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Azadi Ka
Amrit Mahotsav



सत्यमेव जयते



GOVERNMENT OF INDIA

Quarterly Booklet on Coal & Lignite Sectors

(2nd Quarter 2024-25)



MINISTRY OF COAL

Website : <http://www.coal.nic.in>

Quarterly Booklet on Coal & Lignite Sector

(Figures of 2024-25 are provisional)

**Any suggestions for improvement are most welcome
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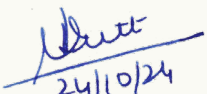
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This booklet represents a significant initiative by the Statistics Division to provide a clear and concise overview of the Coal and Lignite sectors. It has been crafted as a compact yet thorough resource, designed to offer easily accessible information that will assist in the development and implementation of relevant policy changes. I hope this quarterly publication becomes an essential reference for policymakers and research professionals, enabling them to create innovative and tailored strategies to enhance the efficiency and effectiveness of this industry.

I would like to extend my heartfelt thanks to the dedicated team of the Statistics Division, whose hard work was crucial in bringing this valuable publication to fruition. I also wish to express my sincere appreciation to all stakeholders whose contributions were vital in preparing this report.

Place : New Delhi

Dated : 24.10.2024


24/10/24
(Vikram Dev Dutt)

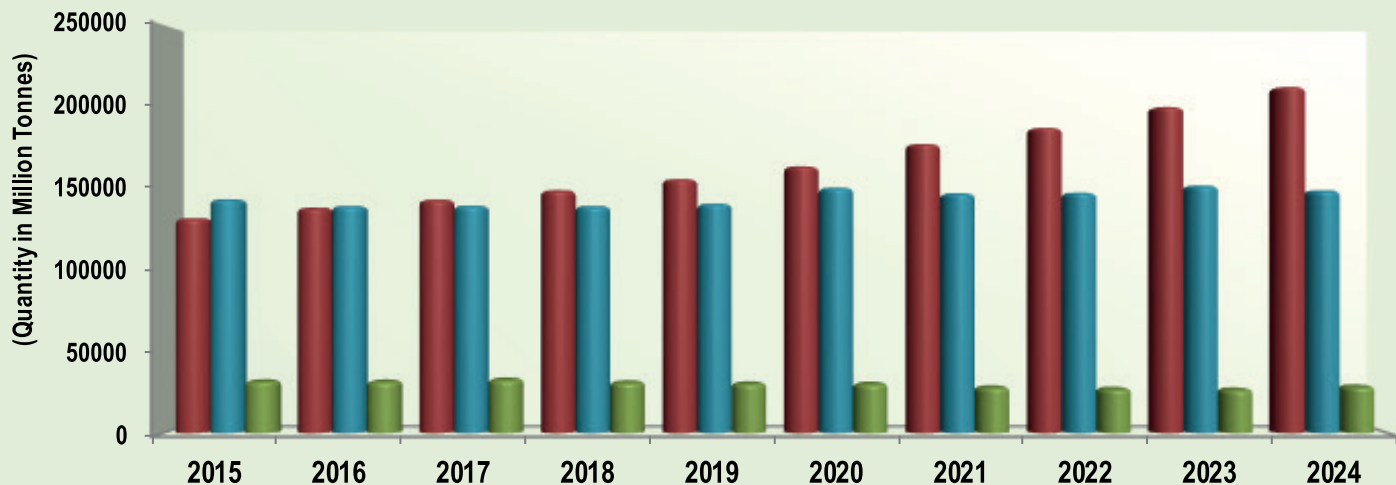
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Resources & Exploration



Chart 1: Inventory of Geological Resources & Exploration of Coal during Last Ten Years (as on 1st April)



	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Proved	131614	138087	143058	148787	155614	163461	177179	187105	199904	212207
Indicated	143241	139151	139311	139164	140501	150392	146949	147252	151682	148717
Inferred	31739	31563	32779	31069	30381	30168	27998	27054	26621	28498

Source: Geological Survey of India

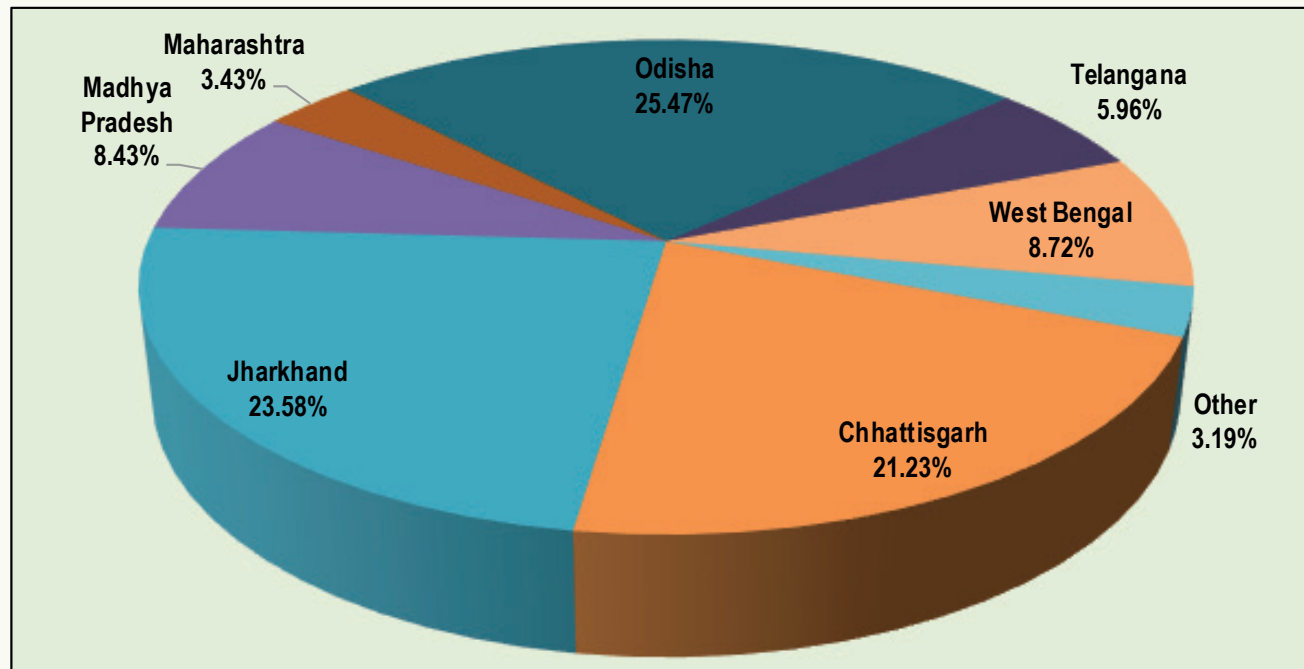
**Table 1 : State Wise Inventory of Geological Resources & Exploration of Coal
during Last Ten Years as on 1st April**

(Quantity in MT)

State	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Andhra Pradesh	22468	1581	1581	1581	1581	1607	1607	2247	4142	4172	4172
Arunachal Pradesh	90	90	90	90	90	90	90	90	90	90	90
Assam	514	515	525	525	525	525	525	525	525	525	525
Bihar	160	160	160	1354	1367	1834	2751	3464	4437	5398	5398
Chhattisgarh	52533	54912	56036	56661	57206	59908	69432	73424	74192	80774	82666
Jharkhand	80716	81049	81172	82440	83152	84506	85602	86217	86660	87838	91812
Madhya Pradesh	25673	26536	26907	27673	27987	28793	29285	30217	30917	32219	32815
Maharashtra	10964	11253	11436	12259	12299	12677	12728	12936	13221	13336	13352
Meghalaya	576	576	576	576	576	576	576	576	576	576	583
Nagaland	315	315	315	410	410	446	446	446	478	478	478
Odisha	75073	75799	75896	77285	79295	80840	84652	84878	88105	94519	99204
Sikkim	101	101	101	101	101	101	101	101	101	101	101
Telangana		21211	21415	21464	21702	21839	22225	22851	23034	23186	23206
Uttar Pradesh	1062	1062	1062	1062	1062	1062	1062	1062	1061	1061	1062
West Bengal	31318	31435	31529	31667	31667	31690	32937	33092	33871	33933	33958
All India	301564	306596	308802	315148	319020	326496	344021	352126	361411	378207	389421

Source: Geological Survey of India

**Chart 2: Percentage Share of State Wise Inventory of Geological Resources & Exploration of Coal
as on 1st April 2024**



Source: Geological Survey of India

Note: Share of Others include Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Meghalaya, Nagaland, Sikkim, and Uttar Pradesh.

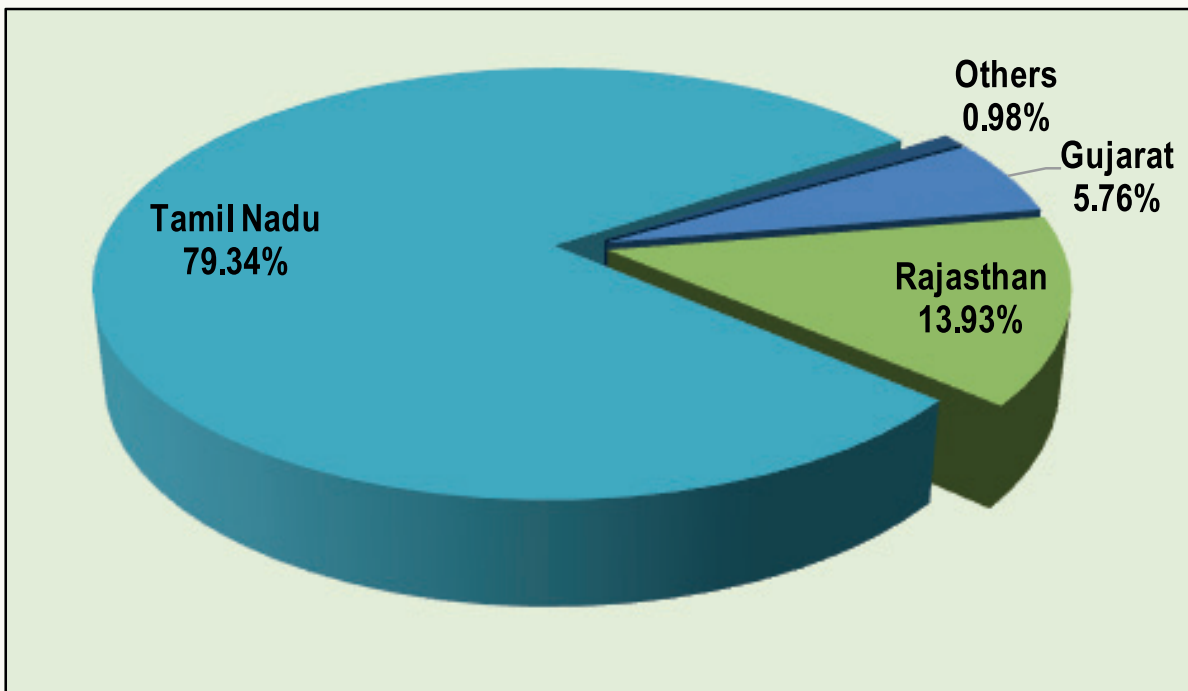
Table 2: State Wise Inventory of Geological Resources & Exploration of Lignite during Last Ten Years as on 1st April

(Quantity in MT)

State	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Gujarat	2722	2722	2722	2722	2722	2722	2722	2722	2722	2722	2722
J & K	28	28	28	28	28	28	28	28	28	28	28
Kerala	10	10	10	10	10	10	10	10	10	10	10
Pondicherry	417	417	417	417	417	417	417	417	417	417	417
Rajasthan	5720	5727	5736	5736	6349	6349	6349	6349	6586	6586	6586
Tamil Nadu	34348	35209	35680	35782	36135	36230	36490	36490	37597	37597	37524
West Bengal	3	3	3	4	4	4	4	4	4	4	4
Odisha	0	0	0	0	0	0	0	0	6	6	6
All India	43247	44114	44595	44698	45664	45759	46018	46018	47369	47369	47296

Source: Geological Survey of India

Chart 3: State Wise Inventory of Geological Resources & Exploration of Lignite as on 1st April 2024



Source: Geological Survey of India

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

Production



Table 3: Production of Coal from FY 2014-15 to FY 2023-24

(Quantity in MT)

Year	Coking Coal	Non-Coking Coal	Total
FY 15	57.45	551.73	609.18
FY 16	60.89	578.34	639.23
FY 17	61.66	596.21	657.87
FY 18	40.15	635.25	675.40
FY 19	41.13	687.59	728.72
FY 20	52.94	677.94	730.87
FY 21	44.79	671.30	716.08
FY 22	51.70	726.51	778.21
FY 23	60.76	832.43	893.19
FY 24	66.82	931.01	997.83
CAGR	1.69%	5.99%	5.64%

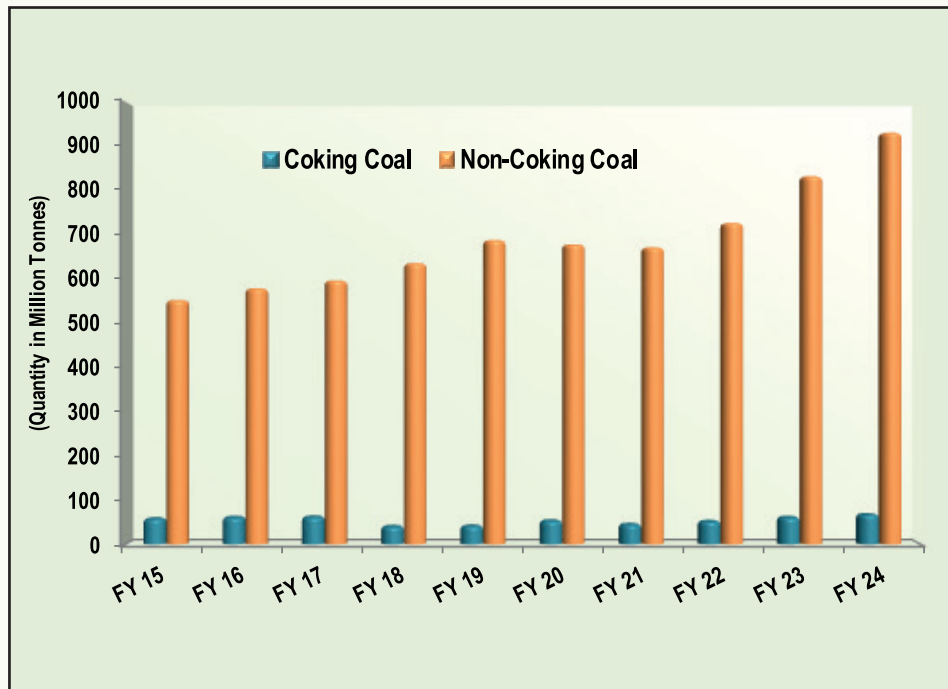


Table 4: State Wise Coal Production from FY 2014-15 to FY 2023-24

(Quantity in MT)

State	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	CAGR
Assam	0.78	0.49	0.60	0.78	0.78	0.52	0.04	0.03	0.20	0.20	-14.02%
Chhattisgarh	134.76	130.61	138.53	142.55	161.89	157.75	158.41	154.12	184.90	207.26	4.90%
Jammu & Kashmir	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.25%
Jharkhand	124.14	121.07	126.44	123.30	134.67	131.76	119.30	130.11	156.48	191.16	4.91%
Madhya Pradesh	87.61	107.71	105.01	112.13	118.66	125.73	132.53	137.98	146.03	159.23	6.86%
Maharashtra	38.26	38.35	40.56	42.22	49.82	54.75	47.44	56.53	63.62	69.28	6.82%
Meghalaya	2.52	3.71	2.31	1.53	-	-	-	-	-	-	-
Odisha	123.63	138.46	139.36	143.33	144.31	143.02	154.15	185.07	218.98	239.40	7.62%
Telangana	52.54	60.38	61.34	62.01	65.16	65.70	52.60	67.23	69.64	72.52	3.65%
Uttar Pradesh	14.96	12.69	16.06	18.31	20.28	18.03	17.02	18.07	20.54	21.51	4.12%
West Bengal	29.97	25.75	27.67	29.24	33.14	33.61	34.60	29.07	32.80	37.26	2.45%
Total	609.18	639.23	657.87	675.40	728.72	730.87	716.08	778.21	893.19	997.83	5.64%

Chart 4: State Wise Coal Production during Last Ten Years

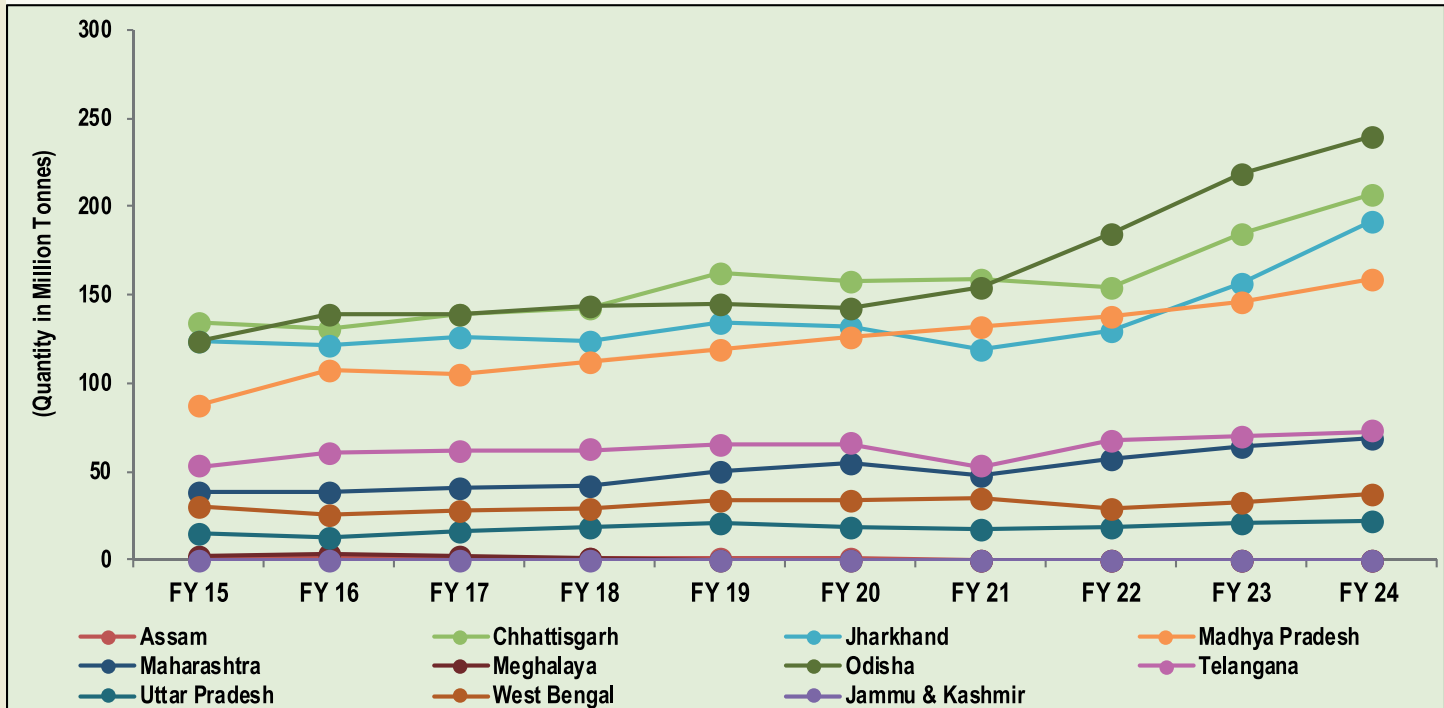


Table 5: Month and State Wise Coal Production in FY 2024-25

(Quantity in MT)

State	Apr-24	May-24	Jun-24	Qtr. 1st	Jul-24	Aug-24	Sep-24	Qtr. 2nd	Total	Growth(%)
Jharkhand	14.00	14.96	15.55	44.51	15.33	13.41	13.30	42.04	86.55	12.11%
Odisha	19.12	21.16	21.40	61.68	19.69	18.59	19.64	57.92	119.60	15.76%
Chattisgarh	15.64	16.45	17.45	49.54	13.70	10.52	12.51	36.73	86.27	-0.92%
Madhya Pradesh	13.12	14.42	14.18	41.72	13.41	9.59	12.05	35.05	76.77	0.08%
Maharastra	6.65	6.48	5.82	18.95	2.71	2.77	3.57	9.05	28.00	13.08%
Uttar Pradesh	1.79	1.62	1.97	5.38	2.27	1.81	1.78	5.86	11.24	6.14%
West Bengal	2.70	2.93	2.61	8.24	2.50	1.95	2.15	6.60	14.84	-5.09%
Assam	0.02	0.02	0.01	0.05	0.02	0.02	0.02	0.06	0.11	120.00%
Telangana	5.68	5.93	5.72	17.33	4.39	3.96	3.95	12.30	29.63	-8.81%
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-100.00%
Total	78.72	83.97	84.72	247.40	74.00	62.63	68.96	205.60	453.00	5.88%

Note: Growth has been calculated from H1 FY 24 to H1 FY 25.

Chart 5: Month and State Wise Coal Production in FY 2024-25

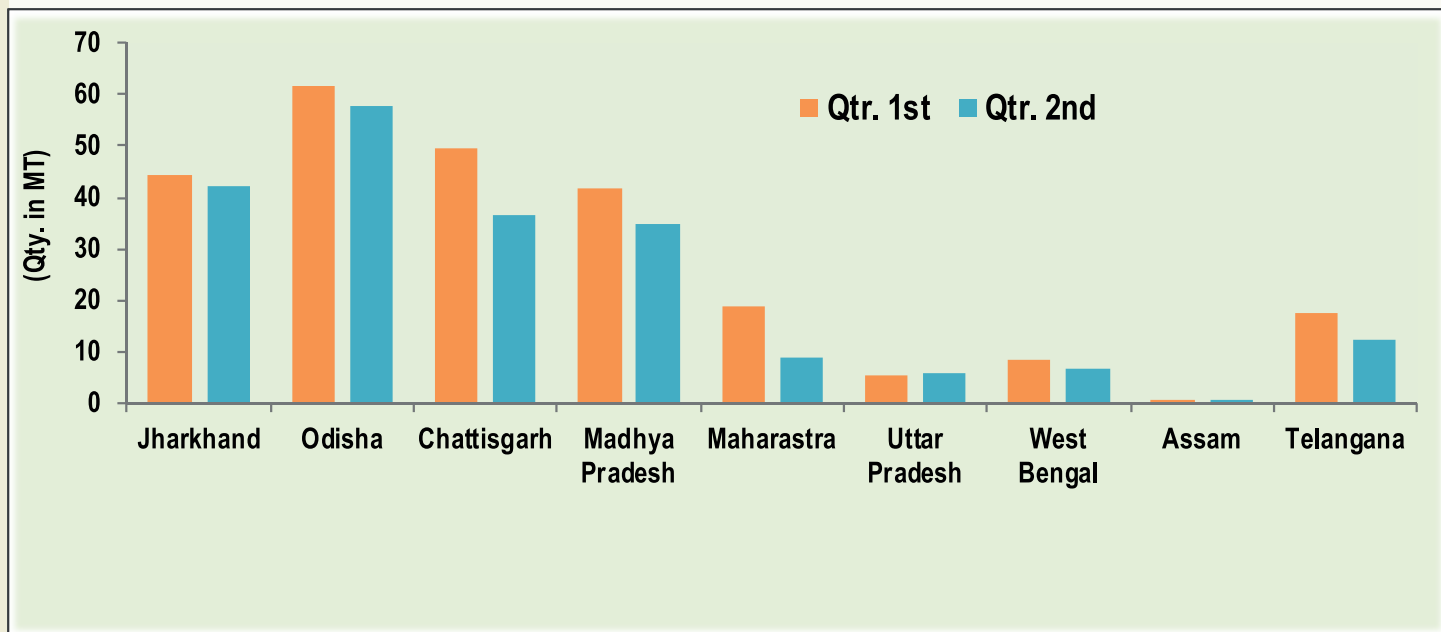
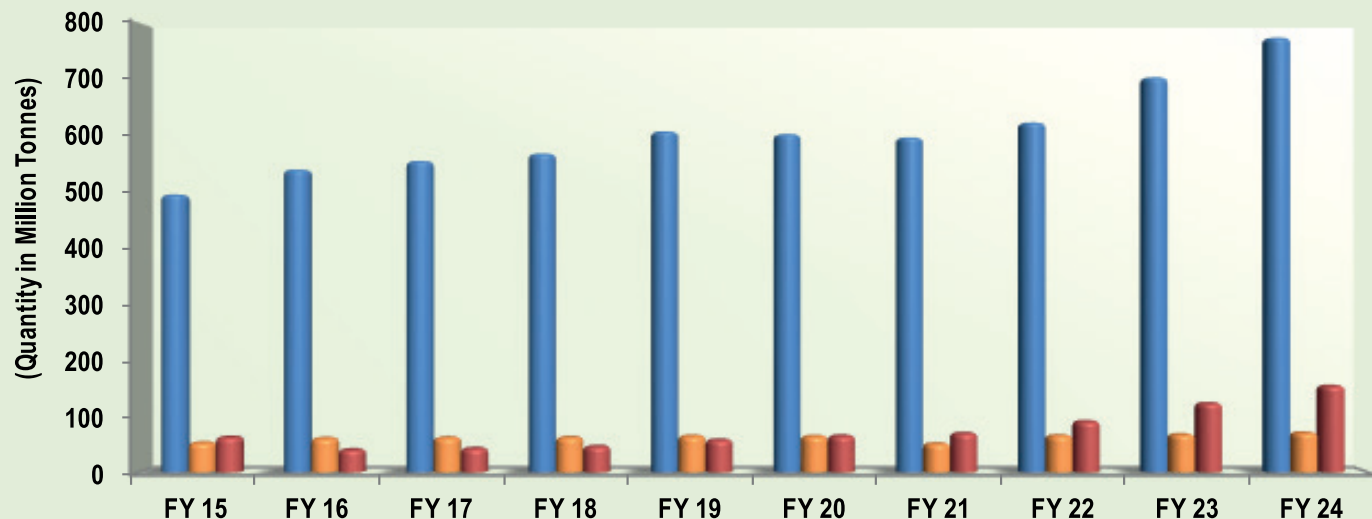


Chart 6: Coal Production of CIL, SCCL, and Other Companies during FY 2014-15 to FY 2023-24

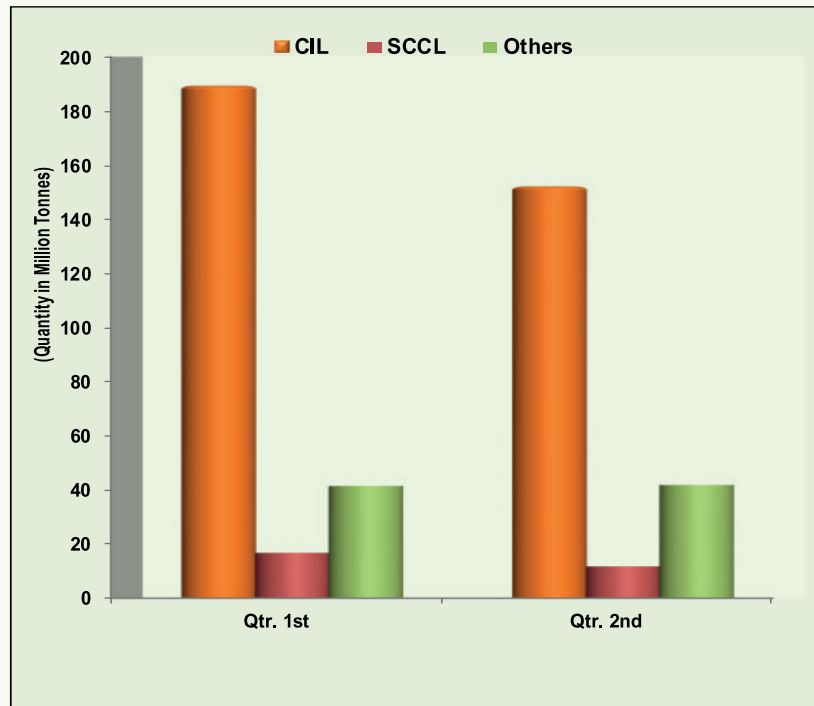


	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
 CIL	494.23	538.75	554.14	567.37	606.89	602.13	596.22	622.63	703.20	773.81
 SCCL	52.54	60.38	61.34	62.01	64.40	64.04	50.58	65.02	67.14	70.02
 Others	62.41	40.10	42.39	46.02	57.43	64.70	69.28	90.56	122.85	154.00

Table 6: Company Wise Monthly Production of Coal in FY 2024-25

(Quantity in MT)

Month	CIL	SCCL	Others	Total
April	61.78	5.48	11.46	78.72
May	64.41	5.73	13.83	83.97
June	63.10	5.50	16.12	84.72
Qtr. 1st	189.29	16.71	41.41	247.40
July	55.04	4.23	14.73	74.00
August	46.06	3.76	12.81	62.63
September	50.95	3.75	14.26	68.96
Qtr. 2nd	152.05	11.74	41.80	205.60
Total	341.34	28.45	83.21	453.00
Growth	2.54%	-9.17%	30.81%	5.88%



Note: Growth has been calculated from H1 FY 24 to H1 FY 25.

Table 7: Captive Blocks Production of Coal from FY 2019-20 to FY 2023-24

(Quantity in MT)

Year	Production in Public Captive Blocks	Production in Private Captive Blocks
FY 20	32.05	32.65
FY 21	39.15	30.13
FY 22	59.79	30.77
FY 23	83.52	39.33
FY 24	105.97	48.03
CAGR	34.84%	10.13%

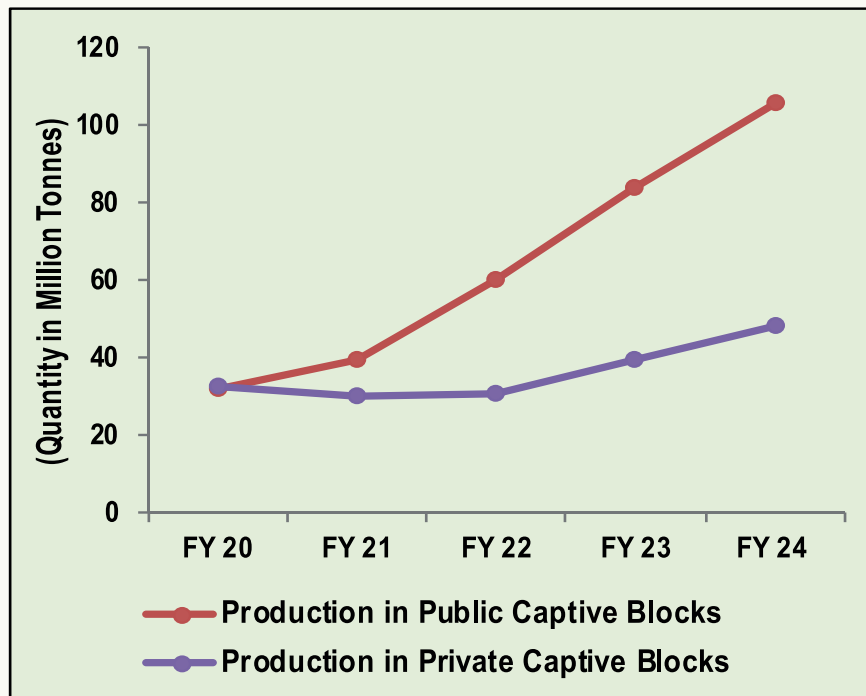
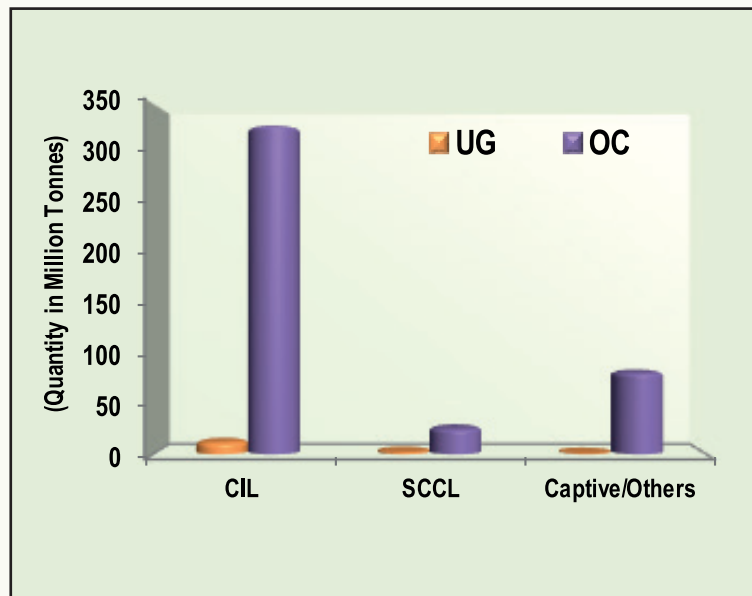


Table 8: Open Cast & UG Coal Production during Apr-Sep 2024

(Quantity in MT)

Company	Qtr. 1st		Qtr. 2nd		Total
	UG	OC	UG	OC	
CIL	6.13	183.16	6.01	146.04	341.34
SCCL	1.36	15.35	1.11	10.63	28.45
Captive/ Others	0.49	40.92	0.59	41.21	83.21
Total	7.98	239.43	7.71	197.88	453.00
Growth	-7.06%	11.47%	-9.86%	1.01%	5.88%



Note: Growth has been calculated from Q1 and Q2 FY 24 to Q1 and Q2 FY 25.

Table 9: Production of Lignite from FY 2014-15 to FY 2023-24

(Quantity in MT)

Year	Production
FY 15	48.27
FY 16	43.84
FY 17	45.23
FY 18	46.64
FY 19	44.28
FY 20	42.10
FY 21	37.90
FY 22	47.49
FY 23	44.03
FY 24	42.92
CAGR	-1.30%

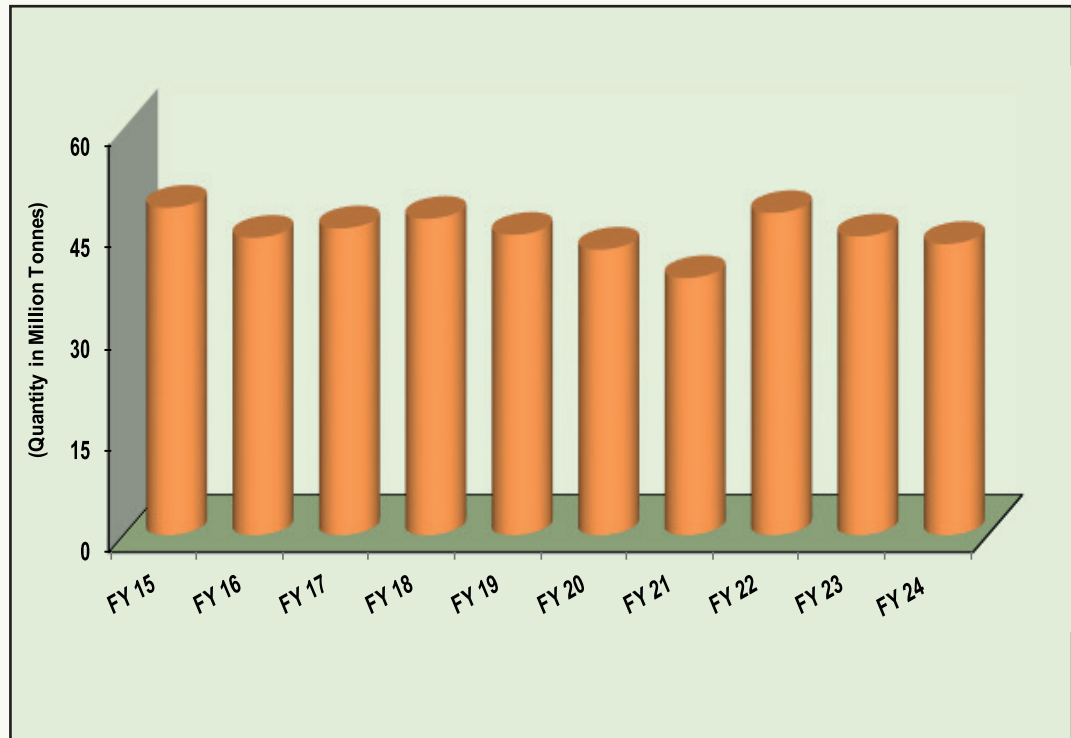


Table 10: State Wise Lignite Production from FY 2014-15 to FY 2023-24

(Quantity in MT)

State	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	CAGR
Gujarat	12.32	10.12	10.55	13.78	12.57	10.36	10.81	13.33	12.31	11.33	-0.93%
Rajasthan	10.76	9.49	8.48	9.29	8.68	8.22	9.06	10.53	10.20	10.02	-0.80%
Tamil Nadu	25.19	24.23	26.20	23.57	23.04	23.52	18.03	23.64	21.52	21.58	-1.70%
Total	48.27	43.84	45.23	46.64	44.28	42.10	37.90	47.49	44.03	42.92	-1.30%

Chart 7: State Wise Lignite Production during Last Ten Years

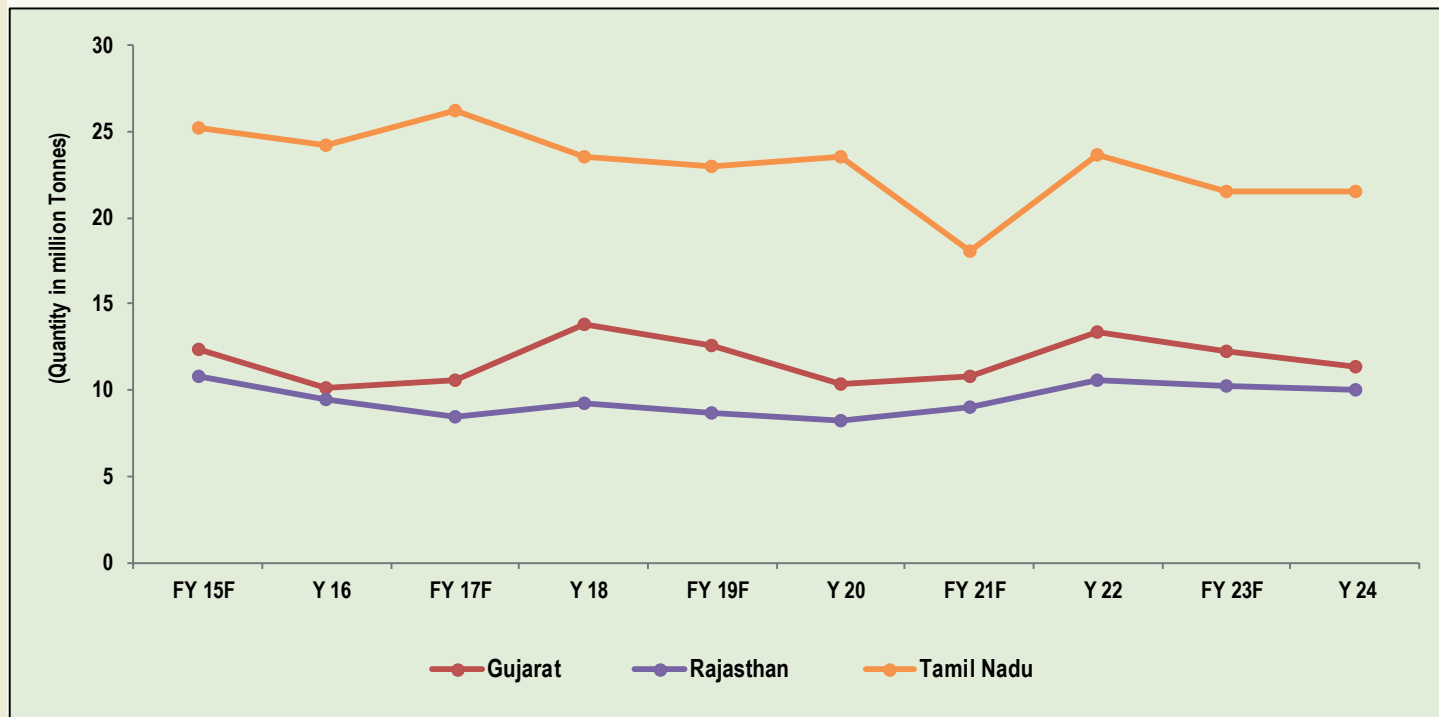
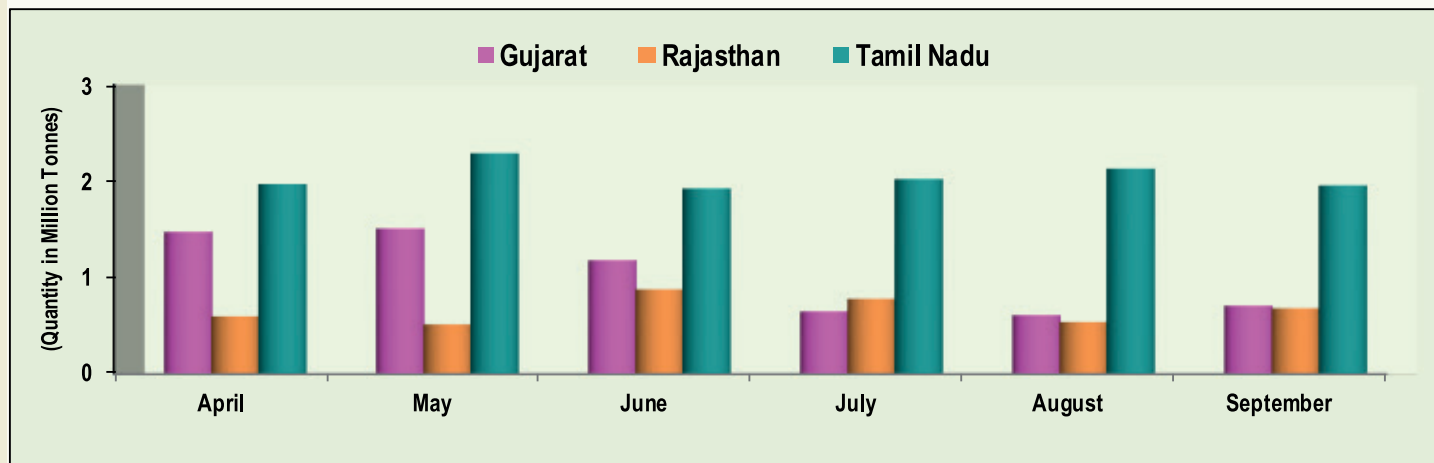


Table 11: State Wise Monthly Lignite Production during FY 2024-25

(Quantity in MT)

State	April	May	June	Qtr. 1st	July	August	September	Qtr. 2nd	Total	Growth
Gujarat	1.47	1.51	1.18	4.16	0.65	0.61	0.71	1.97	6.13	34.91%
Rajasthan	0.60	0.52	0.88	1.99	0.78	0.54	0.68	2.00	3.99	9.37%
Tamil Nadu	1.97	2.29	1.93	6.18	2.02	2.13	1.96	6.11	12.29	14.99%
Total	4.04	4.31	3.98	12.34	3.45	3.28	3.35	10.08	22.41	18.70%

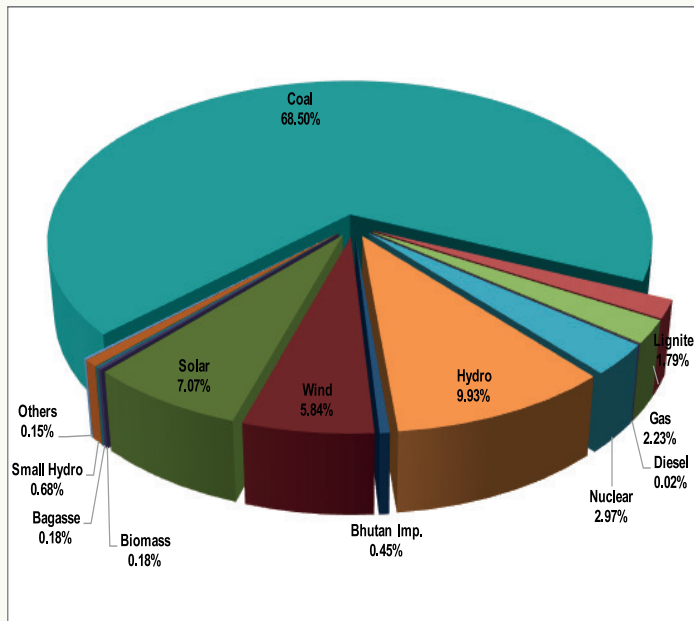


Note: Growth has been calculated from H1 FY 24 to H1 FY 25.

Table 12: Month Wise Power Generation from Different Energy Source during Apr-Sep' 2024

(in BU)

Source	April	May	June	July	August	September	Total	Growth
Coal	116.70	119.64	113.41	105.94	99.12	96.93	651.74	4.96%
Lignite	3.22	3.03	2.81	2.77	2.52	2.65	17.00	5.59%
Gas	3.72	5.16	4.61	2.66	2.52	2.50	21.18	23.76%
Diesel	0.04	0.04	0.03	0.04	0.04	0.03	0.22	11.28%
Nuclear	4.44	4.45	4.22	4.80	5.49	4.90	28.30	22.67%
Hydro	8.11	12.60	14.17	17.56	21.57	20.50	94.50	4.16%
Bhutan Imp.	0.08	0.13	0.54	1.17	1.17	1.22	4.30	3.93%
Total Conventional	136.31	145.05	139.79	134.94	132.43	128.72	817.23	5.82%
Wind	4.73	8.26	10.14	13.63	10.27	8.53	55.55	-3.59%
Solar	12.02	12.65	11.45	10.36	10.16	10.62	67.25	16.57%
Biomass	0.28	0.30	0.27	0.28	0.30	0.29	1.72	2.09%
Bagasse	0.78	0.32	0.19	0.13	0.13	0.13	1.68	-20.82%
Small Hydro	0.59	0.74	0.78	1.32	1.60	1.46	6.49	12.66%
Others	0.23	0.25	0.23	0.25	0.25	0.25	1.46	7.69%
Total Renewable	18.64	22.50	23.05	25.97	22.71	21.28	134.14	6.27%
Total Generation	154.95	167.55	162.84	160.90	155.13	150.01	951.38	5.88%



Source: Central Electricity Authority (CEA)

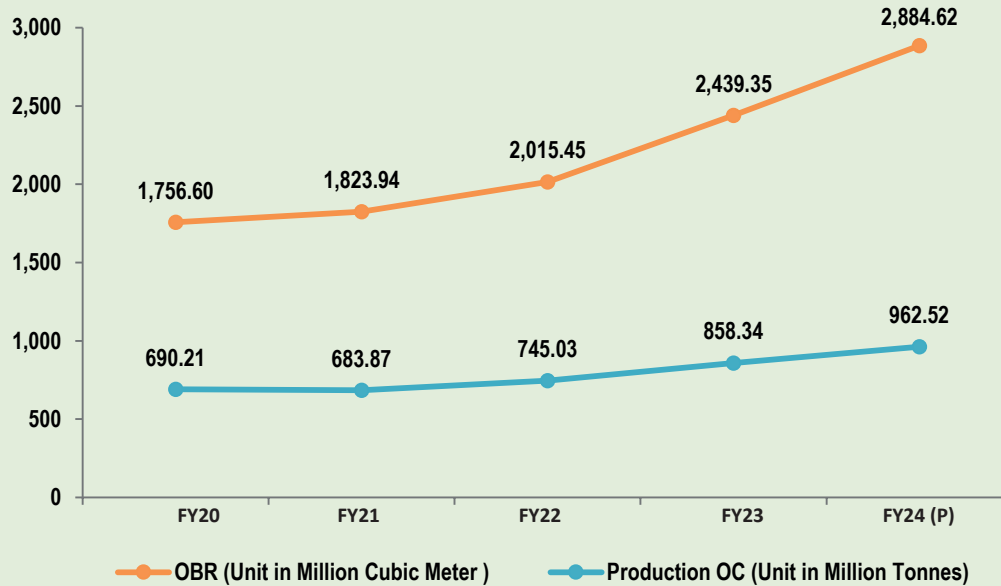
Note: Growth has been calculated from H1 FY 24 to H1 FY 25.

Table 13: Company Wise Over Burden Removal during Last Five Years

(OBR in M. CuM)

Companies	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	CAGR
ECL	140.46	139.59	118.99	133.13	170.28	4.93%
BCCL	82.65	3.80	105.37	114.47	152.86	16.62%
CCL	103.36	103.58	100.07	106.58	121.33	4.09%
NCL	323.23	373.44	362.65	453.20	492.47	11.10%
WCL	210.66	254.19	247.12	325.61	380.54	15.93%
SECL	164.74	196.38	195.22	263.39	321.19	18.17%
MCL	124.51	173.15	206.17	229.53	276.49	22.07%
NEC	4.73	0.62	0.00	1.95	2.43	-15.31%
CIL	1154.33	1244.74	1335.59	1627.86	1917.59	13.53%
SCCL	348.98	322.55	383.39	410.11	417.34	4.57%
Captive/Others	253.29	256.64	296.46	401.38	487.43	17.78%
All India	1756.60	1823.94	2015.45	2439.35	2822.36	12.59%

Chart 8: Comparison of OBR and Production (OC) of India during Last Five Years



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

Table 14: Company Wise Stripping Ratio during Last Five Years

Companies	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
ECL	3.41	3.91	5.08	5.11	4.44
BCCL	3.10	0.16	3.55	3.23	3.79
CCL	1.56	1.67	1.47	1.42	1.42
NCL	2.99	3.25	2.96	3.46	3.62
WCL	3.94	5.42	4.52	5.30	5.74
SECL	1.21	1.42	1.49	1.70	1.83
MCL	0.89	1.17	1.23	1.19	1.34
NEC	9.15	17.19	0.00	9.73	12.16
CIL	2.02	2.18	2.24	2.40	2.56
SCCL	6.30	7.00	6.52	6.84	6.51
Captive/Others	4.04	3.77	3.32	3.33	3.21
All India	2.55	2.67	2.71	2.84	2.93

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

Table 15: Major Coal Producing Countries in the World in 2023

(Quantity in MT)

Country	Production in 2023	Percentage share of World
China	4710.00	51.78%
India	1010.90	11.11%
Indonesia	775.20	8.52%
Australia	455.80	5.01%
United States	526.50	5.79%
Russia	432.50	4.76%
South Africa	228.50	2.51%
Others	956.20	10.51%
World Total	9095.60	100.00%

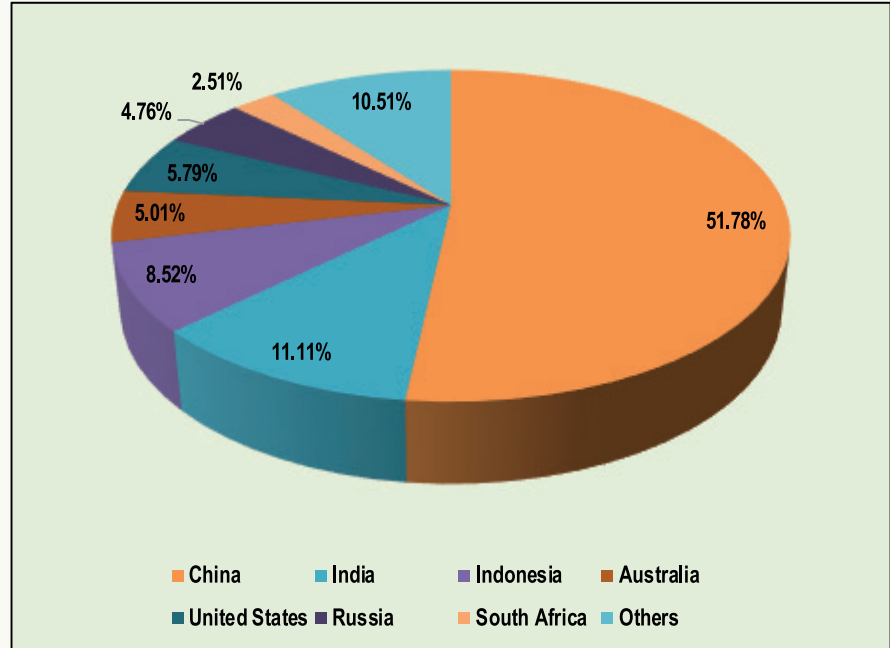


Table 16: Number of Operational Coal and Lignite Mines during Last Five Years

Company	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Coal					
CIL	355	349	401	322	313
SCCL	45	47	45	42	39
Others Public	20	24	22	30	30
Others Private	22	22	19	28	26
All India Total Coal	442	442	487	422	408
Lignite					
Public	17	17	17	17	17
Private	2	3	3	3	3
All India Total Lignite	19	20	20	20	20

Despatch



Table 17: Despatch of Coal from FY 2014-15 to FY 2023-24

(Quantity in MT)

Year	Coking Coal	Non-Coking Coal	Total
FY 15	56.44	547.33	603.77
FY 16	59.21	573.23	632.44
FY 17	59.31	586.67	645.98
FY 18	45.38	644.62	690.00
FY 19	43.32	689.48	732.79
FY 20	50.66	656.52	707.18
FY 21	44.00	646.89	690.89
FY 22	54.40	764.81	819.21
FY 23	59.41	817.96	877.37
FY 24	64.00	909.01	973.01
CAGR	1.41%	5.80%	5.45%

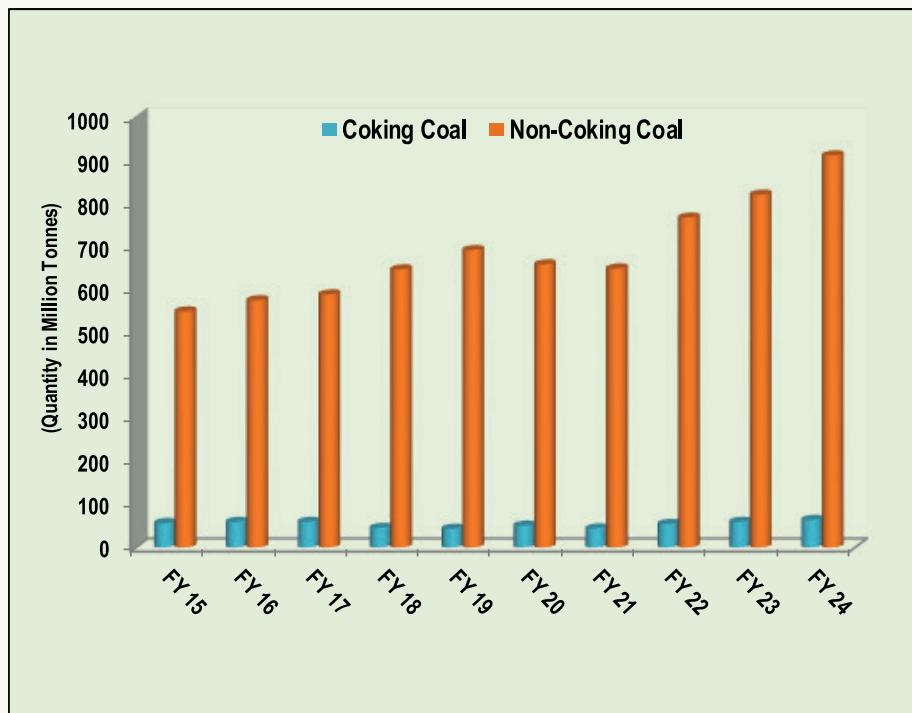
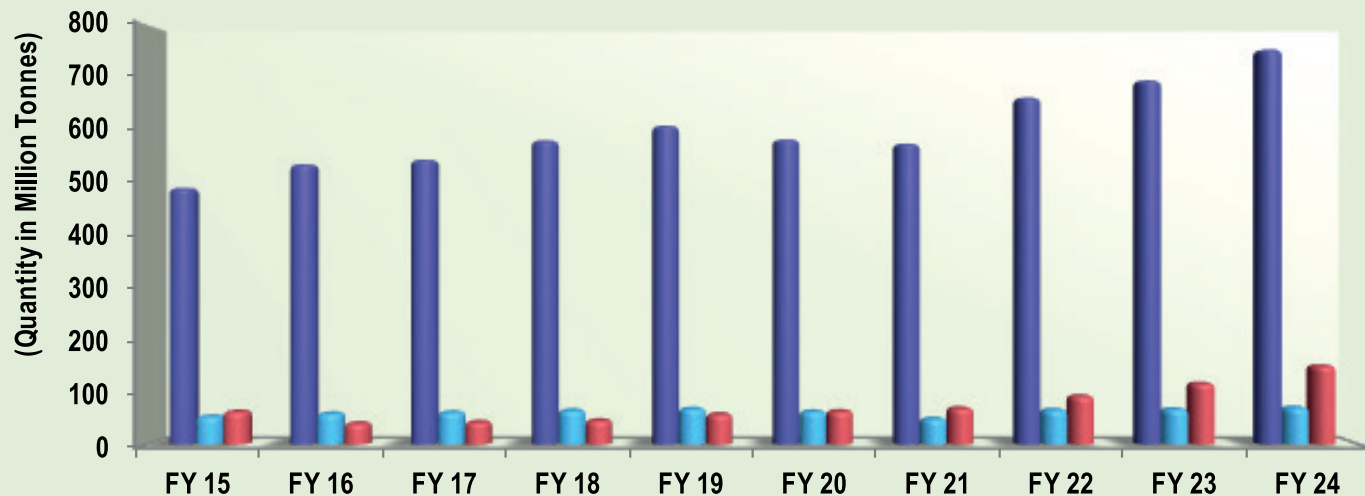


Chart 9: Coal Despatch of CIL, SCCL, and Others during FY 2014-15 to FY 2023-24

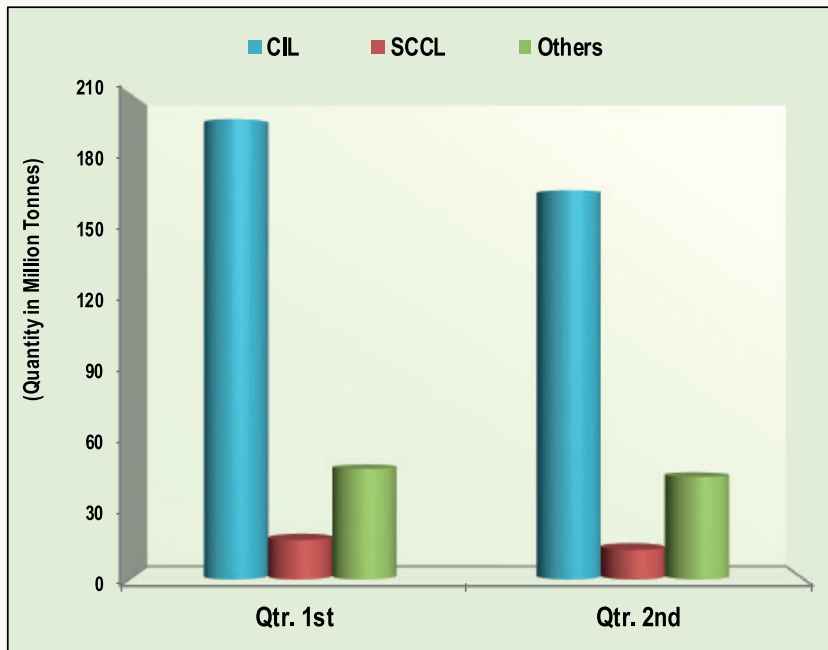


	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
 CIL	488.86	534.08	542.98	580.01	607.95	581.64	573.63	661.74	694.55	753.53
 SCCL	52.66	58.69	60.79	64.62	67.67	62.47	48.51	65.53	66.69	69.86
 Others	62.25	39.67	42.21	45.37	57.17	63.07	68.75	91.94	116.13	149.62

Table 18: Company Wise Monthly Despach of Coal in FY 2024-25

(Quantity in MT)

Month	CIL	SCCL	Others	Total
April	64.22	5.66	15.18	85.06
May	69.14	5.66	16.05	90.85
June	65.14	5.37	16.53	87.04
Qtr. 1st	198.50	16.69	47.76	262.95
July	60.32	4.21	15.83	80.36
August	52.54	4.23	13.54	70.31
September	54.85	4.22	14.91	73.98
Qtr. 2nd	167.71	12.66	44.28	224.65
Total	366.21	29.35	92.04	487.60
Growth	1.45%	-11.06%	34.44%	5.44%



Note: Growth has been calculated from H1 FY 24 to H1 FY 25.

Table 19: Captive Blocks Wise Despatch of Coal from FY 2019-20 to FY 2023-24

(Quantity in MT)

Year	Public	Private	Total
FY 20	30.42	32.65	63.07
FY 21	39.00	29.74	68.74
FY 22	61.40	30.54	91.94
FY 23	77.77	38.37	116.13
FY 24	102.57	47.05	149.62
CAGR	35.51%	9.56%	24.10%

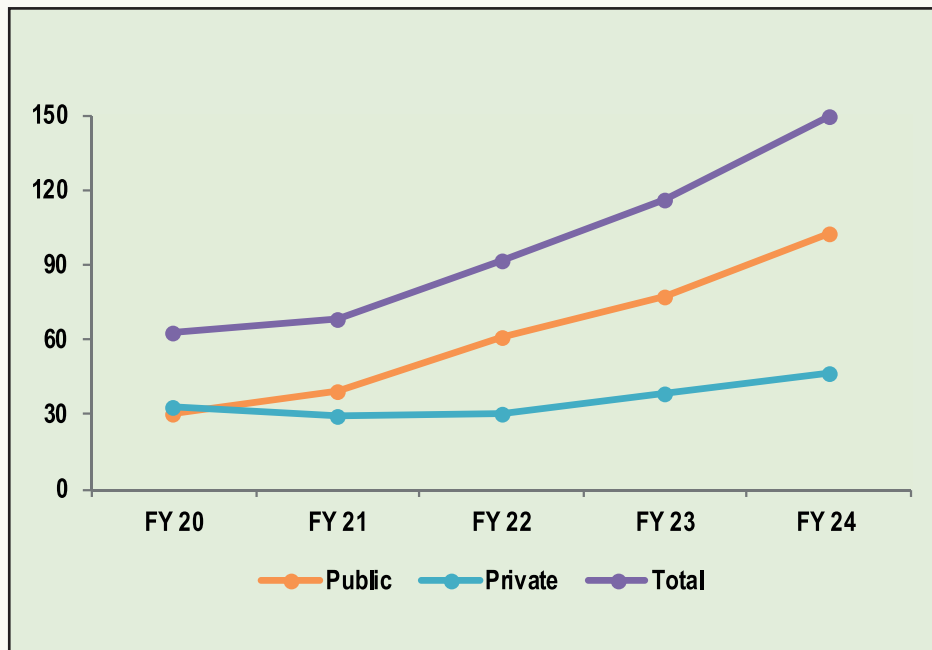


Table 20: Year Wise Despatch of Coal to Different Priority Sectors from FY 2014-15 to FY 2023-24

(Quantity in MT)

Year	Power	CPP	Steel	Cement	Sponge Iron	Others	Total Despatch
FY 15	435.44	62.26	12.52	11.36	17.77	64.43	603.77
FY 16	483.12	34.65	12.52	8.99	7.76	85.40	632.44
FY 17	490.99	44.06	10.34	6.36	5.56	88.68	645.98
FY 18	519.58	65.91	11.45	7.71	8.53	76.83	690.00
FY 19	567.65	76.78	12.81	8.82	12.23	54.51	732.79
FY 20	541.00	85.15	11.91	8.57	10.53	50.02	707.18
FY 21	535.45	45.79	8.94	6.75	9.57	84.39	690.89
FY 22	673.35	36.70	9.16	7.31	9.02	83.68	819.21
FY 23	735.14	50.26	13.38	9.31	8.09	61.19	877.37
FY 24	796.09	63.25	17.34	9.16	11.97	75.20	973.01
CAGR	6.93%	0.17%	3.69%	-2.36%	-4.30%	1.73%	5.45%

Chart 10: Year Wise Despatch of Coal to Different Priority Sectors from FY 2014-15 to FY 2023-24

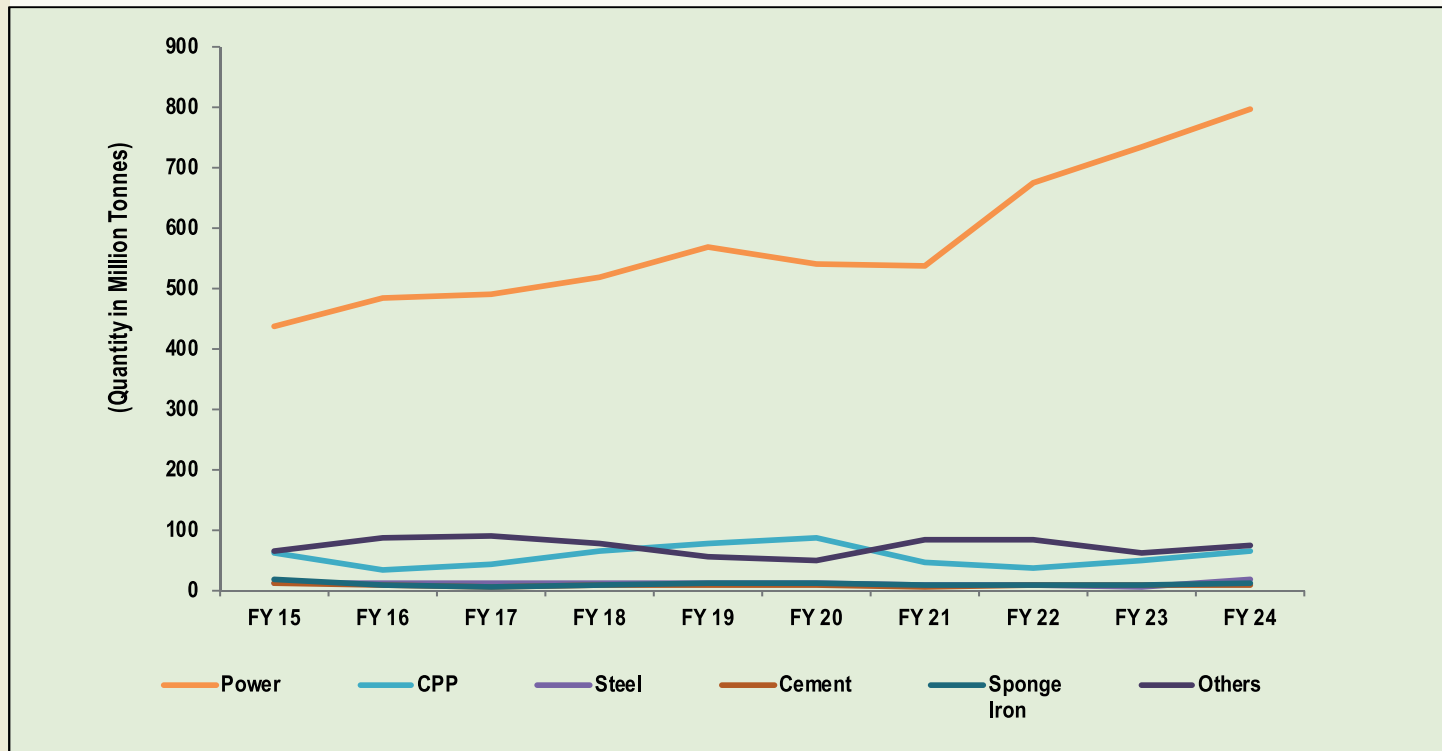


Table 21 : CIL's Mode Wise Despatch of Coal from FY 2019-20 to FY 2023-24

(Quantity in MT)

Mode	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23		FY 2023-24 (P)	
	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %
Rail	282.79	48.62	331.05	57.71	360.15	54.42	360.02	51.84	388.98	51.62
RCR										0.00
Road	181.91	31.27	124.01	21.62	185.97	28.10	222.00	31.96	249.65	33.13
Belt	11.26	1.94	11.33	1.98	10.22	1.55	11.01	1.59	10.31	1.37
Rope	1.72	0.30	1.73	0.30	1.51	0.23	1.47	0.21	2.12	0.28
MGR	101.84	17.51	103.78	18.09	103.90	15.70	100.04	14.40	102.48	13.60
Other	2.13	0.37	1.73	0.30	0.00	0.00	0.00	0.00	0.00	0.00
Total	581.64	100.00	573.63	100.00	661.74	100.00	694.54	100.00	753.53	100.00

Chart 11: CIL's Mode Wise Despatch of Coal during Last Five Years

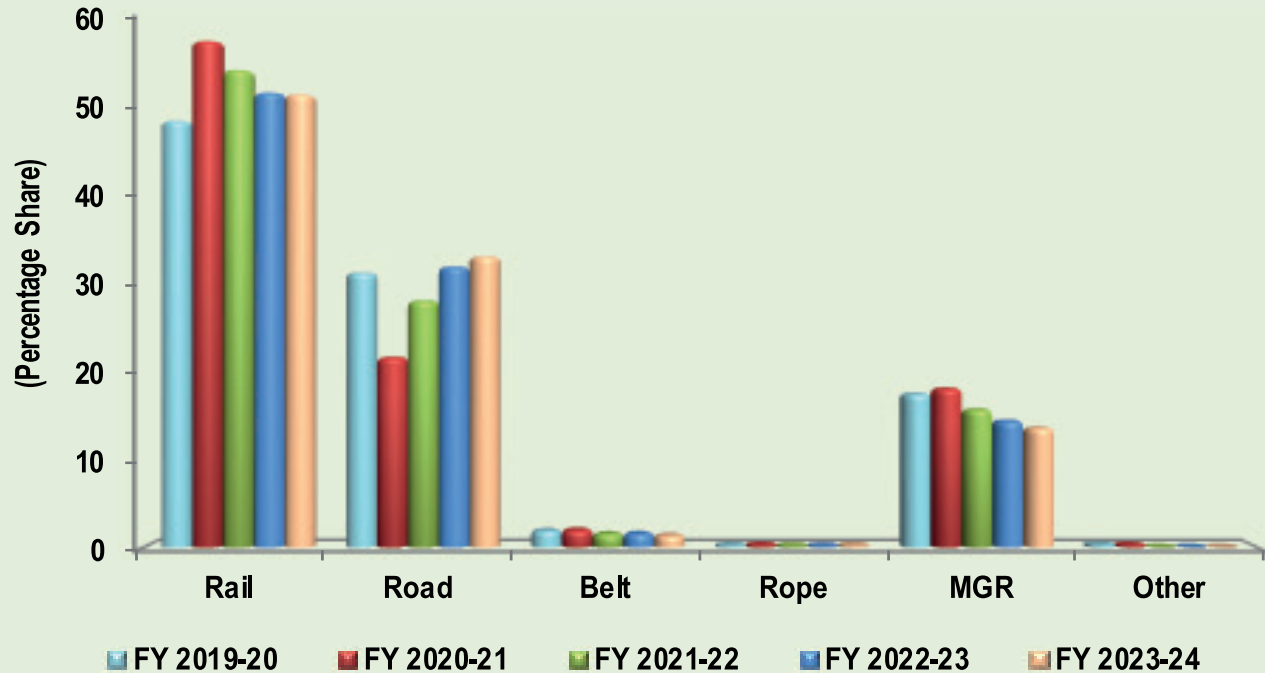


Table 22: SCCL's Mode Wise Despatch of Coal from FY 2019-20 to FY 2023-24

(Quantity in MT)

Mode	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23		FY 2023-24	
	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %
Rail	44.38	71.05	34.02	70.13	44.86	68.45	44.75	67.09	45.79	65.55
RCR										0.00
Road	8.38	13.41	7.31	15.07	12.38	18.89	13.11	19.66	12.66	18.12
Belt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36	3.38
Rope	0.38	0.61	0.34	0.71	0.56	0.86	0.61	0.92	0.54	0.77
MGR	8.20	13.12	6.84	14.10	7.23	11.03	7.29	10.93	8.51	12.18
Other	1.13	1.81	0.00	0.00	0.51	0.78	0.93	1.40	0.00	0.00
Total	62.47	100.00	48.51	100.00	65.53	100.00	66.69	100.00	69.86	100.00

Chart 12: SCCL's Mode Wise Despatch of Coal during Last Five Years

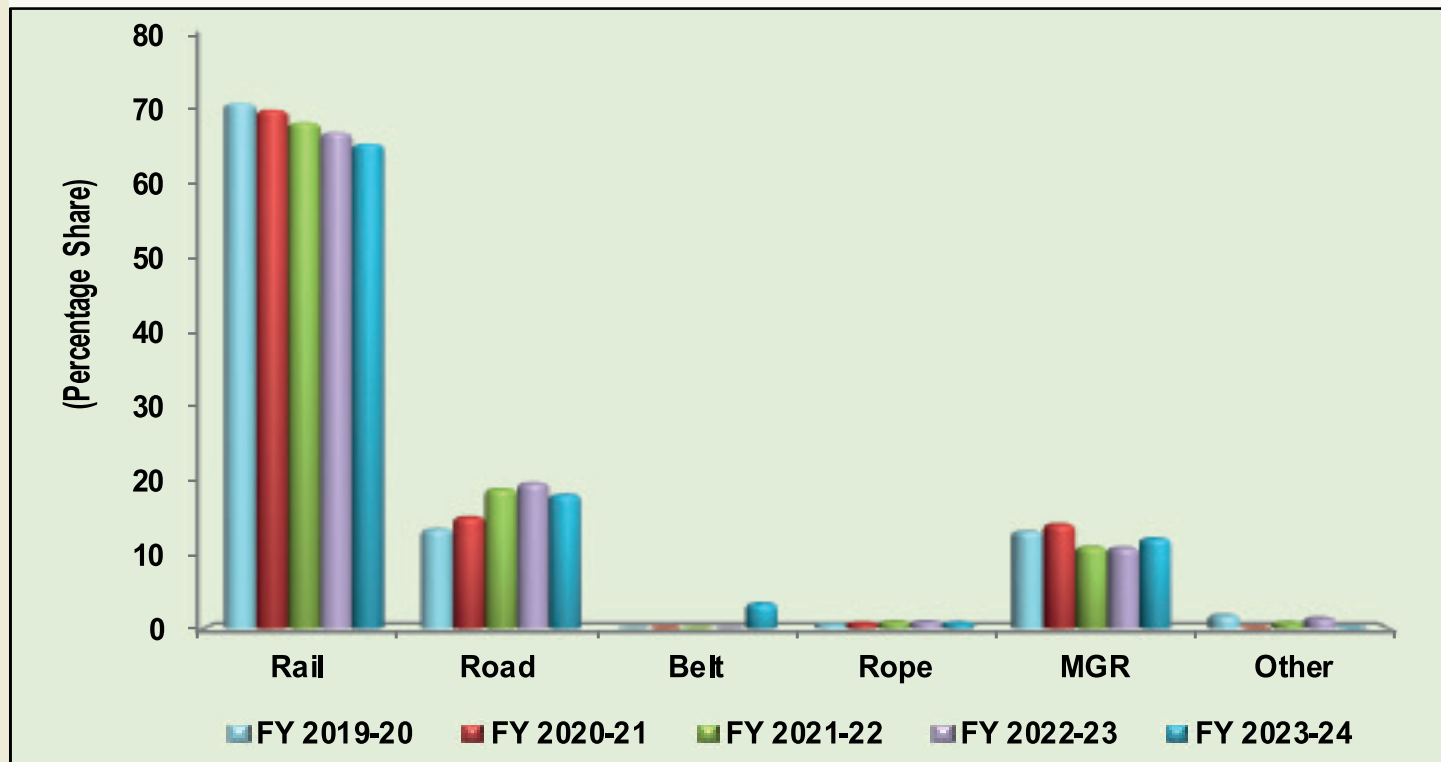


Table 23: Other Companies' Mode Wise Despatch of Coal from FY 2019-20 to FY 2023-24

(Quantity in MT)

Mode	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23		FY 2023-24	
	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %	Quantity	Share %
Rail	3.02	4.79	7.18	10.45	17.66	19.21	11.97	10.31	26.38	17.63
RCR										0.00
Road	53.51	84.86	37.56	54.64	29.17	31.73	53.62	46.17	66.74	44.61
Belt	6.11	9.69	20.76	30.20	37.97	41.31	36.21	31.17	35.37	23.64
Rope	0.07	0.12	0.05	0.07	0.08	0.09	0.01	0.01	0.03	0.02
MGR	0.20	0.32	3.19	4.65	7.05	7.66	14.29	12.30	15.88	10.61
Other	0.14	0.22	0.00	0.00	0.00	0.00	0.04	0.03	5.22	3.49
Total	63.06	100.00	68.75	100.00	91.93	100.00	116.14	100.00	149.62	100.00

Chart 13: Other Companies' Mode Wise Despatch of Coal during Last Five Years

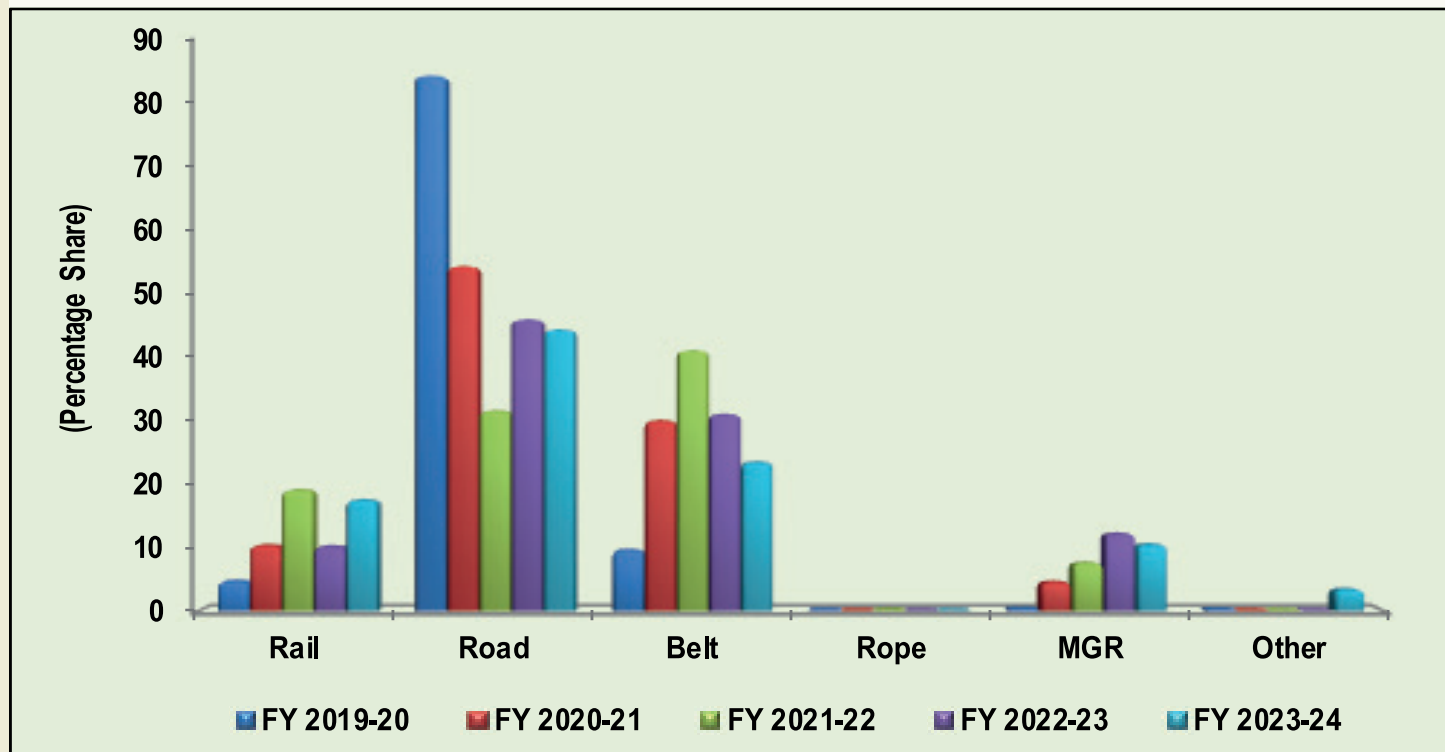
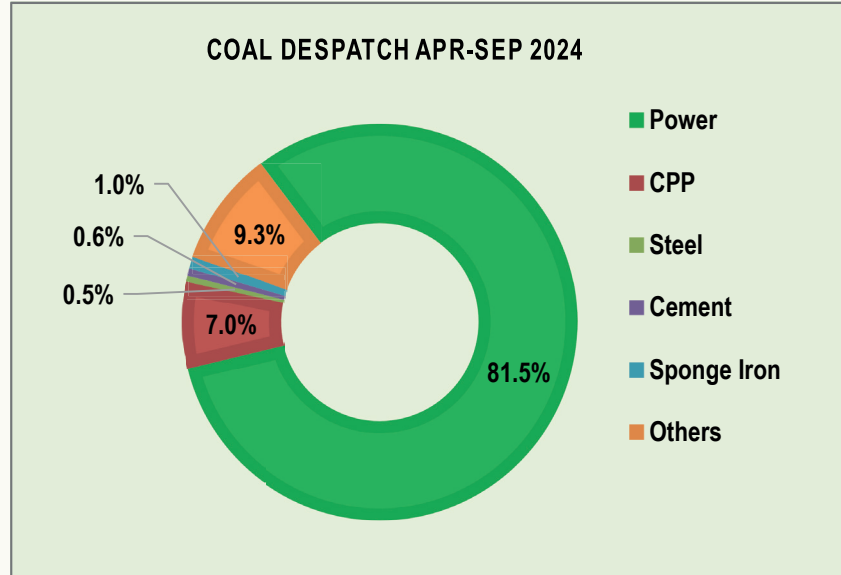


Table 24: Sectorwise Despatch of Coal by CIL

(Quantity in MT)

Sectors	Coal Despatch during Apr-Sep'24		
	FY 25	FY 24	Growth (%) H1-o-H1
Power	298.61	294.72	1.32
CPP	25.67	24.52	4.71
Steel	1.78	1.21	47.11
Cement	2.22	2.19	1.37
Sponge Iron	3.70	4.68	-20.94
Others	34.23	33.36	2.61
Total	366.21	360.67	1.54

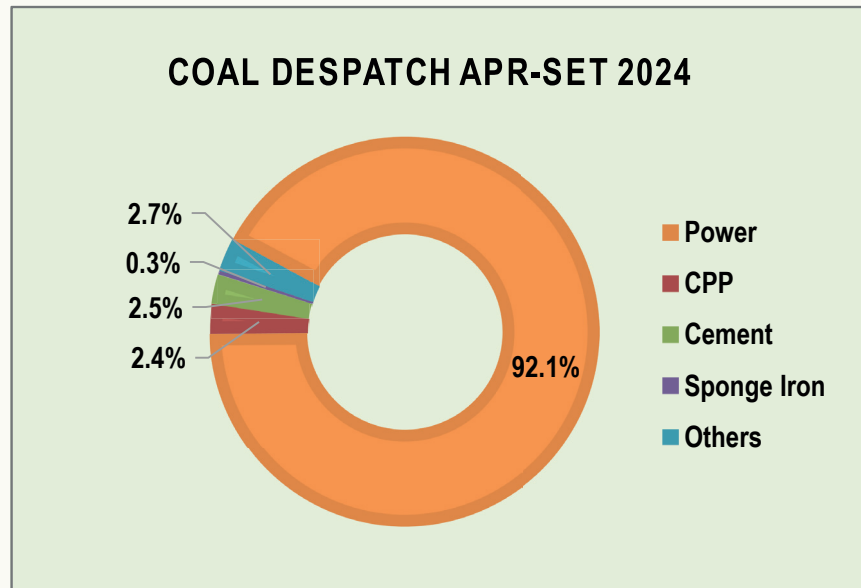


Source: Coal India Limited

Table 25: Sectorwise Despatch of Coal by SCCL

(Quantity in MT)

Sectors	Coal Despatch during Apr-Sep'24		
	FY 25	FY 24	Growth (%) H1-o-H1
Power	27.03	28.51	-5.19
CPP	0.70	1.33	-47.37
Steel			-
Cement	0.73	1.48	-50.68
Sponge Iron	0.10	0.13	-23.08
Others	0.79	1.54	-48.70
Total	29.35	32.99	-11.03



Source: Singareni Collieries Company Limited

Table 26: Sectorwise Despatch of Coal by Captive and Others

(Quantity in MT)

Sectors	Coal Despatch during Apr-Sep'24		
	FY 25	FY 24	Growth (%) H1-o-H1
Power	74.97	61.18	22.55
CPP	3.23	2.58	25.10
Steel	3.48	3.15	10.61
Cement	0.70	0.88	-20.98
Sponge Iron			-
Others	9.66	1.03	837.48
Total	92.04	68.82	33.74

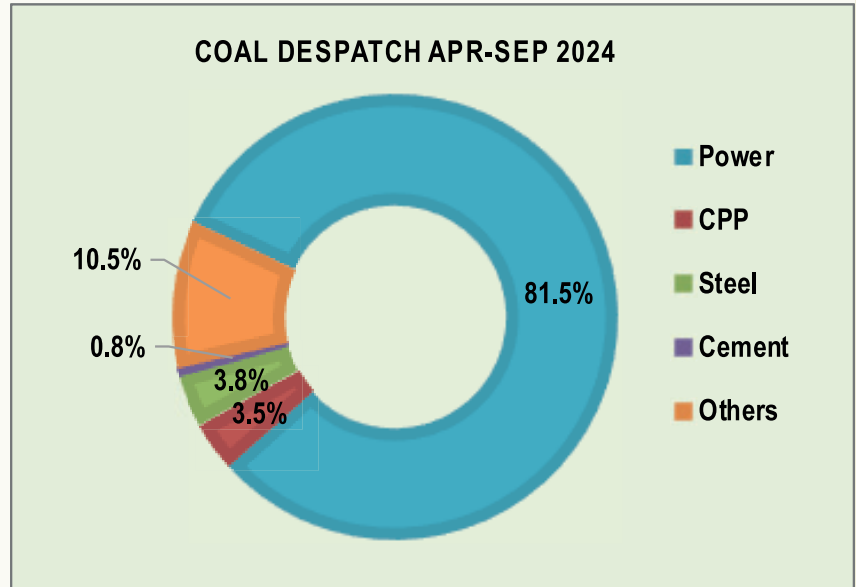
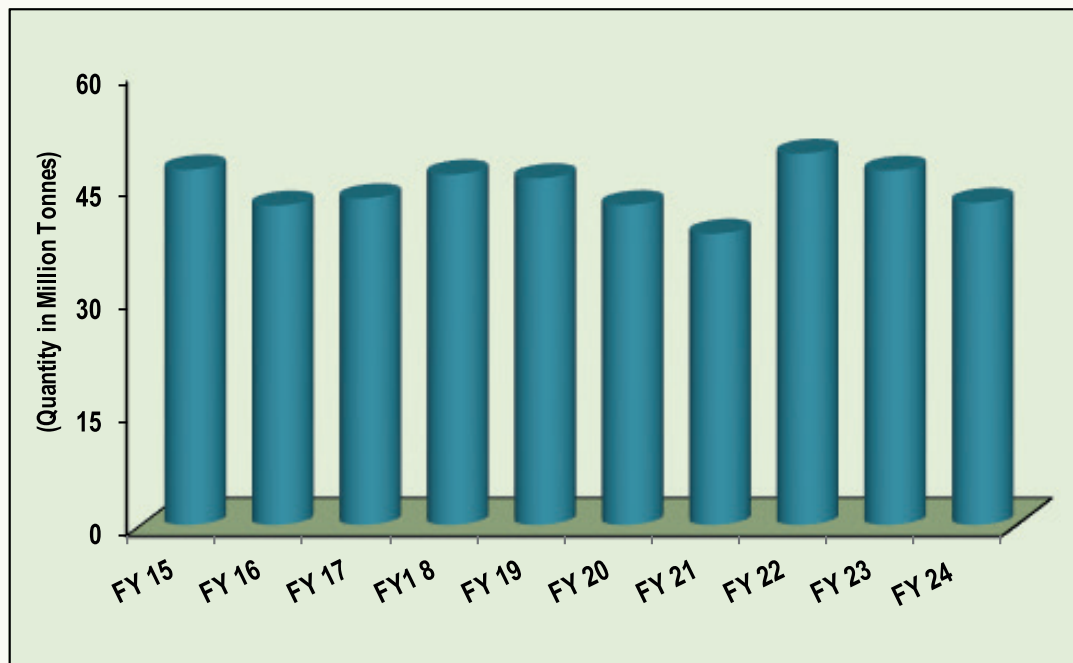


Table 27: Despatch of Lignite from FY 2014-15 to FY 2023-24

(Quantity in MT)

Year	Despatch
FY 15	46.95
FY 16	42.21
FY 17	43.16
FY1 8	46.32
FY 19	45.81
FY 20	42.27
FY 21	38.49
FY 22	49.07
FY 23	46.82
FY 24	42.59
CAGR	-1.08%



Pit-head Closing Stock



Table 28: Pit-head Closing Stock of Coal from FY 2014-15 to FY 2023-24 as on last day of the year

(Quantity in MT)

Year	Coking Coal	Non-Coking Coal	Total
FY 15	6.96	52.43	59.39
FY 16	8.72	56.64	65.36
FY 17	11.17	65.72	76.89
FY 18	6.05	55.98	62.04
FY 19	4.14	53.51	57.64
FY 20	6.42	75.01	81.43
FY 21	7.23	101.83	109.06
FY 22	4.47	64.44	68.90
FY 23	5.81	78.61	84.42
FY 24	8.63	100.12	108.75
CAGR	2.41%	7.45%	6.95%

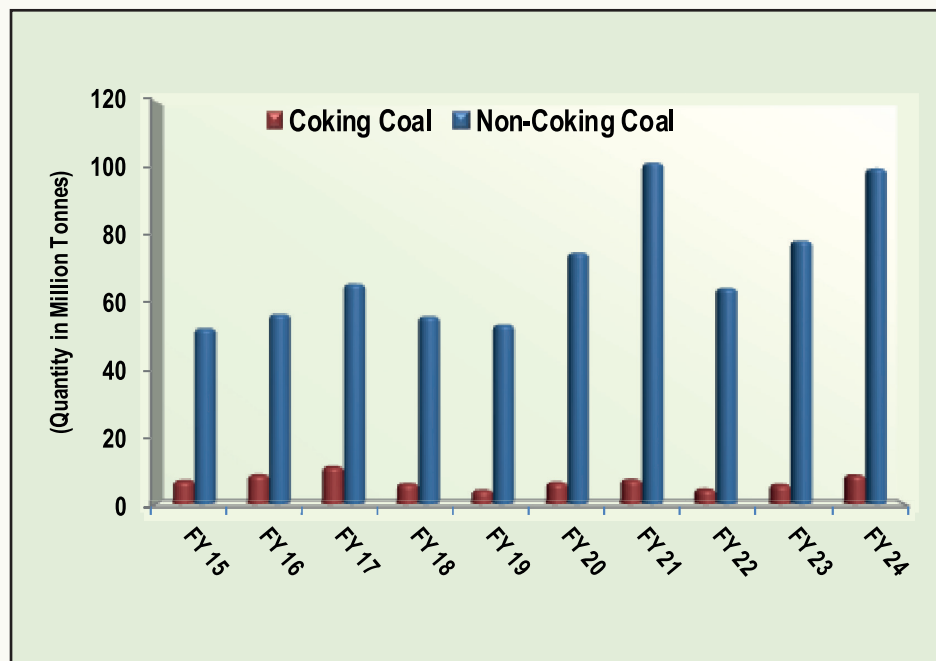
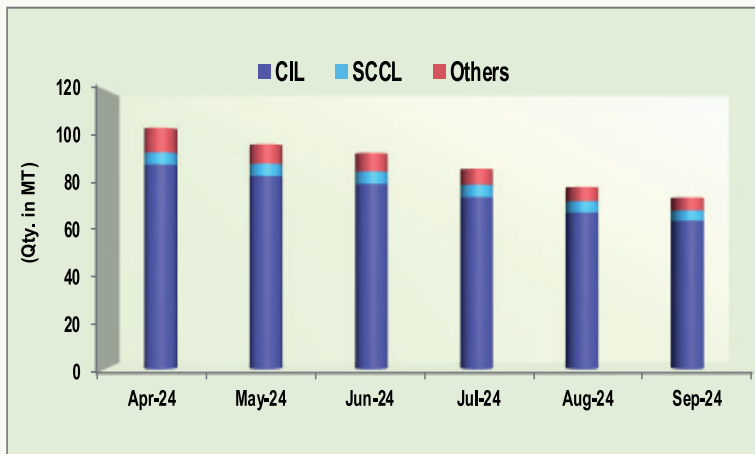


Table 29: Company Wise Monthly Pit-head Closing Stock of Coal during Apr-Sep 2024 as on last day of the Month

(Quantity in MT)

Month	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sept-24	Growth (%)
CIL	87.90	83.01	79.55	73.87	67.28	63.78	53.39
SCCL	5.13	5.20	5.33	5.34	4.88	4.40	26.47
Others	10.57	8.34	7.92	6.83	6.09	5.55	0.67
Total	103.59	96.55	92.80	86.04	78.25	73.73	45.79

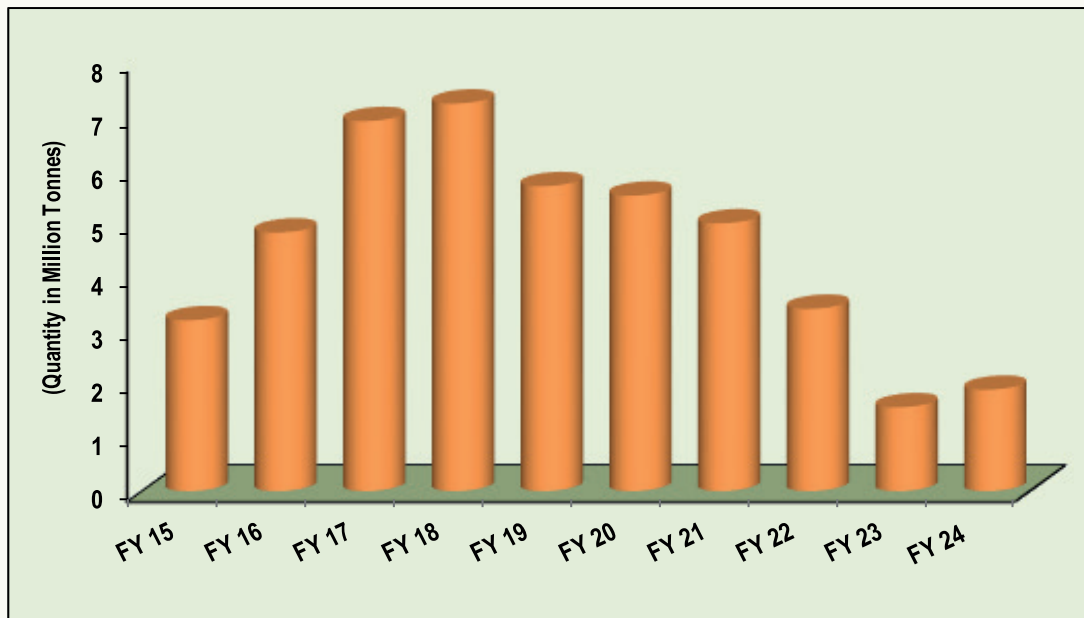


Note: Growth has been calculated from Sept.-23 to Sept.-24.

Table 30: Pit-head Closing Stock of Lignite from FY 2014-15 to FY 2023-24

(Quantity in MT)

Year	Pit-head Closing Stock
FY 15	3.18
FY 16	4.81
FY 17	6.88
FY 18	7.21
FY 19	5.67
FY 20	5.50
FY 21	4.98
FY 22	3.39
FY 23	1.56
FY 24	1.88
CAGR	-5.64%



Export - Import



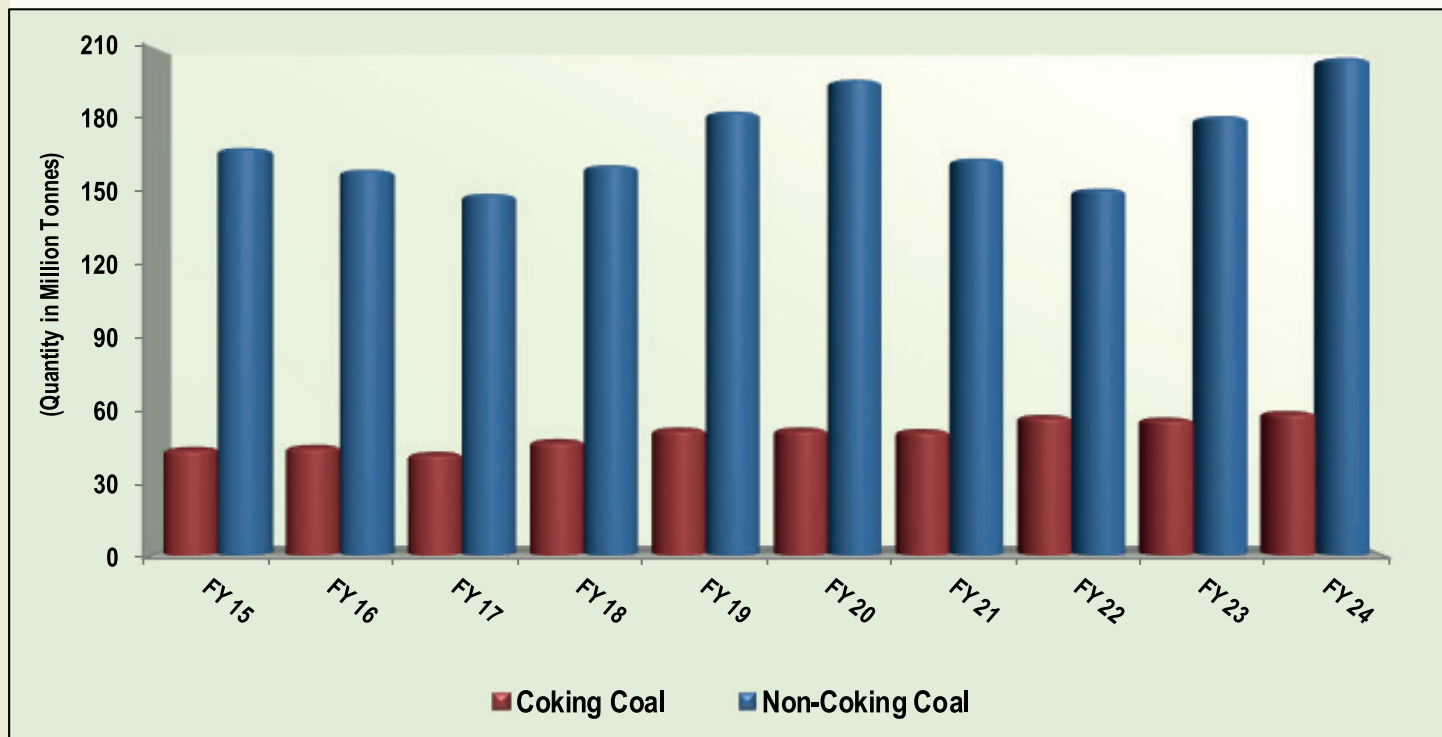
Table 31: Year Wise Import of Coal to India from FY 2014-15 to FY 2023-24

(Quantity in MT & Value in Million Rs.)

Mode	Coking Coal		Non-Coking Coal		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
FY 15	43.72	337655.59	168.39	707585.71	212.10	1045241.30
FY 16	44.56	282519.09	159.39	577818.53	203.95	860337.62
FY 17	41.64	412300.61	149.37	590772.69	191.01	1003073.30
FY 18	47.00	595226.36	161.25	789543.41	208.25	1384769.77
FY 19	51.84	720497.64	183.51	988707.26	235.35	1709204.90
FY 20	51.83	612668.32	196.70	914652.23	248.54	1527320.55
FY 21	51.20	453552.10	164.05	706688.44	215.25	1160240.54
FY 22	57.12	1027908.35	151.50	1259932.89	208.63	2287841.24
FY 23	56.05	1538399.74	181.62	2297444.02	237.67	3835843.76
FY 24	58.81	1330003.62	205.77	1772565.01	264.58	3102568.63
CAGR	3.35%	16.45%	2.25%	10.74%	2.49%	12.85%

Source: DGCI&S, Kolkata

Chart 14: Year Wise Import of Coal to India from FY 2014-15 to FY 2023-24



Source: DGC&S, Kolkata

Table 32: Month Wise Import of Coal to India during FY 2023-24

(Quantity in MT)

Month	Coking Coal	Non-Coking Coal	Total
Apr-23	4.64	15.37	20.01
May-23	5.39	22.52	27.90
Jun-23	5.89	17.06	22.95
Jul-23	5.39	13.43	18.81
Aug-23	4.70	14.43	19.13
Sep-23	3.81	15.16	18.97
Oct-23	4.84	21.55	26.39
Nov-23	4.98	18.47	23.45
Dec-23	4.75	17.82	22.56
Jan-24	4.59	16.40	21.00
Feb-24	5.00	16.38	21.38
Mar-24	4.83	17.18	22.01
Total	58.81	205.77	264.58
Growth	4.83%	13.18%	11.21%
Apr-24	5.19	17.39	22.58
May-24	5.27	19.77	25.04
Jun-24	5.38	15.70	21.08
Jul-24	4.92	16.89	21.81
Aug-24	5.44	15.25	20.69

Source: DGCI&S, Kolkata

Note: Growth has been calculated from FY 23 to FY 24.

Table 33: Coal Import by Power & Non-Power Sector

(Quantity in MT)

Year	Coking Coal	Power		Total Power	Total Non-Power	Non-coking	Total Import
		Imported Coal Based Plant	Imported Coal for Blending				
1	2	3	4	5=3+4	6	7=5+6	8=2+7
FY 17	41.64	46.30	19.87	66.17	83.14	149.31	190.95
FY 18	47.00	39.37	17.04	56.41	104.86	161.27	208.27
FY 19	51.84	40.29	21.37	61.66	121.74	183.40	235.24
FY 20	51.83	45.47	23.75	69.22	127.49	196.71	248.54
FY 21	51.29	35.08	10.39	45.47	118.21	163.68	214.97
FY 22	57.20	18.89	8.10	26.99	124.78	151.77	208.97
FY 23	56.05	20.53	35.10	55.63	126.18	181.81	237.86
FY 24	58.81	41.81	23.92	65.73	140.04	205.77	264.58
Growth(%) FY 23 to FY 24	4.92	103.65	-31.85	18.16	10.98	13.18	11.23

Source: DGCIS and CEA

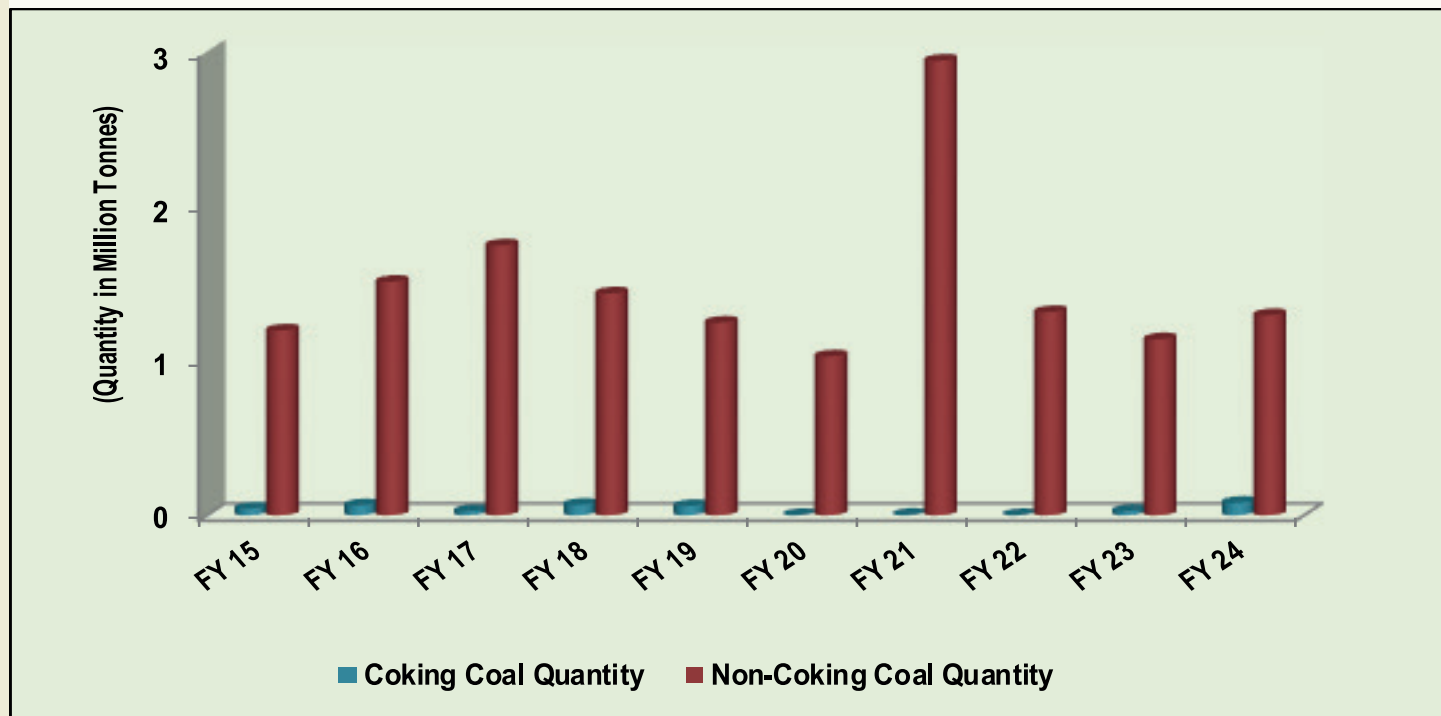
Table 34: Year Wise Export of Coal from India from FY 2014-15 to FY 2023-24

(Quantity in MT & Value in Million Rs.)

Mode	Coking Coal		Non-Coking Coal		Total	
	Quantity	Value	Quantity	Value	Quantity	Value
FY 15	0.04	413.03	1.20	6784.24	1.24	7197.27
FY 16	0.06	650.37	1.51	8348.06	1.58	8998.43
FY 17	0.03	114.53	1.75	9554.72	1.77	9669.25
FY 18	0.07	394.41	1.44	8388.62	1.50	8783.03
FY 19	0.06	911.89	1.25	8587.98	1.31	9499.87
FY 20	0.00	13.43	1.03	5818.65	1.03	5832.07
FY 21	0.00	23.09	2.94	5712.93	2.95	5736.03
FY 22	0.00	7.37	1.32	11224.64	1.32	11232.01
FY 23	0.03	770.19	1.14	14231.26	1.17	15001.45
FY 24	0.08	2314.15	1.30	12577.23	1.38	14891.38
CAGR	7.43%	21.10%	0.89%	7.10%	1.18%	8.41%

Source: DGCI&S, Kolkata

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



Source: DGCI&S, Kolkata

Royalty, DMF and NMET



Table 35: CIL and Non-CIL's DMF, Royalty and NMET during last three years

(Figure in Rs. Crores)

Year	Name of the Companies	Royalty	DMF	NMET
FY 2021-22	CIL	12029.58	3619.57	244.20
	Non-CIL	1893.73	478.67	28.45
FY 2022-23	CIL	15401.71	4535.42	305.68
	Non- CIL	7068.80	703.25	43.36
FY 2023-24	CIL	16097.70	4817.84	326.84
	Non- CIL	5835.77	1207.19	70.80
FY 2024-25 (P) (Apr-Sep'24)	CIL	6865.94	2167.30	142.68
	Non- CIL	3842.55	364.45	37.24

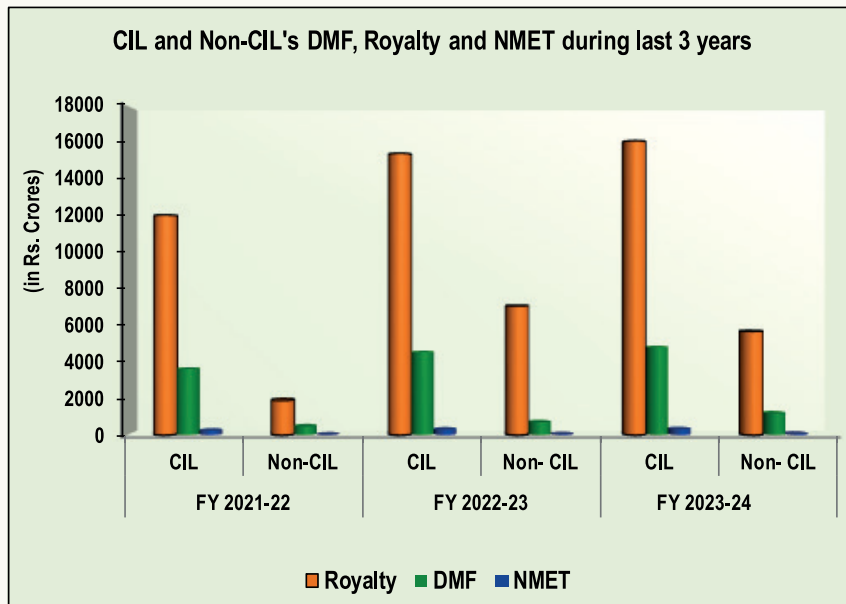


Table 36: State-wise Royalty Paid by Coal Companies in India (Apr-Sep'2024)

(Figure in Rs. Crores)

Name of State	CIL	SCCL	Captive/ Others	Total
Assam	12.99	0.00	0.00	12.99
Chhattisgarh	1106.54	0.00	338.19	1444.73
Jharkhand	1911.74	0.00	552.88	2464.62
Odisha	1376.15	0.00	232.55	1608.70
Maharashtra	948.51	0.00	57.48	1005.99
Madhya Pradesh	1249.05	0.00	261.05	1510.10
West Bengal	10.80	0.00	0.39	11.19
Telangana	0.00	2400.00	0.00	2400.00
Uttar Pradesh	250.16	0.00	0.00	250.16
Grand Total	6865.94	2400.00	1442.55	10708.49

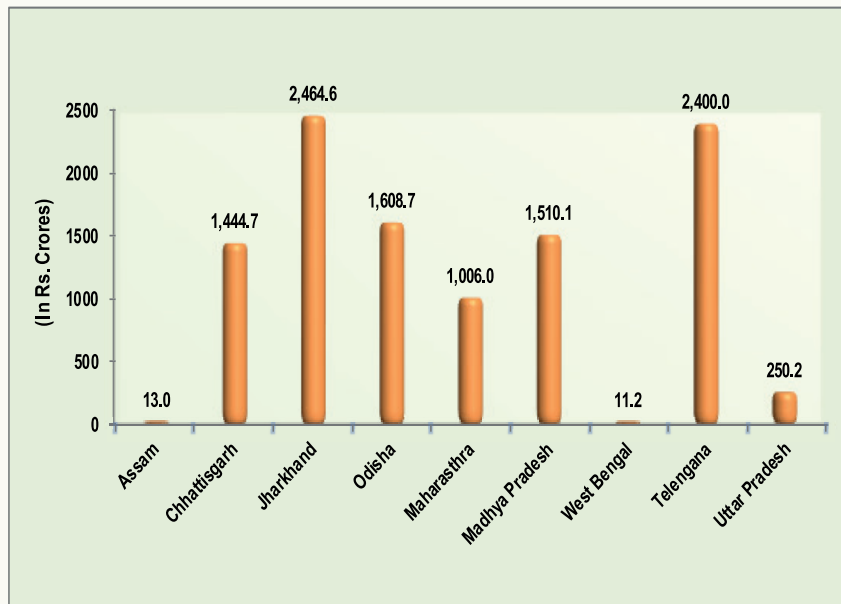


Table 37: State-wise Royalty Paid by Coal Companies in India over last five years

Name of State	Name of the Company	(Figures in Crores)				
		FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Chhattisgarh	CIL	2155.39	1435.07	2259.74	2921.37	2843.84
	Non-CIL	207.39	31.60	250.01	421.35	651.54
Sub Total Chhattisgarh		2362.78	1466.67	2509.75	3342.72	3495.38
Jharkhand	CIL	2753.96	1818.57	3028.26	3811.68	4316.63
	Non-CIL	457.07	283.44	588.68	915.87	1073.54
Sub-Total Jharkhand		3211.03	2102.01	3616.95	4727.55	5390.17
Odisha	CIL	2117.78	1120.13	2390.46	3607.86	3183.53
	Non-CIL	21.67	45.35	313.85	530.02	698.26
Sub-Total Odisha		2139.45	1165.48	2704.31	4137.88	3881.80
Madhya Pradesh	CIL	1924.07	1297.29	1662.89	1847.39	2852.60
	Non-CIL	142.10	133.38	40.86	43.32	446.93
Sub-Total Madhya Pradesh		2066.17	1430.67	1703.76	1890.72	3299.53
Maharashtra	CIL	1187.16	772.60	2197.33	2587.86	2261.68
	Non-CIL	11.64	3.04	347.62	310.72	59.37
Sub Total Maharashtra		1198.80	775.64	2544.95	2898.58	2321.05
Telangana	CIL	0.00	0.00	0.00	0.00	0.00
	Non-CIL	1537.36	519.68	351.50	4845.66	2904.23
Sub Total Telangana		1537.36	519.68	351.50	4845.66	2904.23
West Bengal	CIL	17.95	8.73	15.66	16.30	16.45
	Non-CIL	1.01	0.75	1.21	1.86	1.91
Sub Total West Bengal		18.96	9.48	16.87	18.16	18.36
Assam	CIL	31.34	5.89	0.00	25.39	16.84
	Non-CIL	0.00	0.00	0.00	0.00	0.00
Sub Total Assam		31.34	5.89	0.00	25.39	16.84
Uttar Pradesh	CIL	406.39	287.26	475.24	583.87	606.12
	Non-CIL	0.00	0.00	0.00	0.00	0.00
Sub Total Uttar Pradesh		406.39	287.26	475.24	583.87	606.12
Jammu & Kashmir	CIL	0.00	0.00	0.00	0.00	0.00
	Non-CIL	0.00	0.00	0.00	0.00	0.00
Sub Total Jammu & Kashmir		0.00	0.00	0.00	0.00	0.00
Grand Total		12972.28	7762.78	13923.31	22470.52	21933.47

Note: Advance Royalty for FY 2023-24 was paid in FY 2022-23 by some captive mines.

National Coal Index



Table 38: National Coal Index (Base 2017-18) for FY 2023-24

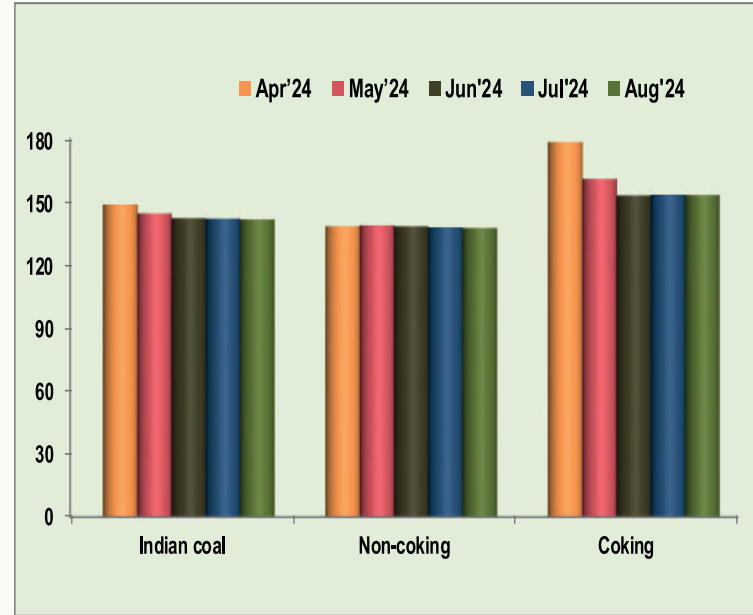
Price Channel	Apr'23	May'23	June'23	July'23	Aug'23	Sep'23	Oct'23	Nov'23	Dec'23	Jan'24	Feb'24	Mar'24
Indian coal	169.06	157.69	147.25	140.77	140.08	143.91	151.39	155.09	155.44	154.53	148.91	150.13
Non-coking	158.25	147.49	143.07	138.25	137.70	140.64	147.47	143.52	144.04	143.22	136.35	137.45
Coking	200.21	187.06	159.30	148.04	146.95	153.31	162.68	188.39	188.28	187.10	185.07	186.65
Non-coking, top grade (G1-G6 or imported)	166.89	155.46	153.57	146.18	144.79	149.17	161.80	159.21	157.37	150.78	139.91	141.69
Non-coking, middle grade (G7-G14 or imported)	155.49	144.97	139.73	135.72	135.44	137.70	142.54	138.37	139.72	140.82	135.15	136.07
Non-coking, bottom grade (G15-G17)	148.53	135.36	130.27	129.70	129.70	157.65	174.82	144.14	137.79	133.63	139.97	136.30
Coking, top grade (STI-STII or imported)	219.08	201.33	167.92	155.60	152.85	159.53	170.70	203.64	205.03	202.44	200.34	203.10
Coking, bottom grade (WI-WIV)	125.03	130.22	124.98	117.89	123.44	128.52	130.75	127.61	121.56	125.98	124.23	121.11

Note: NCI is provisional as the Import Data is Provisional

Table 39: National Coal Index (Base 2017-18) for Apr-Aug'2024

(in INR per Tonne)

Price Channel	Apr'24	May'24	Jun'24	Jul'24	Aug'24
Indian coal	148.75	144.46	142.13	141.94	141.58
Non-coking	138.44	138.75	138.33	137.97	137.56
Coking	178.44	160.93	153.05	153.37	153.16
Non-coking, top grade (G1-G6 or imported)	141.40	148.54	145.94	151.38	152.70
Non-coking, middle grade (G7-G14 or imported)	137.50	135.56	135.87	133.58	132.66
Non-coking, bottom grade (G15-G17)	135.03	135.71	134.00	136.42	130.16
Coking, top grade (STI-STII or imported)	193.19	170.72	161.12	162.00	161.56
Coking, bottom grade (WI-WIV)	119.68	121.93	120.88	118.98	119.69



Note: NCI is provisional as the Import Data is Provisional

Table 40: Representative Prices of Different Grades of Coal on the basis of National Coal Index

(in INR per Tonne)

Grade	Notified Price of CIL	Apr'23	May'23	June'23	July'23	Aug'23	Sep'23	Oct'23	Nov'23	Dec'23	Jan'24	Feb'24	Mar'24	Apr'24	May'24	Jun'24	Jul'24	Aug'24
G1	NA	12447	10753	7985	7615	7420	11236	11248	10862	10795	10569	8022	8463	8391	7883	7882	9921	8874
G2	3560	7015	6682	6613	6259	6072	6287	6960	6849	6740	6524	5984	6075	6008	6328	6326	6537	6546
G3	3410	6683	6324	6330	5987	5887	5976	6588	6495	6426	6202	5754	5780	5730	6057	6062	6203	6246
G4	3250	7012	6376	6229	5957	5863	6026	6586	6512	6393	6141	5657	5709	5639	6058	5925	6172	6186
G5	2970	6477	6024	6031	5667	5617	5814	6420	6217	6139	5936	5671	5607	5507	5811	5779	5896	5987
G6	2730	5975	5650	5354	5151	5121	5444	5787	5586	5497	5292	4832	4936	5146	5278	5113	5331	5363
G7	2510	3640	3439	3443	3316	3331	3413	3397	3415	3410	3445	3378	3419	3393	3380	3349	3304	3313
G8	1908	3406	3275	3224	3153	3120	3237	3259	3262	3239	3226	3111	3210	3200	3176	3184	3106	3142
G9	1488	2982	2958	2798	2824	2731	2791	2851	2810	2834	2854	2711	2767	2774	2757	2757	2720	2731
G10	1344	2934	2729	2568	2620	2584	2625	2779	2776	2606	2658	2495	2576	2540	2538	2513	2551	2559
G11	1155	2170	2058	1973	1897	1882	1932	1980	1954	1968	1975	1915	1930	1908	1890	1910	1858	1879
G12	1073	2241	1991	1914	1839	1702	1851	1988	1828	1755	1794	1733	1698	1747	1672	1672	1675	1627
G13	990	1982	1867	1770	1753	1669	1745	1795	1766	1773	1775	1724	1753	1755	1710	1738	1672	1679
G14	907	1656	1500	1413	1391	1351	1405	1468	1400	1407	1421	1384	1386	1383	1352	1368	1411	1317
G15	718	1216	1125	1088	1084	1084	1286	1410	1193	1147	1117	1162	1136	1127	1132	1128	1137	1101
G16	614	4591	4591	4591	4591	4591	4591	4591	4591	4591	4591	4591	4591	4591	4591	750	750	752
G17	546	687	709	709	709	709	709	709	732	732	732	732	732	732	732	732	732	732
ST-I	6153	29046	26671	22251	20603	20234	21074	22569	26978	27163	26816	26536	26905	25579	22572	21287	21404	21346
ST-II	5917	26372	24215	20203	18706	18371	19134	20491	24494	24662	24347	24093	24428	23224	20494	19327	19434	19381
W-I	5280	6312	6312	6312	6312	6312	5736	5737	5737	5737	5737	5737	5737	5737	5348	5348	5158	5158
W-II	4416	5192	5285	4869	5400	4999	5050	5055	4907	4796	4789	4831	4747	4747	4879	5052	4913	5062
W-III	3519	4771	4662	4433	3673	4061	4671	4819	4488	3912	4481	4079	4123	3888	4008	3867	3742	3748
W-IV	3326	3212	3283	3204	3065	3245	3243	3348	3224	3246	3222	3260	3086	3172	3172	3053	3115	3132

Note: Representative Prices are provisional as the Import Data is Provisional.

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