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DEPARTMENT OF COMMERCIAL INTELLIGENCE AND
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INDIAN COAL STATISTICS

1943

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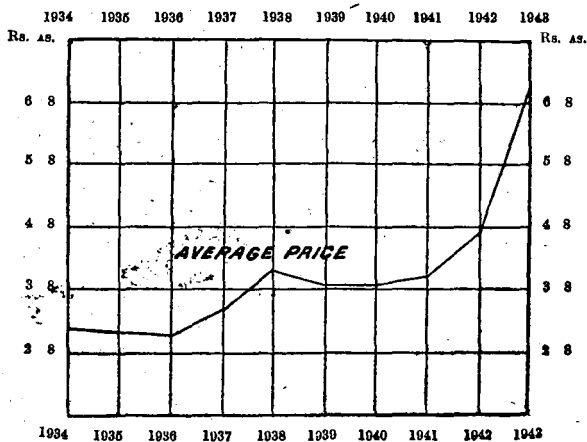
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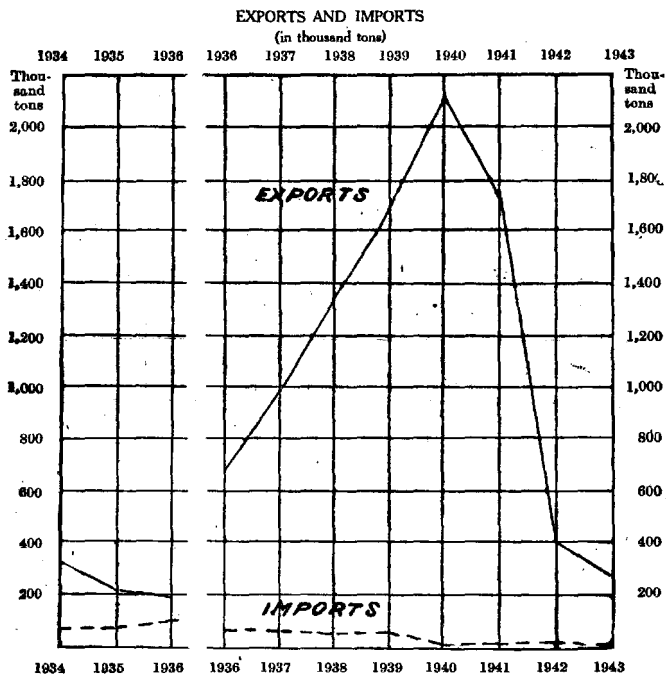
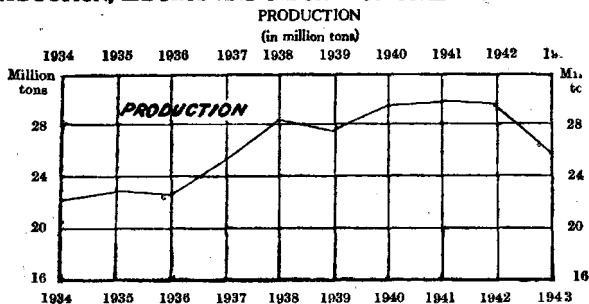
AVERAGE PRICE OF COAL FROM 1934

AVERAGE PRICE AT PIT'S

(per ton)



PRODUCTION, EXPORTS AND IMPORTS OF COAL FROM



Note.—(i) Imports and exports of Government Stores are excluded.

(ii) The points starting from 1934 and ending in 1936 represent figures for India including Burma.

(iii) The points starting from 1936 represent adjusted figures for India excluding Burma for 1936 and 1937 and actual figures thereafter.

Indian Coal Statistics, 1943.

PART I.—REPORT.

1.—SCOPE AND SOURCES OF THE STATISTICS.

THE statistical tables embodied in this report show in detail the available statistics relating to India's coal production, imports, exports, consumption, prices, and freights, and also the capital and labour employed in the coal-mining industry in India. The report generally deals with the coal industry up to the end of the year 1943, but in some cases later information is also given.

Returns of production in the case of mines under the Indian Mines Act, IV of 1923, are sent direct by the managing agents of mines to the Chief Inspector of Mines who forwards them to this Department. The Director, Geological Survey of India, supplements them by the returns sent to him by Provincial Governments and Political Officers in respect of Indian States; in the case of the Bikaner State the information is received by him direct from the Durbar. In the case of mines outside the Mines Act, Provincial Governments obtain returns from District Officers, who collect statistics from the mine-owners. Information regarding the imports and exports of coal has been taken from the sea-borne trade returns furnished by the Collectors of Customs. Data relating to consumption of coal have been specially obtained from the Railway Board, the Indian Jute Mills Association, the Steamship Companies, the Port Trusts, and certain mills and factory owners. Information relating to foreign countries which is not generally available now has been omitted except for Ceylon, necessary particulars in respect of which have been obtained from the Principal Collector, H. M. Customs, Ceylon. Unless otherwise stated, the ton referred to in this report is the English statute ton of 2,240 lbs.

2.—COAL PRODUCTION.

The quantity of coal produced in each province in India from 1878 to 1943 is given in Table 1 (pages 16-17) in Part II. The total production in 1943 amounted to 25,511,909 tons, that is, 3,921,344 tons or 13·3 per cent less than in 1942. To this may be added about 638,000 tons roughly estimated to have been taken out from the mines by miners for their own use. The total production in 1943 would thus come to about 26,150,000 tons, but for purposes of comparison the figure 25,512,000 tons should be adopted. There was a general decrease in the output of coal during the year under review, the decline being marked in the Jharia and Bokaro fields in Bihar, Raniganj fields in Bengal, Pench Valley fields in the Central Provinces and Kothagudium fields in the Hyderabad State. On the other hand, small increases were recorded in the case of British Baluchistan, Sind and Kashmir.

Coal-fields.

The coal-fields which have been worked in recent years are classified below with the quantity produced in 1943, according as they belong geologically

to the Gondwana system of strata, chiefly composed of sandstones and shales deposited in fresh water and by rivers, or to Tertiary (or Cretaceous) beds :—

	1943 Tons	Per cent of total
GONDWANA COAL-FIELDS—		
<i>Bengal, Bihar and Orissa—</i>		
Bokaro	1,583,524	6.21
Giridih	479,041	1.88
Jainty	25,616	0.11
Jharis	10,145,830	39.77
Karanpura	444,166	1.74
Palamau (Daltonganj)	16,127	0.06
Rajmahal Hills	4,799	0.02
Rampur (Raigarh-Hingir)	126,014	0.50
Raiganj	7,571,780	29.08
<i>Central India—</i>		
<i>Rewah—</i>		
Johilla	46,466	0.18
Sohagpur	205,019	0.80
Umaria	84,195	0.33
<i>Central Provinces—</i>		
Betul	5,723	0.02
Bilaspur	3,180	0.01
Chanda	227,699	0.89
Penoh Valley (Chhindwara)	1,350,580	5.29
Yeotmal	69,837	0.27
<i>Eastern States Agency—</i>		
Korea State	1,104,891	4.68
Raigarh State	1,727	0.01
Talcher State	409,820	1.61
<i>Hyderabad State—</i>		
Kothagudium	633,273	2.48
Sasti	57,164	0.23
Singareni	..	..
Tandur	266,933	1.44
<i>Sind—</i>		
Dadu	962	0.01
Karachi	590	
Tatta	1,369	
TOTAL	25,057,215	98.22
TERNIARY COAL-FIELDS—		
<i>Assam—</i>		
Caro Hills	17,737 } 208,568 } 16,763 } 3,519 }	0.97
Khasi and Jaintia Hills		
Khasi State		
Makum and Lakhimpur		
Naga Hills		
Sibsagar		
<i>Baluchistan—</i>		
Kalat State	27,067	0.22
Sibi (Khost)	15,991	
Quetta-Fishin	12,809	

TERTIARY COAL-FIELDS— <i>contd.</i>	1943 Tons	Per cent of total
<i>Kashmir—</i>		
Handwara	3,676(a)	.02
Mirpur	200	
Ressi	2,323	
<i>Punjab (Salt Range)—</i>		
Attock	44,670	0.42
Jhelum		
Mianwali		
Shahpur		
<i>Rajputana—</i>		
Bikaner	39,575	0.15
<i>North-West Frontier Province—</i>		
Hazara	..	..
TOTAL	454,694	1.78
GRAND TOTAL	25,511,909	100

It will be seen that a little over 98 per cent of Indian coal is obtained from the Gondwana coal-fields and about 2 per cent from Tertiary beds.

In Table 2 (pages 18-53), are shown the location of each mine, the names (so far as it has been possible to ascertain) of the owners or proprietors, and the output during the last three years.

3.—COAL PRICES.

The value of coal produced in India is reported annually by mine-owners. It represents the actual or estimated wholesale price of coal at the pit's mouth. The average value per ton of coal produced in each province and State in India from 1934 is given in Table 4 (page 55). The average pit's mouth value per ton for India, as a whole, was Rs. 6-10 in the year under report, as against Rs. 4-7 in 1942. There was a big demand for coal throughout the year to meet the increased requirements of the war effort. Prices were accordingly very firm. Prices of essential materials, plant and machinery remained high with the result that the cost of working at many mines was very high. The scarcity of materials and stores affected the working and production at some mines. The table below compares the average value at the pit's mouth of Indian coal with the declared export value per ton in each of the last five years. The total estimated value at the pit's mouth of the output in 1943 was Rs. 16.95 lakhs, as compared with Rs. 13.09 lakhs in 1942:—

	AVERAGE VALUE OF COAL	
	Declared export value per ton Rs. A.	Value at the pit's mouth per ton Rs. A.
1939	9 9	3 9
1940	9 10	3 9
1941	9 10	3 11
1942	9 15	4 7
1943	13 3	6 10
1939-43 (average)	10 6	4 6

The comparative average prices per ton of Bengal coal (Deshherghur) at Calcutta, of Indian, Welsh and Natal coal at Bombay and Karachi, from 1934 to 1943, are shown in Table 5 (page 56) as far as available.

(a) Lignite.

4.—FREIGHTS.

In order to arrive at comparative prices of Bengal coal at the principal industrial centres of India, the freight has to be added to the f.o.r. prices. The table below shows the rates of freight (including terminal charges) per ton of coal *by rail* for full wagon loads at owners' risk (owners to load and unload) from the Raniganj and Jharia fields in 1942 and 1943 :—

	From Raniganj		From Jharia	
	1942	1943	1942	1943
	Rs. A.	Rs. A.	Rs. A.	Rs. A.
To Calcutta	{ (a) 4 0 (b) 3 14	{ (c) 4 0 (d) 3 14	{ (a) 5 7 (b) 5 3	{ (c) 5 7 (d) 5 3
„ Cawnpore Central Goods Shed	{ (a) 8 10 (b) 8 4	{ (c) 8 10 (d) 8 4	{ (a) 8 2 (b) 7 12	{ (c) 8 2 (d) 7 12
„ Jabulpore	{ (a) 9 10 (b) 9 3	{ (c) 9 10 (d) 9 3	{ (a) 9 1 (b) 8 11	{ (c) 9 1 (d) 8 11
„ Delhi*	{ (a) 10 13 (b) 10 6	{ (c) 10 13 (d) 10 6	{ (a) 10 8 (b) 10 1	{ (c) 10 8 (d) 10 1
„ Lahore Cantonment	{ (a) 13 3 (b) 12 10	{ (c) 13 3 (d) 12 10	{ (a) 12 14 (b) 12 6	{ (c) 12 14 (d) 12 6
„ Bombay	{ (a) 14 14 (b) 14 4	{ (c) 14 14 (d) 14 4	{ (a) 14 14 (b) 14 4	{ (c) 14 14 (d) 14 4
„ Karachi City	{ (a) 17 5 (b) 16 10	{ (c) 17 5 (d) 16 10	{ (a) 16 13 (b) 16 2	{ (c) 16 13 (d) 16 2

NOTE.—(i) An Excise Duty of 1½ pias per ton up to the 30th September 1942 and 2 pias per ton from the 1st October, 1942 and a Stowing Excise Duty of 2 annas per ton are leviable in addition to the rates quoted for 1942.

(ii) An Excise Duty of 2 pias per ton from the 1st January, 1943 to the 14th May, 1943, and 2½ pias per ton from the 15th May, 1943 to the 31st December, 1943 and a Stowing Excise Duty of 2 annas per ton are leviable in addition to the rates quoted for 1943.

* This station is, however, not open to booking of coal, coke and patent fuel for the public at present.

(a) Including terminals, etc. and 20 per cent surcharge for January, February, March, April and December, 1942.

(b) Including terminals, etc. and 15 per cent surcharge from May to November, 1942.

(c) Including terminals, etc. and 20 per cent surcharge for January, February, March, April and December, 1943.

(d) Including terminals, etc. and 15 per cent surcharge from May to November, 1943.

The average monthly rates of freight per ton of coal by sea at the middle of each month from Calcutta during 1943 are, as far as available, stated below.

1943	To Bombay	To Karachi	To Madras	To Colombo
	Rs. A.	Rs. A.	Rs. A.	Rs. A.
January	30 0	35 0	20 0	25 0
February	30 0	35 0	20 0	25 0
March	30 0	35 0	20 0	25 0
April	30 0	35 0	20 0	25 0
May	30 0	35 0	20 0	25 0
June	30 0	35 0	20 0	25 0
July	30 0	35 0	20 0	25 0
August	30 0	35 0	20 0	25 0
September	30 0	35 0	20 0	25 0
October	30 0	35 0	20 0	25 0
November	30 0	35 0	20 0	25 0
December	30 0	35 0	20 0	25 0

5.—PERSONS EMPLOYED IN THE COAL-MINING INDUSTRY.

Table 6 (page 57) shows the average number of men, women and children employed daily in the coal mines in India from 1934. This number represents the "average daily attendance" during the year and is obtained by dividing the total number of individual attendance by the number of working days in each year. Coal-mining employs more labour than any other mining industry in India. In the year under review the average number of persons employed daily was 241,472, or 4,216 persons or 1.7 per cent. less than that, viz., 245,688 in 1942—the decrease occurring mainly in the case of Bihar, Eastern States Agency and Hyderabad State. Details by provinces for 1943 are given below :—

Province	Men	Women	Children	TOTAL	Per cent of total	Out- put per head em- ployed
Assam (including Khasi State).	2,507	457	84	3,048	1.3	Tons 80.90
Baluchistan (including Kalat State).	1,582	..	..	1,582	0.7	35.35
Bengal	48,928	10,728	..	59,656	24.7	112.12
Bihar	104,800	25,003	11	129,814	53.8	104.63
Central India	2,735	904	6	3,645	1.5	92.09
Central Provinces	13,666	3,285	..	16,951	7.0	97.75
Eastern States Agency†.	10,135	1,777	7	11,919	4.9	134.78
Hyderabad	9,073	2,192	..	11,265	4.7	93.86
Kashmir	200	..	..	200	0.1	30.99
Orissa	712	86	..	798	0.3	167.91
Punjab	2,230	23	..	2,322	1.0	45.82
Rajputana	102	10	23	135	..	293.14
Sind	129	8	..	137	..	21.24
TOTAL	196,808	44,473	131	241,472	100.0	105.65

† Represents figures for Kora, Raigarh and Talcher States only.

It will be seen from figures in Table 6 that female labour was employed underground in British India during 1943 which was permitted as a temporary war measure to augment coal raisings.

6.—OUTPUT PER HEAD EMPLOYED.

The *per capita* output of coal in India in 1943 is compared below with the results of the preceding four years. There has been a slight decrease in *per capita* output during the year :—

	Above and below ground	Below ground only
	Tons	Tons
1939	120.0	192.5
1940	123.9	195.0
1941	119.8	198.7
1942	119.8	203.0
1943	105.6	179.8

*The total number of coal cutting machines worked by electricity during the year was 192, as compared with 197 in 1942. Coal-cutting machines were in use in 63 mines, as in 1942. The total quantity of coal cut by coal-cutting machines was 1,985,664 tons. The number of coal mines using electrical energy during the year was 153 as compared with 149 in 1942. The aggregate horse-power of electrical plant used in these mines increased from 110,082 to 113,195 during the year, i.e., an increase of about 2.83 per cent. This increase is mainly due to the increased horse power of the electrical plant in the coal mines in Bengal and Bihar. During the year electrical plant was installed and brought into use in four additional coal mines. Electrical plant was not withdrawn from any of the coal mines and no coal mines previously using electricity remained closed during the year.

The total number of deaths by accidents in coal-mines during 1943 was 340 giving a death rate of 1.4 per 1,000 persons employed, as against the corresponding figure of 1.39 in 1942.

7.—IMPORTS AND EXPORTS OF COAL.

Imports.

The quantities of foreign coal imported into British India from the principal countries during the past fifty-three years are given in Table 7 (pages 58-59). In 1943, the imports of coal fell in quantity from 8,700 tons to 2,200 tons and in value from Rs. 2½ lakhs to Rs. 72,000 as compared with the preceding year. Bombay with 51 per cent was the largest importer and was followed by Bengal, Sind and Madras which accounted for 22 per cent, 16 per cent and 11 per cent respectively. The principal suppliers during 1943 were Ceylon and Bahrein Islands. The Union of South Africa and the United Kingdom, the principal suppliers in the previous year, sent in only nominal quantities during the year. There were no imports of coal on Government account in 1943 (*vide* Table 9, page 61).

* Information supplied by the Chief Inspector of Mines in India.

Exports.

The total quantity of Indian coal (including coke) exported from British India and the share of each of the principal importing countries during the past fifty-three years are shown in Table 8 (page 60). Exports during the calendar year 1943, recorded a further decline as compared with the previous years, total shipments amounting to 264,000 tons only as against 422,000 tons in 1942 and 1,735,000 tons in 1941. The share of Calcutta, which used to export almost all the coal shipped from British India as private merchandise declined to 81 per cent in 1943 followed by Madras with 16 per cent. The principal countries of final destination in order of importance in 1943 were Ceylon, Egypt, and Aden and Dependencies. The exports of coal on Government account in 1943 were 200 tons only as against 20,200 tons in 1942 (*vide* table 9, page 61).

Shipments of bunker coal from Indian ports from 1934 to 1943 are shown in Table 10 (page 61).

The quantities of coal imported both on Government and private accounts from the principal supplying countries and entered for home consumption in Ceylon in each of the last ten years are given in Table 15 (pages 73-74). This table, therefore, illustrates the extent to which the requirements of that country were met from India as compared with other sources of supplies. The percentage shares of the principal supplying countries in the total imports into Ceylon during 1942 and 1943 are shown below :—

	Into Ceylon	
	1942	1943
Union of South Africa	21.5	14.6
British India	76.5	85.4
Australia	2.0	..

8.—COAL CONSUMPTION.

In Table 11 (page 62) is shown the quantity of coal (Indian and foreign) available for consumption in India, which is arrived at by adding imports (*minus* re-exports) to the total production and subtracting exports therefrom. Figures for Government stores and carry-over have not been taken into account in the calculation. In 1943 the figure relating to consumption in India stood at about 25,250,000 tons as compared with 29,020,000 tons in 1942. On the basis of the above calculation the estimated consumption of coal per head of population comes to .06 ton or 1.2 cwt. a year. (See also Table 3, page 54.)

In the statement appended below, an attempt has been made as usual to indicate the consumption of coal (Indian and foreign) by different industries during 1943 although, owing to the abnormal situation arising out of the war, the task has been rendered more difficult than ever. The figures stated below, which do not lay claim to a high degree of accuracy, should therefore be regarded as only approximate and very rough estimates under some of the heads:—

	Estimated consump- tion Tons	Per cent of total
Railways	9,700,000 (a)	38.4
Admiralty, Royal Indian Navy, and Director of Sea Transport accounts.	1,045,000	4.2
Bunker coal	840,000	2.5
Cotton mills	2,541,000	10.1
Jute mills	512,000	2.0
Iron, steel and brass foundries (including engineering workshops)	4,019,000	15.9
Port Trusts	143,000	0.6
Inland steamers	399,000	1.6
Brick and tile factories (including lime, potteries and cement works) *	1,521,000	6.0
Tea gardens	162,000	0.6
Paper mills	355,000	1.4
Consumption at collieries and wastage	2,551,000	10.1
Balance available for consumption in other industries and for domestic consumption †	1,862,000	6.6
TOTAL	25,250,000	100.0

Consumption on railways.—Table 13 (page 64) shows the total quantity of Indian and foreign coal and of wood and oil fuel consumed on all the railways in India during the last seventeen years, as reported by the Railway Board. In 1943-44 the total consumption of coal amounted to 10 million tons, or 33 per cent of the total production and with the exception of 29,710 tons, all were Indian coal. The quantity of wood consumed was 20,000 tons which may be taken as equivalent to 8,000 tons of coal, taking 2½ tons of wood as equivalent to one ton of coal. Wood was used chiefly on the South Indian Railway. Besides coal and wood, 39,000 tons of oil fuel were used on Indian Railways in 1943-44 which is roughly equivalent to 71,000 tons of coal, taking 0.55 ton of oil fuel as equal to 1 ton of coal. Oil fuel was used chiefly on the North Western Railway.

Consumption on Admiralty, Royal Indian Navy, and Director of Sea Transport accounts.—The consumption in 1943 was reported to be 1,045,000 tons by the Chief Mining Engineer, Railway Board and the Principal Sea Transport Officer, India.

* Estimate on the basis of consumption of coal as ascertained by special censuses in 1916 and 1917.

† Domestic consumption in Calcutta and its neighbourhood was estimated by the Coal Controller in 1917 at 200,000 tons per year.

(a) For the official year 1943-44.

*Bunker coal.**—Statistics relating to the shipment of bunker coal, which have been obtained from the different Custom Houses, are shown in table No. 10 (page 61). The total shipments from British India in 1943 amounted to 640,000 tons. The details are:—Calcutta 218,000 tons, Bombay 140,000 tons, Karachi 55,000 tons and Madras 227,000 tons.

Cotton and jute mills.—Out of 484 cotton mills working, returns from 98 were obtained. In the case of mills which furnished no returns, estimates have been made on the basis of the number of looms and spindles at work. For jute mills, the data were mainly furnished by the Indian Jute Mills Association.

Iron, steel and brass foundries (including engineering workshops).—The total reported figure comes to 3,227,000 tons. In the case of works which did not furnish returns, estimates have been made on the basis of the number of persons employed.

Port Trusts.—Statistics of consumption in the workshops, ferry steamer etc., at the principal ports have been obtained from the different Port authorities.

Inland steamers.—The total reported figure comes to 396,000 tons. There are some smaller companies from which no returns were received and whose consumption has been estimated.

Brick and tile manufacture.—The quantity of coal used in the brick and tile industry has been roughly estimated to be 1,521,000 tons.

Tea gardens.—Estimates have been framed on the basis of data furnished by most of the important tea companies. In many tea estates, wood is the only or chief fuel used.

Paper mills.—The consumption in 1943 was estimated at 355,000 tons on the basis of the reports furnished by millowners.

Consumption at collieries and wastage.—Ten per cent of the total production has been taken for consumption at collieries and wastage.

Balance available for consumption in other industries and for domestic consumption.—A considerable portion of the balance of about 2 million tons must also be debited to industrial consumption, for, besides the important classes of industries stated above, there are numerous other classes of establishments and factories which are worked by steam, the principal amongst which are cotton gins and presses, jute presses, flour and rice mills, dockyards, oil mills, water works, electric supply works, tramway works, gold mines, sugar factories, gas works, breweries and distilleries, petroleum refineries, ice, mineral and aerated water factories, mints, municipal work-shops, stone works, woollen mills, mining works (other than coal), chemical works, dye works, indigo and lac factories, glass works and rope works. A certain amount of soft coke is used for domestic consumption and its use is now gaining popularity owing to the growing scarcity of wood fuel.

* Bunker coal is not included in the figures of export (vide footnote * to table 8, page 80).

9.—COAL-MINING INDUSTRY.

The following table shows the number of Joint-Stock Coal Companies and their total paid-up capital during the ten years ending 1943-44 :—

	No.	Paid-up capital Rs. (lakhs)
1934-35	214	10,19
1935-36	217	10,45
1936-37	202	9,95
1937-38	203	9,94
1938-39	206	10,00
1939-40	206	9,94
1940-41	201	9,98
1941-42	209	10,03
1942-43	218	10,05
1943-44	229	10,14

The total amount of capital employed in the coal-mining industry cannot be correctly stated, as reports relating to the capital employed by private individuals and syndicates are not available. There were 207 Joint-Stock Coal Companies at work in Bengal and Bihar on the 31st March, 1944. A list of these, together with the amount of their authorised and paid-up capital and the debentures issued, is given in table 14 (pages 65-72). The collieries worked by Joint-Stock Companies (including railway companies) accounted for 78 per cent of the total output of the Bengal and Bihar coal-fields in 1943. Outside Bengal and Bihar there were only 22 Joint-Stock Companies at work during the year. Eighteen of the Coal Companies at work on the 31st March, 1944, had a paid-up capital (exclusive of debentures) of more than Rs. 15,00,000 as shown below :—

	Paid-up capital Rs.
Hyderabad (Deccan) Company	89,37,600
Burrakur Coal Company	68,46,040
Singareni Collieries Company	63,21,450
Bengal Coal Company	40,00,000
Equitable Coal Company	33,83,760
Lodna Colliery Company (1920)	29,00,000
M. K. Khanna & Company	25,00,000
Karapura Development Company	20,00,000
Talcher Coal-fields	20,00,000
Baraboni Coal Concern	19,82,520
New Beerbhoom Coal Company	19,76,230
Famla Collieries	18,40,400
South Karapura Coal Company	17,50,000
Dhemo Main Collieries	16,00,000
Balihari Colliery Company	16,00,000
Bha'gora Coal Company	15,97,000
East Indian Coal Company	15,96,000
Eastern Coal Company	15,96,000

There were sixteen others, each of which had a paid-up capital of Rs. 7,50,000 or above but less than Rs. 15,00,000.

Out of 54 coal companies mentioned in the Calcutta Stock and Share List* with an aggregate paid-up capital of Rs. 5,77 lakhs, 19 declared no dividends. One company gave a dividend of 39½ per cent, five 20 per cent, two 17½ per cent, one 16½ per cent, one 15½ per cent and one 15 per cent, while the remainder declared dividends ranging from 2½ to 11½ per cent.

The table below shows the trend of profits of the coal-mining industry in India during recent years.

Year	No. of Companies	Profits (Rs000)	Profits, same companies, preceding year (Rs000)	Chain Index [Base, 1928=100]
1928	58	80,47	..	100.0
1929	58	79,16	80,47	98.4
1930	58	98,24	79,16	122.1
1931	62	77,16	1,03,33	91.2
1932	63	63,59	77,25	75.0
1933	64	50,98	63,45	80.3
1934	64	50,48	50,98	59.7
1935	62	54,29	50,79	63.8
1936	61	53,05	54,16	62.5
1937	56	60,71	52,88	71.8
1938	54	1,22,77	61,86	142.4
1939	55	1,19,00	1,21,77	139.1
1940	55	1,10,93	1,19,00	140.2
1941	55	98,29	1,19,93	114.9
1942	53	94,00	97,95	110.3
1943	53	1,13,86	86,29	145.5

† The total output of coal in British India during the year decreased by 13.50 per cent and the opening stocks in 1943 were 1,965,429 tons and the reported closing stocks 929,994 tons.

† There was again a decrease in the quantity of soft coke manufactured at the collieries for domestic consumption during 1943, the decrease being 17.52 per cent.

* Calcutta Stock and Share List published in "Capital" of 21st December, 1944.

† Information supplied by the Chief Inspector of Mines in India.

*The surcharge on coal freight was 20 per cent from the 1st December, 1942 to the 30th April, 1943, and from the 1st May, 1943 onwards up to the 30th November, 1943 it was 15 per cent. It was again raised to 20 per cent from the 1st December, 1943 and remained as such up to the end of the year. This was done in the hope that the more favourable rate in the months prior to the busy season would encourage consumers of coal on a large scale to secure their stocks at a time when the wagon position was normally easier so as to make more wagons available for other traffic in the winter months.

10.—STATISTICS RELATING TO THE PRESENT POSITION OF THE COAL INDUSTRY

It may be convenient to bring together some of the latest statistics relating to the position of the coal industry in India.

Raisings of coal in British India, under the Indian Mines Act, and despatches from the mines in each month of the calendar year, 1944, are shown below with comparative figures for the three preceding years and the average of three years ending 1940 :—

	1938-40 (average).		1941		1942		1943		1944	
	Raisings Tons (1,000)	Despatches Tons (1,000)	Raisings Tons (1,000)	Despatches Tons (1,000)	Raisings Tons (1,000)	Despatches Tons (1,000)	Raisings Tons (1,000)	Despatches Tons (1,000)	Raisings Tons (1,000)	Despatches Tons (1,000)
January . . .	2,092	1,836	2,255	1,866	2,166	1,853	1,967	1,704	1,809	1,632
February . . .	2,273	1,837	2,213	1,788	2,453	1,742	2,217	1,644	2,248	1,783
March . . .	2,201	1,947	2,169	1,881	2,468	1,906	2,391	1,886	2,228	1,875
April . . .	2,146	1,879	2,139	1,768	2,314	1,694	2,220	1,781	2,116	1,820
May . . .	2,069	1,871	2,110	1,878	2,194	1,596	2,106	1,822	2,101	1,799
June . . .	1,952	1,735	1,888	1,802	2,212	1,617	1,900	1,757	1,892	1,781
July . . .	1,950	1,639	1,986	1,999	1,988	1,804	1,674	1,637	1,717	1,666
August . . .	2,026	1,649	2,210	1,999	1,965	1,556	1,654	1,615	1,717	1,562
September . . .	2,355	1,897	2,363	1,916	2,159	1,769	1,913	1,652	1,874	1,642
October . . .	2,054	1,895	2,249	2,031	2,182	1,709	1,630	1,665	2,007	1,785
November . . .	1,973	1,776	2,174	1,907	1,819	1,538	1,389	1,357	1,789	1,661
December . . .	2,220	1,842	2,236	1,814	2,057	1,488	1,715	1,504	1,993	1,725

The statement below shows the imports on private account of foreign coal into British India and the exports of coal abroad from British India as well

* Information supplied by the Chief Inspector of Mines in India.

† Figures based on unadjusted data.

as the coastwise exports from Bengal to other Indian ports in 1942, 1943 and 1944 :—

	IMPORTS OF COAL* BY SEA INTO BRITISH INDIA FROM FOREIGN COUNTRIES			EXPORTS OF INDIAN COAL* BY SEA FROM BRITISH INDIA TO FOREIGN COUNTRIES			EXPORTS OF INDIAN COAL† BY SEA (COASTWISE) FROM BENGAL TO OTHER INDIAN PORTS		
	1942	1943	1944	1942	1943	1944	1942	1943	1944
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
January	3,345	251	350	123,339	18,357	..	8,049	2,655	4,779
February	140	..	40	65,354	44,342	..	12,896	14,949	36,146
March	1,005	945	..	21,215	56,894	7,225	21,389	44,312	32,142
April	500	836	..	15,209	26,864	17,267	28,984	32,472	56,467
May	27	..	..	3,059	62,344	30,384	..	24,857	57,878
June	850	87	27	18,824	7,574	12,569	..	34,420	60,308
July	1,850	231	..	18,034	5,695	12,267	8,756	58,326	61,302
August	828	..	..	14,782	2,048	8,380	1,126	536	59,954
September	115	126	..	35,614	5,271	3,758	8,111	90	72,272
October	994	5	..	34,153	17,525	5,330	7,687	4,232	54,122
November	12	220	..	46,288	22,275	5,459	2,668	8,000	70,790
December	..	..	..	29,120	..	15	14,641	6,471	64,319
TOTAL	8,666	2,201	428	422,001	263,686	103,643	114,307	231,320	640,499

* Including coke.

† Excluding coke.

The course of prices of coal during 1942, 1943 and 1944 may be seen from the quotations given below which relate to the first week of each month.*

Prices of Desherghur coal per ton into wagon.

Year	January	February	March	April	May	June	July	August	September	October	November	December
	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.
1942	5 0	5 8	6 8	5 8	5 8	5 8 to 6 0	5 8 to 6 0	5 8 to 6 4	5 12 to 6 4	5 12 to 6 4	5 12 to 6 4	7 0
1943	7 0	7 0	7 0	8 0	8 0	8 0	10 0	10 0	10 0	10 0	10 0	10 0
1944	12 0	12 0	12 0	12 0	12 0	13 0	13 0	13 0	13 0	13 0	13 0	13 0

Prices of selected Jharia coal per ton into wagon.

1942	{ 4 8 to 6 0	{ 4 8 to 6 0	{ 4 8 to 6 0	{ 4 8 to 6 0	{ 4 8 to 6 0	{ 4 8 to 6 0	{ 4 8 to 6 0	{ 4 12 to 6 8	{ 4 12 to 6 8	{ 4 12 to 6 8	{ 4 12 to 6 8	{ 5 8 to 7 8
1943	{ 6 0 to 7 8	{ 6 0 to 7 8	{ 6 0 to 7 8	{ 6 12 to 8 8	{ 6 12 to 8 8	{ 6 12 to 8 8	{ 6 12 to 10 8	{ 9 12 to 10 8	{ 9 12 to 10 8	{ 9 12 to 10 8	{ 9 12 to 10 8	{ 9 12 to 10 8
1944	{ 11 12 to 12 8	{ 11 8 to 12 8	{ 11 12 to 12 8	{ 12 8	{ 12 8	{ 12 0 (b) 13 0	{ 12 0 (b) 13 0	{ 12 0 (b) 13 0	{ 12 0 (b) 13 0	{ 12 0 (b) 13 0	{ 12 0 (b) 13 0	{ 12 0 (b) 13 0

Prices of 1st Grade Jharia coal per ton into wagon.

1942	{ 8 12 to 4 4	{ 8 12 to 4 4	{ 8 12 to 4 4	{ 8 12 to 4 4	{ 8 12 to 4 4	{ 8 12 to 4 4	{ 8 12 to 4 4	{ 4 0 to 4 8	{ 4 0 to 4 8	{ 4 0 to 4 8	{ 4 0 to 4 8	{ 4 8 to 5 4
1943	{ 5 0 to 6 0	{ 5 0 to 6 0	{ 5 0 to 6 0	{ 5 8 to 6 8	{ 5 8 to 6 8	{ 5 8 to 6 8	{ 5 8 to 6 8	{ 7 8 to 8 8	{ 7 8 to 8 8	{ 8 8 to 9 8	{ 8 8 to 9 8	{ 8 8 to 9 8
1944	{ 10 8 to 11 8	{ 10 8 to 11 8	{ 10 8 to 11 8	{ 11 8	{ 11 8	{ 11 2	{ 11 2	{ 11 2	{ 11 2	{ 11 2	{ 11 2	{ 11 2

* Quotations taken from the "Calcutta Prices Current and Money Market Report".

(a) Selected grade Jharia "B".

(b) " " " " "A".

11.—GENERAL.

*The total quantity of coal handled at the Port of Calcutta during the year 1943-44 amounted to 968,260 tons. Of this quantity 685,798 tons were shipped as cargo and 220,163 tons as bunkers by sea-going vessels. No coal was shipped during the year for the use of Indian Railways. 62,299 tons of coal were shipped on account of the Ceylon Government Railway. As compared with the last year, there was an increase of 81,423 tons in the shipment of cargo coal. Shipment of bunker coal showed a decrease of 13,312 tons.

*The Indian Coal Grading Board granted shipment certificates for 707,361 tons during the year 1943-44, as against 716,249 tons during the previous year. The quality of export coal was satisfactory.

*The Soft Coke Cess Committee carried on their propaganda work as in previous years. 359,230 tons of Soft Coke were despatched from the Bengal Coal-fields during the year 1943-44, as compared with 383,400 tons during the previous year.

The Coal Mines Stowing Board was constituted on the 1st November, 1939 under the Coal Mines Safety (Stowing) Act (No. XIX of 1939). The principal function of the Board is to administer the Coal Mines Stowing Fund, financed from the proceeds of an excise duty levied on all coal and coke raised and despatched from collieries in the whole of British India excepting the Punjab and Assam. The excise duty, which began to be collected from the 1st December, 1939, is levied at the rate of annas two per ton on coal and soft coke and at annas three per ton on hard coke. The Board is authorised to make grants from the Coal Mines Stowing Fund for the following purposes :—

(a) For stowing or other protective measures which are required to be undertaken by an order issued by the Mines Department under Section 9(3) of the Coal Mines Safety (Stowing) Act, (b) for any protective measures essential for the effective prevention of the spread of fire to, or the inundation by water of, any coal mine from an area adjacent to it, (c) for stowing operations voluntarily undertaken in the interests of safety, and (d) for research connected with safety in mines.

* Information supplied by the Chief Mining Engineer, Railway Board.

A. R. SINHA,
Offg. Director of Statistics.

DEPT. OF COMMERCIAL INTELLIGENCE AND
STATISTICS, INDIA,

The 30th Nov., 1945.

PART II—TABLES.

1.—PRODUCTION OF COAL IN EACH PROVINCE AND STATE OF INDIA.

Year	BRITISH PROVINCES											TOTAL
	Burma†	Assam ‡	Bihar *	Orissa	Bengal †	Punjab	Balu-chistan ‡	Central Provinces	Madras	N.-W. F. Province	Sind	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
1876-1880 (Average)	..	..	..	..	946,000	..	..	41,000	..	..	..	987,000
1881-1885 (Average)	..	12,000	..	..	1,110,000	..	..	103,000	..	..	..	1,225,000
1886-1890 (Average)	..	105,000	(c)	(c)	1,411,000	16,000	5,000	137,000	..	..	..	1,674,000
1891-1895 (Average)	..	165,000			2,064,000	69,000	19,000	134,000	1,000	..	..	2,460,000
1896-1900 (Average)	12,000	201,000	}	}	3,763,000	83,000	13,000	151,000	..	..	..	4,223,000
1901-1905 (Average)	7,000	252,000			6,431,000	55,000	39,000	167,000	..	..	..	7,001,000
1906-1910 (Average)	..	292,000	}	}	3,526,000	55,000	47,000	180,000	..	..	..	10,896,000
1911-1915 (Average)	..	296,000			4,443,000	46,000	49,000	236,000	..	..	..	14,739,000
1916-1920 (Average)	(a) 1,500	300,000	}	(d)	4,982,000	51,000	39,000	428,000	..	..	..	18,493,000
1921-1925 (Average)	..	328,000			6,631,000	71,000	33,000	665,000	..	..	..	19,116,000
1926-1930 (Average)	..	320,000	}	}	5,723,000	54,000	10,000	774,000	..	..	..	21,542,000
1931-1935 (Average)	..	216,000			6,025,000	98,000	10,000	1,245,000	..	..	..	19,732,000
1936-1940 (Average)	..	254,000	14,270,000	49,000	7,397,000	179,000	12,000	1,644,000	..	..	..	23,805,000
1934	..	168,313	12,323,760	(d)	6,150,486	126,260	10,510	1,438,000	..	..	..	20,214,324
1935	..	(b) 218,630	12,438,058	..	6,082,752	144,423	4,946	1,526,000	..	..	..	21,015,090
1936	..	(b) 201,563	12,016,914	31,061	6,067,841	156,849	3,451	1,507,962	..	..	..	20,585,691
1937	..	(b) 243,650	13,886,017	47,127	6,527,820	166,432	10,123	1,604,153	..	..	..	22,336,720
1938	..	(b) 237,364	15,364,079	44,425	7,745,379	184,028	14,388	1,653,628	..	..	..	25,278,252
1939	..	(b) 284,541	14,787,661	58,687	7,591,405	194,080	16,213	1,742,831	..	8	..	24,075,516
1940	..	(b) 270,036	15,344,992	62,660	8,453,082	195,410	13,247	1,800,313	..	11	50	26,146,021
1941	..	(b) 256,250	15,422,328	86,200	7,936,203	174,968	17,807	1,794,339	..	..	752	26,092,073
1942	..	(b) 255,371	15,917,381	146,733	7,658,704	135,755	22,695	1,836,522	..	..	1,222	25,964,273
1943	..	(b) 245,587	13,562,927	126,014	6,688,856	106,406	52,749	1,657,019	..	..	2,911	22,468,469

* Figures for years prior to 1930 include Orissa. † Includes figures for Bihar and Orissa up to 1906.

‡ Figures for years prior to 1921 for Kalat State in Baluchistan and Ghazal and Jafalia Hills in Assam are included in respective British Provinces.

§ Ceased to be a part of India from April, 1937.

(a) Figure for 1919.

(c) Figures included in Bengal.

(b) Includes figures for mines in the Khasi and Jaintia Hills which are situated within the British territory.

(d) Figures included in Bihar.

1.—PRODUCTION OF COAL IN EACH PROVINCE AND STATE OF INDIA—contd.

Year	INDIAN STATES									GRAND TOTAL
	Assam (Khasi States)	Eastern States Agency		Baluchistan (Kaiat State)	Hyderabad	Rajputana (Bikaner)	Central India (Rewab)	Kashmir	TOTAL	
		Orissa (Talcher State)	Central Provinces (Korea State and Raigarh State)							
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1878-1880 (Average)	..	..	..	..	..	..	2,000	..	2,000	287,000
1881-1885 (Average)	..	..	..	..	..	..	..	..	..	1,227,000
1886-1890 (Average)	..	..	..	..	41,000	..	40,000	..	81,000	1,755,000
1891-1895 (Average)	..	..	..	..	197,000	..	101,000	..	298,000	2,758,000
1896-1900 (Average)	(a)	..	..	(a)	378,000	3,000	141,000	..	522,000	4,750,000
1901-1905 (Average)	..	..	..	..	423,000	28,000	175,000	..	626,000	7,627,000
1906-1910 (Average)	..	..	..	..	455,000	21,000	151,000	..	627,000	11,523,000
1911-1915 (Average)	..	..	..	..	637,000	17,000	147,000	..	701,000	15,440,000
1916-1920 (Average)	..	..	..	..	662,000	13,000	188,000	..	863,000	19,358,000
1921-1925 (Average)	..	4,000	..	13,000	661,000	19,000	197,000	..	894,000	20,010,000
1926-1930 (Average)	1,000	38,000	..	6,000	742,000	29,000	210,000	..	1,027,000	22,569,000
1931-1935 (Average)	2,000	266,000	281,000	4,000	753,000	36,000	268,000	..	1,615,000	21,347,000
1936-1940 (Average)	7,000	395,000	228,000	7,000	1,121,000	35,000	332,000	..	2,325,000	26,630,000
1934	8,214	806,649	408,512	4,221	769,936	36,510	289,381	..	1,818,123	22,057,447
1935	(b) 1,907	809,282	501,987	4,012	720,414	84,425	329,369	..	2,000,906	25,016,695
1936	(b) 1,648	223,664	582,768	4,048	852,739	80,177	329,488	..	2,025,130	22,010,821
1937	(b) 4,013	891,787	653,201	4,856	1,076,241	82,369	384,291	..	2,609,657	25,030,396
1938	(b) 10,064	448,285	1,015,458	7,494	1,211,168	84,717	336,598	..	3,064,624	28,342,006
1939	(b) 12,627	440,187	1,051,064	8,106	1,214,668	89,204	327,479	861	3,093,506	27,769,112
1940	(b) 7,384	469,655	1,135,354	5,642	1,250,122	46,588	338,305	428	3,249,473	29,766,494
1941	(b) 1,467	512,375	1,116,310	9,395	1,301,378	42,337	386,007	..	3,371,639	29,468,742
1942	(b) 4,408	446,230	1,286,351	14,432	1,277,163	47,966	401,510	93	3,478,080	29,433,263
1943	..	409,820	1,196,618	8,198	1,057,370	39,575	335,680	6,199	3,048,440	25,511,909

(a) Figures included in British Provinces.

(b) Excludes figures for mines in the Khasi and Jaintia Hills which are situated within the British territory.

2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA.

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA.		Tons	Tons	Tons
ASSAM.				
GARO HILLS—				
<i>Worked by joint-stock company—</i>				
Soling (Prospecting)	Assam Mining Corporation, Ltd.	57	..	..
KHASI AND JAINTEA HILLS—				
(1) Act Mines—				
<i>Worked by joint-stock company—</i>				
Cherrapunji . . .	Cherra-Chhatak Ropeway C. L.	8,301	12,260	6,561
(2) Non-Act Mines . .	....	76	75	11,176
MAKUM COAL-FIELD—				
LAKHIMPUR—				
<i>Worked by joint-stock companies—</i>				
Bara-Golai . . .	Assam Rys. and Tdg. C. L.	130,654	109,163	89,167
Ledo-Valley . . .		43,333	43,807	44,005
Lekhapani . . .		..	..	..
Namdang . . .		43,078	40,233	46,906
Tipong . . .		4,533	15,092	28,490
NAGA HILLS—				
<i>Worked by joint-stock company—</i>				
Kongon and Borjan .	Nazira Coal C. L.	24,703	24,815	16,763
SIBSAGAR—				
<i>Worked by private owner—</i>				
Dilli . . .	Mohita, Bhagirath	921	1,036	3,519
TOTAL, ASSAM		256,256	256,371	246,587

* NOTE.—(1) "C. C."=Coal Company; "L."=Limited; "C. A."=Coal Association
 "S."=Syndicate; "C. Co."=Coal Concern; "Cl. C."=Colliery or Collieries Company; "M.
 C."=Mining Company.

(2) The figures of production for different mines in Bihar and Bengal in successive years are in some cases not comparable owing to the change of name, transfer of proprietorship, and amalgamation of mines.

(3) Comparative figures of each mine prior to 1941 will be found in earlier issues of the Report.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR.				
HAZARIBAGH—				
GIRIDIH COAL-FIELD—				
(1) <i>Worked by Govt.—</i>				
Kurhurbaree . . .	Govt. of India, Ry. Deptt. (E. I. Ry.)	374,955	274,836	295,105
Serampore . . .	Ditto . . .	217,311	164,578	179,351
(2) <i>Worked by private owners—</i>				
Kabirabad . . .	Serampore C. C. . .	..	1,359	3,452
Kuldea . . .	National C. C. (Chakrabutty, B.)	1,049	847	659
Kuldiha (North) . .	Bayra C. A. . .	901	649	471
Serampore . . .	Serampore C. C. . .	..	311	..
Silgora . . .	National C. C. (Chak- rabutty, B.)	2,143	2,461	903
TOTAL, GIRIDIH COAL- FIELD.		596,359	445,031	479,941
JHARIA COAL-FIELD—				
MANBHAM—				
(1) <i>Worked by joint-stock companies—</i>				
Alkusa and Nyadee .	Alkusa & Nyadee Cl. C. L.	73,228	70,842	61,773
Amlabad . . .	Eastern C. C. L. .	104,460	84,560	79,980
Angarpathra . . .	Union C. C. L. .	101,537	79,870	70,178
" . . .	National C. C. L. .	17,748	16,913	17,249
Baliary . . .	Chunilal Ticam- chand C. C. L. .	34,782	64,148	29,738
Balihari . . .	Balihari Cl. O. L. .	114,973	78,775	74,062
Bamangora . . .	Howrah Trading C. L.	13,800	19,010	5,799
Bansdeopur . . .	New Bansdeopur C. C. L.	101,080	92,172	75,710
Bararee (North) . .	Birbhum Cl. C. L. .	23,925	23,333	18,770
Bastacolli . . .	New Beerbhoom C. C. L.	46,903	45,554	50,436
Bosudev (Plots A & B)	Orissa Development C. L.	—	—	..
Bengal Jharia . . .	Bengal Jharia C. C. L.	35,198	34,983	33,837
Bhagaband . . .	Borrea C. C. L. .	206,365	169,126	167,533
Bhailgora . . .	Bhailgora C. C. L. .	83,393	76,133	75,265

* NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. On.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M. C.”=Mining Company.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
JHARKHA COAL-FIELD—contd.				
MANBHOOM—contd.				
(1) Worked by joint-stock companies—contd.				
Bhailgora (East) . . .	E. Bhailgora Cl. C. L.	49,736	41,640	26,840
Bhatdee . . .	Bengal Bhatdee C. C. L.	53,343	53,001	35,314
Bhowra . . .	Eastern C. C. L.	137,810	108,429	124,470
Bhuggatdih . . .	Bengal Nagpur C. C. L.	102,414	89,021	76,777
" (East) . . .	E. Bhuggatdih Cl. C. L.	102,208	133,913	86,474
Bhulanbararee . . .	Bhulanbararee C. C. L.	160,549	128,880	116,241
Bhurangia (North) . . .	Kanga & Co. L.	..	..	..
Bhutgoria . . .	Equitable C. C. L.	..	..	..
Bararee and Jealgora†	East Indian C. C. L.	328,175	362,188	307,158
Budroochuck . . .	Budroochuck O. M. C. L.	80,773	86,187	64,998
Busserya . . .	Busserya C. C. L.	61,219	50,936	57,737
Bussuria (East) . . .	East Bussuria Cl. C. L.	(a)	40,489	47,731
Chasua . . .	Indian Iron & Steel C. L.	106,923	69,999	62,735
Dhansar—North	Dhansar C. C. L.	61,183	74,381	56,085
Bhaggatdih—Haripur	Central Tentulia C. C. L.	7,196	7,176	6,482
Dhansar . . .	Dhansar C. C. L.	39,727	45,968	34,906
Dharajoba . . .	Khas Dharmaband Cl. C. L.	79,078	46,610	44,069
Dharmaband . . .	Tata Iron and Steel C. L.	201,018	242,297	292,753
Digwardih . . .	R. N. Bagchi & Bros., Dobari Cl. L.	50,892	38,313	16,149
Dobari . . .	North-West C. C. L.	167,437	193,362	152,585
Ena . . .	East Ena Cl. C. L.	58,318	105,313	44,092
" (East) . . .	New Manbhoom C. C. L.	175,611	148,565	136,667
Gaslitan . . .	New Gobindapore C. C. L.	17,198	24,772	24,801
Gobindapore (New) . . .	Golukdih Cl. C. L.	76,053	61,122	66,610
Golukdih . . .	Central Kurkend C. C. L.	147,750	117,568	99,236
Gopalchuck (West) . . .	Bhailgora Cl. C. L.	5,989	..	..
" (East) . . .				

* NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Co.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M. C.”=Mining Company.

† Including North Jealgora.

(a) Worked by private owners.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—*contd.***

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—<i>contd.</i>				
BIHAR—<i>contd.</i>				
JHARIA COAL-FIELD—<i>contd.</i>				
MANBHUM—<i>contd.</i>				
<i>(1) Worked by joint-stock companies—<i>contd.</i></i>				
Huriladih	Equitable C. O. L. .	139,147	200,952	179,877
Jamadoh	Tata Iron & Steel C. L. .	321,027	269,153	248,105
„ (Nos. 6 & 7 pits)	„ Ditto	—	—	45,338
Jinagora (Central) .	Cent. Jeenagora C. C. L. .	22,972	22,979	13,475
„ (New)	New Jinagora C. C. L. .	25,291	20,980	17,442
Jeenagora (East Bararoo)	Jeenagora (East Bararoo) Cl. O. L. .	58,025	63,432	47,133
Jogta	Agabeg Bros. L. .	117,522	86,701	90,188
Joyrampur (Khas) .	Khas Joyrampur Cl. C. L. .	98,060	100,938	97,603
„ (Pure)	Pure Joyrampur C. C. L. .	83,546	29,347	29,518
Jitpur (Neonodih) .	Bengal Iron C. L. (In voluntary liquidation.)	104,668	172,451	156,222
Kankaneo	Eastern C. C. L. .	108,720	97,210	107,360
Katras—Choitodih .	Burrakur C. C. L. .	178,553	172,153	188,071
„ (East)	East Katras Cl. C. L. .	1,222	12,041	23,807
Kendwadih	Huriladih C. O. L. .	161,486	157,623	125,006
„ †	East Indian C. C. L. .	113,073	145,919	157,072
Kessurgarah† . . .	Manbhumi C. S. L. .	(a)	59,891	41,143
Kharkhari	Kharkhari C. C. L. .	50,713	63,097	35,062
Khas Jharia (East) .	Khas Jharia Cl. O. (1933) L. .	57,190	62,717	41,983
Kirkend	Matiram Roshan Lali C. O. L. .	31,915	41,912	15,643
Kailuidih (Khas) .	Karam Chand Thapar & Bros. L. .	19,095	21,776	21,510
Kujama Pandebera .	Khas Busra C. On. L. .	27,772	26,252	10,116
Kurkend (Central) .	Cent. Kurkend C. C. L. .	49,859	40,814	38,716
Kustore	Raneegunge O. A. L. .	300,385	205,084	161,086
Kusunda (Khas) . .	Khas Kusunda C.C.L. .	—	—	7,303
Lakurka	Lakurka C. C. L. .	142,047	148,551	100,939
Loyabad	Burrakur C. C. L. .	334,932	287,225	295,223

* NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. On.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M. C.”=Mining Company.

† Including Khoira, Kirkend, Dheriajoba, North Bulliari, and South Bulliari, etc.

‡ Formerly called Damuda (North).

(a) Worked by private owner.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
JHARIA COAL-FIELD—contd.				
MANBHAM—contd.				
(1) Worked by joint-stock companies—conold.				
Lodna (Pits Nos. 4, 5 and 9).	Lodna Cl. C. (1920) L.	545,974	528,304	(a) 520,906
" " " " "	North Burrakur C. C. L.	36,917	48,880	13,293
" " " " "	New Standard C. C. L.	79,608	73,523	77,403
" (East) " "	East Lodna Cl. C. L.	(b)	(b)	4,413
Madhuwand " "	Karamchand Thapar & Bros. L.	104,288	60,360	57,301
Maheshpur " "	Maheshpur Cl. L.	33,809	29,540	7,907
Maikera-Choitodih " "	Tata Iron & Steel C. L.	208,390	245,972	197,337
Marine (new) " "	New Marine C. C. (Bengal) L.	76,307	84,083	73,796
Mucheraidih (East) " "	East Mucheraidih C. C. L.	15,957	26,588	16,366
Mudidih " " "	Burrakur C. C. L.	114,478	119,618	106,300
Murulidih " " "	Bengal C. C. L.	157,922	134,401	89,782
Nichitpur " " "	Nichitpur C. C. L.	(b)	(b)	22,084
Pathardih " " "	Pathardih Sudamdih Cl. L.	22,507	20,890	14,372
Pootkee " " "	Eastern C. C. L.	38,776	11,176	54,470
Sendra " " "	Sendra C. C. L.	140,519	91,921	69,791
" (Bansjora) " "	Sendra Bansjora Cl. C. L.	90,843	86,493	73,867
Sijua " " "	Tata Iron & Steel C. L.	270,935	254,877	244,948
Simlabahal " " "	Bhalgora C. C. L.	26,203	22,962	19,532
Sinidih " " "	Sinidih Cl. Cn. (1939) L.	28,015	27,907	18,210
" (New) " " "	New Sinidih C. C. L.	12,904	6,412	8,697
Standard (Benshir and Jharia Khas Section)	Standard C. C. L.	212,325	147,056	142,004
Sudamdih (New) " "	New Sudamdih Cl. L.	21,221	17,476	10,045
" (East) " " "	Kanga & Co., L.	—	77	150
Surstand " " "	North Burrakur C.O.L.	37,943	50,232	61,940
Tentulia (Central) " "	Central Tentulia C. C. L.	17,174	19,322	7,631
" (Khas) " " "	Karamchand Thapar & Bros. Ltd.	—	—	4,083
Tisra (South) " "	South Tisra Cl. C. L.	29,870	29,648	36,924
(2) Worked by private owners—				
Akaskinaree (North) " "	Khimji Dossa & Co.	..	5,133	10,825

* NOTE.—"C. C." = Coal Company; "L." = Limited; "C. A." = Coal Association; "S." = Syndicate; "C. Cn." = Coal Concern; "Cl. C." = Colliery or Collieries Company; "M. C." = Mining Company.

(a) Includes figures for pit No. 10.

(b) Worked by private owner.

2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—*contd.*

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA— <i>contd.</i>		Tons	Tons	Tons
BIHAR— <i>contd.</i>				
JHARIA COAL-FIELD— <i>contd.</i>				
MANBHUM— <i>contd.</i>				
(2) Worked by private owners— <i>contd.</i>				
Angarpathra . . .	B. Trigunait & Bros. (Receiver—S. C. Mazumdar).	1,565	2,140	2,580
„ (Shree Mahabir)	Shree Mahabir Angar- pathra Cl. C.	—	—	810
„ (Kalisthan).	Kalisthan Angar- pathra C. C.	400	2,130	991
„ (Central) .	Taneja, R. B. Wali- ram.	144	6,182	4,625
„ (Model) .	Agarwalla, B. L. .	3,741	24,520	4,754
„ (North) .	North Angar- pathra C. C.	8,553	14,414	6,506
„ (Selected) (Pure)	Taneja, R. B. W. .	2,801	12,878	11,949
„ (Khas) (Sect. A.)	Khas Angarpathra C. C. (Receiver— B. K. Mitra).	17,852	19,888	6,932
„ (Khas) Sect. B.	Dass, B. G. . .	24,277	12,252	4,468
„ (New) .	Kohinoor C. C. .	7,395	8,866	2,784
„ (West) .	West Angarpathra Cl. C.	1,916	15,291	5,870
Angarpathra, Kanta- pahari and West Kantapahari.	Angarpathra Cl. C. .	27,816	28,115	21,030
Asbakuty . . .	R. S. Chandan Mull Indra Kumar.	38,680	44,414	36,147
Aukland (New) .	Nawagarh C. Cn. .	—	—	600
Bagmara (East) .	G h a n s h yamdass Agarwalla.	6,143	7,628	5,073
Bahaldih . . .	Bahaldih C. C. (Sunda S.)	2,244	4,190	600
Baheraberaohuck .	Banerjee, K. P. .	1,282	937	2,286
Baijardih (Khas) .	Baniardih C. C. .	—	3,987	5,780
„ .	Selected Behrakun- dar, C. Cn.	—	—	—
„ (Central) .	Annapurna C. C. .	—	3,253	464
Baijardih (Central) ..	Central Baijardih C. C.	—	1,537	703
Bansjora (Central) (Khas)	Bihar C. C. . .	25,121	23,204	20,781
„ (Upper) .	Bhutani, H. . .	—	200	—
„ (Pure) .	Baswatia, M. L. .	—	25	75
„ (Selected) (Pure)	Bhutsin, H. C. .	1,745	13,193	11,402
„ (Central) .	Agarwalla, R. .	—	1,800	4,125
„ (Khas) .	Khas Bansjora Cl. C.	8,517	9,404	6,655
Baramoshia . . .	Saba, H. C. . .	—	2,170	1,684
„ (North) .	Mukherjee, B. K. .	—	4,792	2,234

*NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Cn.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M. O.”=Mining Company.

2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—*contd.*

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—<i>contd.</i>				
BIHAR—<i>contd.</i>				
JHARIA COAL-FIELD—<i>contd.</i>				
MANBHUM—<i>contd.</i>				
<i>(2) Worked by private owners—<i>contd.</i></i>				
Baraore (Joyrampur) .	Marwari, N. .	..	4,427	2,900
Batora (South) .	Dhanji Meghjee Thacker.	338	..	..
" (") .	Singh, H. N. and R. N.	—	—	6,039
" (") .	Lalla, J. P. .	7,830	20,005	7,640
" (Pure) .	Sahai, N. .	..	3,045	2,434
" .	Taneja, R. B. Waliram.	4,595	11,634	5,237
" (Trigunait East)	Trigunait, J. C. .	..	25	..
Barwahera .	B. Trigunait & Bros. (Receiver, S. C. Majumdar.)	13,872	17,945	6,872
Basseria (New) .	New Basseria Cl. C. .	..	8,370	1,931
Bastacolla (North)	North Bastacolla Cl. C.	..	6,273	1,124
" (Khas)	Khas Bastacolla Cl. C.	..	25	12
Benidih (Pure) .	Sunda, J. S. .	2,372	600	2,024
" (East) .	East Bengal C. Cn. .	9,033	17,500	13,062
" (Central)	Chandra, A. K. .	..	1,049	1,743
" .	Benidih C. Cn. .	35,545	47,507	33,299
" (West)	West Benidih Cl. C.	—	—	600
Bharathpur (Shree)	Shree Bharathpur Cl. C.	—	—	1,694
Bhowrah (East) .	Debi, J. .	—	—	160
Bhugatdih (Khas)	Khas Bhugatdih Cl. C.	12,233	9,292	4,608
" (North)	Gupta, Durgabati & Narmadabala.	9,467	7,202	0,631
" (Pure)	Pure Bhugatdih Cl. C.	9,403	9,182	4,209
Bhurangya .	Bhurangya C. C. .	52,153	40,381	18,655
" (Khas)	Khas Bhurangya C. C.	—	—	352
Bhurangia (West)	Bhurangia C. Cn. (Lalla, B. D.)	2,355	12,435	5,480
" (East)	Jagota, D. D. .	..	..	..
" (South)	Jagota, C. .	..	..	..
Bihar (East)	East Bihar Cl. C. .	..	1,018	2,070
Biltora .	B. N. Mondal & Co. .	—	—	800
Burragarh (Pure)	Pure Burragarh Cl. C.	..	9,960	17,745
Busseria (North)	North Busseria C. C.	6,896	16,617	10,206
Busseria (East)	East Busseria Cl. C.	20,178	(a)	(a)
Bussureya (West)	W. Bussureya C. C. (Roy, Kumar S. K.).	13,654	15,521	13,490
Chandore .	Chandore C. C. .	4,792	2,902	77
" (West)	West Chandore C. C.	—	—	..

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(a) Worked by Joint-Stock Company.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
JHARKHAND COAL-FIELD—contd.				
MANBHEM—contd.				
<i>(2) Worked by private owners—contd.</i>				
Chandore	Singh, R. & N.	10,445	15,223	11,774
Chandrabad	Agarwalla, D. P.	—	303	3,250
Chasnalla (New)	Lal, H.	—	—	1,050
„ (Central)	New Chasnalla C. Co.	3,372	7,246	4,168
„ (East)	Metatalia, J. M.	—	—	682
„ „ (Khas)	Bi-har Mining Co.	—	971	1,924
„ „ (Pure)	East Khas Chasnalla C. C.	—	—	125
Chota Bowa	Pure Chasnalla Cl. C.	1,976	1,775	1,809
Damodar-River-Side (Khas).	Mayashankar Bhagwanji.	18,360	33,156	39,152
Damuda (Pure)	Debi, G. K.	—	330	1,594
„ (North)	Pure Damuda C. C.	32,574	51,118	23,321
Dharmaband	Agarwalla, S. L.	52,717	(a)	(a)
„ (East)	Bharat, H. and Bharat, M. C.	2,925	22,630	10,045
„ (North)	Sunda, G. L.	1,197	—	—
„ (Pure)	Ramdass, B. L.	—	2,850	6,025
Digwardih	Kalyanjee Koonverji	—	4,707	3,634
Dobari (Central)	Singh, J. P. & B. N.	—	—	143
„ (Khas Jharis)	Wasta, K.	—	125	1,285
„ (New)	Banerjee, R. B.	4,695	5,223	1,800
„ (North)	Shivadas.	—	—	3,625
„ „	Ladha, A and Moolji V.	—	—	—
„ „	New Dobari C. C.	3,336	8,008	3,286
„ „	Sabana C. C.	7,022	9,153	6,045
„ „	Keshavji Pitambar—Receiver.	2,331	1,960	686
Damra (Khas)	Sheikh Bros. & Co.	5,764	7,056	6,211
Ekra (Khas)	Nandi, Maharaja S. C.	214,443	258,504	218,762
„ (North)	Debi, N.	—	—	4,758
„ (East)	East Ekra Cl. C.	—	—	1,214
Ena (West)	West Ena C. C.	86,739	72,891	53,439
Fatehpur (Pure)	Pure Fatehpur Cl. C.	—	—	—
„ „	G. K. Dossa & Co.	2,245	11,690	3,630
Ganeshpore (Khas)	Forbes, C. A.	31,391	71,613	28,322
„ „ (No. 10 seam)	H. M. Jaini & Son	36,686	47,256	22,994
„ „	Ganeshpur C. O.	1,295	27,439	8,341
„ „	(Forbes, C. A. and Jaini, H. M.)	—	—	—

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(a) Worked by Joint Stock Company with the name of the mine changed to Kessuragarh Colliery.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
JHARKHA COAL-FIELD—contd.				
MANBHUM—contd.				
(3) Worked by private owners—contd.				
Ganeshpore (Pure) . .	Sen & Sons, K. P. .	1,789	27,112	3,700
" (Central) . .	Jagota, D. D. .	—	—	1,095
" (Modern) . .	Lalla, S. B. .	—	—	102
Ganhoodih . .	Banerjee & Sons, S. B. .	46,289	32,318	19,238
Gararia . .	Bajjnath Jugal- kishore. .	27,695	27,667	18,055
Gararia (Central) . .	Central Gararia Cl. C. .	20,830	28,800	25,090
" . .	Tikmani & Co. .	26,883	29,937	26,563
Gobindpur (Khas) . .	K. Gobindpur C. C. .	29,872	29,865	22,307
" (South) . .	Pathak, H. I. .	4,275	17,763	5,848
" (Central) . .	Central Gobindpur C. C. .	..	625	..
" (Pure) . .	Sunda, J. .	..	3,596	2,206
" (Selected) . .	Selected Govindpur C. Cn. .	..	500	2,100
Godhur . .	Butto Kisto Roy .	170,168	185,012	171,146
" (West) . .	Agarwalla, H. D. & Sons. .	2,000	2,200	1,232
" (East) . .	Gutgutia, R. S. B. L. .	7,194	26,096	27,049
" (Selected) . .	Selected Godhur C. C. .	..	2,337	3,002
" (Pure) . .	Puro Godhur Cl. C. .	..	1,532	1,752
Goluckdih (South) . .	South Goluckdih C. C. (Mahipatral A. Worah & G. Jiwan). .	52,527	37,648	37,445
" (North) . .	North Goluckdih Cl. C. .	30	4,681	3,258
Gonshadih . .	Gonshadih C. C. .	40,405	41,699	23,224
Gondudih . .	Central Alkusa Cl. C. .	29,916	29,762	20,173
Gurgaon (Kalithan) . .	Seal & Sons, K. B. .	16,549	22,876	9,308
Huntodih . .	Roy, Rai Bahadur G. N. .	14,796	16,303	9,637
Industry . .	Industry Cl. C. .	48,253	29,936	18,854
Isabella . .	Roy, Kumar S. K. .	25,452	23,668	26,575
Jamdiha (Khas) . .	Jamdiha Cl. C. .	..	600	4,626
" (West) . .	Prabhat C. C. .	..	590	4,794
" (Debi, D.) . .	(Debi, D.) . .	..	..	..
Jamnatanand . .	Jamnatanand C. C. .	..	..	442

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2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—contd.

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BIHAR—contd.				
JHARIA COAL-FIELD—contd.				
MANBHAM—contd.				
(2) Worked by private owners—contd.				
Jealgorah (Govindpur) .	Jealgorah Govind- pur Cl. C.	27,190	28,834	29,923
" (East) . . .	Sunda, S. L. . .	..	52	82
" (West) . . .	Sunda, J. L. . .	..	63	1,489
Jharia (Pure) . . .	Pure Jharia Cl. C. .	39,000	110,920	29,800
" " (East) . .	Ditto . . .	..	3,200	3,605
" (Khas) Angar- pathra. . .	Trigunait Bros. (Receiver—S. C. Mazumdar.)	67,521	53,305	44,451
" (Model) . . .	Taneja, R. B. Waliram.	20,176	34,332	20,710
" " (East) . .	Ditto . . .	..	127	..
" (East) . . .	Banerjee & Sons, S. B.	..	650	145
" (Central) . .	Srimati Rajibai Rathor.	28,254	32,514	19,084
" (Indian) . .	Khimjee Walji & Co.	29,852	31,805	17,589
" (New Pure) .	Pure Jharia Cl. C. .	46,000	81,834	42,119
" (Bright) . .	Dana Premji & Co.	16,762	23,332	15,532
" (Lower & Upper)	Khimji Dossa & Sons.	82,185	70,104	53,503
" (South) . .	Banerjee & Son, H. P.	3,504	37,660	42,116
Jinagora (Khas) . .	G. P. C. & Co. (Govabhai, D. M. & M.).	65,695	48,638	27,255
" (Khas) Plots A & B. . .	Anandamoyee C. C.	28,740	20,508	9,694
" (Kalithan) .	Seal & Sons, K. B. .	23,492	26,398	25,311
Jogidih (West) . .	Behar National C. C.	..	6,076	3,035
Jogta (No. 11 Seam) .	Sethia, K. Marji . .	54,983	38,163	44,457
" (North) . .	North Jogta Cl. C. .	..	700	507
Joyramdih . . .	Joyramdih C. C. (Chandra, M.).	17,732	25,567	18,198
" (Pure) . . .	Pure Joyramdih, Cl. C.	14,016	18,367	10,322
" (West) . . .	Sunda, G. R. . .	4,930	7,095	762
" (Model) . .	Paul Bros. . .	..	9,650	9,017
" (New) . . .	New Joyramdih C. C.	..	293	3,010
" (Selected) .	Selected Joyramdi Cl. C.	..	205	..
" (Khas) . . .	Chandra, D. N. . .	18,439	26,135	12,018
" (Central) .	Paul, S. . .	15,632	19,567	14,136

* NOTE.—"C. C."= Coal Company; "L."= Limited; "C. A."= Coal Association; "S."= Syndicate; "C. Co."= Coal Concern; "Cl. C."= Colliery or Collieries Company; "M. C."= Mining Company.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
JHARIA COAL-FIELD—contd.				
MANBHAM—contd.				
(2) Worked by private owners—contd.				
Joyrampur (Lower)	Ghela Panchan & Co.	39,060	27,231	16,492
Kanchanpur	Sunda, J. L.	..	..	470
Kantapahari	Relia, M. B.	—	—	645
Katras (West)	W. Katras Cl. C.	8,434	16,138	12,068
„ (North)	Bhagat, M. L.	—	—	366
„ (New)	New Katras C. C.	..	50	1,206
Katrasgarh (Khas)	Mustaphi & Co.	..	3,001	1,767
Kendwadih (Khas)	Mondal, B. N.	29,859	29,550	22,559
„ (Central)	Harj Hirji & Sons.	24	14,558	9,986
„ „	Kendwadih C. C.	29,986	28,659	18,118
„ (New)	Laxmi Narayan C. C.	2,682	2,690	2,718
„ (West)	West Kendwadih Cl. C.	—	..	600
„ (North)	North Kendwadih Cl. C.	—	—	1,047
Kessurgurrah (West)	Sunda, G. L.	..	10,827	3,514
„ (North)	Sunda, J. S.	..	13,349	1,496
„ (Selected)	Selected Kessurgurrah Cl. C.	—	—	..
„ (Central)	Upadhyaya & Sons C. C.	..	6,335	..
Kirkend	Kirkend C. C.	51,252	41,941	35,646
„ (Khas)	Khas Kirkend Cl. C. (K. Mavji & Co.)	63,995	71,392	57,438
Koiludih	B. Trigunait & Bros. (Receiver—S. C. Mazumder.)	5,330	18,421	8,107
Koradih	Koradih C. C.	520	..	..
„ (East)	Koradih Cl. C.	..	2,840	605
„ (West)	Ditto	..	150	755
Kosoonda and Nyadee	Kosoonda and Nyadee Cl. C.	146,876	100,380	84,806
Kujama (North)	Gangji Dossa & Sons	38,144	36,359	24,411
„ „	K. S. Nanji & Co.	43,250	33,000	25,338

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**2.— PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
JHARKHA COAL-FIELD—contd.				
KANBHAM—contd.				
(2) Worked by private owners—contd.				
Kujama . . .	Kujama Cl. C. (Receiver—Keshavji Pitambar).	10,120	6,187	3,138
" (Pure) . . .	South Busra C. C. .	29,828	34,493	22,399
" (Central) . . .	Central Kujama C. Cn.	31,994	27,554	27,764
" (South) . . .	Bagdigi Kujama Cl. C	105,937	71,225	61,354
" (East) . . .	East Kujama Cl. C. .	..	899	247
Kurkend . . .	Worah, K. D. .	65,169	61,427	57,212
Kusunda (Bright) . . .	Bright Kusunda Cl. C.	..	946	2,340
" (Pure) . . .	Puro Kusunda Cl. C.	..	31	21
Lakurka (New) . . .	Debi, S. M. .	13,370	16,608	13,773
" (East) . . .	Bengal C. Cn. (Sen Gupta, M.)	3,625	..	..
" " (Sec- tion B). . .	Ditto . . .	..	23,825	1,000
" (Model) . . .	Model Lakurka Cl. C.	—	—	..
" (Central) . . .	Chattoraj, B. N. .	..	384	..
" (West) . . .	Sawaria, C. L. .	..	50	..
" (Khas) . . .	Debi, Panchkari .	4,075	14,784	8,856
Lodna (East) . . .	East Lodna Cl. C. .	1,095	6,421	(a) 915
Lohapati (East) . . .	Lohapati C. C. .	..	250	200
Loyabad (North) . . .	North Loyabad C. C.	..	2,982	4,922
" (East) . . .	East Loyabad C. C. .	105	6,990	5,500
" (South) . . .	South Loyabad C. C.	..	1,095	3,881
Lūpāhari (East) . . .	Lala & Bros., D. L. .	..	..	77
Madhuban . . .	Waliram & Co. (Taneja, W. R.)	120,122	102,490	82,334
Mahehpur (Khas) . . .	Khas Mahehpur C. C. (Sarker, S. N.)	..	800	1,580
Majblitand . . .	Singh, Raja N. N. .	—	—	2,090
Mandra (Barora) . . .	Singh, H. N. & R. N.	1,240	8,667	3,013
" (Pure) . . .	Liladhar Monji Kotak.	126	5,708	2,888
" (West) . . .	Manbhum C. C. .	..	..	560
" (North) . . .	East Bihar C. C. .	—	—	50

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(a) Worked by Joint Stock Company.

2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—contd.

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BIHAR—contd.				
JHABUA COAL-FIELD—contd.				
MANDRUM—contd.				
(2) Worked by private owners—contd.				
Mandra (Upper)	Roy, B. N. & others.	—	—	2,800
" (Khas North)	Sitaram C. C.	—	—	706
" "	Tara C. C. (Lal, S. P.).	—	—	..
" (East)(Second Sec- tion).	Makhan Lal C. C.	500	3,212	..
" (East)	Buranwal C. C.	..	5,300	572
" (Upper) (Second Section).	Banerjee, K. K.	634	2,011	..
" " (3rd Section).	M. G. Roy & Co.	..	1,552	..
Matigarah	Basawatia, M. L.	..	125	643
" (Khas)	Khas Matigarah Cl. C.	..	800	2,374
" "	Das, A. K.	—	—	..
Mehtadih (Khas)	Khas Mehtadih C. C.	12,321	27,397	16,305
Mohanpur	Kotak, L. M.	..	580	773
Mudidi (Selected)	Taneja, R. B. W.	..	450	(a)
" (North)	Ditto	..	700	..
" (Central)	Ditto	..	550	(b) 3,823
" (West)	Ditto	..	600	4,207
Muraidi (Khas)	Pandey, S.	306	1,652	320
" (Selected)	Khas Muraidi Cl. C.	..	1,400	2,816
" "	Selected Muraidi Cl. C.	..	24	1,825
" (New)	Lala, S. B. & Baner- jee, S. S.	—	—	2,428
" (Pure)	Singh, R. K. and Co.	—	—	58
" (Central)	Arrahs Lakshman & Co.	—	—	..
" "	Bhattacharjee, B. C. & Singh, S. B.	—	—	1,946
" "	Mukherjee and Kundu Co.	—	—	1,180
Muralidi (New)	Khetri, S. L.	..	..	718
Murli (Pure)	Pure Murli Cl. C. (Debi, D.)	..	580	11,796
Muralidi (West)	Roy, T.	..	116	..
Nichitpur (Pure)	Pure Nichitpur Cl. C.	29,960	28,650	12,959
" "	Nichitpur C. C.	29,050	27,060	(c)
Norkora	Norkora C. C.	—	—	576
Nudkhurkee	Roy, Kumar S. K.	24,457	22,143	18,288
" (North)	Mukherjee, B. K.	—	—	445
Pandeberra	Pandeberra Cl. C.	21,659	15,745	12,557

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(a) Amalgamated with the Central Mudidi Colliery.

(b) Vide foot note (a).

(c) Worked by Joint Stock Company.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
JAMIA COAL-FIELD—contd.				
MANDRUM—contd.				
(2) Worked by private owners—contd.				
Pandedih (Khas) . . .	Khas Pandedih Cl. C.	5,986	18,578	9,758
" (Central) . . .	Daw & Co., S. N. . Central Pandedih Cl. C. (Sen-Gupta, M. G.).	575 2,102	6,616 4,231	3,469 2,281
" (New) . . .	New Pandedih Cl. C.	..	4,489	3,004
Pathargoria . . .	Jaini & Sons, H. M.	..	500	6,441
Phularitand . . .	R. S. Chandan Mull Indrakumar.	49,718	48,448	28,805
Phularitand (North) . .	Lalla, J. P. . .	..	154	2,126
" (Selected) . . .	Atharana, M. R. . .	..	5,220	7,636
" (West) . . .	West Phularitand Cl. C.	3,151	21,462	13,067
" (Khas) . . .	Jaini & Son, H. M.	1,019	20,326	4,654
Pinalgoria . . .	Jivan Gangji . . .	7,225	7,236	7,167
" . . .	Sunda, J. S. . .	1,796	16,377	3,863
" . . .	Sunda, S. D. . .	5,540	..	..
" . . .	Sunda, G. R. R. . .	..	52	..
Rajapur . . .	Rajapur Cl. C. . .	16,206	10,991	9,887
Ramkanali . . .	Roy, B. K. . .	26,142	27,238	18,129
Raneodih . . .	Taneja, R. B. W. . .	6,386	1,100	530
Sadriadih (Selected) . .	Central Behar C. C.	—	—	205
Salanpur (Khas) . . .	Khas Salanpur Cl. C.	7,211	11,648	9,198
" (Pure) . . .	Pure Salanpur Cl. C.	..	2,400	..
" (Central) . . .	Central Salanpur C. Cn.	26,291	26,679	13,680
" . . .	Bauerjee, S. C. . .	4,200	15,540	6,292
" (East) . . .	East Salanpur Cl. C.	12,307	17,095	11,275
" (Joint) . . .	Joint Salanpur Cl. C.	..	741	1,601
" (West) . . .	Marwari, G. B. . .	..	4,651	3,235
" (New) . . .	Lachman & Son, M.	..	2,955	2,492
" (North) . . .	North Salanpur C. Cn.	..	13,041	5,594
Sendra (North) . . .	North Sendra Cl. C. (Taneja, R. B. W.)	..	4,007	2,359
" (Selected) . . .	Sharma & Co. . .	..	..	2,942
Shikarichuck . . .	Murari Kanji . . .	..	..	38
Sijua (North) . . .	North Sijua Cl. C. . .	..	150	1,379
Sinidih (Central) . . .	Sunda, J. L. . .	..	8,489	10,436
" . . .	Chatterjee, S. P. . .	—	—	..
" . . .	Upadhyaya & Sons C. C.	—	—	2,100
" (Pure) . . .	Golden Flag . . .	—	—	..
" . . .	R. Prasad & Bros. & Shaw, L. C.	—	—	570
" (Selected) . . .	Selected Sinidih C. Cn. (Atharana, M. R.)	..	..	5,625
" (Khas) . . .	Hussan Lal . . .	—	—	190
" (North) . . .	Prasad & Bros. R. . .	..	2,500	1,947

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2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—contd.

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd. BIHAR—contd.		Tons	Tons	Tons
JHABIA COAL-FIELD—contd.				
MANBHUM—contd.				
(2) Worked by private owners—contd.				
Sinidh (Narth) . . .	Agarwalla, C. L. . .	..	5,702	2,085
Sitanala	Mohatta Brothers . .	48,877	43,208	21,201
Sonardih	R. S. Chandan Mull Indrakumar.	24,837	16,333	21,600
Sowardih (East) . . .	J. N. Supakar Bros. & Co.	—	—	788
„ (North)	Bihar National C. C. . .	..	131	4,414
Sudamdih (Pure) . . .	Sunda, J. L.	..	87	671
„ (Selected)	Sunda, S. L.	..	80	213
Sudreadih	Jagannath Ompra- kash & Co.	20,314	20,992	13,479
„ (East)	Sunda, S. L.	..	300	242
„ (West)	Jagota, D. D.	..	100	87
„ (Pure)	Golden Flag (Singh, T. R. A.).	5,588	11,580	3,106
„ (New)	Jagota, C.	..	100	97
Surafand (New) . . .	Sunda, J.	7,418	5,143	2,497
„ (Kalithan)	K. B. Seal & Sons . .	..	..	2,300
Tasra (North)	North Tasra C. C. . .	..	261	1,133
„ (Pure)	Agarwalla, D. P. . .	..	—	1,160
„ (New)	New Tasra C. C. . . .	260	8,453	4,587
„ (Selected)	Selected Tasra Cl. C. .	..	77	10
Tasra C. C.	Tasra C. C.	..	500	621
Telmucho (Central) .	Bihar United C. C. . .	—	—	..
Tentulia (North) . .	Devram Ramji	75	550	3,325
„	Premji & Bros., H. . .	75	6,934	3,184
Tetumari (East) . . .	East Tetumari Cl. C. .	7,291	6,722	13,384
„ (Pure Select- ed.)	Pure Selected Tetul- mari Cl. C.	..	2,980	5,452
„ (North)	North Tetumari Cl. C.	..	4,507	3,101
Tetturia (West) . . .	R. S. Chandarmall Indrakumar.	—	—	100
Tetturya (New) . . .	New Tetturya Cl. C. .	7,786	24,010	14,815
Tisra	Gowamal, A. S. & Others.	33,990	28,069	29,638
„	Dhanji Devji & Sons .	41,625	33,642	19,405
„	Diamond C. C. . . .	52,543	43,379	42,236
„ (Central)	Cent. Tisra C. C. . .	17,001	14,846	10,589
„	(Ratna Mepa & Bros.).	..	..	..
Toondu (Khas) . . .	Commercial Cl. C. . .	10,349	22,514	23,267
„	Lala, J. P.	20,784	22,986	11,765
„ (South)	Lala, N. P.	..	41	200
„	Mondal & Co., B. N.	—	—	..
TOTAL, MANBHUM DIS- TRICT.		11,651,330	11,991,616	10,062,982

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**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
JHARIA COAL-FIELD—contd.				
HAZARIBAGH—				
(1) Worked by joint-stock company—				
Damuda (North)	Hazaribagh C. S. L.	(a)	37,063	27,832
(2) Worked by private owners—				
Bokaro-Jharish . .	Agarwalla Bros. .	54,595	80,827	43,395
Damuda (North) . .	Agarwalla and others, Shankarlal.	39,194	(b)	(b)
Karmistand . . .	Sreeram C. C. .	6,906	19,832	11,021
Ramgarh Jharish . .	Ramgarh Jharish C. C.	..	3,848	500
TOTAL HAZARIBAGH DISTRICT.		100,695	141,570	82,848
TOTAL JHARIA COAL- FIELD.		11,752,025	12,133,186	10,145,830
JAINTY COAL-FIELD.				
SANTHAL PARGANAS—				
(1) Worked by joint-stock company—				
Jainty (Central) . .	Jainty (Central) Cl. L.	23,802	15,002	12,587
(2) Worked by private owners—				
Damgarah (East) . .	Singh, L. P. . .	2,205	1,752	1,460
„	Mandal, N. N. .	1,979	2,314	2,841
Jainty (Khas) . . .	Das & Co., R. O. .	4,865	(c) 6,040	(c) 5,032
„ (Satyannarayan's) }				
Saharjuri (Central) .	Singh & Bros., I. N.	1,920	1,932	2,080
„	Misra & others, M. G.	1,932	2,044	1,616
„	Barasinga C. C. .	7	..	..
TOTAL JAINTY COAL- FIELD.		36,710	29,003	25,616
RAJMAHAL HILLS COAL- FIELD.				
(Non-Act Mines— Santal Parganas . .		3,424	4,363	4,799

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(a) Worked by private owner.

(b) Worked by Joint Stock Company.

(c) For Jainty Khas Colliery only.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
BIHAR—contd.				
BOKARO COAL-FIELD.				
HAZARIBAGH—				
(1) Worked by joint stock companies—				
Bokaro	E. I. & B. N. Rys.	1,034,101	1,019,574	844,021
Dhori	Bokaro and Ram- gur L.	152,661	138,901	131,871
Barrughutta	Ditto	138	..	..
Farsabera	Ditto	191	..	..
Benji	Ditto	46	..	..
Jarangdih	B. B. & C. I. and M. & S. M. Rys.	85,155	59,790	54,516
Sawang	E. I. & B. N. Rys.	59,406	48,375	57,007
(2) Worked by Govern- ment—				
Kargali	Secretary of State for India in Council	675,675	632,745	490,219
TOTAL HAZARIBAGH- BOKARO COAL-FIELD.		2,004,373	1,809,385	1,583,524
DALTONGUNJ COAL-FIELD.				
PALAMAU—				
Worked by joint stock company—				
Rajhara	Bengal C. C. L.	15,710	14,510	16,127
KARANPURA COAL-FIELD.				
RANCHI—				
Worked by joint stock companies—				
Dakra	National Cement, Mines & Industries L.	..	..	4,889
.. (No. 2)	Ditto	..	2,836	..
Karkata	Ditto	15,839	26,276	26,704
Ray	Ditto	4,662	1,427	..
TOTAL RANCHI		20,501	30,539	31,593

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**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BIHAR—contd.				
KARANPURA COAL-FIELD— contd.				
HAZARIBAGH—				
(1) Worked by joint-stock companies—				
Arzada	B. N. Ry.	293,142	262,053	213,290
Sirka	South Karanpura C. C. L.	96,249	76,714	66,326
(2) Worked by Govern- ment—				
Bhurkunda	Governor General in Council. (Govt. of India, in the Ry. Board.)	144,784	116,694	132,008
(3) Worked by private owners—				
Lapanga	Lapanga Coal & Lime- stone Mining Co.	..	65	949
Mael	Hasan, A. & Ismail, M.	—	—	..
TOTAL HAZARIBAGH .		534,176	455,526	412,573
TOTAL KARANPURA COAL-FIELD.		554,675	486,063	444,166
RANIGUMJI COAL-FIELD.				
MANBHUM—				
(1) Worked by joint-stock companies—				
Badjina	Oriental C. C. L. . .	95,528	68,530	59,591
" (North)	North Badjina C.C.L.	7,941	23,068	12,617
" (South)	South Badjina C.C.L.	243	22	572
Barakar (West) . .	Behar Firebricks & Potteries L.	—	—	2,575
Chanch	Bengal C. C. L. . .	99,641	101,414	77,730
Chirkunda (New) .	New Chirkunda C.C.L.	—	—	..
Chowrassie	Equitable C. C. L. .	38,184	..	..
Deoli	Deoli C. C. L. . .	50,345	37,902	(a)
Gulfarbari	Burn & Co. L. . .	17,156	22,550	19,420
Laikdih (Deep) . .	Katras Jharriah C. C. L.	..	1,811	52,361
Junkudar	Andrew Yule & Co. L.	—	—	1,014
Parbelia	Bengal C. C. L. . .	192,980	198,470	233,418
Raneypore	Equitable C. C. L. .	..	..	15,139
Saltore	Burrakur C. C. L. .	117,904	117,028	119,201
Shampore	Shampore C. C. L. .	12,872	22,914	19,766
Aziz	Aziz C. C.	..	2,600	3,545
Badjina (West) . .	Adhikari, S. K. and	39,583	33,677	17,542
" (New)	Paul, S. S.	20,376	15,328	9,654
" (East)	D. Mandal & Co. . .	..	2,557	1,563
"	Chandra, S. N. & Bros.	..	1,150	1,275
" (Central) . . .	Central Badjina C. C.	..	..	1,709

* NOTE.—"C. C."=Coal Company; "L."=Limited; "C. A."=Coal Association; "S."=Syndicate; "C. Co."=Coal Concern; "Cl. C."=Colliery or Collieries Company; "M. C."=Mining Company. (a) Worked by Private owner.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BIHAR—contd.				
RANIGANJ COAL-FIELD— contd.				
MANERHUM—contd.				
(2) Worked by private owners—				
Badjng (South) . . .	Agarwala, B. L. . .	..	6,855	840
" " (Pure) . . .	Agarwala, O. . .	..	122	1,144
" " (Lower) . . .	Sunda, G. L. . .	—	—	1,628
Bandarchua . . .	Lower Badjng C. C. .	735	10,484	10,750
Bhabani . . .	Chandra, L. N. . .	—	—	83
Bhaljori . . .	Bhabani C. C. . .	..	100	..
	Ali, M. G. & Hoossain M. L. . .	..	526	111
Bhamuria . . .	Bedi & Sons, Ladha- Singh. . .	5,584	11,279	5,552
Bharatmata . . .	Dasi, B. M. . .	3,535	6,366	5,592
Bunderohooa . . .	Chhatabar West and South . . Collieries (Tarafdar, S.) . .	5	..	..
Chapapur . . .	Chapapur C. C. (Dutt, B. N.) . .	716	277	..
Chatabar (New) . .	Neogi & Co. . .	—	—	1,843
Chirkund † . . .	(Singh Deo, Raja K. P.) . . .	1,024	1,820	2,137
Deoli . . .	Mandal, H. S. . .	(a) . .	(a) . .	18,550
Egarcoor (New) . .	M. G. Ali & H. Rahman. . .	274	97	..
" " . . .	Agarwalla & Co., B. R. . .	—	—	365
" " . . .	Satyanarayan C. C. .	1,194	7,197	4,095
" " . . .	Durgamata C. C. (Daw, B. N.) . .	973	2,514	1,899
" " (East) . . .	Patel, D. B. . .	6,578	7,836	3,454
" " (North) . . .	Narayan C. C. . .	..	282	1,507
" " (West) . . .	North Egarcoor C. C. Central Egarcoor C. Cn. . .	..	3,475	2,350
		..	465	1,405
" " . . .	Egarcoor C. C. . .	1,650	3,210	..
" " . . .	W. Burdwan C. C. (Roy, S.) . . .	1,660	5,300	1,500
Fatka . . .	Mukherjee, K. K. .	—	—	424
Galaria . . .	Galaria C. C. . .	6,600	7,200	14,694
Hirakhun . . .	R. B. C. C. . .	57	1,045	..
Joy-Laxmi . . .	Joy-Laxmi C. C. . .	..	500	875
Kalimata . . .	Khan, S. L. . .	5,227	6,304	5,621
Kalimati . . .	Patel, D. B. . .	6,460	7,349	4,677
" (Khas) . . .	Khas Kalimati Cl. C. West Kalimati Cl. C. (Patel, C. M.) . .	..	1,532	1,530
" (West) . . .		..	—	—
" (East) . . .	Lohia C. C. . .	—	—	—
Kapassara (East) . .	Banga Lakshmi C. C.	6,162	6,166	5,660
" (New) . . .	Lakshminarayan C. C.	—	320	3,649

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† Formerly called "Chirkunda Bokapahari".

(a) Worked by joint stock Company.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BIHAR—contd.				
RANIGANJ COAL-FIELD— contd.				
MANBHUM—contd.				
(2) Worked by private owners—contd.				
Kapasara (Plot No. 2) .	Kapasara C. C.	..	6,700	6,259
" (South) .	Sunda, G. L. .	—	—	1,700
Khoodia . . .	Bhabani C. C.	—	—	—
Khoodia . . .	Khoodia C. C.	7,625	12,071	4,246
(Dutt, K. L.).				
Koondih . . .	Banerjee & Co.	2,535	3,897	4,134
(Banerjee, K. M.).				
" (Central) .	Banerjee, N. .	..	..	86
Kusumkanali .	Royal Bengal C. C.	—	—	2,900
Laikdih (Central) .	Central Laikdih C.C.	1,286	5,686	4,409
(Sen, H. N.).				
Merah . . .	Banerjee, K. R. .	1,382	1,104	1,757
Nayadanga . .	Pandit, D. N. Saibji	1,263	5,371	2,346
Oriental . . .	Oriental C. C. .	3,650	5,500	3,500
Palasia . . .	Goawami, H. P. .	..	..	1,550
" (East) . . .	Goswami, K. K. .	74	834	1,004
" . . .	Ditto	..	51	..
Paragon . . .	Paragon C. C.	3,250	5,200	3,000
(Shome, S. P.).				
Premier . . .	Premier C. C. (Bhutt,	1,375	5,030	2,267
G. R.).				
Raj . . .	Sen, D. N. .	..	500	530
Rajpura (East)† .	Rajpura C. C. (Palit,	251	4,036	2,106
S. K.).				
" (Pure) . . .	Pure Rajpura Cl. C.	..	761	1,596
(Patel D. B.).				
" (West) . . .	Kalyaneswari C. C.	..	523	3,738
Reliance . . .	Reliance C. C. .	6,098	5,390	2,402
Shampur (Khas) .	D. Mandal & Co. .	1,105	2,428	1,689
" (Pure) . . .	Ditto . . .	16,716	22,506	13,632
" (Real) . . .	Ditto . . .	..	1,199	91
" (North) . . .	Devi, R. K. S. Devi	..	313	46
" (Umagour) .	Chatterjee, U. &	..	1,300	2,490
Majee, G. C.				
" (East) . . .	Oriental C. C. .	..	1,500	3,700
" (West) . . .	Agarwalla, B. L. .	..	6,894	816
" . . .	Durga C. C. (Durga	105	1,672	1,766
Rani Debi).				
" . . .	Narayan C. C. .	—	—	68
" . . .	Kamala C. C. .	—	—	399
" . . .	Addy & Co., A. D.	—	—	25
Singhpur (Pure) .	Pure Singhpur C. C.	889	..	..
" . . .	S. Mandal & Co. .	—	—	725
Sonbaid . . .	New-Badina C. Cn. .	719	..	..
Sri Durgamata .	Gorai, G. C. . .	520	3,662	2,648
TOTAL, MANBHUM DISTRICT		789,850	861,460	830,733

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† Formerly called "Rajpura".

2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—*contd.*

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—<i>contd.</i>		Tons	Tons	Tons
BIHAR—<i>concl.</i>				
RANIGANJ COAL-FIELD—<i>concl.</i>				
SANTHAL PARGANAS—				
(1) <i>Worked by joint stock companies—</i>				
Borkuri	Kasta & Bihar Cl. L.	817	21	..
Korrabad—Nodiah	Ditto	31,700	32,966	34,488
Palasthaly	Palasthaly C. Cn. L.	8,959	7,738	5,959
Poranpur	Kasta & Bihar Cl. L.	15,794	..	..
Sultanpur	Low & C. L., H. V. .	8,286	8,080	6,018
(2) <i>Worked by private owners—</i>				
Beldanga (Khas)	Tewary & Others, S. C.	3,696	5,374	5,293
Jorekuri	Jorekuri C. C. . . .	—	—	433
TOTAL SANTHAL PARGANAS		60,261	64,179	52,191
TOTAL, BIHAR.		15,822,388	15,917,281	13,582,927
ORISSA.				
HINGIR-RAMPUR COAL-FIELD				
SAMBALPUR—				
(1) <i>Worked by joint stock company—</i>				
Rampur	Hingir-Rampur C. C. L.	78,310	117,919	101,361
(2) <i>Worked by private company—</i>				
Ib-River	R. S. Chandanmull Indrakumar.	9,959	28,814	24,653
TOTAL, ORISSA.		88,269	146,733	126,014
BENGAL.				
RANIGANJ COAL-FIELD—				
BURDWAN—				
(1) <i>Worked by joint stock companies—</i>				
Akhalpore	Hurriladih C. C. L.	84,440	76,882	106,586
Adjai Second	Adjai Cl. L.	37,001	21,464	22,692
Anapnagar	Aluminium Corporation of India Ltd.	11,080	19,967	30,192
Boukola	Burrakur C. C. L. . .	50,604	36,310	39,445

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**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—*contd.***

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA— <i>contd.</i>		Tons	Tons	Tons
BENGAL—<i>contd.</i>				
RANIGANJ COAL-FIELD—<i>contd.</i>				
BURDWAN—<i>contd.</i>				
(1) Worked by joint stock companies— <i>contd.</i>				
Banksimula	Bengal C. C. L.	300,820	409,852	402,058
" (7 & 8 pits)	Ditto	214,509	219,153	181,876
" (11 & 12 pits).	Ditto	98,432	164,523	158,428
Baraboni (East)	East Baraboni C. C. L.	109,760	123,508	116,136
Barmondia	N. Beerbhoom C. C. L.	93,995	74,722	83,081
Begunia	Oriental C. C. L.	29,295	37,292	32,622
Bejti	Equitable C. C. L.	160,436	123,543	99,131
Bhanora	Ditto	..	..	9,843
Burra Dhemu	B. Dhemu C. C. L.	86,925	98,182	42,853
Charanpur	Apcar Cl. L.	90,333	75,109	53,893
Chattisgonda	Samla Cl. L.	25,286	16,358	14,969
Churulia	Churulia C. C. L.	40,581	35,735	24,956
Damagoria (new)	New Damagoria C. C. L.	67,707	107,207	81,604
Damoda	Damodar C. C. L.	44,544	49,029	33,712
Damra	Kalapahari C. C. L.	33,013	44,014	48,537
Parul	N. Beerbhoom C. C. L.	11,073	1,737	..
Dhadka	Dhadka Cl. C. L.	24,562	23,799	13,587
Dhemu (Main)	Dhemu Main Cl. L.	176,146	160,154	128,890
Dishergarh (West)	Equitable C. C. L.	278,616	243,685	210,546
Ghusick	Ghusick & Muslia Cl. L.	..	..	..
"	Coal and Mineral S. L.	23,962	26,615	24,439
Girimint	Bengal C. C. L.	—	—	..
Jambad (South)	S. Jambad C. C. L.	42,101	28,670	18,773
"	N. Adjal C. C. L.	48,899	31,092	33,062
"	Jambad C. Cn. L. (Debi, S. S.).	28,862	32,012	21,965
" (East)	Amalgamated Jambad S. L.	50,103	33,520	34,966
" (Pure)	Pure Jambad Cl. L.	16,260	14,410	12,372
" (Kajora)	Jambad Kajora Cl. C. L.	62,741	40,481	29,312
" (Central)	Central Jambad C. C. L.	8,807	23,458	(a)
" (Lower)	Ditto	15,327	4,164	(a)
" (Real)	Real Jambad C. C. L.	29,974	23,036	18,271
Jamuria (7 & 8 pits)	Equitable C. C. L.	310,382	289,789	223,664
" (A. & B. Pits)	Ditto	145,049	183,012	195,562
Jamuria (West)	W. Jamuria C. C. L.	206,978	228,367	244,582
Jote Dhemu	Jote Dhemu Cl. C. L.	14,944	22,725	24,299
" " (West)	Kajora Pioneer Cl. L.	16,611	18,755	12,186

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(a) Worked by private owner.

2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—*contd.*

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA— <i>contd.</i> BENGAL— <i>contd.</i>		Tons	Tons	Tons
RAMGANJ COAL-FIELD—<i>contd.</i>				
BURDWAN—<i>contd.</i>				
(1) Worked by joint stock companies— <i>contd.</i>				
Kajora (Jaipuria)†	Joypuria Kajora Cl. L.	—	—	20,731
" (Khas) . . .	K. Kajora C. C. L. .	87,778	80,778	65,238
" (Pure) . . .	Kajora Pioneer Cl. L.	72,751	59,363	44,606
" (Guzdar) . . .	Guzdar Kajora Cl. C. L.	58,073	48,962	39,227
" (Central) . . .	Datta's Kajora C. C. L.	45,503	38,723	34,959
Kalipahari . . .	Ghusick and Muslia Cl. L.	13,736	13,973	8,716
Kenda (Khas) . . .	Khas Kenda Cl. L. .	81,400	73,728	48,655
" (Lower) . . .	Ditto	—	12,241	34,044
Kendah (New) . . .	N. Beerbhoom C. C. L.	34,425	35,921	49,830
Kendra . . .	Samla Cl. L. .	68,692	54,977	52,371
Kuardi . . .	Kuardi C. C. L. .	28,522	20,250	13,446
Methani . . .	Equitable C. C. L. .	196,195	187,986	198,812
Moiri . . .	Pioneer Cl. L. .	27,455	18,768	15,825
Modhujore . . .	Modhujore C. C. L.	25,534	6,080	8,950
Mundalpur . . .	Mundalpur C. C. L.	107,067	116,030	110,616
Muslia . . .	Ghusick & Muslia Cl. L.	46,252	33,731	28,535
Ondal (new) . . .	Ondal C. C. L. .	57,234	33,032	(a)
Parasa . . .	Poddar Bros. L. .	(b)	(b)	11,678
Patmohna . . .	N. Damuda C. C. L.	107,667	104,723	114,409
Poidih . . .	Bengal C. C. L. .	161,543	204,921	165,721
Poniet . . .	Poniet Cl. L. .	12,974	4,982	..
Pottory . . .	Burn & Co. L. .	7,760	7,467	7,951
Pretoria . . .	Seehpore C. C. L.	90,475	103,622	96,033
Radhamadhabpur	Ghusick & Muslia Cl. L.	61,244	58,745	49,333
Ramnagar . . .	Beng. Iron C. L. †	127,555	107,320	98,952
" " " " " "	Samla Cl. L. .	60,333	40,917	40,585
Raniganj (real) . .	Real Raniganj C.C.L.	9,372	7,802	..
Ratibaty (No. 1). .	Ratibaty Cl. L. .	32,845	25,104	15,379
" (No. 2) . . .	Ditto	22,603	14,318	13,326
Samla . . .	Samla Cl. L. .	31,681	19,637	16,802
** Satgram (East)	East Satgram C.C.L.	(b)	(b)	25,909
Satgram (New) . .	New Satgram C. C. L.	17,347	15,881	18,082
" (Modern) . . .	Modern Satgram C. C. L.	32,471	24,632	20,099
Satpukuria (No. 5 pit).	S. and Asansol Cl. L.	32,047	28,610	21,050
" (Nos. 1 & 2 inclines.)	Ditto	17,969	13,489	11,298

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 † Formerly known as new Ondal Colliery.
 ‡ In voluntary liquidation (since amalgamated with the Indian Iron and Steel Co. Ltd.).
 (a) Vide Kajora (Jaipuria) Colliery.
 (b) Worked by private owner.
 ** Formerly known as khas Satgram Colliery.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BENGAL—contd.				
RANIGANJ COAL-FIELD— contd.				
BURDWAN—contd.				
(1) <i>Worked by joint stock companies—contd.</i>				
Searsale	Searsale C. C. L. .	40,121	31,857	25,026
Beelpore	Katras, Jheriah C. C. L. .	71,667	84,501	77,083
Singaran	Singaran C. S. L. .	36,385	23,756	12,022
Sitalpur (Khas) . .	N. H. Ojha & Co. L. .	58,335	37,061	28,839
Sitalpur	Bengal C. C. L. .	323,276	298,029	270,113
"	Sitalpur C. C. L. .	38,011	31,051	27,196
" (Pure)	Pure Sitalpur C. Cn. L.	53,592	35,166	25,408
Sodepore (Nos. 9, 10 & H pits). . . .	Bengal C. C. L. .	209,119	236,485	180,058
Stripur (Pits 1—3) .	Lodna Cl. C. (1920) L. .	278,200	302,115	233,911
Sunkerpore	Ukhra Minerals Ltd. .	37,043	29,328	26,712
Topoi	Banara C. C. L. .	40,337	34,476	31,426
Victoria	N. Beerbhoom C. C. L. .	178,505	141,200	129,962
" (West)	Ditto . .	226,154	173,813	180,951
(2) <i>Worked by private owners—</i>				
Adjai (South) . . .	Anandaram & Son .	—	—	—
Alkusha—Gopalpur .	West Bengal, C. C. .	2,244	2,329	1,916
Babi-sole	R. S. Chandan Mull Indra Kumar. .	..	..	..
Baidyanathpur . .	Bhagwandas Agarwalla .	29,813	24,962	24,977
Bamandiha	Bamandiha, C. C. .	..	5,220	4,304
"	(H. K. Banerji). .	—	—	—
Banra	Banara C. Cn. .	—	—	2,198
Baraboni Khas (South East). . . .	Nandy, Maharaja S. C. .	99,340	128,168	108,885
Baraboni (Selected) .	Selected Baraboni C. C. .	4,499	2,685	6,703
" (North)	Mukherjee, S. K. .	247	1,437	554
Barmandiha (West) .	Belui C. C. .	—	—	—
Belbaid	Shewkaran & Sons .	19,495	12,580	13,849
Belui	S. Ashraf Ali .	319	..	364
Benalee	R. S. Chandan Mull Indra Kumar. .	17,817	11,060	7,617
Bhagran	South Bhagran C. C. .	1,404	3,724	3,626

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2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—contd.

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BENGAL—contd.				
RANIGANJ COAL-FIELD— contd.				
BURDWAN—contd.				
(2) Worked by private owners—contd.				
Binodikatta . . .	Gopalka, S. . .	587	..	..
Bon-Jamihari . . .	B. Anthracite C. C.	37	9,363	7,416
Borachuck . . .	Chakrabarty, M. & Bros.	3,168	6,412	6,754
Chalbalpore . . .	K. L. Selected C. Cn.	29,284	23,904	22,823
„ (Khas) . . .	Kumar, Ranees, Har- peari Devi and Kamala Devi.	29,019	18,707	12,358
Chapui (Khas) . . .	Nandy, Maharaja S. C.	45,490	45,897	36,526
Charanpur (North)	Mukherjee, S. K. . .	131	183	..
Dabor . . .	Roy, Mrs. H. & Mr. T.	2,006	5,303	6,658
Damra . . .	A. P. Dutta & Co. . .	496	220	..
Deshermohan . . .	Sadhu, N. G. . .	—	—	..
Dishergarh (Pure)	Pure Dishergarh Cl. C.	3,015	..	..
Fatehpur . . .	Chakrabarty, M. & Bros.	6,567	173	..
Gourangdih (Begunia)	Banerjee, S. . .	393	3,236	5,061
„ (Khoirbad)	Ditto	126	1,133	..
Govindpur (Samla)	Samla—Govindpur Cl. C.	67,441	44,470	43,016
Haripur (North)	Dutta, K. L. . .	8,419	18,058	11,029
„ . . .	R. S. Chandan Mull Indra Kumar.	7,224	6,093	6,984
Jambad (Khas) . . .	Fulchand & Sons . .	22,432	20,736	11,058
„ (Selected)	Devji Ghelabhai & Bros.	68,957	68,846	54,711
„ North . . .	North Jambad Cl. C.	—	7,001	4,627
„ (Central)	Chanchani, A. J. . .	(a)	(a)	14,947
„ (Lower)	Ditto	(a)	(a)	8,519
Jemehari Khas (Now Fit)	Searsol Raj Wards Estate (Kumar P. N. Malia & Kumar, K. N. Malia.)	27,739	20,637	14,251
„ (East) . . .	Hursookhdas Bal- kissendass.	52,880	52,429	51,378
„ (Central)	Jemehari C. C. (R. E. Ramsay.)	37,155	23,111	23,368
„ (South)	Ditto . . .	5,832	29,610	29,589
„ (Selected)	Jagmohan Kishorilal	21,659	25,155	22,069

* NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Cn.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M. C.”=Mining Company.

(a) Worked by Joint Stock Company.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—*contd.***

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—<i>contd.</i>		Tons	Tons	Tons
BENGAL—<i>contd.</i>				
RANIGANJ COAL-FIELD—<i>contd.</i>				
BURDWAN—<i>contd.</i>				
(2) Worked by private owners— <i>contd.</i>				
Jamehary (Selected K. L.)	Kishorilal Goenka	—	998	945
Jamuria (North)	Mrs. P. R. Sil and Mrs. N. B. Debi.	—	—	440
Jotejanaki (New)	Chatterjee, Basanti Dass.	—	—	..
" (Khas)	Banerji, Santan	42,939	47,922	39,278
Kajora	Roy, Dutt & Co.	44,473	32,813	36,500
" (Prossono Dutta)	Dutta & Sons, P. C.	49,007	55,143	23,514
" (Upper)	Bhowsinga, C.	38,778	34,896	13,842
" (Real)	Sanyal, B. N.	20,009	22,702	16,362
"	Pal Chowdhury, K. C.	39,568	48,925	22,394
" (East)	Ditto	..	..	2,196
" (North)	Nagarmal Sarawgi	..	4,787	986
" (Selected)	Kajora Selected Cl. C.	16,872	18,369	11,925
Kajora Jambad (Sele- cted).	Selected Kajora Jambad C. C.	40,799	29,216	17,370
Karahabir (North)	Sindhi, N.	186	310	..
Kenda (Central)	Bajinath Ramjiwan Marwari.	6,305	2,53	2,276
" (South)	Fulchand & Sons	29,351	30,951	19,867
Kudika	Srikrishna Cl. C.	..	7,459	9,101
Kumardihi	R. S. Chandan Mull Indra Kumar.	6,925	6,947	6,397
Lucheeppore (New)	Sahazada Abbas Mirza.	1,209	..	..
Lutchipore	Jagani, R. M. (Luchipur Colliery Co.).	16,576	18,021	10,949
" (East)	East Lutchipur Cl. C.	—	—	..
Madhabpur (East)	R. S. Chandan Mull Indra Kumar.	29,263	28,497	18,360
Mahabir †	R. L. Nopany and others.	—	—	10,817
Mohanpur	J. A. Selected C. C.	—	—	..
Mohonpur	Matadin Bhalotia	200	792	4,447
Monoharbahal	R. S. Chandan Mull Indra Kumar.	19,581	9,393	13,723
Mosila (North)	N. Mosila Cl. C. (Mukerjee, S. K.)	14,169	14,679	10,018
Nandi (Central)	Banerjee, J. K.	6,046	6,674	5,604
"	Mondal Bros.	63,053	41,437	21,373
Nawpara (South)	Bhattacharjya, M. N.	23	666	660

* NOTE.—"C. C."=Coal Company; "L."=Limited; "C. A."=Coal Association; "S."=Syndicate; "C. Co."=Coal Concern; "Cl. C."=Colliery or Collieries Company; "M. C."=Mining Company.

† Previously called Searsole Khas Colliery.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd. BENGAL—contd. RANIGANJ COAL-FIELD— contd. BURDWAN—concltd. (2) Worked by private owners—concltd. Niga (West) . . .		Tons	Tons	Tons
Nimcha . . .	Harmukh and Bal- mukund Marwari.	..	..	..
Northbrook . . .	R. S. Chandan Mull Indra Kumar.	56,738	37,633	35,863
Nuni . . .	Agarwalla Bedi & Co.	9,053	9,326	22,929
Palasdiha (West) . . .	Roy, K. P. . . .	2,392	1,260	326
Parascole . . .	Palasdiha C. C. (BajjnathR ungta.)	4,761	5,189	5,626
Parasia . . .	R. S. Chandan Mull Indra Kumar.	41,821	34,256	17,550
Poniat—Baraboni . . .	B. Mukherji & Co. .	25,390	21,376	(a)
Salanpur (A Seam) . . .	Nag, H. K. . . .	13,914	14,120	13,443
" " . . .	Das, S. N. . . .	610	987	429
" " . . .	New Sergarh C. C. (P. K. Chakra- barty).	..	..	391
" (Central) . . .	Roy, K. L. . . .	—	—	60
" (North East) . . .	Acharjee, A. R. & Mukherjee, H. N.	2,741	3,762	3,116
Samla (South) . . .	South Samla Cl. C. .	14,464	5,740	..
" (Manderbani) . . .	Samla Manderbani Cl. C.	38,844	24,334	11,562
Sanctoria . . .	Mondal & Co., B. N.	29,850	28,638	21,063
Satgram . . .	Nageswar C. C. (N. P. Singh).	8,769	10,873	12,182
" (Khas) . . .	L. A. Creet . . .	36,955	30,412	(b)
" (Central) . . .	Das, H. & B. . . .	26,662	18,387	21,125
Sibdaspur . . .	Sindhi, B. M. . . .	..	..	..
Searsale (Selected) . . .	Shreeniwas, P. . . .	29,088	31,845	37,939
" (Khas) . . .	Searsol Raj Wards Estate.	12,543	12,702	(c)
" (East) . . .	Devi, A. S. . . .	43	1,019	319
" " . . .	Mukherjee, S. K. . .	121	1,679	982
Siduli . . .	Siduli Cl. C. (K. Lalji & T. M. Pat- hak).	15,738	13,961	9,015
Sonschora . . .	Mangalpur Cl. C. .	..	..	..
Sitalpur (Kbandra) . . .	Kbandra Sitalpur Cl. C.	..	125	..
Sudi . . .	Kalyanji Mavji & Co.	282	..	..
Viceroy . . .	B. N. Mondal & Co.	..	..	600
TOTAL, BURDWAN DIS- TRICT.		7,929,936	7,682,039	6,683,003

* NOTE.—"C. C."=Coal Company; "L."=Limited; "C. A."=Coal Association; "S."=Syndicate; "C. Co."=Coal Concern; "Cl. C."=Colliery or Collieries Company; "M. C."=Mining Company.

(a) Worked by Joint Stock Company.

(b) Worked by Joint Stock Company with the name of the Mine changed to East Satgram.

(c) Vide Mahabir Colliery.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BENGAL—concl'd.				
RANIGANJ COAL-FIELD— concl'd.				
BANKURA—				
<i>Worked by private owners—</i>				
Gopalpur . . .	Gopalpur, C. C. (Bharmal Pancha).	839	965	1,647
Kalikapur . . .	Banerjee, H. and others.	4,470	2,455	1,653
TOTAL BANKURA DIS- TRICT.		5,309	3,420	3,300
BIRBHUM—				
<i>Worked by private owners—</i>				
Gangaram Chak . .	Misra, Mukherjee & Co.	1,558	2,735	2,553
TOTAL BENGAL . .		7,936,803	7,638,794	6,688,856
RANIGANJ COAL-FIELD .	{ Bihar . . . Bengal . . .	{ 859,111 7,936,803	{ 905,039 7,638,794	{ 882,924 6,688,856
TOTAL . .		8,795,914	8,544,433	7,571,780
PUNJAB.				
ATTOCK—				
<i>Worked by private owners— Attock (Nos. 1, 2 & 3) .</i>	Sundardass & Sons	(a)19	1	..
JHELUM—				
<i>(1) Worked by joint stock companies—</i>				
Ara . . .	Dalmia Jain & C. L.	16	392	1,745
Chittidand . . .	National C. O. L.	7,313	4,376	3,284
Dandot . . .	Dalmia Jain & C. L.	454	77	184
Gambhara . . .	Ditto	6,255	3,636	711
Gandhala . . .	W. Stone & Lime Quarry Ltd., and Pandit G. Chand.	(b)15,693	10,796	6,818

* NOTE.—“C. O.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association;
“S.”=Syndicate; “C. Co.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M.
C.”=Mining Company.

(a) For Mines Nos. 1 & 2 only.

(b) Includes figures for Shamlat Dalwal and Wahula Colliery No. 1.

2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—contd.

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
PUNJAB—contd.				
JHELUM—contd.				
<i>Worked by Joint Stock Companies—contd.</i>				
Narianwala (Nos. 2 & 3)	Golpur Coal & Lime Co. L.	2,047	..	..
„ (No. 1½)	Ditto	(b)766	877	..
„ (Nos. 1A & 4)	Ditto	(c)	1,664	2,281
Pandoowali (No. 5)	W. Stone & Lime Quarry Ltd., and B. Hazura Mall.	..	392	1,428
Shamlat Dandot (Nos. 6, 6½ & 7½).	W. Stone & Lime Quarry Ltd., and B. Ram Lall.	(d)2,336	(d)3,566	2,003
<i>(2) Worked by private owners—</i>				
Basharat (No. 1)	H. C. Chhabra and Sone.	—	..	..
Bharat	Bk. Gopal Dass Ram Dass.	482	21	420
Chittipidh (No. 3)	S. R. Amarnath	—	—	..
Chhoi (Mine No. 1), Choyasaidan Shah.	Mian Alladin	(a)36	..	..
Choi Choa Saidan Shah (No. 3).	Mian Alla Din	—	—	..
Choiwala	Jagannath, C. L.	1,126	3,960	5,379
Churewali (No. 1)	Messrs. Amarnath, Fazal Karim, and Abdul Karim.	1,003	741	694
Choaganj Ali Shah	M. M. Wazidali-Shah.	85	94	429
Dalwal and Padshapur	Himalaya C. C.	374	223	488
„ „(No. 1)	Messrs. A. Nath, Fazal Karim and Abdul Karim.	—	—	..
Dalwal (No. 1)	Kapur, S. R.	30	—	..
Dandot (Rakh) (Talah-wali No. 2).	L. Ram Lall	3,279	1,109	620
Dandot (Rakh) (No. 3 —88 acres).	L. Ram Lall (Chhandan).	..	84	56
„ (No. 3)	Himalaya O. C.	1,521	1,128	(b)2,459
Dhadranwali (No. 1)	Sanat Ram Amarnath and Fazal-karim Abdulkarim.	4,028	2,867	2,281
Dhula Dher (No. 1)	Bhai Hazura Mall	328	734	674

* NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Co.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M. C.”=Mining Company.

(a) Includes figures for mine No. 1½.

(b) „ „ „ „ „ No. 4.

(c) Vide foot note (b).

(d) Figures for Mine No. 6 only.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
PUNJAB—contd.				
JHELUM—contd.				
(2) Worked by private owners—contd.				
Drgan (No. 1 Eastern)	Messrs. Charanjit Lal Jagannath.	—	—	219
"	Mulraj, B.	97	..	..
Gambhali (No. 1)	Kapur, S. R.	—	452	359
Gandhala Thubanwali (No. 1).	Sant Ram Amarnath & others.	910	668	96
" (No. 2)	Sant Ram Amarnath Lakhraj, Fazal- karim and Abdul- karim.	—	—	5
Hilloonwala, (No. 8)	Kapur, L. Sant Ram	1,483	1,351	1,334
" (No. 6)	Ditto	1,295	287	..
Kalrian (No. 1 East)	Kapur, R. S. L. Ishardas.	..	22	..
Kalwali No. I (Shamlat Wapula).	Lala Ram Lal	—	—	..
Kangar (No. 1—Choya Saidan Shah.)	M. Alla Din	—	—	183
Mahal (No. 1)	Chakwal Brick Co.	372	..	408
" (Nos. 2 & 4)	Ditto	(a)746	(a)1,580	..
" (No. 6)	Ditto	—	..	..
" (No. 7)	Ditto	..	393	1,474
" (No. 8)	Ditto	—	—	..
Mari (No. 2)	Bakshi, J. M.	150	584	417
Milap	Chhabra & Sons, H. C.	..	..	..
Parkash (No. 2)	Kapur, S. R.	..	182	285
Pidh	R. S. L. Ishardas Kapur.	4,029	5,063	4,118
Rakh (Kusak & Shamlat Watali & Manhala No. 1).	Ramautar	1,559	2,064	..
Rakh (Kusak & Sham- lat watali No. 2—134.4 Acres).	Ditto	1,760	732	570
" (Kusak No. 1— 134.4 acres).	Ditto	..	..	919
Shamlat Nali (No. 1— 113.6 acres).	Ditto	1,849	2,935	2,224
Shamlatocha and Ratu- cha (No. 1—76.8 acres).	Ditto	..	70	..
S'dhandi	M. Ram Lal & Sons	—	—	25
Thubanwali (No. 2)	Amarnath & Others, S. R.	..	205	..
Ugalianwali (No. 1)	Sant Ram Kapur	—	—	80
TOTAL, JHELUM		61,411	53,405	44,670

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(a) For mine No. 2 only.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
PUNJAB—contd.				
MIANWALI—				
(1) Worked by joint stock company—				
Kalabagh	Kalabagh Cl. C. L.	1,148	2,591	1,330
(2) Worked by private owners—				
Chapri	Lal Chand Kalra	..	..	..
Chasania	Kapur, L. C. L.	104	544	2,179
Dua (Tolla)	Punjab Mining C. L.	—	—	550
Gullakhel	Kapur, D. R.	88	541	4,003
Kutch	Lal Chand Kalra	16	..	..
Makorwal	R. S. L. Ishardas Kapur & Others.	107,265	70,652	45,012
Mallakhel	Kapur, L. C. L. and A. N.	88	352	1,276
TOTAL, MIANWALI		108,709	74,680	54,350
SHAHPUR—				
Worked by private owners—				
Jhakarkote (Katha)	R. S. L. Ishardas Kapur and Dewan Kirpa Ram.	8,058	7,325	6,392
Chambal	R. S. Malik Tara- chand & Sons.	396	..	350
Shah Behot (No. 3 East)	Daulat Ram Mehta	375	344	644
TOTAL, SHAHPUR		8,829	7,669	7,386
TOTAL, PUNJAB (SALT RANGE).		178,963	135,755	106,406
BALUCHISTAN.				
KALAT—				
Worked by private owners—				
Abbasia, Leases Nos. 118 & 124.	Hossain, M. W.	—	—	5,785
Mach (No. 117)	R. S. Seth Tikamdas	—	—	1,187
" (No. 130)	Ditto	—	—	1,491
" (No. 131)	Ditto	—	—	1,618
" (No. 136)	Ditto	—	—	120
" (No. 139)	Ditto	—	—	369
" (No. 148)	Ditto	—	—	2,284
" (No. 157)	Ditto	—	—	1,000
" (No. 159)	Ditto	—	—	791
Lease No. 90	Sorabjee & Sons.	—	—	1,956
" No. 101	Chooni, N. C.	—	—	200
" No. 132	Patel, F. B.	—	—	3,259
Leases Nos. 80 & 80A	Ditto	—	—	2,020
TOTAL, KALAT		—	—	23,889

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“M. C.”=Mining Company.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons*	Tons
BALUCHISTAN—contd.				
SIK (KHOIST)—				
<i>Worked by private owners—</i>				
Abbassa, Lease No. 120	Mullick, W. H.	602	{ (c) 1,691 }	184
" Leases Nos. 149, 150, 151 & 152.	Ditto	..		2,581
Harnai, Leases Nos. 49 & 50.	R. S. Seth Tikamdas	{ (a) 1,082 }	1,088	{ (e) 370 }
Harnai, Lease No. 115	Ditto			
Jalad, Lease No. 135	Panezai, M. J. K.	..	1,133	(f) 2,548
Khost (New) Leases Nos. 104 and 105.	I. S. MacMull.	1,675	2,471	1,098
Khost, Lease No. 133	R. S. Seth Tikamdas	204	530	757
" " No. 162	R. Satyapaul.	—	—	377
Minok (Leases Nos. 83, 84 & Part of 85).	Minok C. C.	718	..	..
Minok (Lease No. 76)	Ditto	..	252	..
Nakus (Lease No. 146)	Gujral, S. B. S.	..	..	630
" Leases Nos. 140, 141 & 156.	R. S. Seth Tikamdas	(b) 912	746	1,502
Sharigh Leases Nos. 103, 160 & 161.	Ditto	(g) 100	(g) 260	1,330
Sharigh Lease No. 56	Ditto	2,515	1,440	{ 1,636 }
" " No. 81	Ditto	110	870	
" " No. 142	Ditto	74	210	..
" " No. 154	Ditto	851	810	699
" " No. 94	Patel, F. B.	..	94	408
" " No. 109	Nanak Chand Chooni & Sons.	..	207	985
" " No. 145	Ditto	121	..	..
" " No. 137	Khan, M. P.	—	—	5
" " No. 116	Nanak Chand Chooni	—	—	825
Zardalu	K. A. Marker	—	—	—
TOTAL, KHOIST		8,964	11,802	15,991
QUETTA-PESHAW—				
<i>Worked by private owners—</i>				
Hanna, Lease No. 143	Gujral, S. B. S.	112	600	1,829
Hanna, Leases Nos. 58 & 59.	R. S. Seth Tikamdas	2,581	2,470	2,837

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“S.”=Syndicate; “C. Ch.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company;
“M. C.”=Mining Company.

- (a) For leases Nos. 50 and 115 only.
(b) For leases Nos. 140 and 141.
(c) For leases Nos. 120 and 151.
(d) For lease No. 104 only.
(e) For lease No. 50 only.
(f) For leases Nos. 49 and 115 only.
(g) For lease No. 103 only.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—contd.**

Province, Coal-field, District and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—contd.		Tons	Tons	Tons
BALUCHISTAN—contd.				
QUETTA-PISHIN—contd.				
<i>Worked by private owners—contd.</i>				
Hanna, Leases Nos. 18 and 40.	R. S. Seth Tikamdas	..	..	2,080
Hanna, Lease No. 126 .	Ditto .	1,372	2,025	..
Quetta, Leases Nos. 18, 40 & 155.	Ditto .	..	2,120	(a) 535
Sor Range, Lease No. 102.	Nanak Chand Choond & Sons.	606	94	327
" " " No. 97	S. Sad-ud-din & Co.	631	323	..
" " " No. 96	Ditto	100	..	..
" " " No. 73	Ismail, M. M.	458	709	..
" " " No. 77	Ditto	1,165	310	..
" " " No. 126	R. S. Seth Tikamdas	—	—	3,410
Sor Range—Murdar Hill Lease No. 128.	Sorabji & Sons	1,832	2,052	1,851
TOTAL, QUETTA-PISHIN		8,843	10,793	12,869
TOTAL, BALUCHISTAN		17,807	22,595	52,749
SIND.				
DADU—				
<i>Worked by joint stock companies—</i>				
Ledian	Associated Cement Cos., Ltd.	330	938	962
TATTA—				
Lahero	B. R. Herman & Mohatta Ltd.	—	—	1,359
KARACHI—				
<i>Worked by private owner—</i>				
Charu	Kapur, R. S. L. Ishardas.	422	284	590
TOTAL, SIND		752	1,222	2,911
CENTRAL PROVINCES.				
BETUL—				
<i>Worked by private owners—</i>				
Tawa Valley . . .	Walji Bhimji & Sons	104	5,595	5,723
BILASPUR—				
<i>Worked by private owner—</i>				
Donganala	Sawaria, R. S. M. J.	1,088	3,209	3,180

* NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Co.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M. C.”=Mining Company; “C. Fld.”=Coal Field.

(a) For lease No. 155 only.

2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND STATE OF INDIA—contd.

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
		Tons	Tons	Tons
BRITISH INDIA—contd.				
CENTRAL PROVINCES —contd.				
HOSHANGABAD—				
Worked by private owners— Riechhai	N. Venkat. Ramanna & Sons.	—	—	—
YEOTMAL—				
Worked by private owners— Ghugus (Robertson In- cline).	Ballarpur, Cl. C.	40,619	29,028	27,445
Rajar	Ditto	34,139	39,936	42,392
TOTAL, YEOTMAL		74,758	68,964	69,837
CHHINDWARA (PENOH VAL- LEY)—				
(1) Worked by joint stock companies—				
Ambara	N. H. Ojha & C. L.	35,786	31,017	6,408
Barkui	Penoh Valley, C. C., L.	121,460	118,155	120,613
Bhamori	Amalgamated C. Flds., L.	79,113	98,954	89,370
Chandametta	Penoh Valley C. C., L.	118,200	119,979	99,859
Damua	Kanhan Valley C. C., L.	78,196	66,591	60,621
Datia	Amalgamated C. Flds., L.	255,426	258,200	205,110
Eklehra	Ditto	55,594	61,614	74,220
Hirdagarh	Hirdagarh Cl. L.	107,047	99,925	78,632
Jatachhapa	Amalgamated C. Flds., L.	59,529	68,890	59,689
Junnordeo No. 2	Official Liquidators of R. S. H. Varma, and M. Kanhaiyalal & C. L.	21,379	23,478	12,685
Kaliohpar	C. P. S. L.	81,557	79,846	66,155
Koilia	K. Hirdagarh C., L.	47,535	41,648	25,163
Newton Chiekli	Newton Chiekli Cl., L.	216,869	208,482	200,617
Palsachouri	N. H. Ojha & C., L.	2,634	2,557	5,392
Parasia	R. S. H. Varma & M. Kanhai- yalal L.	4,849	9,291	9,692
Rakhikol	S. C. Cambata & C., L.	2,546	8,126	32,692
Rawanwara	Amalgamated C. Flds., L.	86,371	107,385	82,331
(Khas)	Rawanwara Cl., L.	1,347	15,383	13,832
Sukri	R. S. H. Varma & M. Kanhaiyalal, L.	..	40	..

*NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association;
“S.”=Syndicate; “C. Co.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company;
“M. C.”=Mining Company; “C. Fld.”=Coal Field.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—*contd.***

Province, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
BRITISH INDIA—<i>concl'd.</i>		Tons	Tons	Tons
CENTRAL PROVINCES <i>—concl'd.</i>				
(2) Worked by private owners—				
Ambara	S. M. Meghraj & Bros.	690	5,031	1,885
Barkuhi (East)	K. S. M. Hassanjee & Sons.	11,017	13,599	15,066
„ (West)	Trivedi, A. P. . . .	50	302	271
Bhandaria	A. H. A. Ali	7,000	700	580
Dbao	Kishanchand & Co.	20,908	5,000	3,251
Ghogri (Sial)	Sial, R. S. P. S. . .	17,187	17,971	22,818
Ghogri—Barkui	Walji Bhimji and Sons.	—	5,940	5,047
Ghorwari Kalan	Warde, I. A. T. . . .	—	—	240
Heranbhata	Nandlal	410	1,008	2,000
Nandora (East)	B. Lal & J. Ramdayal	7,618	1,020	898
Jamal Datta	R. S. M. P. Motilal & Co.	40,767	15,326	14,503
Panara (South)	B. Lal & J. Ramdayal	—	38,910	40,950
TOTAL, CHHINDWARA (PENCH VALLEY).		1,481,776	1,524,818	1,350,580
WARDHA VALLEY COAL- FIELD—				
CHANDA—				
(1) Worked by joint stock company—				
Mahakali (Shree)†	Shree Mahakali Coal Mines L.	(a)	(a)	35,508
(2) Worked by private owners—				
Ballarpur	Ballarpur Cl. C. . . .	61,196	71,077	71,202
Ghugus (1 pit Robert- son Incline).	Ditto	22,557	9,944	2,838
Ditto (2 & 3 Pits) . . .	Ditto	36,970	46,472	45,898
Hindusthan Lalpeth . .	D. B. S. Ballabh- das Monnoolal Kanhaiyalal.	40,613	32,129	20,273
Mahakali	Aboobaker Abdul- rahman & Co.	33,423	37,741	(b)
Majri	Sial, R. S. P. S. . . .	38,347	36,573	42,890
TOTAL, CHANDA . . .		233,105	233,936	227,699
TOTAL, CENTRAL PRO- VINCES.		1,790,830	1,836,522	1,657,019
TOTAL, BRITISH INDIA		26,092,073	25,954,273	22,463,469

* NOTE.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Co.”=Coal Concern; “Cl. C.”=Colliery or Collieries Company; “M. C.”=Mining Company.

(a) Worked by Private Owner.

(b) Worked by Joint Stock Company.

† Formerly Called Mahakali Colliery.

**2.—PRODUCTION OF COAL AT EACH MINE IN EACH PROVINCE AND
STATE OF INDIA—concl'd.**

State, Coal-field, District, and Mine.	Name of present owner.*	1941	1942	1943
INDIAN STATES.		Tons	Tons	Tons
ASSAM.				
KHASI STATES—				
Non-Act Mines	....	1,467	4,408	..
BALUCHISTAN.				
KALAT STATE—				
Non-Act Mines	....	9,805	14,432	3,178
EASTERN STATES AGENCY.				
KORBA STATE—				
Non-Act Mines	....	1,114,688	1,283,356	1,194,891
RAIGARH STATE—				
Non-Act Mines	....	2,122	2,095	1,727
TALCHER STATE—				
TALCHER COAL-FIELD—				
Non-Act Mines	....	512,375	446,230	409,820
TOTAL, EASTERN STATES AGENCY.	....	1,629,185	1,732,581	1,606,438
HYDERABAD.				
(1) Worked by Joint Stock Company—				
Singareni	Singareni Collieries, C. L.	154,164	..	..
Tandur	Ditto	347,201	369,421	366,933
Kothagudium	Ditto	711,219	844,598	633,273
(2) Worked by private owners—				
Sasti	Dadabhoi, K. B., and Daga, K. C.	88,794	63,134	57,164
TOTAL, HYDERABAD		1,301,378	1,277,153	1,057,370
KASHMIR.				
Handwara	....	—	—	(a) 3,676
Mirpur	....	—	680	200
Reasi	....	—	250	2,323
TOTAL, KASHMIR		..	930	6,199
RAJPUTANA.				
BIKANER—				
Worked by private owner—				
Palana	Maharaja of Bikaner	42,837	47,966	39,575
CENTRAL INDIA.				
REWAH—				
Worked by Indian State—				
Sohagpur (Burhar)	Rewah State	292,149	288,767	265,019
Umari	Ditto	78,463	83,820	84,195
Johilla	Ditto	16,385	28,914	46,466
TOTAL, CENTRAL INDIA		386,997	401,510	335,680
TOTAL, INDIAN STATES		3,371,669	3,478,980	3,048,440
GRAND TOTAL		29,463,742	29,433,257	25,511,909

* NOTE.—“C. L.”—Company Limited.

(a) Lignite.

3.—PRODUCTION AND CONSUMPTION OF COAL IN INDIA.

	1934	1935	1936§	1937§	1938§	1939§	1940§	1941§	1942§	1943§
<i>Production.</i>										
Coal Production (1,000 tons)	22,057	23,017	22,611	25,036	28,343	27,769	29,388	29,464	29,433	25,512
Value (Rs. 1,000)	6,30,61	6,52,21	6,24,98	7,81,02	10,64,24	9,87,25	10,51,65	10,76,79	13,00,05	16,95,07
	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.
Average value (at the pit's mouth) per ton, Rs.	2 14	2 13	2 12	3 2	3 12	3 9	3 9	3 11	4 7	6 10
Average number of persons employed daily (in thousands).	169	179	182	195	227	231	237	246	240	241
Estimated quantity of coal produced by each person per annum (in tons).	130	128	124	129	125	120	124	120	120	106
<i>Consumption.</i>										
	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)
Total population (in thousands). (†)	363,612	367,304	362,636	367,755	372,946	378,211	383,550	388,964	394,455	391,345
Coal production (1,000 tons)	22,057	23,017	22,611	25,036	28,343	27,769	29,388	29,464	29,433	25,512
Imports (1,000 tons)	72	77	68	61	47	49	5	8	9	2
Exports* (1,000 tons)	330	218	671	992	1,343	1,668	2,112	1,735	422	264
Excess of exports over imports (1,000 tons).	258	141	603	931	1,296	1,639	2,107	1,727	413	262
Total quantity retained for home consumption (1,000 tons). (‡)	21,799	22,676	22,008	24,105	27,047	26,130	27,281	27,737	29,020	25,250
Consumption per head of population (ton).	·06	·06	·06	·07	·07	·07	·07	·07	·07	·06

NOTE.—Imports and exports of Government Stores are excluded from this table.

* Including Re-exports.

(†) Excluding figures for Aden, Andamans and Nicobars.

(a) Estimated on the assumption of a constant geometric rate of increase but adjusted on account of mortality in Bengal during 1943.

(‡) Including Bunker coal and coal supplied on Admiralty, Royal Indian Navy and Director of Sea Transport Accounts.

(§) Excluding Burma.

TABLE (PART I) OF COAL EXTRACTED FROM THE MINES IN IN

Year	BRITISH PROVINCES										INDIAN STATES											ALL INDIA
	Assam	Bengal	Bihar †	Orissa	Panjab	Baluchistan	Central Provinces	N. W. P. P.	Sind	Average	Assam (Khasi States)	Eastern States Agency		Baluchistan (Khasi States)	Rajputana	Central India	Hyderabad †	Kashmir	Average†	Average		
												Orissa (Talcher State)	Central Provinces (Khasi States and Rajputana)									
1934	Rs. A. 7 11	Rs. A. 2 11	Rs. A. 2 11	Rs. A. 4 8	Rs. A. 5 18	Rs. A. 3 11	Rs. A. ..	Rs. A. ..	Rs. A. 2 12	Rs. A. 4 4	Rs. A. 3 8	Rs. A. 3 0	Rs. A. 5 15	Rs. A. 4 8	Rs. A. 3 0	Rs. A. 3 1	Rs. A. ..	Rs. A. 3 5	Rs. A. 2 14	Rs. A. 2 14	Rs. A. 2 14	Rs. A. 2 14
1935	9 8	2 9	2 10	(a)	4 6	7 8	3 9	..	2 12	3 12	3 4	3 8	7 8	4 6	3 8	3 4	..	3 6	2 13	2 13	2 13	2 13
1936	8 7	2 9	2 10	2 14	3 14	5 12	3 5	..	2 11	4 6	2 14	3 3	5 8	4 9	8 7	3 3	..	3 3	2 12	2 12	2 12	2 12
1937	7 18	3 3	2 15	3 2	5 0	6 9	3 5	..	3 2	3 15	2 11	3 0	5 13	4 8	3 8	3 0	..	3 1	3 2	3 2	3 2	3 2
1938	8 15	4 0	3 7	3 4	5 0	6 6	3 11	..	3 12	(b) 4 0	2 14	3 9	6 15	4 15	4 1	4 6	..	3 14	3 12	3 12	3 12	3 12
1939	8 1	3 12	3 4	3 0	5 0	6 10	3 10	5 4	3 0	(b) 5 4	2 12	3 9	5 13	4 10	4 2	4 4	4 9	3 18	3 9	3 9	3 9	3 9
1940	8 14	3 11	3 5	3 2	5 4	6 7	3 12	5 0	5 0	3 9	4 0	2 14	3 8	5 8	4 9	4 6	4 8	3 14	3 9	3 9	3 9	3 9
1941	9 5	3 18	3 6	3 5	5 15	7 7	3 4	..	7 0	8 9	5 11	3 3	3 8	6 9	4 8	4 4	4 9	4 0	3 11	3 11	3 11	3 11
1942	9 15	4 8	4 0	4 10	13 4	13 11	5 8	..	8 3	4 6	7 2	3 6	5 0	13 15	5 0	4 10	5 4	10 14	4 14	4 7	4 7	4 7
1943	12 12	6 14	6 5	5 8	24 6	17 7	6 13	..	13 10	6 11	..	5 3	5 6	13 2	7 8	5 11	7 0	8 0	5 15	6 10	6 10	6 10

(a) Figures included in Bihar.

(b) Estimated.

† Figures for years prior to 1938 are estimated.

‡ Figures for years prior to 1936 include Orissa.

56

by

(b)

(c)
(1)

(a)

10 11

6.—AVERAGE NUMBER OF PERSONS EMPLOYED DAILY IN THE COAL MINING INDUSTRY IN INDIA.

Year	BRITISH PROVINCES				INDIAN STATES				GRAND TOTAL		
	Men	Women	Children	Total	Men	Women	Children	Total			
1934	Below ground	95,903	12,550	1	108,453	(a)	(a)	(a)	13,364	169,354	
	Above ground	33,061	9,949	10	43,020				4,507		
1935	Below ground	102,313	11,092	2	113,407	(a)	(a)	(a)	14,634	179,152	
	Above ground	34,355	11,473	12	45,840				5,271		
1936	Below ground	105,413	9,228	2	114,643	(a)	(a)	(a)	12,441	181,687	
	Above ground	36,173	12,174	3	48,350				6,253		
1937	Below ground	98,444	3,887	..	102,331	(a)	(a)	(a)	15,900	194, 05	
	Above ground	49,889	19,037	6	68,932				7,542		
1938	Below ground	120,238	35	4	120,277	(a)	(a)	(a)	17,716	226,887	
	Above ground	57,407	23,526	2	80,935				7,959		
1939	Below ground	124,724	..	..	124,724	{	16,551	2,812	146	19,509	231,463
	Above ground	54,261	23,004	..	77,265					8,702	
1940	Below ground	130,129	..	..	130,129	{	18,266	2,278	2	20,546	237,017
	Above ground	54,522	24,680	..	79,202					5,906	
1941	Below ground	131,407	..	..	131,407	{	14,633	2,296	2	16,931	24 , 27(b)
	Above ground	58,128	28,745	..	86,873					9,086	
1942	Below ground	122,877	..	2	122,879	{	18,794	3,279	4	22,077	245,688
	Above ground	60,805	31,614	..	92,419					6,516	
1943	Below ground	113,646	7,111	..	120,757	{	19,767	1,321	..	21,088	241,472
	Above ground	60,673	32,479	95	93,447					2,582		3,562	36	6,180

(a) Particulars not available.

(b) Revised.

7.—QUANTITY AND VALUE OF FOREIGN COAL (1) IMPORTED INTO BRITISH INDIA.
(Private Merchandise only.)

Year	QUANTITY						
	From United Kingdom	From Australia (2)	From Union of South Africa	From Japan	From Portuguese East Africa (3)	From other countries	TOTAL
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1891—1895 (average)	677,000	17,000	(a)	7,000	..	4,000	705,000
1896—1900 (average)	267,000	21,000	..	43,000	..	2,000	333,000
1901—1905 (average)	154,000	13,000	1,000	34,000	..	3,000	205,000
1906—1910 (average)	234,000	56,000	46,000	6,000	..	8,000	344,000
1911—1915 (average)	158,000	48,000	86,000	50,000	49,000	36,000	427,000
1916—1920 (average)	6,000	10,000	11,000	2,000	12,000	3,000	44,000
1921—1925 (average)†	310,000	44,000	243,000	28,000	140,000	12,000	777,000
1926—1930 (average)	37,000	6,000	143,000	3,000	23,000	6,000	217,000
1931—1935 (average)	17,000	4,000	40,000	1,000	1,000	7,000	70,000
1936—1940 (average)	14,000	2,000	26,000	1,000	4,000	6,000	53,000
1934	13,340	6,981	45,269	1,628	..	4,943	72,161
1935	13,022	2,624	42,314	190	5,648	(b) 13,277	77,075
1936	19,278	4,593	48,472	1,179	7,094	(c) 15,320	95,936
1937	23,555	2,751	22,102	2,257	7,573	(d) 6,612	84,850
1938	14,090	410	23,170	98	7,641	(e) 1,331	46,740
1939	7,245	..	37,236	..	5	(f) 5,031	49,517
1940	3,814	360	410	..	..	690	5,274
1941	3,214	240	1,088	..	..	(g) 3,603	8,145
1942	2,381	..	4,585	..	..	(h) 1,700	8,666
1943	251	..	400	..	..	(i) 1,550	2,201

Year	VALUE						
	From United Kingdom	From Australia (2)	From Union of South Africa	From Japan	From Portuguese East Africa (3)	From other countries	TOTAL
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1831—1895 (average)	1,20,22,000	2,72,000	3,000	1,13,000	..	73,000	1,24,83,000
1896—1900 (average)	56,90,000	3,72,000	..	6,56,000	..	37,000	66,56,000
1901—1905 (average)	30,79,000	2,11,000	18,000	4,78,000	..	51,000	38,37,000
1906—1910 (average)	44,73,000	8,70,000	6,34,000	94,000	..	1,33,000	62,04,000
1911—1915 (average)	82,75,000	7,85,000	15,21,000	8,13,000	8,47,000	6,67,000	79,08,000
1916—1920 (average)	3,67,000	2,46,000	3,67,000	74,000	3,08,000	84,000	14,46,000
1921—1925 (average)†	1,20,44,000	15,10,000	71,45,000	9,87,000	42,54,000	3,38,000	2,62,78,000
1926—1930 (average)	9,71,000	1,65,000	28,81,000	72,000	4,63,000	76,000	46,28,000
1931—1935 (average)	4,05,000	87,000	6,98,000	12,000	17,000	1,07,000	13,26,000
1936—1940 (average)	2,89,000	33,000	4,48,000	6,000	75,000	97,000	9,48,000
1934	2,94,262	1,41,302	7,30,363	31,918	..	83,076	12,80,941
1935	2,95,557	45,044	6,77,001	2,090	84,716	(b) 2,02,949	13,07,357
1936	3,71,463	97,650	7,96,396	10,203	1,06,413	(c) 2,31,777	16,13,902
1937	5,37,496	61,962	3,60,675	19,803	1,27,412	(d) 1,06,005	12,13,353
1938	3,41,310	4,100	4,40,099	450	1,40,782	(e) 32,619	9,59,380
1939	84,154	..	6,33,367	..	150	(f) 1,01,962	8,19,833
1940	1,08,204	3,600	9,430	..	..	10,530	1,31,764
1941	87,440	3,600	13,320	..	..	(g) 51,525	1,55,885
1942	80,488	..	1,28,350	..	..	(h) 18,068	2,26,896
1943	20,334	..	4,800	..	..	(i) 46,430	71,564

NOTE.—From 1st April, 1937, statistics of the foreign sea-borne trade of British India include the trade of British India with Burma and exclude the direct trade of Burma with other foreign countries. The figures for 1937 have been arrived at by adding figures for January to March, 1937, relating to British India including Burma with figures for April to December, 1937, relating to British India excluding Burma.

† Excludes figures for patent fuel from 1924.

(1) Figures exclusive of Government Stores, but including coke. Patent fuel is also included up to 1923 only. (2) Includes figures for New Zealand up to 1924.

(a) Average quantity imported is 142 tons.

(b) Of this, imports from Germany amounted to 10,728 tons valued at Rs. 1,72,075.

(c) Of this, imports from Germany amounted to 13,578 tons valued at Rs. 2,11,980.

(d) Of this, imports from Germany amounted to 4,659 tons valued at Rs. 77,480. (e) Of this, imports from Germany amounted to 808 tons valued at Rs. 13,593.

(f) Of this, imports from Germany and Belgium amounted to 446 tons valued at Rs. 11,740 and 1,700 tons valued at Rs. 52,184 respectively.

(g) Of this, imports from the Straits Settlements amounted to 1,297 tons valued at Rs. 14,787.

(h) Of this, imports from Ceylon amounted to 516 tons valued at Rs. 5,225.

(i) Of this, imports from Ceylon and Bahrein Islands amounted to 982 tons valued at Rs. 18,980 and 554 tons valued at Rs. 27,170 respectively.

8.—QUANTITY OF INDIAN COAL * EXPORTED FROM BRITISH INDIA.
(Private Merchandise only.)

Year	To Aden	To British East Africa	To Mauritius	To Ceylon	To Burma	To Java	To Straits Settlements	To Sumatra	To Hong-kong	To other countries	TOTAL	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Ra.
1891—1895 (average) .	1,000	1,000	2,000	28,000	—	10,000	69,000	3,000	..	10,000	42,000	4,16,000,
1896—1900 (average) .	19,000	1,000	8,000	193,000	—	2,000	69,000	3,000	..	10,000	305,000	32,25,000,
1901—1905 (average) .	34,000	11,000	14,000	328,000	—	4,000	133,000	20,000	16,000	9,000	569,000	49,46,000.
1906—1910 (average) .	11,000	1,000	5,000	399,000	—	11,000	199,000	87,000	29,000	33,000	775,000	65,29,000,
1911—1915 (average) .	11,000	..	2,000	479,000	—	4,000	157,000	96,000	..	22,000	771,000	71,52,000,
1916—1920 (average) .	23,000	..	1,000	377,000	—	13,000	115,000	45,000	2,000	44,000	620,000	68,71,000,
1921—1925 (average) .	5,000	..	..	160,000	—	..	13,000	1,000	..	3,000	182,000	27,83,000,
1926—1930 (average) .	13,000	..	1,000	317,000	—	2,000	88,000	5,000	76,000	99,000	601,000	69,80,000,
1931—1935 (average) .	..	..	2,000	215,000	—	..	21,000	..	111,000	38,000	337,000	38,64,000,
1936—1940 (average) .	5,000	..	2,000	318,000	(a) 538,000	2,000	70,000	9,000	96,000	334,000	1,243,000	1,20,63,000
1934	..	25	1,935	228,569	—	..	35,647	..	56,737	7,330	330,233	32,38,057,
1935	..	20	1,001	146,232	—	..	16,850	..	46,718	6,703	217,584	18,62,338,
1936	..	40	3,317	149,114	—	..	16,928	..	5,038	22,775	197,212	16,44,634,
1937	23,930	39	1,750	379,484	(b) 394,188	..	44,984	17,872	7,553	3,560	873,310	81,39,982,
1938	..	160	2,258	253,686	614,856	..	7,508	8,804	72,262	(c) 38,369	1,343,033	1,35,50,800,
1939	5,205	30	2,872	353,769	474,882	6,243	105,098	12,778	213,202	(d) 514,013	1,688,092	1,63,34,672,
1940	9,158	..	2,440	454,365	533,147	6,014	176,891	4,940	179,951	(e) 745,375	2,112,281	2,06,44,905,
1941	130,852	147	2,265	236,776	452,799	30,730	167,863	1,000	88,201	(f) 623,857	1,734,580	1,72,83,406,
1942	4,901	25	..	279,438	(h) 63,455	(h) 3,818	..	..	432	(g) 60,932	422,001	42,34,048,
1943	8,906	51	..	206,432	..	..	..	..	..	(i) 48,297	263,086	34,98,880

NOTE.—From 1st April, 1937, statistics of foreign sea-borne trade of British India include the trade of British India with Burma and exclude the direct trade of Burma with other foreign countries.

* Excluding bunker coal and Government Stores, but including coke. Patent fuel is also included up to 1923 only.

(a) Average based on a period of 31 years. (b) For 9 months April to December. (c) Includes 325,100 tons shipped to China.

(d) Includes 440,780 tons shipped to China. (e) Includes 576,215 tons shipped to China. (f) Includes 315,957 tons shipped to Egypt.

(g) Includes 64,006 tons shipped to Egypt. (h) Shipments made during the first quarter of the year.

(i) Includes 38,105 tons shipped to Egypt.

9.—QUANTITY OF COAL IMPORTED INTO AND EXPORTED FROM BRITISH INDIA BY SEA ON GOVERNMENT ACCOUNT.

	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Imports † . . .	84	225	..	..	769	...	80	21	..	..
Exports † . . .	..	..	..	..	..	2,700	250	74,855	20,212	200

† Including coke but excluding patent fuel.

10.—SHIPMENT OF COAL BUNKERED AT DIFFERENT INDIAN PORTS.

	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
From Calcutta . . .	573,000	629,000	599,000	559,000	595,000	602,000	487,000	480,000	347,000	218,000
„ Bombay . . .	203,000	219,000	213,000	176,000	205,000	231,000	211,000	204,000	243,000	140,000
„ Karachi . . .	69,000	75,000	71,000	82,000	74,000	74,000	51,000	77,000	107,000	55,000
„ Madras . . .	15,000	12,000	9,000	23,000	10,000	20,000	13,000	56,000	189,000	227,000
„ Rangoon . . .	84,000	85,000	98,000	(a) 27,000	—	—	—	—	—	—
TOTAL . . .	944,000	1,020,000	990,000	867,000	884,000	927,000	762,000	817,000	886,000	640,000

NOTE.—No information regarding the country of origin of the coal bunkered is available.

(a) Relates to three months, January to March, 1937.

11.—QUANTITY OF AVAILABLE SUPPLY OF COAL IN INDIA.

Year					Imports of Foreign Coal	Re-exports	Available supply of Foreign Coal [1—2]	Production of Indian Coal	Exports of Indian Coal to Foreign Ports	Available supply of Indian Coal [4—5]	Total available supply [3+6]
					1	2	3	4	5	6	7
					Tons	Tons	Tons	Tons	Tons	Tons	Tons
1881—1890 (average)					705,000	(a)	705,000	2,758,000	42,000	2,716,000	3,421,000
1896—1900 (average)					333,000	(b)	333,000	4,750,000	305,000	4,445,000	4,778,000
1901—1905 (average)					205,000	1,000	204,000	7,627,000	569,000	7,058,000	7,262,000
1906—1910 (average)					344,000	..	344,000	11,523,000	775,000	10,748,000	11,092,000
1911—1915 (average)					427,000	..	427,000	15,440,000	771,000	14,669,000	15,096,000
1916—1920 (average)					44,000	..	44,000	19,356,000	620,000	18,736,000	18,780,000
1921—1925 (average)					777,000	48,000	729,000	20,010,000	182,000	19,828,000	20,557,000
1926—1930 (average)					217,000	43,000	173,000	22,569,000	691,000	21,968,000	22,141,000
1931—1935 (average)					70,000	2,000	68,000	21,347,000	337,000	20,960,000	21,028,000
1936—1940 (average)					46,000	..	46,000	26,629,000	1,361,000	25,268,000	25,314,000
1934					72,161	1	72,160	22,057,447	330,233	21,727,214	21,799,374
1935					77,075	176	76,899	23,016,695	217,584	22,799,111	22,876,010
1936*					68,116	137	67,979	22,616,821	671,392	21,939,429	22,007,408
1937*					61,399	11	61,388	25,036,386	992,467	24,013,919	24,105,307
1938*					46,740	86	46,654	23,342,906	1,343,033	26,993,873	27,046,527
1939*					49,517	87	49,430	27,769,112	1,688,092	26,081,020	26,130,450
1940*					5,274	30	5,244	29,388,494	2,112,281	27,276,213	27,281,457
1941*					8,145	20	8,125	20,463,742	1,734,580	27,229,162	27,737,287
1942*					8,666	..	8,666	20,433,253	422,001	29,011,252	29,019,918
1943*					2,201	..	2,201	25,511,909	263,686	25,248,223	25,250,424

NOTE.—Imports and exports of Government stores are excluded from this table.

* Excluding Burma.

(a) Average re-exports in the five years ending 1895 were 236 tons only.

(b) Average re-exports in the five years ending 1900 were 220 tons only.

12.—QUANTITY OF COAL EXPORTED BY SEA FROM BENGAL AND FOREIGN COUNTRIES TO OTHER BRITISH PROVINCES DURING 1943.

FROM	To			
	Bombay	Sind	Madras	Orissa
	Tons	Tons	Tons	Tons
Bengal	73,178	38,317	113,825	..
Foreign Countries†	1,119	354	251	..

† Inclusive of comparatively small quantities of coke, the corresponding imports into Bengal being 477 tons in 1943.

13.—QUANTITY OF COAL, WOOD AND OIL FUEL CONSUMED ON INDIAN RAILWAYS.

Year.	COAL			Per cent of Indian coal to total	Variation of coal consumed taking the quantity for the year 1927-28 as 100	Consumption of wood	Equivalent of wood in terms of coal at one ton of coal to 2½ tons of wood	Variation of wood consumed taking the quantity for the year 1927-28 as 100	Consumption of oil fuel	Equivalent of oil fuel in terms of coal at 0.55 ton of oil fuel to 1 ton of coal
	Indian	Foreign	TOTAL							
	Tons	Tons	Tons			Tons	Tons		Tons	Tons
1927-28	7,071,471	1,804	7,073,275	99.97	100	14,744	5,898	100	131,124	238,407
1927-28 to 1931-32 (annual average).	7,076,000	2,000	7,078,000	99.97	100	16,000	6,000	106	118,000	214,000
1932-33 to 1935-37 (annual average).	6,816,000	1,000	6,817,000	99.98	96	11,000	5,000	78	66,000	102,000
1937-38 to 1941-42 (annual average).	8,487,000	9,000	8,496,000	99.89	120	12,000	5,000	79	56,000	101,000
1934-35	6,927,362	3,084	6,930,446	99.96	98	11,093	4,436	75	50,849	92,453
1935-36	7,096,104	1,500	7,097,604	99.98	100	11,006	4,401	75	52,439	95,344
1936-37	7,293,176	26	7,293,202	100.00	103	11,552	4,621	78	60,288	109,614
1937-38	7,895,058	33	7,895,091	100.00	112	12,244	4,898	83	63,669	115,762
1938-39	8,179,438	3,713	8,183,151	99.95	116	11,802	4,721	80	54,978	99,960
1939-40	8,341,942	21,160	8,363,102	99.75	118	11,965	4,786	81	50,819	92,398
1940-41	8,607,758	21,992	8,629,750	99.75	122	12,416	4,967	84	58,545	106,445
1941-42	9,410,920	9	9,410,929	100.00	133	9,657	3,863	65	51,003	92,733
1942-43	9,241,914	13,049	9,254,963	99.9	131	27,533	11,013	187	45,220	82,218
1943-44	9,670,518	29,710	9,700,228	99.7	137	20,218	8,087	137	38,797	70,540

Note :—Figures shown in the table relate to India excluding Burma.

14.—LIST OF JOINT-STOCK COAL COMPANIES AT WORK IN INDIA ON THE 31ST MARCH, 1944.

No.	Name of Company	When registered	CAPITAL			Debtenture issued
			Authorised	Subscribed	Paid-up	
			Rs.	Rs.	Rs.	Rs.
BENGAL						
1	Adjai Collieries	9th Apr. 1925	6,50,000	5,25,000	5,25,000	..
2	Agabeg Brothers*	16th Apr. 1934	15,00,000	1,000	1,000	..
3	All-India Collieries*	5th Jan. 1935	40,000	20,000	20,000	..
4	Aikusa and Nayadee Collieries Company*	30th June 1937	50,000	50,000	..	..
5	Amalgamated Jambad Syndicate*	9th July 1937	3,00,000	2,57,000	2,57,000	..
6	Amalgamated Coalfields	12th May 1924	12,00,000	11,75,000	11,75,000	..
7	Anritlal Ojha & Company*	14th Mar. 1931	5,00,000	4,90,000	4,90,000	..
8	Apcar Collieries	1st July 1920	14,00,000	13,00,000	13,00,000	..
9	Balgopal L'ass Collieries*	10th Dec. 1941	1,50,000	200	..	..
10	Bansra Coal Company	15th Feb. 1908	5,00,000	1,92,495	1,92,495	..
11	Baraboni Coal Concern	13th June 1905	20,00,000	19,92,520	19,92,520	..
12	Bengal Bhatdee Coal Company	27th Nov. 1906	4,50,000	4,49,350	4,49,350	..
13	Bengal Coal Company	24th July 1858	40,00,000	40,00,000	40,00,000	..
14	Bengal Jharia Colliery Company*	7th Feb. 1940	1,00,000	1,00,000	1,00,000	..
15	Bengal Nagpur Coal Company	18th Dec. 1890	3,37,500	3,37,500	3,37,500	..
16	Bhaigora Coal Company	28th Apr. 1904	16,00,000	16,00,000	15,97,000	..
17	Bhulanbararee Coal Company	9th Aug. 1906	7,65,000	7,15,000	7,15,000	..
18	Birbhum Colliery Company*	8th Nov. 1918	2,00,000	2,00,000	2,00,000	..
19	B. K. Mukherji & Company*	8th Aug. 1921	5,00,000	3,99,520	3,99,520	..
20	Bokaro and Ramgur	21st Dec. 1907	12,80,000	12,80,000	12,80,000	..
21	Boreicia Coal Company	31st Mar. 1919	10,00,000	5,00,000	4,98,500	..

*Registered as a private company.

14.—LIST OF JOINT-STOCK COAL COMPANIES AT WORK IN INDIA ON THE 31ST MARCH, 1944—*contd.*

No.	Name of Company	When registered	CAPITAL			Debenture issued
			Authorised	Subscribed	Paid-up	
			Rs.	Rs.	Rs.	Rs.
BENGAL— <i>contd.</i>						
22	Borra Coal Company	10th Feb. 1891	9,00,000	9,00,000	9,00,000	..
23	B. N. Sanyal*	22nd Feb. 1932	1,00,000	1,00,000	1,00,000	..
24	Brindabanpur Colliery*	13th Mar. 1942	20,000	6,000	..	..
25	Budroochuck Coal Mining Company	12th Dec. 1907	5,00,000	5,00,000	5,00,000	..
26	Burra Dhemo Coal Company	14th Feb. 1908	8,12,500	8,12,500	8,12,500	..
27	Burra Coal Company	19th Apr. 1901	1,00,00,000	68,46,040	68,46,040	..
28	Busserya Coal Company	11th Jan. 1928	1,00,000	60,070	60,070	..
29	Central India Coal Fields*	11th Jan. 1944	1,00,00,000	500	..	..
30	Central Jeenagara Coal Company*	28th May 1928	1,00,000	1,00,000	1,00,000	..
31	Central Kajora Coal Company	20th Sep. 1919	5,00,000	2,68,000	2,68,000	..
32	Central Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
33	Central Kurkend Coal Company	7th May 1901	15,00,000	8,85,000	8,85,000	..
34	Central Poniat Coal Company	22nd Nov. 1943	60,000	960	..	..
35	Chinchooria Collieries	4th Oct. 1921	1,50,000	..	..	..
36	Churulia Coal Company	20th Mar. 1918	1,50,000	1,50,000	1,50,000	..
37	Coal Marketing Company of India	29th July 1941	25,00,000	3,75,000	3,75,000	..
38	Coal and Mineral Syndicate*	15th Mar. 1938	20,000	8,900	8,900	..
39	Damodar Coal Co.*	16th June 1937	1,00,000	85,000	85,000	..
40	Deoli Coal Company	4th Jan. 1917	4,50,000	4,50,000	4,50,000	..
41	Dhansar Coal Company	30th Sep. 1924	6,00,000	5,00,000	5,00,000	..
42	Dharajoba Colliery Company	15th May 1933	1,20,000	1,20,000	1,20,000	..
43	Dhemo Main Collieries	27th July 1916	16,00,000	16,00,000	16,00,000	..
44	D. S. Banerjee & Co.*	8th Dec. 1941	20,000	20,000	20,000	..
45	D. S. Banerjee & Co.* (Jheria)	19th Jan. 1944	20,000	200	..	..
46	Dutta's Kajora Coal Co.*	28th Mar. 1939	2,00,000	1,17,300	1,17,300	..
47	East Bahula Collieries*	16th Feb. 1944	2,00,000	600	..	..
48	East Baraboni Coal Co.*	19th Oct. 1935	5,00,000	4,75,000	4,75,000	..
49	East Basuria Colliery Co.*	8th Apr. 1942	2,00,000	25,000	..	..
50	East Chasnalla Company*	10th Aug. 1943	2,50,000	900	..	..
51	East Ekra Colliery Company*	3rd Aug. 1943	1,00,000	900	..	..
52	East Godhur Collieries	1st May 1943	1,00,000	5,200	..	..

53	East Golakdih Colliery Company*	Feb. 1944	20,000	150		
54	†East Indian Coal Company	19th Aug. 1914	£120,000=	£120,000=	£120,000=	
55	East Karanpura Coal Company*	23rd Aug. 1921	Rs. 15,98,000	Rs. 15,98,000	Rs. 15,98,000	
56	East Katras Colliery Company*	24th Jan. 1940	20,000	20	20	
57	East Lodna Colliery Company*	24th Nov. 1942	50,000	50,000	50,000	
58	East Mucheradih Coal Co.*	12th May 1941	50,000	4,000		
59	†Eastern Coal Company	8th Sep. 1914	1,50,000	20,000	20,000	
60	Equitable Coal Company		£120,000=	£120,000=	£120,000=	
61	Garga*		Rs. 15,98,000	Rs. 15,98,000	Rs. 15,98,000	
62	Garro Hills Corporation	12th Mar. 1895	40,00,000	33,63,760	33,63,760	
63	Ghosh's Tetturia Colliery (1929)*	5th Mar. 1927	10,00,000	8,00,200	8,00,200	
64	Ghusick Coal Company*	1st Oct. 1924	10,00,000	4,18,000	4,18,000	
65	Ghusick and Muslia Collieries	29th July 1929	1,00,000	40,000	40,000	
66	Golakdih Colliery Co.*	14th Dec. 1929	2,00,000	65,200	65,200	
67	Govindpore Coal Company	2nd May 1907	3,90,000	3,90,000	3,90,000	
68	Guzdar Kajora Colliery Company*	26th June 1935	2,50,000	2,50,000	2,50,000	
69	Hazaribagh Coal Syndicate*	4th Oct. 1907	2,00,000	2,00,000	2,00,000	
70	Huriladih Coal Company	16th Mar. 1931	5,00,000	3,00,000	3,00,000	
71	Jainty (Central) Colliery	23rd Sep. 1942	5,00,000	10,000		
72	Jaipuria Kajora Collieries	19th July 1901	8,00,000	8,00,000	8,00,000	
73	Jairamdanga Coal Company	9th Dec. 1916	2,42,500	2,42,500	2,42,500	
74	†Jambad Kajora Colliery Company	19th Nov. 1943	10,00,000	80		
75	Jharra and Raniganj Collieries	4th Jan. 1937	1,25,000	44,300	44,300	
76	Jhagrakhand Collieries*	30th June 1934	1,50,000	1,50,000	1,50,000	
77	Jote Dhemo Colliery Company*	1st April 1943	15,00,000	28,050		
78	K. Worsh & Co.*	17th Aug. 1942	24,00,000	24,00,000		
79	Kajora Pioneer Colliery	16th July 1934	1,00,000	60,000	60,000	
80	Kajora Coal Company*	12th May 1941	2,00,000	25,000	25,000	
81	Kalapahari Coal Company	17th Nov. 1941	6,00,000	4,00,000	4,00,000	
82	Kali Coal Company*	14th Oct. 1912	2,00,000	2,00,000	2,00,000	
83	Kalithan Suratar Colliery*	12th Jan. 1917	3,50,000	3,50,000	3,50,000	
84	Kanga and Co.*	22nd Mar. 1943	1,00,000	16,000		
85	Karanpura Collieries*	19th Mar. 1936	1,00,000	50,000	50,000	
86	Karanpura Development Company	31st July 1937	20,000	9,020	9,020	
87	Kasta and Behar Collieries	23rd Aug. 1921	20,000	20	20	
88	Katras Jheriah Coal Company	14th July 1920	40,00,000	20,00,000	20,00,000	
89	Khas Dharmaband Colliery Co.*	29th July 1938	15,00,000	2,40,000	2,40,000	
90	Khas Joyrampur Colliery Company*	4th Aug. 1893	5,00,000	5,00,000	5,00,000	
		21st May 1942	2,00,000	1,00,000		
		17th Aug. 1938	2,00,000	2,00,000	2,00,000	

* Registered as a private company.

† The company was registered in the United Kingdom.

‡ Transferred from Bihar in July, 1943.

14.—LIST OF JOINT-STOCK COAL COMPANIES AT WORK IN INDIA ON THE 31st MARCH, 1944—*contd.*

No.	Name of Company	When registered	CAPITAL			Debtenture Issued
			Authorised	Subscribed	Paid-up	
			Rs.	Rs.	Rs.	Rs.
BENGAL—<i>contd.</i>						
91	Khas Kajora Coal Company	21st Nov. 1921	7,50,000	3,31,400	3,31,400	..
92	Khas Kenda Colliery*	28th May 1926	1,00,000	1,00,000	1,00,000	..
93	Khas Kusunda Coal Company*	1st April 1943	1,00,000	80,000	..	..
94	Khodia Colliery*	13th Mar. 1942	22,000	6,000	..	..
95	Kuardi Coal Company	1st Nov. 1906	5,50,120	5,50,120	5,50,120	..
96	Lakurka Coal Company	23rd Jan. 1907	4,50,000	4,50,000	4,50,000	..
97	†Linton's Angarpatra Colliery	26th Nov. 1924	£100,000= Rs. 13,30,000	..	..	..
98	Lodna Colliery Company* (1920)	9th Dec. 1920	30,00,000	29,00,000	29,00,000	..
99	†Lodna Colliery Company	22nd Dec. 1914	£29,000= Rs. 3,85,700	..	..	..
100	Lower Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
101	M. K. Khanna and Company*	15th May 1922	25,00,000	25,00,000	25,00,000	..
102	Madanpur Giridih Collieries	5th Jan. 1922	15,00,000	2,99,350	2,97,350	..
103	Madhujore Coal Company*	23rd Aug. 1927	6,00,000	2,35,000	2,35,000	..
104	Mahabir Collieries	14th Feb. 1944	10,00,000	7,000	..	..
105	Manbhoom Coal Syndicate	23rd Sep. 1942	5,00,000	10,000	..	..
106	Mikir Hills Coal Company	18th Sep. 1933	15,00,000	..	..	..
107	Mundalpoor Coal Company	26th May 1907	5,65,750	5,65,750	5,65,750	..
108	National Coal Company	20th Feb. 1908	6,00,000	2,60,620	2,60,620	..
109	Nazira Coal Company	20th Feb. 1913	9,00,000	7,48,240	7,48,240	..
110	New Bansdeopur Coal Company	1st Sep. 1936	2,00,000	2,00,000	2,00,000	..
111	New Beerbhoom Coal Company	6th May 1873	25,00,000	19,76,230	19,76,230	..
112	†New Damagoria Coal Company	21st July 1937	2,00,000	2,00,000	2,00,000	..
113	New Gobindapur Coal Company	27th Nov. 1929	1,00,000	68,500	68,500	..
114	N. H. Ojha & Company*	15th May 1933	5,00,000	4,29,500	4,29,500	..
115	New Collieries*	31st Jan. 1939	50,000	50,000	50,000	..
116	New Jinagara Coal Company	21st Mar. 1918	2,50,000	2,00,000	2,00,000	..

117	New Manbhoom Coal Company	18th June 1886	3,00,000	3,00,000	3,00,000	..
118	New Satgram Coal Company*	24th Mar. 1930	1,00,000	1,00,000	1,00,000	..
119	New Sinidih Coal Company	19th Mar. 1914	3,50,000	3,50,000	3,50,000	..
120	New Standard Coal Company*	21st July 1937	1,50,000	1,28,000	1,28,000	..
121	New Sudamdih Colliery*	13th Sep. 1933	40,000	22,750	22,750	..
122	New Sudih Coal Company*	5th Oct. 1926	20,000	10,000	10,000	..
123	New Suratar Coal Company*	28th May 1915	1,00,000	1,00,000	1,00,000	..
124	New Tetturya Coal Company	31st Jan. 1907	15,00,000	3,48,330	3,48,330	..
125	Nichtpore Colliery*	23rd Mar. 1925	2,00,000	2,00,000	2,00,000	..
126	Nichtpur Coal Company*	17th Feb. 1943	50,000	2,000	..	..
127	Nihuripatra Coal Company	29th July 1935	15,000	15,000	15,000	..
128	North Adjai Coal Company*	8th April 1924	4,00,000	3,60,000	3,60,000	..
129	North Badjna Coal Company*	7th Dec. 1939	1,50,000	1,50,000	67,500	..
130	North Borari Coke Syndicate	10th Mar. 1943	20,000	250	..	..
131	North Borari Collieries	10th May 1943	20,000	150	..	..
132	North Burrakur Coal Company*†	8th April 1924	4,00,000	3,60,000	3,60,000	..
133	North Damuda Coal Company	1st April 1908	2,50,000	2,50,000	2,50,000	..
134	North-East Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
135	North Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
136	North-West Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
137	North-West Coal Company	6th June 1908	3,25,000	3,25,000	2,72,500	..
138	Ondal Coal Company	19th Feb. 1897	8,50,000	5,00,000	5,00,000	..
139	Oriental Coal Company	31st Aug. 1936	10,00,000	5,00,000	5,00,000	..
140	Orissa Development Co.	25th Nov. 1941	5,00,000	7,000	..	..
141	Parasethal Coal Concern*	12th Dec. 1934	30,000	7,500	7,500	..
142	Parasea Collieries	29th Jan. 1908	8,00,000	8,00,000	8,00,000	..
143	Pathardih Sudamdih Colliery*	5th Feb. 1936	33,000	33,000	33,000	..
144	Pench Valley Coal Company	31st Aug. 1905	12,00,000	7,87,500	7,87,500	..
145	Pioneer Collieries*	17th May 1937	2,50,000	1,30,000	1,30,000	..
146	Poniat Collieries*	5th Nov. 1931	36,000	36,000	36,000	..
147	Pure Kajora Coal Company*	5th July 1920	5,00,000	5,00,000	5,00,000	..
148	Pure Jambad Collieries*	25th Oct. 1933	30,000	25,000	25,000	..
149	Pure Joyrampore Coal Company*	4th June 1940	1,00,000	84,000	84,000	..
150	Pure Sitalpur Coal Concern*	31st Aug. 1937	3,50,000	2,50,000	2,50,000	..
151	R. N. Bagchi & Bros., Dobary Colliery*	30th May 1921	5,00,000	2,70,000	2,70,000	..
152	Raneegunge Coal Association	8th April 1873	15,00,000	12,00,000	12,00,000	..
153	Rangpur Coal Company	12th Dec. 1913	2,50,000	11,400	8,490	..
154	Ratibaty Collieries* (1943)	3rd Jan. 1944	2,00,000	3,000	..	..

*Registered as a private company.

†The company was registered in the United Kingdom.

‡Transferred from Bihar in July, 1943.

14.—LIST OF JOINT-STOCK COAL COMPANIES AT WORK IN INDIA ON THE 31ST MARCH, 1944—*contd.*

No.	Name of Company	When registered	CAPITAL			Debiture issued.
			Authorised	Subscribed	Paid-up	
			Rs.	Rs.	Rs.	Rs.
BENGAL—<i>conold.</i>						
155	Rawanwara Collieries	7th July 1930	6,00,000	2,37,875	2,37,875	..
156	Real Jambad Coal Co.*.	13th May 1935	1,00,000	1,00,000	1,00,000	..
157	Real Raniganj Coal Co.	25th Jan. 1938	3,00,000	1,36,000	1,36,000	..
158	Rewa Coalfields	29th April 1930	15,00,000	13,50,000	13,50,000	..
159	Samia Collieries	17th Nov. 1927	20,00,000	18,40,400	18,40,400	..
160	Satpukuria and Asansol Collieries	16th Nov. 1907	8,00,000	8,00,000	8,00,000	..
161	Searsole Coal Company	23rd Jan. 1917	1,25,000	1,25,000	1,25,000	..
162	Seebpore Coal Company	26th June 1900	4,00,000	2,80,000	2,80,000	..
163	Selected Baraboni Coal Company	10th July 1943	2,00,000	300	..	..
164	†Sendra-Bansjora Colliery Company*	22nd June 1940	2,00,000	2,00,000	2,00,000	..
165	Sendra Coal Company	16th Dec. 1907	8,00,000	8,00,000	8,00,000	..
166	Shampore Coal Company	26th Feb. 1896	3,00,000	3,00,000	3,00,000	..
167	Shree Mahakali Coal Mines*	3rd May 1943	7,50,000	200	..	..
168	Singaran Coal Syndicate	29th Jan. 1896	1,37,500	1,37,500	1,37,500	..
169	†Sitalpur Coal Company*	29th June 1934	2,00,000	2,00,000	2,00,000	..
170	South Badjina Coal Company*	7th Dec. 1839	1,00,000	50,000	43,350	..
171	South Bahaldi Coal Company*	1st April 1922	1,50,000	1,25,000	62,500	..
172	South-East Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
173	South Jambad Coal Company*	18th Nov. 1913	5,00,000	3,01,300	3,01,300	..
174	South Karanpura Coal Company	23rd Aug. 1921	30,00,000	17,50,000	17,50,000	..
175	South-West Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
176	Southern India Coal Company*	17th April 1919	2,00,000	..	..	..
177	S. S. Debi's Jambad Coal Concern*.	14th Jan. 1937	1,00,000	1,00,000	1,00,000	..
178	Standard Coal Company	7th Dec. 1900	8,00,000	8,00,000	8,00,000	..
179	Star Minerals Syndicate*	13th Mar. 1942	20,000	2,200	..	..
180	Sudih Collieries*	27th April 1929	20,000	5,000	1,250	..
181	Talcher Coalfields	23rd Nov. 1921	20,00,000	20,00,000	20,00,000	..
182	Ukhara Minerals	8th Oct. 1942	3,00,000	300	..	..
183	Union Coal Company	3rd Jan. 1908	8,50,000	8,50,000	8,50,000	..

184	Upper Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
185	Villiers*	27th Oct. 1919	6,00,000	6,00,000	6,00,000	..
186	Villiers Colliery Company*	14th May 1914	4,52,000	4,52,000	4,52,000	..
187	Virji and Company*	4th Nov. 1938	50,000	50,000	50,000	..
188	Western India Coal Syndicate*	25th July 1935	25,00,000	10,000	10,000	..
189	West Jamuria Coal Company	24th Mar. 1919	7,00,000	7,00,000	7,00,000	..
190	West Jotechemo Coal Company*	11th June 1940	1,00,000	1,00,000	1,00,000	..
191	West Karanpura Coal Company*	23rd Aug. 1921	20,000	20	20	..
TOTAL BENGAL		..	12,93,21,670	8,11,50,800	7,81,68,350	..
BIHAR						
192	Central Tintulia Coal Company*	8th April 1938	1,00,000	90,000	90,000	..
193	Chunilal Tivamchand Coal Company*	15th Sep. 1924	5,00,000	5,00,000	5,00,000	..
194	East Bhalgora Colliery Company*	23rd May 1934	75,000	75,000	75,000	..
195	East Bhuggatdih Colliery Company*	4th July 1934	1,20,000	1,20,000	1,20,000	..
196	East Ena Colliery Company*	3rd July 1934	30,000	30,000	30,000	..
197	East Khas Jharria Colliery Company*	2nd May 1934	50,000	50,000	50,000	..
198	Khas Jharria Coal Company* (1933)	24th May 1934	3,00,000	3,00,000	3,00,000	..
199	Kharkhari Coal Company	14th Jan. 1938	25,00,000	10,00,000	10,00,000	..
200	Maheshpur Colliery	29th Jan. 1938	25,00,000	3,50,000	3,50,000	..
201	Manbhumi Coal Syndicate	16th April 1942	5,00,000	3,040	..	..
202	Modern Satgram Coal Company	8th April 1937	1,00,000	1,00,000	1,00,000	..
203	Motiram Roshan Lal Coal Company*	15th Sep. 1924	6,00,000	6,00,000	6,00,000	..
204	Nanlal M. Verma and Bros.*	20th May 1941	2,00,000	25,000	25,000	..
205	New Marine Coal Company*	21st July 1937	2,00,000	2,00,000	2,00,000	..
206	Sendra Coal Company* (1933)	22nd May 1934	25,000	25,000	25,000	..
207	Sinidih Colliery Concern*	31st Oct. 1939	2,00,000	22,100	22,100	..
TOTAL BIHAR		..	80,00,000	34,90,140	34,87,100	..
PUNJAB						
208	Dhani Coal Company*	4th Aug. 1939	50,000	50,000	2,295	..
209	Golpur Coal and Lime Company	24th Sep. 1936	1,00,000	32,325	22,837	..
210	Mianwali Coal and Lime Company	20th Oct. 1938	2,20,000	25,150	12,575	..
211	National Coal Company*	12th Mar. 1937	1,00,000	45,000	45,000	..
212	New National Coal Company*	26th Jan. 1943	50,000	8,000	..	..
213	North Punjab Coal Company	12th May 1943	2,50,000	400	..	..
TOTAL PUNJAB		..	7,70,000	1,60,875	82,707	..

* Registered as a private company.

† Transferred from Bihar in June, 1940.

‡ Transferred from Bihar in July, 1943.

14.—LIST OF JOINT-STOCK COAL COMPANIES AT WORK IN INDIA ON THE 31st MARCH, 1944—*concl'd.*

No.	Name of Company.	When registered	CAPITAL			Dibenture issued.
			Authorised	Subscribed.	Paid-up	
			Rs.	Rs.	Rs.	Rs.
BOMBAY						
214	Balihari Colliery Company*	18th Nov. 1933	16,00,000	16,00,000	16,00,000	..
215	Dhadka Colliery Company*	18th Nov. 1933	1,50,000	1,50,000	1,50,000	..
216	Hingir-Rampur Coal Company	21st Aug. 1909	5,00,000	4,29,400	4,29,400	..
217	Hirdagarh Collieries*	7th Jan. 1931	5,00,000	2,50,000	2,50,000	..
218	Jecnagarah (East Berraree) Colliery Company*	18th Nov. 1933	3 31,000	3,31,000	3,31,000	..
219	Kalabagh Collieries Company	5th Nov. 1941	5,00,000	27,100	27,100	..
220	Khas Busra Coal Concern*	18th Nov. 1933	1,75,000	1,75,000	1,75,000	..
221	Kolhia Hirdagarh Company*	16th Nov. 1939	1,00,000	1,00,000	1,00,000	..
222	South Tisra Colliery Company*	18th Nov. 1933	1,45,600	1,45,600	1,45,600	..
	TOTAL BOMBAY	..	40,01,600	32,08,100	32,08,100	..
CENTRAL PROVINCES AND BERAR						
223	Central Provinces Syndicate*	25th Jan. 1936	10,00,000	4,38,100	4,38,100	..
224	Jamsai-Majri Coal Company*	8th Feb. 1932	1,00,000	30,000	30,000	..
225	Kanhan Valley Coal Company	19th Oct. 1929	5,00,000	2,37,300	2,04,000	..
226	Newton Chikli Collieries*	20th Jan. 1925	3,75,000	3,75,000	3,75,000	..
227	Satpura Coal Mining Company	14th April 1943	2,50,000	1,05,000	1,05,000	..
	TOTAL, CENTRAL PROVINCES AND BERAR	..	22,25,000	11,85,400	11,52,100	..
HYDERABAD						
228	†Hyderabad (Deccan) Company	29th July 1886	£872,000 = Rs. 89,37,600	£872,000 = Rs. 89,37,600	£872,000 = Rs. 89,37,600	..
229	Singareni Collieries Company	23rd Dec. 1920	90,00,000	63,21,450	63,21,450	22,88,500
	TOTAL, HYDERABAD	..	1,79,37,600	1,52,59,050	1,52,59,050	22,88,500
	TOTAL, COAL COMPANIES	..	16,22,55,770	10,44,54,365	10,13,57,407	22,88,500

* Registered as a private company.

† The Company was registered in the United Kingdom.

15.—IMPORTS OF COAL INTO CEYLON.

A.—(Private Merchandise only.)

Year	From United Kingdom	From British India	From British South Africa	From Australia	From Germany	From other countries	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1934	37,085	111,250	106,308	1,914	..	..	256,617
1935	34,474	150,897	87,613	..	13,514	..	286,498
1936	28,412	129,180	92,659	206	6,502	..	256,959
1937	46,376	247,884	114,671	9,297	5,379	10,309	433,816
1938	5,480	99,336	109,989	9,343	5,512	1,075	230,735
1939	13,526	217,968	89,269	..	6,209	..	326,872
1940	4,016	230,262	41,689	..	..	8,001	283,968
1941	..	127,182	61,139	..	..	..	188,321
1942	..	112,015	71,898	225	..	..	184,138
1943	..	96,376	22,683	..	..	..	119,059

15.—IMPORTS OF COAL INTO CEYLON—*contd.*

B.—(Government Stores.)

Year	From British India	From British South Africa	From Australia	From other countries	TOTAL
	Tons	Tons	Tons	Tons	Tons
1934	124,186	24,173	..	..	148,359
1935	..	150,450	..	..	150,450
1936	22,641	125,936	..	..	148,577
1937	136,782	..	..	..	136,782
1938	150,735	2,000	..	..	152,735
1939	143,662	..	..	..	143,662
1940	217,039	..	..	..	217,039
1941	108,173	..	..	..	108,173
1942	143,121	..	6,363	..	149,484
1943	125,323	15,199	..	..	140,522

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