
Total Private		21	109.10



**National Coal
index**

Table 36: National Coal Index (Base 2017-18) for 2021-22

Price Channel	Apr'21	May'21	June'21
Indian coal	103.87	103.77	106.48
Non-coking	109.15	110.38	114.08
Coking	88.66	84.75	84.58
Non-coking, top grade (G1-G6 or imported)	110.23	117.21	120.75
Non-coking, middle grade (G7-G14 or imported)	108.96	108.28	112.07
Non-coking, bottom grade (G15-G17)	90.73	93.18	93.01
Coking, top grade (STI-STII or imported)	81.67	76.69	76.71
Coking, bottom grade (WI-WIV)	116.5	116.89	115.95

Note: NCI is provisional as the Import Data is Provisional

Table 37: Representative Prices of Different Grades of Coal on the basis of National Coal Index

(in INR per Tonne)

Grade	Notified Price of CIL	Apr'21	May'21	June'21	Growth(%)
G1	NA	6765	7124	7270	-
G2	3298	4666	5009	5149	56.13
G3	3154	4473	4765	4910	55.67
G4	3010	4373	4696	4906	63.00
G5	2747	4166	4467	4556	65.86
G6	2534	3760	4035	4291	69.32
G7	2321	2725	2783	2803	20.75
G8	1767	2545	2622	2658	50.41
G9	1378	2211	2231	2248	63.10
G10	1238	2011	1981	1969	59.08
G11	1155	1593	1605	1616	39.90
G12	1073	1429	1425	1496	39.41
G13	990	1359	1355	1389	40.32
G14	907	1176	1163	1175	29.51
G15	718	808	814	808	12.60
G16	614	627	668	668	8.78
G17	546	575	575	575	5.38
ST-I	6153	10678	10012	10014	62.75
ST-II	5917	9696	9090	9093	53.67
W-I	5280	5790	5790	5790	9.66
W-II	4416	4574	4574	4574	3.57
W-III	3519	3758	3761	3854	9.52
W-IV	3326	3087	3095	3049	-8.32

Note: Non-coking coal notified price of CIL and coking coal notified price of BCCL are given above.



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