

[FOURTH ISSUE]

# STATISTICS OF BRITISH INDIA

*For 1909-10 and preceding years*

PART I

INDUSTRIAL

*INCLUDING STATISTICS RELATING TO*

Factories, Mills, Mines, etc.



COMPILED IN THE OFFICE OF  
THE DIRECTOR-GENERAL OF COMMERCIAL INTELLIGENCE  
INDIA

CALCUTTA  
SUPERINTENDENT GOVERNMENT PRINTING, INDIA

1911

Price One Rupee or One Shilling and Six pence

# STATISTICS OF BRITISH INDIA

## PART I.—INDUSTRIAL

### CONTENTS

INTRODUCTION		PAGES
SUMMARY TABLE .. .. .		1 and 2
<b>FACTORIES AND OTHER LARGE INDUSTRIES</b>		
SUMMARY of CONTENTS and EXPLANATORY MEMORANDUM .. .. .		3 and 4
NO. OF TABLE		
1. ABSTRACT STATEMENT of INDUSTRIES in BRITISH INDIA and the LABOUR EMPLOYED in them, from 1905 to 1909—		
NUMBER of FACTORIES (OWNED by GOVERNMENT and LOCAL BODIES) whether under the INDIAN FACTORIES ACT or not .. .. .		5
2-A. NUMBER of INDUSTRIES in each PROVINCE in BRITISH INDIA from 1905 to 1909—		
NUMBER of FACTORIES (OWNED and WORKED by COMPANIES or INDIVIDUALS) —		
(I) WORKED by MECHANICAL POWER .. .. .		6 to 9
(II) NOT WORKED by MECHANICAL POWER .. .. .		10 to 13
2-B. NUMBER of PERSONS EMPLOYED in the INDUSTRIES in each PROVINCE in BRITISH INDIA, from 1905 to 1909—		
NUMBER of FACTORIES (OWNED and WORKED by COMPANIES or INDIVIDUALS)—		
(I) WORKED by MECHANICAL POWER .. .. .		14 to 17
(II) NOT WORKED by MECHANICAL POWER .. .. .		18 to 21
3. NUMBER of FACTORIES in BRITISH INDIA INSPECTED, average daily NUMBER of OPERATIVES EMPLOYED, THE MANNER in which FACTORIES were WORKED, and the HOLIDAYS given in them from 1905 to 1909—		
BRITISH INDIA .. .. .		22
BURMA .. .. .		23
EASTERN BENGAL AND ASSAM .. .. .		ib
BENGAL .. .. .		24
UNITED PROVINCES of AGRA AND OUDH .. .. .		ib
AJMER-MERWARA .. .. .		25
PANJAB .. .. .		ib
NORTH-WEST FRONTIER PROVINCE .. .. .		26
BOMBAY .. .. .		ib
CENTRAL PROVINCES and BERAR .. .. .		27
MADRAS .. .. .		ib
4. NUMBER of ACCIDENTS in FACTORIES from 1905 to 1909 .. .. .		
5. NUMBER of PERSONS CONVICTED in respect of OFFENCES against the FACTORIES ACT, from 1905 to 1909 .. .. .		
		28
		29
<b>BREWERIES</b>		
SUMMARY of CONTENTS and EXPLANATORY MEMORANDUM .. .. .		30
NO. OF TABLE		
1 STATEMENT of the PROGRESS of the BREWING INDUSTRY, from 1877 to 1909; and detailed STATEMENT of the PRODUCTION of BEER and the number of persons employed in each brewery in 1907, 1908 and 1909 .. .. .		
		31
<b>COTTON MILLS</b>		
SUMMARY of CONTENTS and EXPLANATORY MEMORANDUM .. .. .		32 to 34
NO. OF TABLE		
1. ABSTRACT STATEMENT of the PROGRESS of the COTTON SPINNING and WEAVING INDUSTRY in BRITISH INDIA, from 1878-79 to 1909-10 .. .. .		
		35

<b>COTTON MILLS—continued</b>		Pages
No. of TABLE		36 and 37
2.	DETAILED STATEMENT of COTTON MILLS in BRITISH INDIA in 1909-10 .. .. .	36
3.	ABSTRACT STATEMENT of the QUANTITY of YARN PRODUCED in the COTTON MILLS in BRITISH INDIA, from 1895-96 to 1909-10 .. .. .	37
4.	ABSTRACT STATEMENT of the QUANTITY of WOVEN GOODS PRODUCED in the COTTON MILLS in BRITISH INDIA, from 1896-97 to 1909-10 .. .. .	38
5.	DETAILED STATEMENT of the QUANTITY and COUNTS of YARN PRODUCED in the COTTON MILLS in BRITISH INDIA, from 1905-06 to 1909-10 .. .. .	39 to 43
6.	DETAILED STATEMENT of the QUANTITY and DESCRIPTIONS of WOVEN GOODS PRODUCED in the COTTON MILLS in BRITISH INDIA, from 1905-06 to 1909-10 .. .. .	44 to 48
7.	GROSS AMOUNT OF EXCISE DUTY REALISED under the COTTON DUTIES ACT, II of 1896, from 1895-96 to 1909-10 .. .. .	49
<b>JUTE MILLS</b>		
	SUMMARY of CONTENTS and EXPLANATORY MEMORANDUM .. .. .	50
No. of TABLE		51
1.	ABSTRACT STATEMENT of JUTE MILLS, from 1879-80 to 1909-10 .. .. .	51
2.	DETAILED STATEMENT of JUTE MILLS in 1909-10 .. .. .	52 and 53
<b>PAPER MILLS</b>		
	SUMMARY of CONTENTS and EXPLANATORY MEMORANDUM .. .. .	54
No. of TABLE		55
1.	ABSTRACT STATEMENT of PAPER MILLS in BRITISH INDIA, from 1885 to 1909 .. .. .	55
2.	DETAILED STATEMENT of PAPER MILLS in 1909 .. .. .	56
<b>WOOLLEN MILLS</b>		
	SUMMARY of CONTENTS and EXPLANATORY MEMORANDUM .. .. .	57
No. of TABLE		58
1.	ABSTRACT STATEMENT of WOOLLEN MILLS in BRITISH INDIA, from 1885 to 1909 .. .. .	58
2.	DETAILED STATEMENT of WOOLLEN MILLS in 1909 .. .. .	59
<b>MINERAL PRODUCTION</b>		
	SUMMARY of CONTENTS and EXPLANATORY MEMORANDUM .. .. .	60 to 62
No. of TABLE		63 and 64
1.	ABSTRACT STATEMENT of the QUANTITY and VALUE of SALT, COAL, GOLD, and PETROLEUM PRODUCED in BRITISH INDIA, from 1890 to 1909 .. .. .	63 and 64
2.	QUANTITY and VALUE of GOLD PRODUCED, from 1900 to 1909 .. .. .	65
3.	QUANTITY and VALUE of PETROLEUM PRODUCED, from 1900 to 1909 .. .. .	65
4.	QUANTITY and VALUE of OTHER MINERALS PRODUCED, from 1900 to 1909 .. .. .	66 to 68
<b>COAL MINES</b>		
	SUMMARY of CONTENTS and EXPLANATORY MEMORANDUM .. .. .	69 to 74
No. of TABLE		75
1.	QUANTITY of COAL PRODUCED in each PROVINCE in BRITISH INDIA, from 1878 to 1909 .. .. .	75
2.	QUANTITY of COAL PRODUCED at the PRINCIPAL MINES in each PROVINCE in BRITISH INDIA from 1900 to 1909 .. .. .	76 to 86
3.	QUANTITY and VALUE of FOREIGN COAL IMPORTED into BRITISH INDIA from PRINCIPAL FOREIGN COUNTRIES for twenty years ending 1909 .. .. .	87
4.	QUANTITY of INDIAN COAL EXPORTED from BRITISH INDIA to PRINCIPAL FOREIGN COUNTRIES for twenty years ending 1909 .. .. .	87
5.	QUANTITY of AVAILABLE SUPPLY of Coal in INDIA for twenty years ending 1909 .. .. .	88
6.	QUANTITY of COAL CARRIED by RAIL and RIVER from and to DIFFERENT TRADE BLOCKS of INDIA in 1909 .. .. .	89
7.	QUANTITY of COAL EXPORTED by SEA from BENGAL and FOREIGN COUNTRIES to other PROVINCES in 1909 .. .. .	90
8.	QUANTITY of AVAILABLE SUPPLY of COAL in each PROVINCE in BRITISH INDIA during 1909 .. .. .	90

CONTENTS

iii

<b>COAL MINES—continued</b>		
<b>No. of TABLE</b>		<b>PAGES</b>
9.	QUANTITY of COAL and WOOD CONSUMED on Indian RAILWAYS, from 1890 to 1909 .. .. .	91
10.	AVERAGE VALUE of COAL EXTRACTED from the MINES in BRITISH INDIA from 1890 to 1909 .. .. .	92
11.	PRICES OF INDIAN and WELSH COAL, from 1899 to 1910 .. .. .	93
12.	AVERAGE NUMBER of PERSONS EMPLOYED in the COAL MINING INDUSTRY in BRITISH INDIA from 1890 to 1909 .. .. .	93
13.	STATEMENT of the PRODUCTION and CONSUMPTION of COAL in INDIA and JAPAN for twenty years ending 1909. .. .. .	95

SUMMARY of the STATISTICS of BRITISH INDIA—PART I—INDUSTRIAL

	1880-81	1885-86	1890-91	1895-96	1900-01	1905-06	1908-09	1909-10
<b>FACTORIES AND OTHER LARGE INDUSTRIES—to December—</b>								
(a) Owned by Government and Local bodies . . . . . Number	..	..	..	..	..	114	115	117
(b) Owned and worked by companies or individuals—								
(1) Worked by mechanical power . . . . . "	..	..	..	..	..	1,813	2,415	2,449
(2) Not worked by mechanical power . . . . . "	..	..	..	..	..	572	428	538
<b>TOTAL . . . . . "</b>	..	..	..	..	..	<b>2,499</b>	<b>2,958</b>	<b>3,104</b>
<b>Average daily number of operatives employed in—</b>								
Factories worked by Government and Local bodies . . . . . Persons	..	..	..	..	..	53,955	71,914	65,505
.. worked by mechanical power . . . . . "	..	..	..	..	..	656,840	764,698	780,370
.. not worked by mechanical power . . . . . "	..	..	..	..	..	79,135	70,437	79,504
<b>TOTAL . . . . . "</b>	..	..	..	..	..	<b>789,930</b>	<b>907,049</b>	<b>925,379</b>
<b>Textiles—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	1,115	1,557	1,570
.. . . . . { Persons	..	..	..	..	..	430,434	520,858	548,838
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	225	104	116
.. . . . . { Persons	..	..	..	..	..	23,195	14,503	15,993
<b>Mineral—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	80	102	98
.. . . . . { Persons	..	..	..	..	..	27,924	32,948	34,803
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	14	11	17
.. . . . . { Persons	..	..	..	..	..	2,071	2,209	2,792
<b>Transport—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	69	82	81
.. . . . . { Persons	..	..	..	..	..	67,720	85,509	84,855
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	17	12	6
.. . . . . { Persons	..	..	..	..	..	2,877	1,574	1,152
<b>Food, drink and tobacco—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	232	312	316
.. . . . . { Persons	..	..	..	..	..	27,284	37,122	33,338
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	37	27	25
.. . . . . { Persons	..	..	..	..	..	3,452	3,504	3,311
<b>Chemicals, dyes, etc.—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	87	74	99
.. . . . . { Persons	..	..	..	..	..	56,987	24,457	8,651
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	208	162	241
.. . . . . { Persons	..	..	..	..	..	34,325	30,053	39,442
<b>Paper and printing—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	71	88	75
.. . . . . { Persons	..	..	..	..	..	16,838	21,326	18,083
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	13	11	11
.. . . . . { Persons	..	..	..	..	..	914	813	928
<b>Processes relating to wood, stone and glass—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	128	156	154
.. . . . . { Persons	..	..	..	..	..	18,280	18,453	17,872
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	38	70	95
.. . . . . { Persons	..	..	..	..	..	9,337	11,941	12,687
<b>Processes connected with skins and hides—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	6	7	8
.. . . . . { Persons	..	..	..	..	..	5,798	5,632	4,138
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	9	19	16
.. . . . . { Persons	..	..	..	..	..	545	2,140	1,619
<b>Miscellaneous—</b>								
Worked by mechanical power . . . . . { Number	..	..	..	..	..	25	39	46
.. . . . . { Persons	..	..	..	..	..	5,595	9,393	9,792
Not worked by mechanical power . . . . . { Number	..	..	..	..	..	9	12	12
.. . . . . { Persons	..	..	..	..	..	2,419	3,700	1,580
<b>Factories under the Act—</b>								
Worked during the year . . . . . Number	..	..	..	..	..	1,207	1,545	1,981
Operatives employed . . . . . "	..	..	..	..	..	468,956	632,636	766,160
Accidents . . . . . "	..	..	..	..	..	2,143	3,252	3,699
Persons convicted . . . . . "	..	..	..	..	..	8	22	60

## SUMMARY of the STATISTICS of BRITISH INDIA—PART I—INDUSTRIAL—continued

	1880-81	1885-86	1890-91	1895-96	1900-01	1905-06	1908-09	1909-10
<b>BREWERIES—to December—</b>								
Breweries . . . . . Number	17	19	22	23	26	26	24	24
Persons employed . . . . . "	..	..	..	..	..	2,012	1,658	1,689
Production . . . . . gals.	1,974,578	3,150,342	5,192,572	6,238,877	4,947,841	5,994,955	5,185,619	4,824,050
<b>COTTON MILLS—</b>								
Mills . . . . . Number	55	86	115	136	177	188	211	216
Looms . . . . . "	12,739	15,684	21,621	24,683	37,210	48,550	69,283	74,585
Spindles . . . . . "	1,434,364	2,122,077	3,022,896	3,636,764	4,679,648	5,006,916	5,602,134	5,773,824
Persons employed . . . . . "	46,530	69,735	102,763	136,947	144,983	194,700	219,603	215,419
Yarn produced . . . . . lb	..	..	..	430,472,002	342,777,547	655,618,831	629,886,081	593,206,855
Woven goods . . . . . "	..	..	..	(a) 81,415,058	95,844,590	156,000,276	184,163,606	215,360,604
Excise duty realised . . . . . R	..	..	..	(f) 5,635	12,16,307	27,06,784	35,43,778	40,06,193
<b>JUTE MILLS—</b>								
Mills . . . . . Number	21	24	26	28	36	39	56	60
Looms . . . . . "	5,065	6,683	7,804	10,169	15,340	21,986	29,525	31,418
Spindles . . . . . "	69,978	126,964	162,785	214,679	317,348	453,168	607,358	645,862
Persons employed . . . . . "	35,235	47,640	61,698	78,114	111,272	144,879	192,181	204,104
<b>PAPER MILLS—to December—</b>								
Mills . . . . . Number	..	6	6	7	7	6	8	8
Persons employed . . . . . "	..	968	1,585	3,594	4,871	4,012	4,784	4,645
Production :—	..	..	..	..	..	..	..	..
Quantity . . . . . lb	..	11,407,327	18,226,343	39,927,687	45,940,591	44,146,157	55,351,540	55,452,980
Value . . . . . R	..	16,19,954	29,88,747	60,86,330	62,51,748	51,86,729	74,26,057	77,53,327
<b>WOOLLEN MILLS—to December—</b>								
Mills . . . . . Number	..	3	4	4	3	5	4	4
Looms . . . . . "	..	..	504	503	550	676	740	763
Spindles . . . . . "	..	..	16,370	16,684	21,418	25,977	27,653	28,853
Persons employed . . . . . "	..	1,209	2,024	2,849	2,584	3,149	3,211	3,187
Production :—	..	..	..	..	..	..	..	..
Quantity . . . . . lb	..	965,149	1,320,052	2,119,704	2,712,629	3,064,467	3,394,995	3,209,434
Value . . . . . R	..	6,98,046	12,99,932	24,81,029	28,09,778	40,96,865	42,85,988	39,99,129
<b>MINERAL PRODUCTION—to December—</b>								
Salt . . . . . tons R	..	..	1,051,810	1,162,704	1,054,596	1,291,053	1,367,827	1,254,413
Coal . . . . . tons R	..	..	58,58,675	61,22,069	48,73,427	66,17,832	76,41,217	67,53,832
Gold . . . . . oz. R	..	..	1,965,193	3,128,625	5,475,662	7,762,780	12,149,020	11,294,227
Petroleum . . . . . gals R	..	..	69,28,055	1,15,01,404	1,74,62,970	1,84,84,875	4,69,44,932	3,84,55,910
Chromite . . . . . tons R	..	..	1,694	1,711	1,640	1,191	15,690	14,262
Diamonds . . . . . carats R	..	..	96,518	1,10,693	70,258	69,709	8,95,949	8,22,455
Graphite . . . . . tons R	..	..	4,132,287	13,003,748	37,729,211	144,798,444	176,646,320	233,678,087
Iron ore . . . . . tons R	..	..	2,82,173	15,39,231	22,31,325	90,63,051	1,05,30,139	1,36,52,581
Jadestone (b) . . . . . cwts. R	..	..	..	..	..	2,708	4,135	4,325
Magnesite . . . . . tons R	..	..	..	..	..	52,230	82,700	86,500
Manganese-Ore . . . . . tons R	..	..	..	..	..	..	..	111
Mica (d) . . . . . cwts. R	..	..	..	..	..	..	..	700
Rubies . . . . . carats R	..	..	..	..	..	64	..	..
Saltpetre (e) . . . . . cwts. R	..	..	..	..	..	25,600	..	..
Tin . . . . . cwts. R	..	..	..	..	..	100,176	57,056	82,175
Coal Mines—to December—	..	..	1,965,193	3,128,625	5,475,662	7,762,780	12,149,020	11,294,227
Production . . . . . tons	..	..	..	..	..	..	..	..
Persons employed . . . . . Number	..	..	30,204	52,277	78,782	80,496	120,107	109,291

(a) Figures for 1896-97, prior to which they were not obtained (b) Figures represent exports in each official year  
(c) At ₹4 per ton (value at the pit's mouth) (d) The figures previous to 1900 represent exports in each official year  
(e) Figures from 1905 relate to official years, and the value calculated on the wholesale price of saltpetre at Calcutta  
(f) For February and March 1896

## FACTORIES AND OTHER LARGE INDUSTRIES

[TABLES NOS. 1 TO 5, PAGES 5 TO 29]

[Compiled from the provincial annual reports on the working of the Indian Factories Act furnished by Local Governments and Administrations and special returns of large industries. The term "Factory" means, according to the Indian Factories Act, any premises (other than indigo-factories or premises situated on, and used solely for the purposes of, a tea or coffee plantation) wherein is carried on, for not less than four months in the whole in any one year, any process for, or incidental to, making, altering, repairing, ornamenting, finishing or otherwise adapting for use, transport, or sale any article or part of an article; and wherein steam, water or other mechanical power is used in aid of any such process; and wherein not less than fifty persons are on any day simultaneously employed in any manual labour in, or incidental to, any such process.]

*N.B.*—Statistics of the industries in the Native States which have hitherto been incorporated in this section have been excluded this year in accordance with the decision of the Government of India that the volumes constituting the *Statistics of British India* should be restricted to a presentation of statistics relating to British India only.

The tables in this section in the years prior to 1906 were included in two different sections, namely, Factories and Industrial Labour. The tables relating to Industrial Labour appeared, however, to overlap to a certain extent with those given in tables 1 and 2 under the head "Factories" and they have, consequently, been combined. The other tables concerning Factories, namely, tables 3, 4 and 5, remain unchanged. Tables Nos. 1 and 2 present a classified abstract of the different industries in India and the labour employed in them in each year from 1905 to 1909. Table No. 1 contains factories owned by Government and local bodies, whether they are worked by mechanical power or not, while table No. 2 contains not only factories owned by companies or individuals which come within the scope of the Indian Factories Act, but also all works, employing an average daily number of 50 persons or more, where no mechanical power is used. The factories worked by mechanical power and those not so worked are shown separately.

From the reports on the working of the Indian Factories Act it appears that in 1909 there were within the scope of the Act 95 factories belonging to the State and to local bodies, such as municipalities and port trusts. Among these there were 15 printing presses, 17 railway workshops, 9 canal and engineering workshops, and a considerable number of military arsenals and factories. Besides these 95 factories there were 22 more concerns which did not come within the operation of the Indian Factories Act.

Factories worked by mechanical power and owned by companies or individuals numbered 2,449 concerns as against 2,415 in 1908, the more important of these being :

Cotton gins and presses . . . . .	1,105
Cotton mills . . . . .	222
Rice mills . . . . .	210
Saw mills . . . . .	102
Jute presses . . . . .	146
Jute mills . . . . .	59
Iron and brass works and foundries . . . . .	82
Railway workshops . . . . .	58
Flour mills . . . . .	34

These represent about 82 per cent of the total number of factories worked by mechanical power. The factories created by the cotton industry exist principally in Bombay and those relating to the jute industry in Bengal and Eastern Bengal and Assam; while rice mills and saw mills are naturally mostly in Burma. Cotton gins and presses increased from 732 in 1905 to 900 in 1906, 976 in 1907, 1,081 in 1908, and 1,105 in 1909, the greater part of the increase occurring in the Central Provinces including Berar where the number of cotton presses rose from 240 in 1905 to 326 in 1906. This increase does not, however, represent any sudden outburst of industrial activity but is due to the registration of numerous small gins and presses in the Berar Division which had previously not been brought under the operation of the Act. Of the other factories there are none largely assigned to any particular industry.

There were also 53 factories not worked by mechanical power, including 26 jute presses and 9 printing presses.

The daily average number of persons employed in the factories worked by mechanical power and those not so worked was 925,379 against 898,469 in 1907 and 907,049 in 1908; of which the number employed in the factories under the Act was 785,910 as against 729,778 and 766,150 in 1907 and 1908, respectively, viz. :—

Adults { males . . . . .	619,015
{ females . . . . .	114,455
Children { males . . . . .	43,454
{ females . . . . .	8,986

Of this total 309,680 (being 39 per cent) were employed in factories in Bengal and 227,359 (being 29 per cent) in Bombay, these two provinces employing over two-thirds of all the factory labour of India.

---

**FACTORIES AND OTHER LARGE INDUSTRIES—*continued***

• There were 4,036 accidents reported in 1909, 123 of them being attended with fatal results. Of these 52 occurred in Bengal and 30 in Bombay. Bengal, also, has the largest number of serious accidents, namely, 386 against 178 in Bombay, 125 in Burma, 68 in the Central Provinces and Berar, and 48 in the United Provinces. Much the largest number of minor accidents—1,395 out of a total of 3,016—occurred in Bombay, where cotton mills and presses predominate.

There were 58 convictions in respect of offences against the Factories Act in 1909; 20 for the employment of persons in contravention of the Act, 18 for neglect to fence machinery, 2 for neglect of ventilation and cleanliness, 13 for neglect to send notices or returns, and 5 for neglect to keep the prescribed register of children.



# FACTORIES AND OTHER LARGE INDUSTRIES

## No. 1.

*CLASSIFIED ABSTRACT of the DIFFERENT INDUSTRIES in BRITISH INDIA and the LABOUR employed in them in each year from 1905 to 1909*

FACTORIES OWNED BY GOVERNMENT AND LOCAL BODIES (WHETHER UNDER THE INDIAN FACTORIES ACT OR NOT)

	1905		1906		1907		1908		1909	
	Number of works	Number of persons employed	Number of works	Number of persons employed	Number of works	Number of persons employed	Number of works	Number of persons employed	Number of works	Number of persons employed
Arms and ammunition	6	9,939	6	11,692	6	12,477	6	13,103	6	10,423
Arsenals	9	3,220(a)	9	4,345(b)	11	5,352	10	4,908	10	4,275
Bakery	..	..	1	38	1	38	1	30	1	33
Brickfields	1	73	2	174	1	150	2	287	..	..
Canal foundries and workshops	3	1,243	3	1,208	3	1,154	3	1,172	3	1,274
Carpentry	1	(c)	1	137	1	110	1	112	1	132
Clothing agencies	4	310(d)	4	385(e)	5	2,196	4	2,084	4	2,260
Dairy farms	2	210	1	250	1	150	1	150	2	176
Distilleries	1	100	1	100	2	140	2	174	2	185
Dockyards	3	2,818(e)	3	3,322	3	3,516	3	3,641	3	3,710
Engineering workshops	8	940(f)	7	1,066	6	948	5	887	8	1,499
Fish-curing yards	3	156	3	153	4	588	3	442	4	564
Flour mills	2	(c)	See Bakery							
Forage presses	2	68(e)	1	66	1	66	1	66	1	66
Gas works	1	(c)	1	30	1	25	1	25	1	20
Gun carriage factories	4	1,693(g)	4	2,780(g)	2	2,639	2	2,213	1	1,559
Iron works and foundries	3	(c)	3	529(e)	3	519(e)	2	606	2	538
Jute mills	1	571	1	671	1	350	1	971	1	940
Leather works	2	2,196(d)	2	3,195	2	3,083	2	2,690	2	2,132
Mathematical instrument factories	1	390	1	440	1	414	1	455	1	431
Mints	2	1,089	2	1,461	2	1,586	2	1,360	2	,007
Municipal workshops	5	739	5	662(h)	5	757	6	155	6	915
Opium factories	1	296	1	500	1	274	1	286	1	253
Port Trust workshops	1	200	1	140	1	200	1	250	1	240
Postal workshops	1	415	1	401	1	371	1	308	1	319
Printing presses	16	6,087(i)	16	7,524(i)	21	11,054	21	11,231	10	9,819
Railway workshops	27	20,246	22	20,651	23	21,677	22	21,771	23	20,896
Sappers and Miners workshops	1	171	1	176	1	172	1	175	1	190
Saw mills	1	50	2	155	2	138	..	..	..	..
Stores Factories (medical stores)	..	..	..	..	..	..	1	112	2	209
Tanneries	..	..	..	..	..	..	1	52	1	85
Telegraph works	1	735	1	756	1	701	1	702	1	690
Water works	1	(c)	1	50	2	90	6	816	6	690
Miscellaneous	..	..	1	140	..	..	..	..	..	..
<b>TOTAL</b>	<b>114</b>	<b>53,955</b>	<b>108</b>	<b>63,212</b>	<b>115</b>	<b>70,935</b>	<b>115</b>	<b>71,914</b>	<b>117</b>	<b>65,505</b>

(a) Represents number of persons employed in 7 Factories

(b) " " " " " 8 " "

(c) Information not available

(d) Represents number of persons employed in 1 Factory

(e) " " " " " 2 Factories

(f) " " " " " 6 " "

(g) " " " " " 8 " "

(h) " " " " " 4 " "

(i) " " " " " 14 " "

FACTORIES AND OTHER  
LARGE INDUSTRIES

( 6 )

No. 2-A

NUMBER of DIFFERENT INDUSTRIES in  
FACTORIES OWNED AND WORKED  
Part I—Worked

PROVINCE	I—TEXTILES														II—MINERAL					
	Cotton ginning, clearing and pressing mills	Cotton spinning, weaving and other mills	Cotton spinning and weaving establishments not classed as mills	Hemp mill	Hosiery	Jute mills	Jute presses	Jute thread manufactories	Rope works	Silk filatures	Silk mills	Tent factories	Woolen mills	Miscellaneous	TOTAL	Aluminium factories	Colliery workshop	Iron and brass foundries	Lock and cutlery works	Metal works
Burma	1905	3	..	..	..	..	..	..	1	..	..	..	..	..	4	..	..	5	..	..
	1906	4	..	..	..	..	..	..	1	..	..	..	..	..	5	..	..	6	..	..
	1907	4	..	..	..	..	..	..	1	..	..	..	..	..	6	..	..	10	..	..
	1908	5	..	..	..	..	..	..	1	..	..	..	..	..	6	..	..	..	..	..
	1909	5	..	..	..	..	..	..	1	..	..	..	..	..	6	..	..	..	..	..
Eastern Bengal and Assam	1905	..	..	..	..	..	64	..	..	14	..	..	..	1	79	..	..	..	..	..
	1906	..	..	..	..	..	86	..	..	14	..	..	..	..	108	..	..	..	..	..
	1907	..	..	..	..	..	106	..	..	14	..	..	..	..	123	..	1	..	..	..
	1908	..	..	..	..	..	98	..	..	11	..	..	..	..	112	..	1	..	..	..
	1909	2	..	..	..	..	111	..	..	4	..	..	..	..	120	..	1	1	..	..
Bengal	1905	1	13	..	..	36	22	..	3	34	1	..	..	..	110	..	..	27	..	..
	1906	1	13	..	..	41	23	..	3	27	1	..	..	..	109	..	..	26	..	..
	1907	1	14	..	..	48	28	..	3	45	1	..	..	..	140	..	..	27	..	..
	1908	2	13	..	..	53	30	..	3	33	1	..	..	..	135	..	..	29	..	..
	1909	2	12	..	..	56	35	..	3	6	1	..	..	..	118	..	..	23	..	..
United Provinces of Agra and Oudh	1905	87	9	..	..	1	..	..	..	..	..	1	1	..	99	..	..	9	..	3
	1906	115	10	..	..	1	..	..	..	..	..	1	1	..	128	..	..	8	..	4
	1907	120	11	..	..	1	..	..	..	..	..	1	1	..	134	..	..	7	..	3
	1908	127	12	..	..	1	..	..	..	..	..	1	1	..	143	..	..	8	..	4
	1909	132	13	..	..	1	..	..	..	..	..	..	1	1	147	..	..	8	..	..
Ajmer-Merwara	1905	2	1	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..
	1906	1	1	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..
	1907	3	2	..	..	..	..	..	..	..	..	..	..	..	3	..	..	1	..	..
	1908	3	2	..	..	..	..	..	..	..	..	..	..	..	7	..	..	1	..	..
	1909	3	2	..	..	..	..	..	..	..	..	..	..	..	7	..	..	..	..	..
Panjab	1905	148	8	..	..	..	..	..	..	..	..	1	1	..	158	..	..	9	..	..
	1906	165	8	..	..	..	..	..	..	..	..	1	1	..	175	..	..	10	..	..
	1907	174	8	..	..	..	..	..	..	..	..	1	1	..	184	..	..	8	..	..
	1908	182	7	..	..	..	..	..	..	..	..	1	1	..	192	..	..	9	..	..
	1909	184	7	..	..	..	..	..	..	..	..	1	1	..	148	..	..	9	..	..
North-West Frontier Province	1905	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..
	1906	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..
	1907	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..
	1908	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..
	1909	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..
Bombay	1905	233	138	1	1	..	..	..	..	3	..	..	3	..	381	..	..	14	..	1
	1906	261	149	1	1	..	..	..	..	3	..	..	3	..	420	..	..	12	..	1
	1907	319	158	1	1	..	..	..	..	3	..	..	3	..	487	..	..	15	..	1
	1908	330	165	..	1	..	..	..	..	3	..	..	3	..	513	..	..	19	..	1
	1909	358	165	..	1	..	..	..	..	3	..	..	3	..	532	..	..	20	..	1
Central Provinces and Berar	1905	240	9	..	..	..	..	..	..	..	..	..	..	..	249	..	..	..	..	..
	1906	326	9	..	..	..	..	..	..	..	..	..	..	..	326	..	..	..	..	..
	1907	326	10	..	..	..	..	..	..	..	..	..	..	..	336	..	..	..	..	..
	1908	374	11	..	..	..	..	..	..	..	..	..	..	..	375	..	..	..	..	..
	1909	407	12	..	..	..	..	..	..	..	..	..	..	..	419	..	..	..	..	..
Madras	1905	17	11	2	..	1	..	..	..	..	..	..	..	..	31	1	..	6	..	..
	1906	26	11	2	..	1	..	..	1	..	..	..	..	..	41	1	..	6	..	..
	1907	28	11	3	..	..	..	..	1	..	..	..	..	..	45	1	..	6	..	..
	1908	45	11	3	..	..	..	..	1	..	..	..	..	..	62	1	..	7	..	..
	1909	57	11	3	..	..	..	..	2	..	..	..	..	..	75	1	..	8	..	..
TOTAL	1905	732	189	3	1	2	38	..	4	48	4	2	5	1	1,115	1	..	69	4	..
	1906	900	201	3	1	2	43	..	5	41	4	2	5	3	1,319	1	..	67	5	1
	1907	976	213	4	1	2	51	..	5	59	4	2	5	3	1,459	1	1	70	4	5
	1908	1,081	222	2	1	3	56	..	5	44	4	2	4	4	1,557	1	1	82	5	5
	1909	1,205	222	3	1	3	59	3	6	10	4	1	4	3	1,570	1	1	82	1	5

(a) Includes Engineering workshops  
(b) In two of these pressing of fibre is done

BRITISH INDIA in each year from 1905 to 1909 ,  
BY COMPANIES OR INDIVIDUALS  
by Mechanical power

III—TRANSPORT								IV—FOOD, DRINK, AND TOBACCO													PROVINCE
Mica splitting factories	Petroleum refineries	Miscellaneous	TOTAL	Dockyards	Railway workshops and other factories	Tramway works	TOTAL	Biscuit factories	Breweries	Coffee works	Dairy farms	Distilleries	Flour mills	Ice, mineral and grated water factories	Rice mills	Sugar factories	Tobacco factories	Miscellaneous	TOTAL		
1	5	..	80	15	49	6	69	2	10	14	1	5	28	11	148	17	..	1	232	1905	
..	5	..	79	15	49	5	69	1	10	14	1	5	27	10	152	18	1	2	241	1906	
1	5	..	87	17	56	8	81	1	10	14	1	6	32	10	190	23	3	2	292	1907	
1	6	1	102	18	58	6	82	1	10	18	1	8	35	14	201	23	3	3	312	1908	
..	7	1	98	15	58	8	81	2	10	12	1	6	34	18	210	22	5	3	318	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1909	

(c) Includes Port Commissioners' workshops  
(d) Includes Port Trust Workshop and Steam Navigation Company's workshop  
(e) Port Trust workshop

FACTORIES AND OTHER  
LARGE INDUSTRIES,

No. 2-A—continued

NUMBER of DIFFERENT INDUSTRIES in BRITISH INDIA

FACTORIES OWNED AND WORKED BY

Part I—Worked

PROVINCE	V—CHEMICALS, DYES, ETC.							VI—PAPER AND PRINTING				VII—PROCESSERS RELATING TO WOOD,								
	Bone crushing mills	Chemical works	Dye works	Indigo factories	Lac factories	Oil mills	Soap factories	TOTAL	Paper mills	Printing presses	Miscellaneous.	TOTAL	Agricultural workshops	Robbin factory	Carpentry	Cement works	Coach building works	Furniture workshops	Glass works	Potteries
Burma	1905 1906 1907 1908 1909	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	4 4 4 4 4	.. .. .. .. ..	4 4 4 4 4	.. .. .. .. ..	4 4 4 4 4	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..
Eastern Bengal and Assam	1905 1906 1907 1908 1909	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	.. .. .. .. ..	1 1 2 1 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1
Bengal	1905 1906 1907 1908 1909	3 4 4 4 5	1 1 1 1 1	1 1 1 1 1	51 52 51 50 50	3 3 3 3 3	6 6 11 10 10	1 1 1 1 1	66 68 74 60 73	3 3 3 3 3	18 20 23 25 (a) 11	21 23 23 29 16	.. .. .. .. ..	.. .. .. .. ..	1 1 1 2 2	1 1 1 1 1	3 3 3 3 3	1 1 1 1 1	.. .. .. .. ..	1 1 1 1 2
United Provinces of Agra and Oudh	1905 1906 1907 1908 1909	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	1 1 1 1 1	2 4 4 4 3	1 1 1 1 1	7 7 8 7 8	.. .. .. .. ..	8 8 8 8 9	.. .. .. .. 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1
Ajmer-Merwara	1905 1906 1907 1908 1909	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 2 2 2 2	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..
Panjab	1905 1906 1907 1908 1909	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	2 2 2 2 2	2 2 2 2 2	.. .. .. .. ..	8 8 10 10 8	.. .. .. .. ..	8 8 10 10 8	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..
North-West Frontier Province	1905 1906 1907 1908 1909	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..
Bombay	1905 1906 1907 1908 1909	6 5 4 4 4	.. .. .. .. ..	4 4 4 4 4	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	12 11 10 11 12	2 2 2 2 2	10 11 14 16 16	.. .. .. .. ..	12 13 16 18 18	.. .. .. .. 1	.. .. .. .. 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1
Central Provinces and Berar	1905 1906 1907 1908 1909	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	.. .. .. .. ..	1 1 1 1 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	2 2 2 2 2
Madras	1905 1906 1907 1908 1909	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	.. .. .. .. ..	16 16 16 16 19	.. .. .. .. ..	16 16 16 16 19	.. .. .. .. ..	.. .. .. .. ..	2 2 2 2 3	1 1 1 1 1	2 2 2 2 2	1 1 1 1 1	.. .. .. .. ..	.. .. .. .. ..
TOTAL	1905 1906 1907 1908 1909	9 8 8 8 10	1 2 2 2 2	6 6 6 7 8	51 51 52 51 60	8 8 8 8 8	13 16 23 18 21	4 5 5 5 5	37 91 90 74 90	6 6 6 6 6	65 69 78 81 68	71 75 84 88 75	.. .. .. .. 2	.. .. .. .. 1	3 8 8 4 5	2 1 1 1 1	7 7 7 8 7	4 5 5 5 4	1 1 1 1 1	4 4 4 4 5

(a) Incomplete  
(b) Includes coach building also  
(c) Blacksmithy, weaving, and rattan work is also done in one of the factories and Iron works in another

in each year from 1905 to 1909—continued

COMPANIES OR INDIVIDUALS—continued

by Mechanical power—continued

STONE AND GLASS				VIII—PROCESSERS CONNECTED WITH SKINS AND HIDES			IX—MISCELLANEOUS										GRAND TOTAL	PROVINCE
Saw mills	Stone works	Tile factories	TOTAL	Leather works	Tanneries	TOTAL	Brush works	Engineering workshops	Forage presses	Gas works	Jewellery workshops	Kerosene tinning and packing works	Match factories	Miscellaneous not enumerated	TOTAL			
72	..	1	73	..	..	..	..	..	..	..	..	..	..	..	..	286	1905 1906 1907 1908 1909	Burma
80	..	1	81	..	..	..	..	..	..	..	..	..	..	..	..	254		
86	..	1	87	..	..	..	..	..	..	..	..	..	..	..	..	278		
92	..	1	93	..	..	..	..	..	..	..	..	..	..	..	..	297		
88	..	1	89	..	..	..	..	..	..	..	..	..	..	..	..	298		
9	..	..	12	..	..	..	..	..	..	..	..	1	..	..	1	101	1905 1906 1907 1908 1909	Eastern Bengal and Assam
9	..	..	12	..	..	..	..	..	..	..	..	1	..	..	1	125		
9	..	..	13	..	..	..	..	..	..	..	..	1	..	..	1	148		
9	..	..	11	..	..	..	..	..	..	..	..	1	..	..	1	135		
9	..	..	12	..	..	..	..	..	..	..	..	1	..	..	2	146		
1	1	..	9	..	..	..	..	(d)	..	1	..	4	..	4	9	288	1905 1906 1907 1908 1909	Bengal
1	1	..	11	..	..	..	..	(d)	..	1	..	3	..	4	12	284		
1	1	..	10	..	..	..	..	(d)	..	1	..	3	..	3	12	344		
1	1	..	14	..	..	..	..	(d)	..	1	..	4	1	9	17	317		
..	..	..	..	..	..	..	..	(d)	..	..	..	..	..	..	..	316		
..	..	..	4	..	..	..	..	(d)	..	..	..	..	..	..	2	145	1905 1906 1907 1908 1909	United Provinces of Agra and Oudh
..	..	..	5	..	..	..	..	(d)	..	..	..	..	..	..	3	180		
..	..	..	5	..	..	..	..	(d)	..	..	..	..	..	..	4	192		
..	..	..	5	..	..	..	..	(d)	..	..	..	..	..	..	3	205		
..	..	..	5	..	..	..	..	(d)	..	..	..	..	..	1	5	208		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	1905 1906 1907 1908 1909	Ajmer-Merwar
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12		
..	..	1	1	..	..	..	..	(d)	..	..	..	..	..	..	..	209	1905 1906 1907 1908 1909	Panjab
..	..	1	2	..	..	..	..	(d)	..	..	..	..	..	..	..	223		
..	..	1	2	..	..	..	..	(d)	..	..	..	..	..	..	..	240		
..	..	1	1	..	..	..	..	(d)	..	..	..	..	..	..	..	249		
..	..	..	..	..	..	..	..	(d)	..	..	..	..	..	..	..	(e) 194		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1905 1906 1907 1908 1909	North-West Frontier Province
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3		
..	..	..	3	..	..	..	..	(d)	..	..	..	..	..	..	..	452	1905 1906 1907 1908 1909	Bombay
..	..	..	3	..	..	..	..	(d)	..	..	..	..	..	..	..	491		
..	..	..	3	..	..	..	..	(d)	..	..	..	..	..	..	..	569		
..	..	..	5	..	..	..	..	(d)	..	..	..	..	..	..	..	609		
..	..	..	6	..	..	..	..	(d)	..	..	..	..	..	..	..	635		
..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	259	1905 1906 1907 1908 1909	Central Provinces and Berar
..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	347		
..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	349		
..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	390		
..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	432		
1	..	16	23	..	1	1	..	(d)	..	1	1	1	..	1	4	121	1905 1906 1907 1908 1909	Madras
1	..	16	23	..	1	1	..	(d)	..	1	1	1	..	1	4	132		
1	..	18	25	..	1	1	..	(d)	..	1	1	1	..	1	4	161		
1	..	19	28	..	..	..	..	(d)	..	1	1	1	..	1	5	190		
1	..	15	22	..	..	..	..	(d)	..	1	1	1	..	1	5	205		
95	1	21	128	2	4	6	2	..	..	4	1	9	2	7	25	1,613	1905 1906 1907 1908 1909	TOTAL
98	1	23	138	3	4	7	2	..	..	4	1	10	3	7	27	2,046		
99	1	29	149	3	4	7	2	..	1	4	1	12	3	10	33	2,291		
103	1	29	156	3	4	7	2	1	2	4	1	12	4	13	39	2,415		
102	1	25	154	5	3	8	2	3	2	4	1	13	5	16	46	2,449		

(d) Included in Iron and Brass foundries  
(e) Exclusive of 12 factories which remained closed

FACTORIES AND OTHER  
LARGE INDUSTRIES

( 10 )

No. 2-A—continued

NUMBER of DIFFERENT INDUSTRIES in BRITISH INDIA

FACTORIES OWNED AND WORKED BY

Part II—Not worked

PROVINCE	I—TEXTILES										II—MINE		
	Cotton ginning, cleaning, and pressing factories	Cotton spinning and weaving establishments not classed as mills	Hemp mills	Jute presses	Rope works	Silk filatures	Silk mills	Tent factories	Woolen carpet weaving establishments not classed as mills	Miscellaneous	TOTAL	Colliery workshops	Iron and brass foundries
Burma	1905	1	..	..	..	..	..	..	..	1	..	..	
	1906	..	..	..	..	..	..	..	..	..	..	..	
	1907	..	..	..	..	..	..	..	..	3	..	..	
	1908	..	..	..	..	..	..	..	..	8	..	..	
	1909	..	..	..	..	..	..	..	..	8	..	..	
Eastern Bengal and Assam	1905	..	..	..	30	..	..	..	..	80	..	..	
	1906	..	..	..	15	..	..	..	..	16	..	..	
	1907	..	..	..	21	..	..	..	..	24	..	..	
	1908	..	..	..	23	..	..	..	..	26	..	..	
	1909	..	..	..	25	..	1	..	..	29	..	..	
Bengal	1905	..	2	..	..	14	..	..	..	16	..	..	
	1906	..	4	..	..	26	..	..	..	30	..	7	
	1907	..	3	..	2	14	..	..	..	19	..	..	
	1908	..	3	..	1	19	..	..	..	23	..	..	
	1909	..	4	..	1	49	..	..	..	64	1	6	
United Provinces of Agra and Oudh	1905	16	..	..	..	..	..	..	..	20	..	..	
	1906	10	..	..	..	..	..	..	4	17	..	..	
	1907	2	..	..	..	..	..	..	2	6	..	..	
	1908	..	..	..	..	..	..	..	2	7	..	..	
	1909	..	..	..	..	..	..	1	4	8	..	..	
Ajmer-Merwara	1905	1	..	..	..	..	..	..	..	1	..	..	
	1906	1	..	..	..	..	..	..	..	1	..	..	
	1907	..	..	..	..	..	..	..	..	..	..	..	
	1908	..	..	..	..	..	..	..	..	..	..	..	
	1909	..	..	..	..	..	..	..	..	..	..	..	
Panjab	1905	8	..	..	..	..	1	..	..	20	..	..	
	1906	6	..	..	..	..	1	11	..	15	..	..	
	1907	..	..	..	..	..	1	8	..	10	..	..	
	1908	..	..	..	..	..	1	10	..	11	..	..	
	1909	..	..	..	..	..	1	8	..	9	..	..	
Bombay	1905	44	..	1	..	..	..	..	..	46	..	..	
	1906	35	..	..	..	..	1	..	..	37	..	..	
	1907	20	1	..	..	..	1	1	..	24	..	..	
	1908	16	1	..	..	..	..	1	1	19	..	..	
	1909	..	1	..	..	..	..	..	1	2	..	..	
Central Provinces and Berar	1905	83	..	..	..	..	..	..	..	83	..	..	
	1906	91	..	..	..	..	..	..	..	91	..	..	
	1907	78	..	..	..	..	..	..	..	78	..	..	
	1908	..	..	..	..	..	..	..	..	..	..	..	
	1909	..	..	..	..	..	..	..	..	..	..	..	
Madras	1905	8	1	..	..	..	..	..	..	9	..	..	
	1906	11	..	..	..	..	..	..	..	16	..	..	
	1907	2	5	..	..	4	..	..	..	9	..	..	
	1908	7	6	..	..	1	..	1	..	15	..	..	
	1909	4	5	..	..	1	..	1	..	11	..	..	
Banalore (Civil and Military Station)	1905	..	..	..	..	..	..	..	..	..	..	..	
	1906	..	..	..	..	..	..	..	..	..	..	..	
	1907	..	..	..	..	..	..	..	..	..	..	..	
	1908	..	..	..	..	..	..	..	..	..	..	..	
	1909	..	..	..	..	..	..	..	..	..	..	..	
British Baluchistan	1905	..	..	..	..	..	..	..	..	..	..	..	
	1906	..	..	..	..	..	..	..	..	..	..	..	
	1907	..	..	..	..	..	..	..	..	..	..	..	
	1908	..	..	..	..	..	..	..	..	..	..	..	
	1909	..	..	..	..	..	..	..	..	..	..	..	
TOTAL	1905	160	3	1	30	..	14	2	..	11	4	225	7
	1906	155	5	..	15	4	26	2	..	10	7	224	..
	1907	97	9	..	23	1	14	2	..	13	6	165	5
	1908	26	10	..	24	1	19	1	..	14	9	104	3
	1909	7	10	..	26	1	50	1	1	18	7	116	5

FACTORIES AND OTHER  
LARGE INDUSTRIES

in each year from 1905 to 1909—continued

COMPANIES OR INDIVIDUALS—continued

by Mechanical power

RAILS					III—TRANSPORT			IV—FOOD, DRINK, AND TOBACCO						PROVINCE
Lock and Cutlery works	Mica spitting factories	Saltpetre refineries	Miscellaneous	TOTAL	Dockyards	Railway workshops and other factories	TOTAL	Breweries	Coffee works	Dairy farms	Distilleries	Fish curing yards	Flour mills	
..	..	..	..	..	..	..	..	1	..	..	..	..	..	1905 } 1906 } 1907 } Burma 1908 } 1909 }
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905 } 1906 } 1907 } Eastern Bengal and 1908 } Assam 1909 }
..	1	..	..	11	..	3	5	1	..	1	..	..	..	1905 } 1906 } Bengal 1907 } 1908 } 1909 }
..	..	1	..	1	..	3	3	2	..	..	..	..	..	1905 } 1906 } United Provinces of Agra 1907 } and Oudh 1908 } 1909 }
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905 } 1906 } Ajmer-Merwar 1907 } 1908 } 1909 }
..	..	..	..	..	..	..	..	5	..	..	..	..	4	1905 } 1906 } Panjab 1907 } 1908 } 1909 }
..	..	..	..	..	..	..	5	..	..	..	..	..	1	1905 } 1906 } Bombay 1907 } 1908 } 1909 }
..	..	..	..	..	..	..	1	..	..	..	..	..	..	1905 } 1906 } Central Provinces and 1907 } Berar 1908 } 1909 }
..	10	..	..	10	..	3	3	2	..	..	1	..	..	1905 } 1906 } Madras 1907 } 1908 } 1909 }
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1905 } 1906 } Bangalore (Civil and 1907 } Military Station) 1908 } 1909 }
..	..	..	..	..	..	..	..	1	..	..	..	..	..	1905 } 1906 } British Baluchistan 1907 } 1908 } 1909 }
..	2	5	..	14	2	15	17	17	2	1	..	4	5	1905 }
..	10	4	..	10	2	12	14	16	2	2	..	2	2	1906 }
..	14	5	..	22	2	9	11	13	..	1	..	2	1	1907 } TOTAL
..	3	3	2	11	2	10	12	14	1	1	..	5	1	1908 }
3	3	4	1	17	..	6	6	14	1	1	..	3	..	1909 }

(a) Port Commissioners' workshops  
(b) Includes one Port Commissioners' workshop

FACTORIES AND OTHER  
LARGE INDUSTRIES

( 12 )

No. 2-A—concluded

NUMBER of DIFFERENT INDUSTRIES in BRITISH INDIA

FACTORIES OWNED AND WORKED BY

Part II—Not worked

PROVINCE		IV—FOOD, DRINK, AND TOBACCO—continued					V—CHEMICALS, DYES, ETC.					VI—	
		Rice mills	Sugar factories	Tobacco factories	Miscellaneous	TOTAL	Bone crushing mills	Dye works	Indigo factories	Lac factories	Oil mills and wells	TOTAL	PAPER
Burma	1905	..	..	..	..	1	..	..	..	..	..	..	..
	1906	..	..	..	..	1	..	..	..	..	..	..	..
	1907	..	..	..	..	1	..	..	..	..	..	..	..
	1908	..	..	..	..	1	..	..	..	..	..	..	..
	1909	..	..	..	..	1	..	..	..	..	..	..	..
Eastern Bengal and Assam	1905	..	1	..	..	1	..	..	1	..	1	..	..
	1906	..	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
Bengal	1905	..	..	..	1	3	..	..	55	31	2	90	..
	1906	..	1	..	1	5	..	..	51	23	2	76	..
	1907	..	..	..	..	5	..	..	53	27	1	121	..
	1908	..	..	..	..	4	..	..	35	29	..	64	..
	1909	..	..	1	..	4	..	..	37	53	..	90	..
United Provinces of Agra and Oudh	1905	..	..	..	..	2	..	..	70	38	..	108	..
	1906	..	..	..	..	2	..	..	65	35	..	100	..
	1907	..	..	..	..	2	..	..	57	42	..	99	..
	1908	..	..	..	..	2	..	..	41	50	..	91	..
	1909	..	1	..	..	2	..	..	35	112	..	147	..
Ajmer-Merwara	1905	..	..	..	..	..	..	..	..	..	..	..	..
	1906	..	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
Panjab	1905	..	..	..	..	9	..	..	..	..	..	..	..
	1906	..	..	..	..	5	..	..	..	..	..	..	..
	1907	..	..	..	..	5	..	..	..	..	..	..	..
	1908	..	..	..	..	5	..	..	..	..	..	..	..
	1909	..	..	..	..	5	..	..	..	..	..	..	..
Bombay	1905	..	..	1	..	2	..	..	..	..	..	..	1
	1906	..	..	1	..	2	..	..	..	..	..	..	1
	1907	..	..	1	..	2	1	..	..	..	..	..	1
	1908	..	..	1	..	2	..	..	..	..	..	..	1
	1909	..	..	..	..	..	..	..	..	..	..	..	1
Central Provinces and Berar	1905	..	..	..	..	1	..	..	..	..	..	..	..
	1906	..	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	2	..	..
	1909	..	..	..	..	..	2	..	..	..	..	..	..
Madras	1905	2	..	2	..	14	..	..	4	5	9	..	..
	1906	6	..	2	..	14	..	..	2	3	5	..	..
	1907	3	..	2	..	9	..	..	2	2	4	..	..
	1908	1	..	2	..	11	..	..	4	4	4	..	..
	1909	1	..	2	..	10	..	..	..	..	4	..	..
Bangalore (Civil and Military Station)	1905	..	..	..	..	4	..	..	..	..	..	..	..
	1906	..	..	..	..	4	..	..	..	..	..	..	..
	1907	..	..	..	..	1	..	..	..	..	..	..	..
	1908	..	..	..	..	1	..	..	..	..	..	..	..
	1909	..	..	..	..	1	..	..	..	..	..	..	..
British Baluchistan	1905	..	..	..	..	1	..	..	..	..	..	..	..
	1906	..	..	..	..	1	..	..	..	..	..	..	..
	1907	..	..	..	..	1	..	..	..	..	..	..	..
	1908	..	..	..	..	1	..	..	..	..	..	..	..
	1909	..	..	..	..	1	..	..	..	..	..	..	..
TOTAL	1905	2	1	3	1	37	..	..	130	69	9	208	1
	1906	6	1	4	..	35	..	..	118	58	5	181	1
	1907	3	1	3	..	24	..	..	112	109	1	222	1
	1908	1	1	3	..	27	1	2	80	79	..	162	2
	1909	1	1	4	..	25	..	..	76	165	..	241	2



in each year from 1905 to 1909—concluded  
 COMPANIES OR INDIVIDUALS—concluded  
 by Mechanical power—continued

AND PRINTING		VII—PROCESSES RELATING TO WOOD, STONE, AND GLASS					VIII—PROCESSES CONNECTED WITH SKINS AND HIDES			IX—MISCELLANEOUS			GRAND TOTAL	PROVINCE	
Printing presses	TOTAL	Glass factories	Saw mills	Stone factories	Tile factories	TOTAL	Leather works	Tanneries	TOTAL	Jewellery workshop	Miscellaneous not enumerated	TOTAL			
1	1	..	..	..	..	..	..	..	..	..	..	..	2	1905	Burma
1	1	..	..	..	..	..	..	..	..	..	..	..	3	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	4	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	4	1909	
..	..	..	..	..	1	1	..	..	..	..	..	..	33	1905	Eastern Bengal and Assam
..	..	..	..	..	1	1	..	..	..	..	..	..	17	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	24	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	26	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	29	1909	
5	5	..	1	8	29	32	..	..	..	..	1	1	8	1905	Bengal
4	4	..	..	8	44	47	..	..	1	..	1	1	174	1906	
1	1	..	1	7	49	57	..	..	1	..	3	1	211	1907	
..	..	..	..	11	45	57	..	..	1	..	3	1	163	1908	
..	..	..	8	10	50	68	..	..	1	..	4	4	227	1909	
..	..	..	..	1	..	1	..	..	..	..	..	..	137	1905	United Provinces of Agra and Oudh
..	..	1	..	..	..	2	..	..	..	..	..	..	127	1906	
..	..	1	..	..	..	1	..	..	..	..	..	..	112	1907	
..	..	1	..	..	4	5	..	1	..	..	..	..	104	1908	
..	..	1	..	..	..	5	..	1	..	..	..	..	172	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1905	Ajmer-Merwara
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1909	
3	3	1	..	..	1	1	..	..	..	..	1	1	33	1905	Panjab
3	3	1	..	..	11	12	..	..	..	..	1	1	23	1906	
3	3	1	..	..	5	6	..	..	..	..	..	..	32	1907	
2	2	..	..	..	22	22	..	..	..	..	1	1	26	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	41	1909	
1	1	..	..	..	..	..	..	..	..	..	5	5	60	1905	Bombay
1	1	..	..	..	..	..	..	..	..	..	10	10	55	1906	
1	1	..	..	..	1	1	..	..	..	..	9	9	42	1907	
..	..	..	..	..	4	4	..	..	1	..	9	9	43	1908	
..	..	..	..	..	4	4	..	..	..	..	7	7	19	1909	
..	..	..	..	..	2	2	..	..	..	..	..	..	86	1905	Central Provinces and Berar
..	..	..	..	..	1	1	..	..	..	..	..	..	93	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	75	1907	
1	1	..	..	..	1	1	..	..	..	..	..	..	4	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	2	1909	
..	..	1	..	..	..	1	..	9	9	1	1	2	47	1905	Madras
2	2	..	..	..	..	..	..	11	11	1	..	1	62	1906	
1	1	..	..	..	..	..	..	16	16	..	..	..	54	1907	
..	..	..	..	..	1	1	..	18	18	..	..	..	56	1908	
..	..	..	..	..	1	1	..	12	12	..	..	..	42	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	4	1905	Bangalore (Civil and Military Station)
..	..	..	..	..	..	..	..	..	..	..	..	..	4	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1905	British Baluchistan
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	1	1909	
12	13	2	..	4	32	38	..	9	9	1	8	9	572	1905	TOTAL
14	15	2	..	4	46	52	..	12	12	1	12	13	565	1906	
10	11	2	1	7	62	72	..	16	16	..	10	10	553	1907	
9	11	2	1	11	56	70	..	19	19	..	12	12	423	1908	
9	11	1	3	10	81	95	..	15	15	..	12	12	533	1909	









FACTORIES AND OTHER  
LARGE INDUSTRIES

( 18 )

No. 2-B—continued

NUMBER of PERSONS employed in DIFFERENT INDUSTRIES in

FACTORIES OWNED AND WORKED

Part II—Not worked

PROVINCE	I—TEXTILES										II—MIN				
	Cotton ginning, cleaning and pressing factories	Cotton spinning and weaving establishments not classed as mills	Hemp mills	Jute presses	Bope works	Silk filatures	Silk mills	Tent factories	Woolen carpet weaving establishments not classed as mills	Miscellaneous	TOTAL	Colliery workshops.	Iron and brass foundries	Lock and cutlery works	Misc spitting factories
Burma	1905	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1906	69	..	..	..	..	..	..	..	..	69	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	193	..	..	..	..	..	..	..	..	193	..	..	..	..
	1909	179	..	..	..	..	..	..	..	..	179	..	..	..	..
Eastern Bengal and Assam	1905	..	..	..	3,028	..	..	..	..	..	..	..	..	..	..
	1906	..	..	..	1,059	..	..	..	..	129	3,028	..	..	..	..
	1907	..	..	..	1,697	..	..	..	..	566	1,188	..	..	..	..
	1908	..	..	..	1,549	..	..	..	..	719	2,263	..	..	..	..
	1909	..	..	..	1,596	..	170	..	..	572	2,268	..	..	..	..
Bengal	1905	..	445	..	..	2,644	..	..	..	..	3,089	..	1,183	..	180
	1906	..	2,064	..	..	5,292	..	..	..	..	7,356	..	980	..	..
	1907	..	2,420	..	200	..	4,324	..	..	..	6,944	..	817	..	50
	1908	..	1,886	..	50	..	4,346	..	..	..	6,281	..	706	..	..
	1909	..	2,410	..	300	..	6,635	..	..	..	9,345	709	873	..	62
United Provinces of Agra and Oudh	1905	1,682	..	..	..	..	..	..	..	..	..	..	..	..	..
	1906	1,453	..	..	..	..	..	..	..	..	..	..	..	..	..
	1907	190	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	100	..	..	..	..	..	494	..
Ajmer-Merwara	1905	59	..	..	..	..	..	..	..	..	..	..	..	..	..
	1906	78	..	..	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Panjab	1905	781	..	..	..	..	..	..	..	..	..	..	..	..	..
	1906	484	..	..	..	..	250	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	200	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	175	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	180	..	..	..	..	..	..	..	..
Bombay	1905	3,649	..	70	..	..	..	..	..	..	..	..	..	..	..
	1906	2,508	..	..	..	..	55	..	..	..	..	..	..	..	..
	1907	1,519	900	..	..	..	60	..	..	..	..	..	..	..	..
	1908	969	200	..	..	..	57	..	..	..	..	..	..	..	..
	1909	..	200	..	..	..	..	..	..	..	..	..	..	..	..
Central Provinces and Berar	1905	6,569	..	..	..	..	..	..	..	..	..	..	..	..	..
	1906	7,283	..	..	..	..	..	..	..	..	..	..	..	..	..
	1907	5,832	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madras	1905	522	587	..	..	..	..	..	..	..	..	..	..	..	..
	1906	850	608	..	..	1,050	..	..	..	..	..	..	..	..	2,694
	1907	318	824	..	..	153	..	..	..	..	..	..	..	..	2,895
	1908	890	1,077	..	..	432	..	..	..	..	..	..	..	..	363
	1909	220	1,010	..	..	100	..	..	..	..	..	..	..	..	208
Bangalore (Civil and Military Station)	1905	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1906	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..
British Baluchistan	1905	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1906	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	1905	12,262	1,032	70	3,028	..	2,644	305	..	2,564	290	..	1,183	..	180
	1906	12,730	2,672	..	1,059	1,050	5,292	280	..	2,118	504	..	980	..	2,694
	1907	7,659	3,544	..	1,697	153	4,324	232	..	1,787	1,026	..	817	..	2,945
	1908	1,552	3,162	..	1,549	482	4,346	180	..	1,924	1,248	..	706	..	368
	1909	395	3,630	..	1,696	100	6,805	210	100	1,777	1,056	15,993	709	873	494

(a) Work done by contract

FACTORIES AND OTHER  
LARGE INDUSTRIES

BRITISH INDIA in each year from 1905 to 1909—continued  
BY COMPANIES OR INDIVIDUALS—continued  
by Mechanical power

SEALS			III—TRANSPORT			IV—FOOD, DRINK, AND TOBACCO					PROVINCE	
Sulphure refineries	Miscellaneous	TOTAL	Dockyards	Railway workshops and other factories	TOTAL	Breweries	Coffee works	Dairy farms	Distilleries	Fish curing yards		Flour mills
..	..	..	..	..	..	225	..	..	..	..	..	1905
..	..	..	..	..	..	182	..	..	..	..	..	1906
..	..	..	..	..	..	160	..	..	..	..	..	1907
..	..	..	..	..	..	131	..	..	..	..	..	1908
..	..	..	..	..	..	170	..	..	..	..	..	1909
..	..	..	..	..	..	..	..	..	..	..	..	1905
..	..	..	..	..	..	..	..	..	..	..	..	1906
..	..	..	..	..	..	..	..	..	..	..	..	1907
..	..	..	..	..	..	..	..	..	..	..	..	1908
..	..	..	..	..	..	..	..	..	..	..	..	1909
240	..	1,003	137	470	607	34	..	94	..	..	..	1905
90	..	1,070	142	450	592	33	..	90	..	..	50	1906
832	..	1,699	154	..	154	31	..	90	..	..	..	1907
423	..	1,129	167	378	645	72	..	86	..	..	..	1908
288	..	1,932	..	70	70	63	..	70	..	..	..	1909
58	..	58	..	438	438	68	..	..	..	..	..	1905
100	..	100	..	577	577	65	..	..	..	..	..	1906
300	..	300	..	81	81	72	..	..	..	..	..	1907
..	..	494	..	83	83	68	..	..	..	..	..	1908
..	..	..	..	581	581	62	..	..	..	..	..	1909
..	..	..	..	..	..	..	..	..	..	..	..	1905
..	..	..	..	..	..	..	..	..	..	..	..	1906
..	..	..	..	..	..	..	..	..	..	..	..	1907
..	..	..	..	..	..	..	..	..	..	..	..	1908
..	..	..	..	..	..	..	..	..	..	..	..	1909
410	..	410	..	..	..	354	..	..	..	..	309	1905
550	..	550	..	..	..	340	..	..	..	..	..	1906
895	..	895	..	..	..	340	..	..	..	..	..	1907
496	..	496	..	..	..	315	..	..	..	..	..	1908
100	..	100	..	..	..	334	..	..	..	..	..	1909
..	..	..	..	771	771	..	..	..	..	..	..	1905
..	..	..	..	315	315	..	..	..	..	..	..	1906
..	..	..	..	470	470	..	..	..	..	..	..	1907
..	..	..	..	340	340	..	..	..	..	..	..	1908
..	..	..	..	80	80	..	..	..	..	..	..	1909
..	216	216	..	..	..	..	..	..	..	..	..	1905
..	58	58	..	..	..	..	..	..	..	..	..	1906
..	..	..	..	152	152	..	..	..	..	..	..	1907
..	..	..	..	262	262	..	..	55	..	..	..	1908
..	..	..	..	65	65	..	..	..	..	..	..	1909
..	..	..	..	69	69	..	..	..	..	..	..	1905
..	..	..	..	66	66	..	..	..	..	..	..	1906
..	..	..	..	909	909	71	178	..	..	450	..	1905
..	..	2,094	..	502	502	55	129	..	52	350	..	1906
..	..	2,895	..	635	635	57	..	..	..	550	..	1907
..	..	368	..	537	537	56	261	..	..	684	..	1908
..	..	203	..	355	355	53	285	..	..	624	..	1909
..	..	..	..	..	..	155	..	..	..	..	..	1905
..	..	..	..	..	..	146	..	..	..	..	..	1906
..	..	..	..	..	..	130	..	..	..	..	..	1907
..	..	..	..	..	..	80	..	..	..	..	..	1908
..	..	..	..	..	..	76	..	..	..	..	..	1909
..	..	..	..	..	..	101	..	..	..	..	..	1905
..	..	..	..	..	..	98	..	..	..	..	..	1906
..	..	..	..	..	..	89	..	..	..	..	..	1907
..	..	..	..	..	..	98	..	..	..	..	..	1908
..	..	..	..	..	..	99	..	..	..	..	..	1909
708	..	2,071	137	2,740	2,877	1,008	178	94	52	450	361	1905
740	..	4,414	142	2,106	2,248	919	129	145	..	350	117	1906
1,527	..	5,289	154	1,251	1,405	888	..	90	..	550	90	1907
919	216	2,209	167	1,407	1,574	920	261	86	..	684	94	1908
388	58	2,792	..	1,162	1,162	857	265	70	..	624	..	1909

FACTORIES AND OTHER  
LARGE INDUSTRIES

No. 2-B--concluded

NUMBER OF PERSONS employed in DIFFERENT INDUSTRIES in  
FACTORIES OWNED AND WORKED  
Part II--Not worked

PROVINCE	IV--FOOD, DRINK, AND TOBACCO--continued					V--CHEMICALS, DYES, ETC.					VI--PAPER	
	Rice mills	Sugar factories	Tobacco factories	Miscellaneous	TOTAL	Bone crushing mills	Dye works	Indigo factories	Lac factories	Oil mills and wells	TOTAL	Paper mills
Burma	1905	..	..	..	225	..	..	..	..	..	..	..
	1906	..	..	..	182	..	..	..	..	..	..	..
	1907	..	..	..	160	..	..	..	..	..	..	..
	1908	..	..	..	131	..	..	..	..	..	..	..
	1909	..	..	..	170	..	..	..	..	..	..	..
Eastern Bengal and Assam	1905	..	75	..	75	..	..	(a)	..	..	..	..
	1906	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..
Bengal	1905	..	..	..	128	..	..	20,539	2,403	230	23,172	..
	1906	..	55	60	278	..	..	48,169	2,221	133	45,513	..
	1907	..	208	..	329	..	..	20,205	5,033	50	25,288	..
	1908	..	240	..	368	..	..	16,351	2,748	..	19,097	..
	1909	..	..	60	193	..	..	18,606	5,396	..	19,002	..
United Provinces of Agra and Oudh	1905	..	..	..	68	..	..	7,152	3,384	..	10,536	..
	1906	..	..	..	65	..	..	6,889	2,905	..	9,864	..
	1907	..	..	..	72	..	..	8,352	3,257	..	11,609	..
	1908	..	..	..	68	..	..	6,408	3,883	..	10,291	..
	1909	..	250	..	312	..	..	6,108	13,842	..	20,040	..
Ajmer-Merwara	1905	..	..	..	..	..	..	..	..	..	..	..
	1906	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..
Panjab	1905	..	..	..	668	..	..	..	..	..	..	..
	1906	..	..	..	340	..	..	..	..	..	..	..
	1907	..	..	..	349	..	..	..	..	..	..	..
	1908	..	..	..	315	..	..	..	..	..	..	..
	1909	..	..	..	334	..	..	..	..	..	..	..
Bombay	1905	..	..	63	115	..	..	..	..	..	..	30
	1906	..	..	109	187	..	..	..	..	..	..	30
	1907	..	..	75	174	..	..	..	..	..	..	30
	1908	..	..	75	169	..	..	..	..	..	125	60
	1909	..	..	..	..	125	..	..	..	..	..	57
Central Provinces and Berar	1905	..	..	..	55	..	..	..	..	..	..	..
	1906	..	..	..	..	..	..	..	..	..	..	..
	1907	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	100	..	..	..	100	..
	1909	..	..	..	..	..	..	..	..	..	..	..
Madras	1905	158	..	1,015	1,622	..	..	352	..	265	617	..
	1906	360	..	1,150	2,044	..	..	100	..	200	800	..
	1907	208	..	1,193	2,008	..	..	120	..	..	120	..
	1908	51	..	1,191	2,246	..	..	440	..	..	440	..
	1909	50	..	1,135	2,127	..	..	400	..	..	400	..
Bangalore (Civil and M.ilitary Station)	1905	..	..	..	155	..	..	..	..	..	..	..
	1906	..	..	..	146	..	..	..	..	..	..	..
	1907	..	..	..	130	..	..	..	..	..	..	..
	1908	..	..	..	80	..	..	..	..	..	..	..
	1909	..	..	..	76	..	..	..	..	..	..	..
British Baluchistan	1905	..	..	..	101	..	..	..	..	..	..	..
	1906	..	..	..	98	..	..	..	..	..	..	..
	1907	..	..	..	89	..	..	..	..	..	..	..
	1908	..	..	..	98	..	..	..	..	..	..	..
	1909	..	..	..	99	..	..	..	..	..	..	..
TOTAL	1905	158	75	1,078	3,452	..	..	28,048	5,787	495	34,325	30
	1906	360	55	1,300	3,875	..	..	50,148	5,186	333	55,667	30
	1907	208	208	1,268	3,311	..	..	28,677	8,280	50	37,017	30
	1908	51	240	1,286	3,504	125	100	23,199	6,629	..	30,053	60
	1909	50	250	1,195	3,311	..	..	20,204	19,238	..	39,442	57

(a) Closed



BRITISH INDIA in each year from 1905 to 1909—concluded  
BY COMPANIES OR INDIVIDUALS—concluded  
by Mechanical power—continued

AND PRINTING		VII—PROCESSES RELATING TO WOOD, STONE, AND GLASS					VIII—PROCESSES CONN- ECTED WITH SKINS AND HIDES			IX—MISCELLANEOUS			GRAND TOTAL	PROVINCE	
Printing presses	TOTAL	Glass factories	Saw mills	Stone factories	Tile factories	TOTAL	Leather works	Tanneries	TOTAL	Jewellery workshop	Miscellaneous not enumerated	TOTAL			
55	55	..	..	..	..	..	..	..	..	..	..	..	280	1905	Burma
56	56	..	..	..	..	..	..	..	..	..	..	..	307	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	140	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	324	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	349	1909	
..	..	..	..	..	160	160	..	..	..	..	..	..	3,263	1905	Eastern Bengal and Assam
..	..	..	..	..	150	150	..	..	..	..	..	..	1,338	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	2,263	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	2,268	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	2,338	1909	
345	345	..	..	1,675	7,098	8,773	..	..	..	..	63	63	37,780	1905	Bengal
305	305	..	..	1,750	9,800	11,550	..	125	125	..	89	89	66,878	1906	
150	150	..	167	1,165	9,025	10,367	..	..	..	..	60	60	44,981	1907	
134	134	..	334	1,991	8,236	10,561	..	60	60	..	320	320	36,525	1908	
84	84	..	800	1,619	6,851	8,770	..	60	60	..	570	570	40,016	1909	
288	238	..	..	61	..	61	..	..	..	..	..	..	13,371	1905	United Provinces of Agra and Oudh
271	271	243	..	55	..	298	..	..	..	..	..	..	13,333	1906	
244	244	120	..	..	..	120	..	..	..	..	..	..	12,776	1907	
225	225	120	..	..	..	120	..	..	..	..	..	..	11,068	1908	
417	417	254	..	..	581	885	..	110	110	..	..	..	23,402	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	59	1905	Ajmer-Merwara
..	..	..	..	..	..	..	..	..	..	..	..	..	78	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1909	
187	187	120	..	..	..	120	..	..	..	..	176	176	5,151	1905	Panjab
204	204	70	..	..	95	185	..	..	..	..	100	100	3,759	1906	
192	192	70	..	..	751	821	..	..	..	..	..	..	3,557	1907	
205	205	68	..	..	450	510	..	..	..	..	..	..	3,490	1908	
187	187	..	..	..	2,757	2,757	..	..	..	..	..	..	5,016	1909	
59	89	..	..	..	..	..	..	..	..	..	2,015	2,015	6,764	1905	Bombay
120	150	..	..	..	..	..	..	..	..	..	2,350	2,350	5,612	1906	
60	80	..	..	..	50	50	..	..	..	..	3,250	3,250	6,272	1907	
105	165	..	..	..	200	200	..	..	..	..	3,200	3,200	5,934	1908	
98	150	..	..	..	275	275	..	50	50	..	960	960	2,023	1909	
..	..	..	..	..	173	173	..	..	..	..	..	..	6,894	1905	Central Provinces and Berar
..	..	..	..	..	..	..	..	..	..	..	..	..	7,600	1906	
..	..	..	..	..	2,000	2,000	..	..	..	..	..	..	7,897	1907	
..	..	..	..	..	500	500	..	..	..	..	..	..	669	1908	
56	56	..	..	..	..	..	..	..	..	..	..	..	122	1909	
..	..	50	..	..	..	50	..	545	545	65	100	165	5,317	1905	Madras
120	120	..	..	..	..	..	..	1,346	1,346	55	..	55	9,569	1906	
135	135	..	..	..	..	..	..	1,508	1,508	..	165	165	8,666	1907	
84	84	..	..	..	50	50	..	2,080	2,080	..	180	180	7,933	1908	
84	84	..	..	..	50	50	..	1,409	1,409	..	..	..	6,063	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	155	1905	Bangalore (Civil and Military Station)
..	..	..	..	..	..	..	..	..	..	..	..	..	146	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	130	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	80	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	76	1909	
..	..	..	..	..	..	..	..	..	..	..	..	..	101	1905	British Baluchistan
..	..	..	..	..	..	..	..	..	..	..	..	..	98	1906	
..	..	..	..	..	..	..	..	..	..	..	..	..	89	1907	
..	..	..	..	..	..	..	..	..	..	..	..	..	93	1908	
..	..	..	..	..	..	..	..	..	..	..	..	..	99	1909	
884	914	170	..	1,736	7,431	9,387	..	545	545	65	2,354	2,419	79,135	1905	TOTAL
1,076	1,106	318	..	1,805	10,045	12,163	..	1,471	1,471	65	2,539	2,594	108,718	1906	
781	811	190	167	1,165	11,826	13,348	..	1,508	1,508	..	3,475	3,475	86,791	1907	
753	813	180	334	1,991	9,436	11,941	..	2,140	2,140	..	3,700	3,700	70,437	1908	
871	923	254	800	1,619	10,014	12,687	..	1,619	1,619	..	1,530	1,530	79,504	1909	

NUMBER of FACTORIES INSPECTED, average daily number of OPERATIVES EMPLOYED, the MANNER in which FACTORIES were WORKED, and the HOLIDAYS given in them, in BRITISH INDIA in each calendar year from 1905 to 1909

	TOTAL FOR ALL PROVINCES				
	1905	1906	1907	1908	1909
<b>1. NUMBER OF FACTORIES—</b>					
<i>inspected during the year—</i>					
Once . . . . .	223	251	240	223	258
Twice . . . . .	310	427	451	429	374
Three times . . . . .	222	350	350	397	416
More than three times . . . . .	716	656	781	837	1,003
<b>TOTAL</b>	<b>1,471</b>	<b>1,684</b>	<b>1,822</b>	<b>1,886</b>	<b>2,051</b>
<i>Not inspected during the year</i>					
	74	48	44	95	153
<b>TOTAL NUMBER OF FACTORIES</b>	<b>1,545</b>	<b>1,732</b>	<b>1,866</b>	<b>1,981</b>	<b>2,204</b>
<b>2. AVERAGE DAILY NUMBER OF OPERATIVES EMPLOYED—</b>					
<i>Adults—</i>					
Males . . . . .	501,227	546,693	576,767	606,296	619,015
Females . . . . .	98,431	102,796	103,764	107,709	114,455
<b>TOTAL</b>	<b>599,658</b>	<b>649,489</b>	<b>680,531</b>	<b>714,005</b>	<b>733,470</b>
<i>Children—</i>					
Males . . . . .	32,171	35,112	41,977	42,786	43,454
Females . . . . .	5,807	6,111	7,270	9,359	8,986
<b>TOTAL</b>	<b>37,978</b>	<b>41,223</b>	<b>49,247</b>	<b>52,145</b>	<b>52,440</b>
<b>AVERAGE DAILY NUMBER</b>	<b>632,636</b>	<b>690,712</b>	<b>729,778</b>	<b>766,150</b>	<b>785,910</b>
<b>3. NUMBER OF FACTORIES WORKED BY—</b>					
Shifts or sets . . . . .	316	320	382	400	462
Midday stoppages . . . . .	984	945	1,130	1,183	1,189
Shifts and midday stoppages . . . . .	195	433	322	308	366
Otherwise . . . . .	39	39	32	28	64
<b>TOTAL NUMBER OF FACTORIES</b>	<b>1,534</b>	<b>1,737</b>	<b>1,866</b>	<b>1,919</b>	<b>2,081</b>
<b>4. NUMBER OF FACTORIES—</b>					
<i>In which a general holiday is ordinarily given—</i>					
On Sundays . . . . .	1,133	1,253	1,294	1,348	1,410
.. varying week days . . . . .	305	384	437	441	508
<i>Exempted—</i>					
Under section 5 B (2) (c) . . . . .	56	59	68	70	78
.. .. . (d) . . . . .	..	..	..	..	2
<i>Worked otherwise, that is, not falling under one of the previous heads</i>	40	41	70	65	83
<b>TOTAL NUMBER OF FACTORIES</b>	<b>1,534</b>	<b>1,737</b>	<b>1,867</b>	<b>1,924</b>	<b>2,081</b>

## No. 3-A

NUMBER of FACTORIES INSPECTED, average daily number of OPERATIVES EMPLOYED, the MANNER in which FACTORIES were WORKED, and the HOLIDAYS given in them, in each PROVINCE, in each calendar year from 1905 to 1909

	BURMA					EASTERN BENGAL AND ASSAM				
	1905	1906	1907	1908	1909	1905	1906	1907	1908	1909
<b>NUMBER OF FACTORIES—</b>										
<i>Inspected during the year—</i>										
Once . . . . .	98	40	8	31	31	26	39	46	19	17
Twice . . . . .	69	129	153	111	104	42	53	41	41	44
Three times . . . . .	5	44	62	85	95	11	2	13	17	41
More than three times . . . . .	6	5	19	24	26	3	3	3	16	23
<b>TOTAL</b>	178	218	242	251	256	82	97	103	96	125
<i>Not inspected during the year</i>	26	1	1	4	11	..	2	5	5	12
<b>TOTAL NUMBER OF FACTORIES</b>	204	219	(a) 243	(b) 255	267	82	99	108	101	137
<b>AVERAGE DAILY NUMBER OF OPERATIVES EMPLOYED—</b>										
<i>Adults—</i>										
Males . . . . .	30,723	29,901	34,869	39,427	42,511	11,886	16,508	16,985	17,545	21,929
Females . . . . .	649	652	812	889	894	684	787	980	903	1,207
<b>TOTAL</b>	31,372	30,553	35,681	40,316	43,405	12,570	17,293	17,965	18,448	23,136
<i>Children—</i>										
Males . . . . .	124	313	244	243	533	559	640	513	486	540
Females . . . . .	35	..	40	28	60	63	69	69	61	69
<b>TOTAL</b>	159	313	284	271	593	622	709	582	547	609
<b>AVERAGE DAILY NUMBER</b>	31,531	30,866	35,965	40,587	43,998	13,192	18,002	18,547	18,995	23,745
<b>NUMBER OF FACTORIES WORKED BY—</b>										
Shifts or sets . . . . .	102	99	133	138	137	13	28	26	33	31
Midday stoppages . . . . .	95	69	105	109	123	36	44	57	48	53
Shifts and midday stoppages . . . . .	7	51	5	8	7	1	4	3	1	7
Otherwise . . . . .	..	..	..	..	..	24	23	22	19	41
<b>TOTAL NUMBER OF FACTORIES</b>	204	219	(a) 243	(b) 255	267	74	99	108	101	(c) 132
<b>NUMBER OF FACTORIES—</b>										
<i>In which a general holiday is ordinarily given—</i>										
On Sundays . . . . .	198	195	224	211	221	36	57	52	38	50
„ varying week days . . . . .	1	19	13	37	35	..	..	..	..	4
<i>Exempted—</i>										
Under section 5 B (2) (c) . . . . .	5	5	6	7	11	5	5	4	5	4
„ „ „ (d) . . . . .	..	..	..	..	..	..	..	..	..	..
<i>Worked otherwise, that is, not falling under one of the previous heads</i>	..	..	..	..	..	33	37	52	59	74
<b>TOTAL NUMBER OF FACTORIES</b>	204	219	(a) 243	(b) 255	267	74	99	108	101	(c) 132

(a) Excludes 18 factories which did not work during the year

(b) „ 24 „ „ „ „ „ „ „ „ „ „

(c) „ 5 „ „ „ „ „ „ „ „ „ „

No. 3-A--continued

NUMBER of FACTORIES INSPECTED, average daily number of OPERATIVES EMPLOYED, the MANNER in which FACTORIES were WORKED, and the HOLIDAYS given in them, in each PROVINCE, in each calendar year from 1905 to 1909--continued

	BENGAL					UNITED PROVINCES of AGRA and OUDH				
	1905	1906	1907	1908	1909	1905	1906	1907	1908	1909
<b>NUMBER OF FACTORIES—</b>										
<i>Inspected during the year—</i>										
Once . . . . .	3	5	8	5	15	2	2	8	18	16
Twice . . . . .	27	26	13	39	16	12	19	21	42	22
Three times . . . . .	35	77	71	73	33	29	33	40	29	47
More than three times . . . . .	119	82	109	100	181	88	100	84	63	85
<b>TOTAL</b> . . . . .	184	190	201	217	245	131	154	153	152	170
<i>Not inspected during the year</i> . . . . .	..	..	3	7	7	2	..	4	5	3
<b>TOTAL NUMBER OF FACTORIES</b> . . . . .	184	190	(a) 203	224	252	133	154	157	157	173
<b>AVERAGE NUMBER OF OPERATIVES EMPLOYED—</b>										
<i>Adults—</i>										
Males . . . . .	184,774	210,018	228,674	236,402	239,994	38,353	40,613	42,809	42,569	42,655
Females . . . . .	27,654	31,864	35,261	37,080	40,034	4,160	5,316	5,621	5,091	5,619
<b>TOTAL</b> . . . . .	212,428	241,882	263,935	273,482	280,028	42,513	45,929	48,430	47,660	48,274
<i>Children—</i>										
Males . . . . .	19,167	21,051	25,511	24,318	25,012	1,682	1,799	1,767	2,230	2,293
Females . . . . .	3,130	3,272	4,159	4,467	4,649	43	85	67	52	50
<b>TOTAL</b> . . . . .	22,297	24,323	29,670	28,785	29,662	1,725	1,880	1,834	2,282	2,343
<b>AVERAGE DAILY NUMBER</b> . . . . .	234,725	266,205	293,605	302,267	309,680	44,238	47,809	50,264	49,942	50,617
<b>NUMBER OF FACTORIES WORKED BY—</b>										
Shifts or sets . . . . .	88	82	93	94	111	21	22	25	19	33
Midday stoppages . . . . .	84	92	97	109	120	89	99	102	109	110
Shifts and midday stoppages . . . . .	7	9	9	12	10	22	31	29	29	28
Otherwise . . . . .	5	7	4	4	8	1	2	1	..	2
<b>TOTAL NUMBER OF FACTORIES</b> . . . . .	184	190	(a) 203	(b) 219	(c) 249	133	154	157	157	(c) 173
<b>NUMBER OF FACTORIES—</b>										
<i>In which a general holiday is ordinarily given—</i>										
On Sundays . . . . .	147	156	167	181	201	105	126	122	132	139
• varying week days . . . . .	3	..	1	1	3	26	26	32	23	30
<i>Exempted—</i>										
Under section 5 B (2) (c) . . . . .	31	31	32	41	42	2	2	3	2	4
" " " " (d) . . . . .	..	..	..	..	2	..	..	..	..	..
<i>Worked otherwise, that is, not falling under one of the previous heads</i> . . . . .	3	3	3	1	1	..	..	..	..	..
<b>TOTAL NUMBER OF FACTORIES</b> . . . . .	184	190	(a) 203	224	(c) 249	133	154	157	157	(c) 173

(a) Excludes 1 factory for which information was not available  
 (b) " 5 factories where the system of stoppage is not in force  
 (c) " 2 factories which remained closed and another for which information was not available.

## No. 3-A—continued

NUMBER of FACTORIES INSPECTED, average daily number of OPERATIVES EMPLOYED, the MANNER in which FACTORIES were WORKED, and the HOLIDAYS given in them, in each PROVINCE, in each calendar year from 1905 to 1909—continued

	AJMER-MERWARA					PANJAB				
	1905	1906	1907	1908	1909	1905	1906	1907	1908	1909
<b>NUMBER OF FACTORIES—</b>										
<i>Inspected during the year—</i>										
Once	1	2	2	4	4	50	56	50	44	81
Twice	..	..	3	2	1	54	48	76	61	58
Three times	..	..	..	1	..	34	42	43	52	45
More than three times	..	..	..	..	2	37	18	25	52	17
<b>TOTAL</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>175</b>	<b>164</b>	<b>194</b>	<b>209</b>	<b>201</b>
<i>Not inspected during the year</i>										
	2	2	..	1	..	29	18	24	23	58
<b>TOTAL NUMBER OF FACTORIES</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>8</b>	<b>7</b>	<b>204</b>	<b>182</b>	<b>(a) 218</b>	<b>(b) 232</b>	<b>259</b>
<b>AVERAGE DAILY NUMBER OF OPERATIVES EMPLOYED—</b>										
<i>Adults—</i>										
Males	8,259	8,678	9,394	10,128	10,584	22,768	22,330	23,286	21,467	23,643
Females	139	205	113	324	247	3,364	3,395	3,420	3,073	3,885
<b>TOTAL</b>	<b>8,398</b>	<b>8,883</b>	<b>9,507</b>	<b>10,452</b>	<b>10,831</b>	<b>26,132</b>	<b>25,725</b>	<b>26,706</b>	<b>24,540</b>	<b>27,528</b>
<i>Children—</i>										
Males	137	85	138	102	170	1,043	1,100	1,187	1,067	945
Females	..	11	..	8	..	25	50	103	82	206
<b>TOTAL</b>	<b>137</b>	<b>96</b>	<b>138</b>	<b>110</b>	<b>170</b>	<b>1,068</b>	<b>1,150</b>	<b>1,290</b>	<b>1,149</b>	<b>1,151</b>
<b>AVERAGE DAILY NUMBER</b>	<b>8,535</b>	<b>8,979</b>	<b>9,645</b>	<b>10,562</b>	<b>11,001</b>	<b>27,200</b>	<b>26,875</b>	<b>27,996</b>	<b>25,689</b>	<b>28,678</b>
<b>NUMBER OF FACTORIES WORKED BY—</b>										
Shifts or sets	..	..	..	..	..	22	18	22	21	25
Midday stoppages	3	4	5	8	5	158	137	158	162	100
Shifts and midday stoppages	..	..	..	..	..	17	31	38	35	31
Otherwise	..	..	..	..	2	4	1	1	1	1
<b>TOTAL NUMBER OF FACTORIES</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>8</b>	<b>7</b>	<b>201</b>	<b>187</b>	<b>(c) 219</b>	<b>(d) 219</b>	<b>(e) 217</b>
<b>NUMBER OF FACTORIES—</b>										
<i>In which a general holiday is ordinarily given—</i>										
On Sundays	2	2	4	6	5	152	136	132	159	140
.. varying week days	1	2	1	1	2	40	40	73	51	68
<i>Exempted—</i>										
Under section 5 B (2) (c)	..	..	..	..	..	8	11	14	..	9
<i>(d)</i>										
Worked otherwise, that is, not falling under one of the previous heads	..	..	..	1	..	1	..	..	..	..
<b>TOTAL NUMBER OF FACTORIES</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>8</b>	<b>7</b>	<b>201</b>	<b>187</b>	<b>(c) 219</b>	<b>(d) 219</b>	<b>(e) 217</b>

(a) Excludes 34 factories which remained closed during the year, and 1 factory which was only started at the end of the year

(b) .. 42 .. .. .. .. .. .. .. .. .. ..

(c) .. 34 .. .. .. .. .. .. .. .. .. ..

(d) .. 45 .. .. .. .. .. .. .. .. .. ..

(e) .. 42 .. .. .. .. .. .. .. .. .. ..



## No. 3-A—concluded

NUMBER of FACTORIES INSPECTED, average daily number of OPERATIVES EMPLOYED, the MANNER in which FACTORIES were WORKED, and the HOLIDAYS given in them, in each PROVINCE, in each calendar year from 1905 to 1909—concluded

	CENTRAL PROVINCES and BERAR					MADRAS				
	1905	1906	1907	1908	1909	1905	1906	1907	1908	1909
<b>NUMBER OF FACTORIES—</b>										
<i>Inspected during the year—</i>										
Once . . . . .	26	62	86	63	51	2	5	8	11	15
Twice . . . . .	41	94	75	68	69	3	17	15	20	20
Three times . . . . .	41	83	53	65	65	1	4	13	14	25
More than three times . . . . .	85	66	112	108	154	71	75	75	88	115
<b>TOTAL</b> . . . . .	<b>193</b>	<b>305</b>	<b>326</b>	<b>302</b>	<b>339</b>	<b>79</b>	<b>87</b>	<b>113</b>	<b>128</b>	<b>175</b>
<i>Not inspected during the year.</i> . . . .	8	13	21	47	1	..	..	13	5	5
<b>TOTAL NUMBER OF FACTORIES</b> . . . . .	<b>201</b>	<b>318</b>	<b>(a) 327</b>	<b>(b) 323</b>	<b>386</b>	<b>80</b>	<b>87</b>	<b>(c) 113</b>	<b>(d) 141</b>	<b>(g) 180</b>
<b>AVERAGE DAILY NUMBER OF OPERATIVES EMPLOYED—</b>										
<i>Adults—</i>										
Males . . . . .	18,918	21,766	20,298	23,357	24,358	36,444	37,585	38,963	40,513	40,254
Females . . . . .	10,684	12,795	10,974	12,495	14,346	2,642	3,040	3,628	4,250	5,259
<b>TOTAL</b> . . . . .	<b>29,602</b>	<b>34,561</b>	<b>31,272</b>	<b>35,852</b>	<b>38,704</b>	<b>39,086</b>	<b>40,625</b>	<b>42,591</b>	<b>44,763</b>	<b>45,513</b>
<i>Children—</i>										
Males . . . . .	1,321	1,255	1,459	1,451	1,379	2,057	2,130	3,165	3,693	4,068
Females . . . . .	361	355	324	316	281	314	353	425	1,723	733
<b>TOTAL</b> . . . . .	<b>1,682</b>	<b>1,610</b>	<b>1,783</b>	<b>1,767</b>	<b>1,660</b>	<b>2,371</b>	<b>2,483</b>	<b>3,590</b>	<b>5,416</b>	<b>4,801</b>
<b>AVERAGE DAILY NUMBER</b> . . . . .	<b>31,284</b>	<b>36,171</b>	<b>33,055</b>	<b>37,619</b>	<b>40,364</b>	<b>41,457</b>	<b>43,108</b>	<b>46,151</b>	<b>50,179</b>	<b>50,314</b>
<b>NUMBER OF FACTORIES WORKED BY—</b>										
Shifts or sets . . . . .	34	24	39	40	34	3	7	7	7	18
Midday stoppages . . . . .	47	61	80	83	68	69	68	85	106	108
Shifts and midday stoppages . . . . .	120	233	208	200	238	8	11	20	15	40
Otherwise . . . . .	..	..	..	..	..	..	1	1	1	7
<b>TOTAL NUMBER OF FACTORIES</b> . . . . .	<b>201</b>	<b>318</b>	<b>(a) 327</b>	<b>(b) 323</b>	<b>340</b>	<b>80</b>	<b>87</b>	<b>(c) 113</b>	<b>(e) 129</b>	<b>(h) 173</b>
<b>NUMBER OF FACTORIES—</b>										
<i>In which a general holiday is ordinarily given—</i>										
On Sundays . . . . .	109	170	167	153	154	73	78	86	113	140
„ varying week days . . . . .	91	147	159	163	185	4	6	10	10	21
<i>Exempted—</i>										
Under section 5 B (2) (c) . . . . .	..	..	..	..	1	3	3	3	3	5
„ „ „ (d) . . . . .	..	..	..	..	..	..	..	..	..	..
<i>Worked otherwise, that is, not falling under one of the previous heads</i> . . . . .	1	1	1	1	..	..	..	14	3	7
<b>TOTAL NUMBER OF FACTORIES</b> . . . . .	<b>201</b>	<b>318</b>	<b>(a) 327</b>	<b>(b) 323</b>	<b>(f) 340</b>	<b>80</b>	<b>87</b>	<b>(c) 113</b>	<b>(e) 129</b>	<b>(h) 173</b>

(a) Detail not available.

NUMBER of ACCIDENTS in FACTORIES under the FACTORIES ACT, in each calendar year from 1905 to 1909

PROVINCE		Fatal	Serious	Minor	Total
Burma	1905	7	27	78	112
	1906	6	89	58	153
	1907	10	99	75	184
	1908	11	150	139	300
	1909	13	125	224	362
Eastern Bengal and Assam	1905	2	12	5	19
	1906	3	13	7	21
	1907	1	1	24	26
	1908	3	3	13	18
	1909	2	3	21	26
Bengal	1905	51	234	500	785
	1906	34	328	600	962
	1907	50	358	561	969
	1908	50	359	543	952
	1909	52	386	560	998
United Provinces of Agra and Oudh	1905	11	64	97	172
	1906	9	54	65	128
	1907	10	56	87	153
	1908	13	44	47	104
	1909	6	48	82	136
Ajmer-Merwara	1905	..	..	6	6
	1906	..	4	36	40
	1907	4	4	62	70
	1908	4	19	43	66
	1909	2	28	54	84
Panjab	1905	11	25	206	242
	1906	9	32	238	279
	1907	14	25	212	251
	1908	6	25	254	285
	1909	9	32	250	291
North-West Frontier Province	1905	1	..	..	1
	1906	..	..	1	1
	1907	..	..	..	..
	1908	..	..	..	..
	1909	..	..	..	..
Bombay	1905	22	91	1,406	1,519
	1906	25	137	1,367	1,529
	1907	21	184	1,420	1,625
	1908	29	190	1,253	1,472
	1909	30	178	1,395	1,603
Central Provinces and Berar	1905	2	32	60	94
	1906	2	57	78	137
	1907	3	57	74	134
	1908	5	76	81	162
	1909	4	68	100	172
Madras	1905	4	14	284	302
	1906	..	21	289	313
	1907	7	48	282	338
	1908	10	25	307	342
	1909	5	29	330	364
TOTAL	1905	111	499	2,642	3,252
	1906	86	738	2,739	3,563
	1907	120	832	2,797	3,750
	1908	128	891	2,680	3,699
	1909	123	897	3,016	4,036



No. 5

NUMBER of PERSONS CONVICTED in respect of OFFENCES against the FACTORIES ACT, enumerated in section 15, clause (1) thereof, in each calendar year from 1905 to 1909

PROVINCE	SECTION 15 (1), SUB-CLAUSE—									Section 15 (2)—Corrupt use of certificates granted under section 5	Total number convicted	
	(a)—Employment of persons not allowed by the Act	(b)—Performance by a child of work forbidden by, or in contravention of, section 8 of the Act	(c)—Neglect to keep register prescribed under section 9	(d)—Neglect of notice required by section 10, sub-section (1)	(e)—Neglect to fence machinery or mill-gearing	(f)—Neglect of water-supply for persons employed in any factory	(g)—Neglect of ventilation and cleanliness	(h)—Overcrowding	(i)—Neglect to send notices or returns required			Total
Burma	1905	1								1		1
	1906											
	1907											
	1908											
	1909											
Eastern Bengal and Assam	1905											
	1906											
	1907											
	1908											
	1909									(a) 1		1
Bengal	1905											
	1906											
	1907											
	1908			3								3
	1909			4								4
United Provinces of Agra and Oudh	1905											
	1906											
	1907											
	1908	1										1
	1909	3		3				1		2		9
Ajmer-Merwara	1905											
	1906											
	1907											
	1908											
	1909											
Panjab	1905											
	1906	1										
	1907	1										
	1908	3										
	1909	2		1								
North-West Frontier Province	1905											
	1906											
	1907											
	1908											
	1909											
Bombay	1905											
	1906											
	1907	6										
	1908	7										
	1909	2		1								
Central Provinces and Berar	1905											
	1906											
	1907	3										
	1908	3										
	1909	4		1								
Madras	1905											
	1906											
	1907	1										
	1908											
	1909	3		1								
TOTAL	1905	4	1	3	2	4		4		22		22
	1906	11	3	6		5		1		28		28
	1907	11	8	1		8				36		36
	1908	14	5	6	4	27				60		60
	1909	15	5	5		18		2	13	58		58

(a) Detail not available.

## BREWERIES

(TABLE 1, PAGE 31)

*(Compiled from special official returns)*

There are 24 breweries in India, of which one did not work. Seventeen are private property and seven are owned by six joint-stock companies with a nominal capital of Rs. 29,06,000, of which Rs. 24,35,200 was paid up at the end of 1909-10. Twelve of the breweries are located at stations in the Himalayas from Murree to Darjeeling. The largest brewery is the one at Murree, the Bangalore, Kasauli, and Poona breweries standing next in the order shown.

Production was largest in 1902, since when it has tended to decline, while imports of foreign beer have increased proportionately; in the year 1907, the process was reversed, internal production having advanced slightly and imports decreased, but in 1908 the production again receded. In 1909, both production and imports have further contracted.

The quantity in gallons of beer brewed in India and imported compare as follows:—

	Brewed in India	Imported
1905	5,994,955	4,626,608
1906	5,599,930	5,153,751
1907	5,610,121	4,805,640
1908	5,185,619	4,384,938
1909	4,824,050	4,286,811

A substantial quantity of beer brewed in India is consumed by the British troops in India. In 1907 the Army Commissariat purchased some 38 per cent of the total production and the average purchases in the five years 1903—1907 amounted to 2,633,616 gallons yearly. From the 1st January 1908 the contracts with Indian breweries for the supply of malt liquor to British troops have been discontinued, each British regiment being left free to make its own arrangements to obtain the necessary supply; as a consequence, the figures of Army consumption are no longer readily available.

# BREWERIES

## No. 1

STATEMENT of the PROGRESS of the BREWING INDUSTRY in BRITISH INDIA from 1877 to 1909 : and DETAILED STATEMENT of the PRODUCTION of BEER and the NUMBER OF PERSONS EMPLOYED in each brewery in 1907, 1908, and 1909

YEAR	No. OF BREWERIES IN OPERATION	NUMBER OF PERSONS EMPLOYED	PRODUCTION IN GALLONS	QUANTITY IN GALLONS PURCHASED BY THE COMMISSARIAT DEPARTMENT		PRODUCTION, IN GALLONS			NUMBER OF PERSONS EMPLOYED		
						1907	1908	1909	1907	1908	1909
1877	15		2,164,048	954,933	BURMA—						
1878	16		1,522,769	869,270	Mandalay	126,468	188,136	281,988	160	131	170
1879	15		1,569,026	872,296							
1880	17		1,974,578	1,298,773	BENGAL—						
1881	19		2,448,711	1,764,927	Calcutta	..	16,594	55,598	..	40	35
1882	17		2,594,667	1,699,914	Sonada	53,703	42,977	45,414	31	32	28
1883	17		2,597,298	2,027,169	TOTAL	53,703	59,571	101,012	31	72	63
1884	18		2,778,680	2,030,499	UNITED PROVINCES OF AGRA AND OUDH—						
1885	19		3,150,342	2,266,801	Mussoorie	239,787	234,000	250,416	86	60	48
1886	19		4,403,638	3,339,361	"	138,700	105,084	82,026	45	37	37
1887	20		5,085,030	4,178,658	Naini Tal	195,790	150,727	10,155	52	52	52
1888	21		5,352,191	4,628,175	Ranikhet	104,652	133,380	108,972	32	33	32
1889	22		5,171,726	3,778,295	Chakrata	129,276	70,000	83,070	40	35	30
1890	22		5,192,572	3,093,021	Lucknow	411,264	272,133	233,010	169	134	132
1891	22		4,745,803	2,228,958	TOTAL	1,219,469	965,324	767,649	424	341	331
1892	21		4,831,127	2,748,365	PANJAB—						
1893	22		5,532,725	3,147,683	Kasauli	528,930	376,110	417,150	140	153	140
1894	22		6,121,905	3,267,268	Murree	961,632	928,098	757,782	180	158	148
1895	23		6,238,877	3,146,103	Simla	40,770	32,076	26,622	25	22	22
1896	24		6,313,946	3,385,654	"	13,796	11,162	2,592	34	9	26
1897	25		5,427,461	2,589,142	Solon	302,778	271,188	232,170	131	108	125
1898	25		5,894,087	2,854,744	Dalhousie	95,256	66,258	65,070	19	23	21
1899	26		5,568,213	2,846,869	Delhi	(a)	(a)	(a)			
1900	26		4,947,841	2,586,364	Rawalpindi	364,594	402,327	278,100	203	206	205
1901	26	1,668	5,554,453	2,758,698	TOTAL	2,307,756	2,087,219	1,809,486	732	677	687
1902	27	1,764	6,474,860	2,794,561	BALUCHISTAN—						
1903	27	1,908	6,067,041	2,811,435	Quetta	255,447	231,525	276,615	89	98	99
1904	27	2,007	6,219,761	2,839,177	BOMBAY—						
1905	26	2,012	5,994,955	2,706,040	Poona (Dapuri, Kirkee)	221,331	446,364	420,930	87	120	126
1906	26	1,826	5,599,930	2,653,837	CENTRAL PROVINCES—						
1907	23	1,817	5,610,121	2,157,590	Jubbulpore	106,802	19,826	79,566	66	41	40
1908	24	1,658	5,185,619	*	MADRAS—						
1909	24	1,689	4,824,050	*	Nilgiris: Arvenghat (Coonoor)	106,803	119,167	112,193	17	14	13
					" Ootacamund	334,749	317,237	263,945	41	42	42
					" Yellanhully	255,170	272,404	242,554	40	42	40
					TOTAL	696,722	708,808	618,692	98	98	95
					Bangalore	622,623	478,836	468,112	130	80	76
					TOTAL BRITISH INDIA	5,610,121	5,185,619	4,824,050	1,817	1,658	1,689

(a) No brewing done

\* Figures not available

# COTTON MILLS

[ TABLES 1 TO 7, PAGES 35 TO 49 ]

(Compiled from special official returns which, as regards the production of yarn and woven goods, are based on returns made under the Cotton Duties Act, II of 1896, by the millowners)

N.B.—Statistics relating to cotton mills in the Native States which have hitherto been incorporated in this section have been excluded this year in accordance with the decision of the Government of India that the volumes constituting the *Statistics of British India* should be restricted to a presentation of statistics relating to British India only.

The Indian cotton industry dates as far back as 1851, when the first mill was started, but complete statistics were not reported until 1879-80. The following statement shows quinquennial averages from that year to 1909-10 and the figures in brackets represent the variations for each period, the average of the quinquennium from 1879-80 to 1883-84 being taken as 100: (Sterling capital has been converted into rupees at the average rate of exchange of the period)—

	No. of mills at work	Nominal Capital (in lakhs of Rs.) as far as reported	Number (in thousands) of		
			Persons employed	Looms	Spindles
1879-80 to 1883-84 . . . . .	60 (100)	642·2 (100)	49·4 (100)	13·8 (100)	1564·9 (100)
1884-85 to 1888-89 . . . . .	88 (147)	849·5 (132)	72·1 (146)	16·8 (122)	1997·9 (128)
1889-90 to 1893-94 . . . . .	116 (193)	1069·7 (166)	104·3 (211)	20·9 (151)	3069·5 (196)
1894-95 to 1898-99 . . . . .	143 (238)	1400·2 (218)	137·6 (278)	33·8 (245)	3829·9 (245)
1899-1900 to 1903-04 . . . . .	180 (300)	1574·6 (242)	159 (322)	38·8 (281)	4751·9 (303)
1904-05 to 1908-09 . . . . .	198 (330)	1726·8 (269)	199·9 (405)	55·8 (404)	5237·7 (334)
1909-10 . . . . .	216 (358)	1897·2 (295)	215·4 (436)	74·6 (541)	5773·8 (369)

It will be seen that the number of persons employed and of looms and spindles in operation have increased to a larger extent than the amount of nominal capital, which, however, has not been reported from many private mills.

At the end of 1909-10 there were in British India 216 cotton mills, containing 74,585 looms and 5,773,824 spindles. Of this number, 95 were exclusively spinning mills; 16 were exclusively weaving mills; and in 105 both spinning and weaving were carried on. They employed a daily average number of 215,419 persons: 145,264 men, 37,245 women, 16,583 young persons, and 16,327 children. Of the 211 mills shown against 1908-09, in Table No. 1, one with 317 looms and 19,051 spindles was destroyed by fire in the course of that year. Six new mills with 82,888 spindles were started during 1909-10, thus raising the grand total to 216.

The nominal capital of the mills, as far as this information has been furnished, is R18,97,22,553, including the sterling capital of £200,000, the whole of which is paid up; of the rupee capital, R16,76,03,972 is paid up. There are, further, rupee debentures to the value of R1,78,30,691 issued by 35 companies. Twelve mills also out of the 34 worked by private proprietors have not reported the capital employed by them, and for these about 16 millions of rupees would seem to be a fair estimate. The aggregate of the nominal capital and debentures is thus nearly 207·5 millions of rupees, and of this 186·5 millions of rupees or £12·43 millions is paid up.

The mills are located as follows:

	Number	Nominal Capital (R)		Number	Nominal Capital (R)
Bombay, city . . . . .	83	R3,64,73,080	United Provinces— <i>contd.</i>		
Ahmedabad . . . . .	53	2,60,06,575	Mirzapur . . . . .	1	10,00,000
" elsewhere . . . . .	26	1,82,00,750	Lucknow . . . . .	1	3,50,000
Bengal, all near Calcutta . . . . .	12	{ 1,22,75,000 }	Moradabad . . . . .	1	5,00,000
" { £200,000 }			Panjab: Delhi . . . . .	4	25,50,000
Madras, city . . . . .	4	29,50,500	" Lahore . . . . .	2	18,40,000
" elsewhere . . . . .	7	62,90,133	" Amritsar . . . . .	1	7,00,000
United Provinces of Agra and Oudh			Central Provinces: Nagpur . . . . .	2	76,87,500
Cawnpore . . . . .	4	78,00,000	" elsewhere . . . . .	4	41,42,015
Agra . . . . .	4	38,00,000	Berar: Badnera . . . . .	1	5,50,000
Aligarh . . . . .	2	15,17,000	" Akola . . . . .	1	7,50,000
			Ajmer-Merwara . . . . .	2	13,40,000

The Bombay Presidency possesses 75 per cent of the mills, 74 per cent of the spindles, and 84 per cent of the looms.

COTTON MILLS—*continued*

The total production of yarn in the mills in British India, as far as reported, and the figures of exports, are as follows (lb) :

	Nos. 1 to 25	Above No. 25	Total Production	Total Exports
Average, 1896-97 to 1900-01 . . . . .	423,906,808	20,082,852	443,989,750	198,002,463
„ 1901-02 to 1905-06 . . . . .	537,379,018	39,935,969	577,314,987	270,818,888
In the year 1906-07 . . . . .	581,378,006	40,175,309	630,553,315	250,618,971
„ 1907-08 . . . . .	556,615,699	57,156,377	613,772,076	223,274,000
„ 1908-09 . . . . .	571,959,193	57,928,885	629,888,081	242,764,993
„ 1909-10 . . . . .	542,863,305	50,343,550	593,206,855	233,818,600

In the last decade the annual outturn of yarn has exceeded 500,000,000 lbs in every year except 1900-01 when famine in India and the collapse of the Chinese markets restricted production. In the following year there was a rapid recovery, but the years 1902-03 to 1904-05 were marked by stagnation. In 1905-06 the production, stimulated by the cheapening of raw material and generally favourable conditions in the Chinese market, reached 655 million lbs—the highest figure touched. The general improvement was fairly well sustained in each of the next three years, the outturn having exceeded 600 million lbs. But the results of the working in 1909-10 reveal a contraction of some 36½ million lbs as compared with the production of the preceding year.

The spinning of yarn is in a large degree centred in Bombay, the mills of that province producing nearly 74 per cent of the quantity produced in British India. The United Provinces of Agra and Oudh and Madras each produced nearly 7 per cent, while Bengal and the Central Provinces produced nearly 6 and 5 per cent respectively. Elsewhere the production is as yet very limited.

There was a continued increase in the production of yarn of counts higher than No. 25, till 1908-09, but in 1909-10, the production decreased from 58 to 50 million lbs, which represents about 8 per cent of the whole production. In Bengal, the United Provinces, and the Panjab the mills spin hardly any yarn above No. 25, yarn of that count and lower numbers representing some 99 per cent of the whole production. In Bombay, however, the spinning of the higher counts (above No. 25) is about 10 per cent of the whole, and in Madras it is about 6 per cent, and in the Central Provinces 4 per cent. Using Egyptian and other imported cotton, the Bombay mills are now spinning in appreciable quantity yarns of No. 40 and upwards. The production of the finer yarns—Nos. 31 to 40—decreased last year to 15.6 million pounds from 20 million lbs in 1908-09.

It is interesting to note that the imports of yarn from the United Kingdom and other places are about 6 per cent of the total production in British India. The figures are (lbs) :

	Nos. 1 to 25	Above No. 25	Total Imports
Average, 1896-97 to 1900-01 . . . . .	5,654,194	38,315,540	43,969,734
„ 1901-02 to 1905-06 . . . . .	3,671,768	29,095,637	32,667,405
In the year 1906-07 . . . . .	2,538,586	32,070,882	34,609,468
„ 1907-08 . . . . .	2,380,441	31,426,613	33,807,054
„ 1908-09 . . . . .	4,095,323	34,248,186	38,343,509
„ 1909-10 . . . . .	2,425,118	33,826,279	36,251,397

The production of woven goods in the mills in British India, as far as reported, has been as follows (lbs) :

	Grey	Other kinds	Total
Average, 1896-97 to 1900-01 . . . . .	80,557,484	11,295,460	91,852,949
„ 1901-02 to 1905-06 . . . . .	109,884,271	25,009,554	134,893,825
In the year 1906-07 . . . . .	129,599,298	29,402,197	159,001,465
„ 1907-08 . . . . .	147,598,175	33,671,044	181,269,219
„ 1908-09 . . . . .	147,243,046	36,920,560	184,163,606
„ 1909-10 . . . . .	167,244,239	48,116,365	215,360,604

## COTTON MILLS—concluded

• The weaving mills were less affected than the spinning mills by the high price of raw cotton in 1903-04, for there was a considerable advance in the price of cloth, both the home and the foreign demand being good, and in the following year these high prices were still realised when the prices of raw cotton had fallen to normal levels, in consequence the production increased by about 12½ per cent in 1903-04, and by 15·8 per cent in 1904-05. In the two following years the rate of increase was less rapid, but in 1907-08, 1908-09, and 1909-10 the total outturn reached 181, 184 and 215 million lbs, an advance of 14·2, and 16·8 per cent respectively.

Weaving is concentrated in the Bombay mills to an even greater degree than spinning, the mills of that province producing about 85 per cent of the whole quantity woven in British India. The United Provinces and the Central Provinces produce about 5 per cent each, and Madras about 4 per cent. The goods woven are mainly grey (unbleached) goods, these representing about 78 per cent of the whole production.

The most important kinds of grey goods woven in the mills are specified below (in lbs.) :

	Average 1896-97 to 1900-01	Average 1901-02 to 1905-06	1906-07	1907-08	1908-09	1909-10
Shirtings and longcloths	26,775,437	38,611,145	41,521,058	43,464,095	47,401,198	54,964,685
Dhutis	17,430,468	25,448,365	34,638,079	45,977,971	44,003,687	46,986,827
T-cloths, domestics, and sheetings.	17,619,727	19,376,545	22,637,974	23,111,493	23,539,216	27,820,977
Chadars	9,059,381	13,628,457	15,479,529	14,470,120	12,836,749	17,144,741

The proportion of woven goods other than grey goods was highest in Madras, where last year it was about 59 per cent. In the Central Provinces the proportion was about 30 per cent and in Bombay nearly 22 per cent.

Figures of imports are not readily comparable with figures of production, because the former are recorded in yards and the latter up to the year 1906 have been recorded in lbs, with the exception of grey goods: the figures of grey and bleached goods are as follows (in millions of yards) :

	Imported	Produced	Percentage of production to importation
Average 1896-97 to 1900-01	1654·21	319·55	19·3
Average 1901-02 to 1905-06	1741·6	457·38	26·3
In the year 1906-07	1793·45	571·82	31·9
" 1907-08	1987·31	650·05	32·7
" 1908-09	1520·03	654·99	43·1
" 1909-10	1729·87	725·74	41·9

The yardage of coloured piece goods from April 1906 was (in millions of yards) :

	Imported	Produced	Percentage of production to importation
1906-07	524·75	110·03	21
1907-08	544·41	128·13	23·5
1908-09	472·48	138·17	29·2
1909-10	462·83	183·92	39·7

## COTTON MILLS

## No. 1

ABSTRACT STATEMENT of the PROGRESS of the COTTON SPINNING and WEAVING INDUSTRY in BRITISH INDIA since the year 1878-79

	Number of mills in existence	Capital (as far as known) R and £	NUMBER OF		
			Persons employed	Looms	Spindles
1878-79	56	R5,53,87,500 } £80,000 }	(a)	12,849	1,414,128
1879-80	55	R5,17,51,250 } £80,000 }	38,153	12,763	1,433,464
1880-81	55	R5,40,00,250 } £80,000 }	46,530	12,739	1,434,364
1881-82	59	R6,60,71,450 } £80,000 }	50,758	13,642	1,513,578
1882-83	59	R6,42,02,950 } £80,000 }	51,799	14,277	1,600,973
1883-84	71	R8,02,27,750 } £80,000 }	60,115	15,412	1,942,184
1884-85	78	R7,73,17,250 } £330,000 }	59,736	15,616	1,983,955
1885-86	86	R7,91,98,750 } £330,000 }	69,735	15,684	2,122,077
1886-87	86	R7,58,09,250 } £330,000 }	69,678	15,854	2,117,394
1887-88	91	R8,24,29,250 } £330,000 }	76,526	17,468	2,261,229
1888-89	98	R8,69,48,665 } £369,999 }	84,703	19,288	2,504,666
1889-90	104	R9,31,60,090 } £369,999 }	90,797	20,156	2,756,182
1890-91	115	R10,06,35,000 } £369,999 }	102,768	21,625	3,022,896
1891-92	117	R10,34,00,090 } £369,999 }	109,552	22,422	3,086,082
1892-93	120	R10,47,27,590 } £369,999 }	112,536	24,034	3,195,873
1893-94	126	R10,75,65,040 } £369,999 }	122,153	27,078	3,356,153
1894-95	131	R11,16,28,240 } £369,999 }	130,221	31,628	3,521,526
1895-96	136	R11,69,54,410 } £369,999 }	136,947	34,683	3,636,764
1896-97	143	R12,65,24,810 } £449,999 }	139,262	34,667	3,789,966
1897-98	152	R13,21,56,810 } £449,999 }	139,289	34,303	4,014,502
1898-99	159	R13,75,86,750 } £468,830 }	147,403	35,009	4,281,620
1899-1900	176	R14,53,44,523 } £469,029 }	155,003	36,521	4,574,840
1900-01	177	R14,62,76,291 } £669,029 }	144,983	37,210	4,679,648
1901-02	179	R15,16,87,084 } £450,000 }	161,756	38,891	4,743,391
1902-03	(b) 184	R15,42,81,051 } £450,000 }	167,104	40,397	4,895,884
1903-04	187	R14,66,72,250 } £650,000 }	169,837	41,977	4,900,106
1904-05	187	R15,16,79,301 } £650,000 }	178,680	43,740	4,912,382
1905-06	188	R14,77,51,710 } £650,000 }	194,700	48,550	5,006,916
1906-07	197	R16,29,51,715 } £650,000 }	197,950	55,291	5,230,020
1907-08	207	R17,29,75,506 } £500,000 }	208,422	62,251	5,437,198
1908-09	211	R18,53,15,827 } £200,000 }	219,603	69,283	5,602,134
1909-10	216	R18,67,22,553 } £200,000 }	215,419	74,585	5,773,824

(a) Not stated

(b) Exclusive of a mill with 23,232 spindles destroyed by fire in 1901-02

DETAILED STATEMENT of COTTON MILLS worked by STEAM in BRITISH INDIA in the year 1909-10

Where located	Number of mills	CAPITAL (R AND £)			Number of Looms	Number of Spindles	AVERAGE DAILY NUMBER OF PERSONS EMPLOYED				
		Nominal share capital	Paid up share capital	Debentures			Men	Women	Young persons	Children	TOTAL
<b>BENGAL—</b>											
Budge-Budge	1	8,75,000	8,75,000	..	..	34,816	496	42	..	86	624
Fort Gloster	1	18,00,000	18,00,000	7,00,000	..	77,712	1,185	49	282	76	1,592
Fuleswar	1	6,00,000	6,00,000	3,00,000	..	21,728	327	14	250	..	591
Garden Reach	1	£200,000	£200,000	..	460	76,758	1,652	156	268	17	2,093
Howrah	3	22,00,000	22,00,000	9,00,000	250	92,529	1,778	577	..	398	2,753
Maresh	1	18,00,000	17,74,208	..	400	16,174	636	183	..	93	912
Sham Nagar	4	50,00,000	19,00,000	14,50,000	18	88,368	1,358	323	..	259	1,940
TOTAL	1909-10	R1,22,75,000	R1,49,208	33,50,000	1,128	408,085	7,432	1,344	800	929	10,505
	1908-09	£200,000	£200,000	..	..	..	..	..	..	..	..
	1907-08	R1,15,75,000	R83,12,913	33,50,000	978	410,797	7,749	1,508	1,083	1,202	11,542
		£200,000	£200,000	..	..	..	..	..	..	..	..
		R1,15,75,000	R84,75,000	33,50,000	781	410,541	7,874	1,585	734	1,398	11,591
		£200,000	£200,000	..	..	..	..	..	..	..	..
<b>UNITED PROVINCES OF AGRA AND OUDH—</b>											
Agra	4	38,00,000	37,05,500	3,00,000	..	65,017	1,857	309	..	221	2,387
Cawnpore	4	78,00,000	77,80,850	..	3,752	270,612	7,495	467	176	464	8,602
Hathras (Aligarh)	2	15,17,000	15,17,000	..	..	34,304	773	53	239	4	1,069
Lucknow	1	3,50,000	3,50,000	..	..	6,192	250	..	..	121	371
Mirzapur	1	10,00,000	4,74,600	..	..	10,840	234	62	35	3	334
Moradabad	1	5,00,000	4,26,000	..	..	10,000	250	10	15	..	275
TOTAL	1909-10	1,49,67,000	1,42,53,950	3,00,000	3,752	396,965	10,859	901	465	813	13,038
	1908-09	1,34,34,000	1,27,94,950	3,00,000	3,747	381,741	10,418	946	462	1,323	13,149
	1907-08	1,29,34,000	1,22,94,950	5,00,000	3,747	367,804	10,616	876	221	1,051	12,764
<b>AJMER-MERWARA—</b>											
Beawar	1909-10	13,40,000	12,48,500	..	910	20,512	1,538	184	140	62	1,924
	1908-09	13,40,000	11,98,225	..	910	20,512	1,479	158	185	54	1,876
	1907-08	13,40,000	9,49,600	..	625	13,112	820	110	130	..	1,060
<b>PANJAB—</b>											
Amritsar	1	7,00,000	7,00,000	..	..	16,500	295	28	..	49	372
Delhi	4	25,50,000	25,00,000	3,600	380	74,360	1,725	154	19	183	2,081
Lahore	2	18,40,000	15,41,998	3,96,000	150	34,456	842	102	161	50	1,155
TOTAL	1909-10	50,90,000	47,41,998	3,99,600	530	125,316	2,862	284	180	282	3,608
	1908-09	50,90,000	47,18,571	4,01,800	506	121,050	2,848	305	115	463	3,731
	1907-08	54,90,000	48,62,475	4,01,300	373	122,704	2,916	285	279	317	3,797
<b>BOMBAY—</b>											
Ahmedabad	53	2,00,06,575	2,18,58,725	15,87,616	15,179	914,631	21,616	3,512	6,570	2,703	31,401
Belgaum	2	30,00,000	30,00,000	..	..	69,324	1,022	733	270	..	2,025
Bombay (City)	83	8,64,73,080	8,10,57,630	88,47,000	41,389	2,824,350	70,483	21,792	6,172	3,976	102,423
Broach	5	21,00,000	20,41,775	..	1,029	77,908	1,536	372	266	342	2,516
Dharwar	3	15,00,000	12,73,600	..	14	55,280	1,207	708	167	146	2,228
East Khandesh	2	17,50,000	16,43,500	..	671	30,620	1,185	186	..	146	1,517
Kaira	2	11,00,000	10,25,000	..	289	31,704	812	153	..	69	1,034
Poona	3	13,30,000	11,58,232	..	720	19,956	1,095	189	..	88	1,372
Sholapur	4	44,00,000	41,51,850	5,00,000	2,017	174,920	3,528	2,112	1,712	642	7,994
Surat	3	19,20,750	17,20,750	25,300	699	48,592	1,062	304	189	169	1,724
Virangam	2	11,00,000	9,36,500	..	794	39,582	673	149	298	274	1,394
TOTAL	1909-10	R13,06,80,405	R11,98,67,562	R1,09,59,916	62,301	4,286,865	1,04,219	30,210	12,644	8,555	155,628
	1908-09	R13,12,53,405	R11,93,12,068	R94,77,316	58,305	4,164,846	105,678	31,935	13,429	8,375	159,817
	1907-08	R12,25,33,830	R11,02,41,261	R76,02,185	52,277	4,029,429	99,122	31,026	11,929	8,102	152,042
		£300,000	£300,000	£35,000	..	..	..	..	..	..	..

(a) One mill did not begin work during the year



## No. 2—continued

DETAILED STATEMENT of COTTON MILLS worked by STEAM in BRITISH INDIA in the year 1909-10—contd

Where located	Number of mills	CAPITAL (R AND £)			Number of Looms	Number of Spindles	AVERAGE DAILY NUMBER OF PERSONS EMPLOYED					
		Nominal share capital	Paid up share capital	Debentures			Men	Women	Young persons	Children	TOTAL	
CENTRAL PROVINCES—												
Hinganghat . . . . .	2	28,42,015	28,42,015	..	515	34,124	1,333	366	115	144	1,958	
Jubbulpore . . . . .	1	8,00,000	6,42,500	..	377	15,208	484	130	..	173	787	
Nagpur . . . . .	2	76,87,500	55,62,600	..	1,538	91,432	3,998	1,203	..	857	6,058	
Pulgaon . . . . .	1	5,00,000	5,00,000	..	225	18,336	664	128	45	3	840	
TOTAL {	1909-10	6	1,18,29,515	95,47,115	..	2,655	159,100	6,479	1,827	160	1,177	9,043
	1908-09	6	1,18,29,515	95,30,615	..	2,382	162,520	6,799	2,008	139	1,261	10,202
	1907-08	6	99,54,625	97,15,548	..	2,342	163,924	6,178	1,514	267	1,147	9,106
BERAR—												
Akola . . . . .	1	7,50,000	7,50,000	7,00,000	418	21,408	744	280	..	182	1,206	
Badnera . . . . .	1	5,50,000	5,50,000	3,50,000	368	16,097	557	169	182	104	1,012	
TOTAL {	1909-10	2	13,00,000	13,00,000	10,50,000	786	37,505	1,301	449	182	286	2,218
	1908-09	2	15,50,000	10,32,250	3,50,000	493	22,120	724	210	174	148	1,256
	1907-08	2	11,50,000	10,32,250	3,50,000	358	22,020	905	229	70	118	1,322
MADRAS—												
Bellary . . . . .	1	2,50,000	2,50,000	..	..	18,792	274	121	..	159	554	
Calicut . . . . .	1	6,00,000	6,00,000	..	..	18,424	345	15	..	9	369	
Coimbatore . . . . .	2	9,00,000	9,00,000	3,00,000	..	47,160	330	293	564	421	1,608	
Madras . . . . .	4	29,50,500	29,50,500	12,00,000	1,973	126,584	6,658	398	1,448	2,354	10,858	
Madura . . . . .	1	20,00,000	8,00,000	..	..	36,344	861	308	..	556	1,725	
Tinnevely . . . . .	2	13,40,133	10,24,939	..	50	49,052	1,019	487	..	322	1,828	
Tuticorin . . . . .	1	12,00,000	9,70,200	2,71,175	..	43,120	1,087	424	..	402	1,913	
TOTAL {	1909-10	12	92,40,633	74,95,639	17,71,175	2,023	339,476	10,574	2,046	2,012	4,223	18,855
	1908-09	11	92,43,907	74,85,583	16,02,175	1,962	318,548	10,114	1,980	2,196	3,740	18,030
	1907-08	11	79,98,051	69,58,007	15,21,175	1,748	307,664	9,688	1,619	2,105	3,328	16,740
GRAND TOTAL {	1909-10	216	R18,67,22,553 £200,000	R16,76,03,972 £200,000	R1,78,30,691	74,585	5,773,824	145,284	37,245	16,583	16,327	215,419
	1908-09	211	R18,53,15,827 £200,000	R16,43,85,175 £200,000	R1,54,81,291	69,283	5,602,134	146,209	39,045	17,783	16,566	219,603
	1907-08	207	R17,29,75,506 £500,000	R15,45,29,091 £500,000	R1,37,24,660 £35,000	62,251	5,437,198	138,119	37,244	15,735	15,461	(a) 208,422

(a) Defective in the details

## No. 3

ABSTRACT STATEMENT of the QUANTITY (in pounds) of YARN produced in the COTTON MILLS in BRITISH INDIA in each year from 1895-96 to 1909-10

	Bombay	Madras	Bengal	United Provinces of Agra and Oudh (also Ajmer-Merwara)	Panjab	Central Provinces and Berar (a)	TOTAL FOR BRITISH INDIA
1895-96	320,384,098	28,953,160	38,392,556	20,385,272	4,361,015	17,995,301	430,472,002
1896-97	302,294,963	29,319,326	42,106,993	22,548,473	5,314,834	17,611,811	419,196,400
1897-98	324,649,184	32,515,445	44,806,625	26,746,853	6,606,919	18,334,320	453,659,346
1898-99	368,050,099	30,728,346	45,517,686	32,282,514	7,243,709	18,807,910	502,630,264
1899-1900	371,040,956	32,251,911	37,689,101	33,348,795	7,601,863	19,752,569	501,685,195
1900-01	243,625,528	27,652,764	16,290,973	29,245,454	7,235,843	18,726,985	342,777,547
1901-02	415,028,240	32,120,814	45,403,254	33,589,403	9,629,422	24,233,715	560,004,848
1902-03	419,526,005	31,256,104	47,085,551	27,050,371	9,567,025	24,306,984	558,812,040
1903-04	414,932,169	23,714,162	46,487,245	29,930,262	11,578,346	24,548,608	556,190,792
1904-05	422,248,895	30,124,665	38,347,577	27,348,938	11,624,517	26,253,834	555,948,426
1905-06	491,609,490	35,282,189	51,276,839	34,388,671	14,694,416	28,367,226	655,618,831
1906-07	473,003,690	36,723,575	46,566,702	33,888,675	13,860,773	26,509,900	630,553,315
1907-08	457,146,197	36,935,891	41,817,831	37,141,635	12,872,986	27,857,536	613,772,076
1908-09	469,194,256	39,635,423	39,146,723	38,870,997	13,265,405	29,778,277	629,886,081
1909-10	437,484,282	40,595,990	34,419,392	39,801,222	10,936,800	29,969,169	593,206,856

## No. 4

ABSTRACT STATEMENT of the QUANTITY (in pounds) of WOVEN GOODS produced in the COTTON MILLS in BRITISH INDIA in each year from 1896-97 to 1909-10

	Bombay	Madras	Bengal	United Provinces of Agra and Oudh (also Ajmer-Merwara)	Panjab	Central Provinces and Berar (a)	TOTAL FOR BRITISH INDIA
1896-97	67,023,766	5,285,169	282,271	2,888,824	873,146	5,061,882	81,415,058
1897-98	73,481,564	5,320,781	63,266	3,042,991	1,007,533	5,110,292	88,026,427
1898-99	82,366,121	6,126,279	58,605	4,084,580	865,748	5,156,956	98,658,289
1899-1900	78,583,369	6,940,942	204,665	3,624,933	705,408	5,261,041	95,320,358
1900-01	60,689,445	5,709,687	320,126	3,635,276	404,258	5,085,798	95,844,590
1901-02	98,545,580	6,073,322	392,846	4,537,808	272,695	6,143,908	115,966,159
1902-03	100,465,618	4,995,069	414,856	4,585,527	177,510	6,646,052	117,284,632
1903-04	112,717,110	5,343,576	690,815	5,493,867	64,927	7,565,932	131,876,227
1904-05	130,998,292	6,578,847	720,224	6,018,012	149,773	8,276,682	152,741,830
1905-06	131,898,452	8,136,391	657,275	7,645,931	324,042	7,938,185	156,600,276
1906-07	134,735,665	7,952,556	1,316,249	7,173,582	394,118	7,429,295	159,001,465
1907-08	154,644,775	7,593,323	1,934,073	8,862,526	463,770	7,770,752	181,269,219
1908-09	154,684,146	7,596,792	2,861,278	9,597,134	501,851	8,922,405	184,163,606
1909-10	183,395,689	7,738,451	2,876,631	10,798,937	346,641	10,204,255	215,360,604

(a) Berar ceased to be a Foreign Territory from the 1st October 1902 when it was leased in perpetuity to British Government, but in this table the transfer has been made from the 1st October 1903 when the administration was transferred to the Central Provinces



No. 5—continued

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10—continued

Count or Number	1905-06	1906-07	1907-08	1908-09	1909-10	1905-06	1906-07	1907-08	1908-09	1909-10
	AHMEDABAD					MADRAS				
1	..	..	..	..	..	25,784	37,977	32,285	52,081	14,750
2	..	..	..	..	..	..	..	..	600	..
3	602	..	4,815	..	..	..	..	..	..	..
4	3,005	3,432	..	40	21	543,219	637,017	535,752	676,741	728,384
5	..	..	..	..	..	..	..	19,200	10,914	..
6	557,650	326,694	203,126	160,532	93,385	898,092	864,415	793,455	902,933	931,774
7	372,045	263,086	303,660	303,117	455,604	3,778	4,349	..	46,802	72,473
8	317,833	216,716	203,376	142,901	78,367	481,092	372,801	411,523	522,930	750,792
9	940,185	748,742	599,095	755,405	810,610	..	285	1,710	16,590	53,526
10	392,568	303,930	342,914	504,348	245,224	826,120	736,805	738,503	867,887	978,116
Total Nos. 1 to 10	2,583,388	1,862,550	1,656,986	1,866,343	1,683,217	2,728,035	2,553,649	2,532,378	2,997,278	3,538,770
11	806,318	610,611	582,459	614,311	655,444	30,766	112,774	160,525	96,514	206,027
12	160,165	121,917	195,625	271,578	402,081	1,260,969	1,223,447	1,405,389	1,379,241	1,739,790
13	1,045,968	818,212	961,602	933,730	1,244,743	69,173	114,367	326,155	219,908	319,730
14	312,090	590,166	591,791	616,925	412,338	2,965,067	2,708,225	2,363,733	2,855,387	3,386,079
15	159,497	90,333	169,785	278,164	224,268	1,434,931	1,114,958	1,388,277	1,187,930	1,293,470
16	670,313	275,753	611,523	1,108,380	1,432,579	2,689,587	2,301,238	2,206,507	2,173,932	2,921,045
17	624,642	601,045	641,784	660,423	574,817	1,904,119	1,914,049	1,793,780	1,951,420	1,978,871
18	214,586	253,502	200,656	347,515	321,988	3,684,021	2,583,163	2,416,660	2,194,115	3,059,436
19	197,193	88,316	66,429	61,895	12,437	3,256,021	3,368,577	3,772,099	4,183,306	3,560,960
20	10,899,312	9,735,853	10,343,187	15,280,761	15,540,190	10,446,362	11,941,587	11,222,249	12,932,496	11,648,612
Total Nos. 11 to 20	15,080,034	13,075,908	14,364,826	20,173,685	20,820,885	27,692,066	27,382,425	27,056,374	29,174,848	30,107,210
21	3,316,439	3,852,678	3,432,647	3,365,573	3,351,961	1,141,633	2,189,209	3,221,189	3,341,087	2,811,297
22	6,392,575	7,989,888	9,087,280	10,026,921	10,122,547	1,109,054	1,232,061	939,172	900,749	1,175,376
23	1,047,021	1,620,739	695,947	1,200,049	1,346,300	..	..	33,300	56,892	12,546
24	4,524,016	5,485,493	3,711,379	3,346,016	3,300,933	127,569	198,329	283,971	389,098	516,252
25	2,815,599	2,414,965	3,021,155	1,154,199	885,815	..	2,900	10,500	27,840	9,851
26	3,228,909	2,160,341	1,992,326	2,574,945	1,917,099	1,038,102	1,402,003	1,508,672	1,327,087	1,021,487
27	1,261,985	523,540	457,991	411,422	212,457	..	..	..	14,550	3,300
28	789,566	299,586	620,202	954,673	1,235,436	139,876	162,297	215,555	254,346	92,048
29	22,248	22,543	9,308	37,789	57,332	..	323	..	..	..
30	3,649,396	4,866,221	5,346,184	5,046,176	5,832,254	1,023,659	1,045,511	1,010,608	981,805	1,237,258
Total Nos. 21 to 30	27,047,754	29,183,004	28,418,419	28,117,763	27,812,134	4,579,913	9,233,133	7,222,967	7,293,454	6,880,315
31	24,787	73,078	214,973	91,262	233,066	..	..	..	68,485	28,230
32	1,793,634	1,202,977	1,129,034	1,666,534	2,676,728	..	56	45,793	6,177	..
33	1,040,767	1,900,463	1,853,404	2,154,843	1,464,635	..	..	..	..	..
34	1,866,445	1,666,981	2,237,019	2,222,115	1,399,113	..	..	..	..	..
35	1,160,376	1,476,637	1,010,329	226,680	238,868	..	..	..	..	..
36	1,438,011	1,505,257	1,332,063	1,917,559	950,189	..	..	..	..	..
37	600,190	226,551	99,744	56,241	431	..	..	..	..	..
38	868,026	432,189	549,950	413,547	89,505	..	..	..	..	..
39	25,041	3,341	3,280	20,755	20,957	..	..	..	..	..
40	1,393,252	2,131,912	3,057,650	2,414,233	1,733,270	280,403	54,312	79,469	95,181	41,465
Total Nos. 31 to 40	10,140,568	10,619,381	11,987,446	11,133,279	8,791,762	280,403	54,368	25,172	169,843	69,695
Above 40	351,625	605,233	1,594,465	3,192,800	2,206,313	1,772	..	..	..	..
Waste, etc.	3,117	13,033	53,718	649	1,625	..	..	..	..	..
TOTAL	55,166,536	55,364,114	53,075,980	64,504,519	61,315,936	35,232,139	36,723,575	36,935,391	39,635,433	40,595,090

## No. 5—continued

DETAILED STATEMENT of the QUANTITY (in pounds)\* and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10—continued

Count or Number.	1905-06	1906-07	1907-08	1908-09	1909-10	1905-06	1906-07	1907-08	1908-09	1909-10
	BENGAL					UNITED PROVINCES OF AGRA AND OUDH (also AJMER-MERWARA)				
1	6,792		11,411	21,578	..	..	..	..	..	..
2	259,470	219,186	393,807	347,051	182,734	3,720	..	..	..	45,858
3	..	1,662	29,208	..	..	..	..	..	3,236	..
4	76,442	289,066	367,370	123,963	55,029	1,061,987	994,732	1,011,025	1,014,281	666,852
5	..	..	5,914	..	1,155	..	..	..	24,363	124,504
6	1,619,228	1,853,601	1,987,349	1,166,357	540,782	277,381	506,065	311,880	534,602	511,098
7	829,037	510,810	679,020	397,432	691,265	266,966	325,236	219,111	394,827	586,577
8	888,818	1,221,590	1,102,504	604,181	370,051	265,373	179,106	239,539	355,000	728,272
9	213,824	153,526	214,278	219,852	313,375	157,310	145,261	27,264	88,644	33,087
10	13,071,333	10,685,788	7,658,244	7,391,755	5,579,508	5,474,079	5,511,764	5,921,284	6,144,740	6,786,428
Total Nos. 1 to 10	22,313,893	14,954,782	12,449,705	10,272,189	7,733,899	7,507,318	7,662,164	7,731,003	8,559,703	9,683,658
11	2,298,012	2,466,238	2,193,572	2,356,628	2,223,258	3,201,869	2,541,768	2,199,941	2,623,131	3,933,733
12	6,624,298	4,961,071	3,892,980	3,791,168	3,135,959	2,596,398	2,131,117	2,160,983	1,777,963	2,154,521
13	2,043,941	1,772,415	2,047,766	1,175,588	1,474,063	2,259,176	2,011,072	1,880,056	2,971,094	2,145,686
14	2,769,255	3,200,476	3,145,895	3,208,842	3,524,885	3,634,947	4,130,085	4,879,839	4,868,209	4,864,417
15	735,312	1,002,624	354,028	332,192	182,309	2,776,072	3,154,239	3,798,253	3,257,776	3,352,898
16	4,155,761	4,336,744	5,004,225	4,452,465	5,667,186	4,716,533	4,858,762	6,243,957	6,400,339	6,648,751
17	1,320,168	2,033,669	1,683,661	2,181,600	2,066,588	1,610,597	2,313,609	1,329,959	2,094,571	1,715,766
18	1,974,923	2,424,774	1,678,002	1,437,041	1,107,378	2,134,175	1,316,438	1,951,118	2,240,654	1,345,333
19	625,068	1,074,731	1,165,358	1,572,216	987,259	1,774,974	1,838,456	2,304,304	1,804,142	1,460,118
20	2,291,749	3,630,673	3,833,471	3,680,213	2,217,245	1,125,355	342,031	915,588	1,055,972	1,177,321
Total Nos. 11 to 20	24,343,342	26,993,415	24,999,458	24,097,953	22,592,130	25,830,096	25,137,622	23,155,563	29,119,451	28,798,544
21	1,223,333	1,382,734	791,088	1,095,220	893,731	24,402	11,713	..	12,972	18,614
22	1,359,906	1,992,883	1,349,127	1,377,454	1,249,418	515,257	626,892	716,073	373,889	311,088
23	..	5,557	24,397	3,937	..	2,515	..	..	234,905	..
24	570,764	564,355	773,477	1,362,151	1,002,120	204,928	72,074	130,757	90,696	168,716
25	86,873	81,796	306,516	230,803	180,910	5,493	..	..	14,623	5,668
26	33,686	87,189	102,212	46,444	68,485	21,074	18,466	..	..	5,413
27	34,490	76,649	85,242	102,336	215,680	..	26,072	..	..	..
28	5,007	184,053	195,681	9,177	..	136,808	254,603	360,939	212,597	223,349
29	..	..	..	32	..	..	..	..	147,601	..
30	39,979	115,086	226,082	253,581	79,610	35,950	4,501	..	15,011	7,282
Total Nos. 21 to 30	3,859,937	4,490,302	3,768,302	4,485,940	3,689,966	945,487	1,014,321	1,207,769	1,192,204	1,245,020
31	..	..	..	..	..	..	..	..	..	..
32	74,079	63,715	159,825	103,334	157,551	3,751	..	..	..	5,578
33	..	..	23,792	3,912	..	..	..	4,839	..	..
34	5,667	15,193	1,237	..	23	22,309	..	..	..	..
35	..	..	..	..	..	..	..	..	..	..
36	239	14,345	2,310	11,735	73,939	..	18,895	41,145	89,639	61,485
37	..	..	..	..	..	..	..	..	..	..
38	..	..	..	576	108	..	..	..	..	1,876
39	..	..	..	..	..	..	..	..	..	..
40	2,205	15,059	214,913	56,956	1,362	74,710	62,673	1,296	..	4,791
Total Nos. 31 to 40	82,190	109,212	491,937	176,465	238,633	105,770	74,568	47,230	99,639	73,732
Above 40	33,537	36,491	105,956	112,725	165,364	..	..	..	..	253
Wastes, etc.	144,700	22,500	91,923	1,471	..	..	..	..	..	..
TOTAL	51,276,839	46,666,792	41,317,831	39,146,723	34,419,392	34,383,671	33,368,676	37,141,635	33,870,997	39,301,223

## No. 5—continued

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10—continued

Count or Number	1905-06	1906-07	1907-08	1908-09	1909-10	1905-06	1906-07	1907-08	1908-09	1909-10
	PANJAB					CENTRAL PROVINCES AND BEHAR				
1	..	..	..	..	..	..	..	..	..	..
2	..	..	..	764	..	..	..	..	..	..
3	..	..	90	..	..	..	..	..	..	..
4	..	274	..	2,527	..	2,880	250	317	31,673	60,686
5	..	..	16,390	..	..	..	..	..	..	..
6	2,377	54,332	70,539	179,148	152,084	1,014,795	688,084	716,695	688,137	780,288
7	78,977	321,322	278,268	311,459	186,689	330,310	389,637	358,640	709,834	589,172
8	84,940	77,659	19,734	256,387	127,461	592,508	396,916	179,754	59,032	101,918
9	343,089	415,349	356,732	431,031	282,675	918,286	1,111,274	1,297,029	1,330,728	1,327,003
10	653,031	758,230	259,426	396,635	677,422	4,705,899	3,860,647	3,842,317	4,842,432	4,923,914
Total Nos. 1 to 10	1,162,394	1,627,766	1,001,229	1,577,996	1,566,331	7,564,673	6,286,753	6,335,252	7,167,936	7,737,931
11	2,441,321	2,506,139	2,402,965	1,967,358	2,152,530	677,702	598,027	775,929	1,465,613	2,277,493
12	934,838	1,020,699	450,599	572,334	393,352	5,479,316	5,789,493	5,767,973	5,691,333	5,156,029
13	3,899,935	2,925,334	2,222,031	3,096,740	2,078,431	558,594	529,376	495,740	1,301,406	1,056,775
14	602,965	667,234	1,313,177	1,916,529	1,604,922	1,908,933	1,709,330	1,511,516	1,586,536	1,710,896
15	1,312,360	937,495	566,077	340,316	714,373	104,338	134,937	122,931	114,692	58,230
16	2,393,440	2,168,007	2,706,414	1,465,541	1,622,143	2,782,931	2,639,692	2,977,728	2,661,644	2,637,070
17	1,049,333	1,177,633	1,192,373	1,237,423	415,639	187,404	257,132	279,654	337,147	584,732
18	37,732	33,903	89,247	90,345	16,122	1,044,497	992,093	977,037	315,134	725,114
19	85,687	315,499	50,067	241,136	53,321	..	89,403	15,752	54,536	67,624
20	155,334	229,130	233,133	163,373	321,032	3,551,765	3,177,222	3,691,713	3,323,921	2,935,774
Total Nos. 11 to 20	13,468,525	12,013,659	11,731,123	11,596,705	9,377,970	16,335,930	15,916,730	16,515,973	17,357,567	17,309,737
21	439	23,606	23,667	..	..	993,232	784,946	904,944	864,949	1,033,017
22	20,931	21,504	47,116	90,253	..	799,565	352,795	1,434,965	895,055	976,010
23	..	4,223	..	..	..	..	..	..	..	1,329
24	10,445	369	10	446	..	1,666,361	1,629,697	1,177,236	1,341,035	1,695,179
25	..	21,670	..	..	..	..	..	..	..	262
26	315	..	292	..	..	64,115	31,697	153,393	193,531	175,930
27	..	6,561	..	..	..	..	..	..	..	..
28	..	1,062	..	..	..	26,239	30,929	30,024	56,352	106,504
29	78	..	..	..	..	3,735	..	..	139	..
30	146	33,112	24,733	..	115	1,169,512	200,372	320,775	375,653	135,536
Total Nos. 21 to 30	32,434	117,107	100,823	90,704	115	3,697,849	3,530,436	4,026,337	4,326,373	4,173,767
31	..	63,734	..	..	..	..	..	..	..	..
32	1,090	16,837	10,022	..	..	474,925	324,421	453,522	405,931	303,137
33	25,633	12,570	5,391	..	..	2,705	..	..	..	..
34	..	..	..	..	2,334	101,314	259,233	224,936	164,427	141,973
35	..	1,133	..	..	..	2,574	..	..	..	76
36	..	..	..	..	..	..	..	4,394	..	22,695
37	..	..	..	..	..	..	..	..	..	..
38	..	..	..	..	..	379	2,510	3,974	4,722	2,362
39	..	..	..	..	..	..	..	..	..	..
40	3,737	3,013	23,393	..	..	135,353	43,961	109,129	177,973	133,453
Total Nos. 31 to 40	30,563	102,241	39,311	..	2,334	717,255	635,130	795,955	753,053	613,751
Above 40	..	..	..	..	..	51,464	110,316	123,969	167,337	33,933
TOTAL	14,694,416	13,860,773	12,972,936	13,265,405	10,936,300	23,367,226	23,509,900	27,357,536	29,773,277	29,969,169

## No. 5—concluded

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10—concluded

Count or Number	1905-06	1906-07	1907-08	1908-09	1909-10
TOTAL OF BRITISH INDIA					
1	31,466	73,883	45,409	86,174	41,303
2	273,202	329,913	421,802	348,415	138,022
3	356,709	390,736	630,481	792,868	778,326
4	2,257,883	3,375,765	4,924,840	3,924,770	3,674,359
5	7,348	193,081	875,012	149,956	163,775
6	13,184,768	14,275,113	16,517,136	15,486,743	12,082,815
7	5,126,569	6,028,061	7,647,436	7,965,267	7,817,899
8	4,776,211	5,613,368	9,007,609	6,280,020	5,120,703
9	4,498,397	4,496,922	5,849,330	5,059,714	4,723,864
10	164,243,883	112,924,759	100,089,289	103,524,167	94,279,104
Total Nos. 1 to 10	194,756,436	147,701,401	146,008,344	143,592,094	128,931,000
11	33,754,528	30,773,792	26,481,992	30,598,351	35,935,184
12	60,311,145	52,960,876	49,703,940	56,063,663	55,703,580
13	15,698,166	12,756,940	13,582,590	13,766,444	10,794,701
14	16,246,392	17,030,927	20,745,151	20,793,836	20,965,289
15	7,513,172	7,112,574	7,263,783	6,837,194	7,271,050
16	38,886,338	39,654,170	39,808,802	30,792,649	34,271,996
17	11,286,171	13,194,367	10,543,638	10,501,908	10,404,077
18	15,699,913	13,574,473	15,329,528	15,451,191	15,259,184
19	6,705,178	8,347,811	8,731,857	8,767,825	7,478,912
20	137,911,546	158,365,138	133,137,023	147,613,410	134,514,830
Total Nos. 11 to 20	344,012,549	353,771,068	325,328,304	341,176,470	332,598,753
21	18,296,953	19,890,168	19,680,249	19,881,501	18,578,004
22	26,162,943	31,337,387	34,375,122	33,674,744	34,259,029
23	2,075,015	2,498,102	1,455,540	1,922,085	1,659,679
24	22,286,505	23,299,861	26,143,858	29,901,790	25,948,027
25	3,012,487	2,880,019	3,624,282	1,810,512	888,813
26	9,453,736	9,127,992	9,430,189	9,604,830	8,900,674
27	1,864,008	1,421,191	1,243,481	1,222,863	1,063,745
28	5,664,097	5,648,400	5,707,291	5,825,663	5,850,405
29	67,539	323,939	302,207	653,603	546,233
30	11,484,267	14,255,633	15,831,252	15,502,150	14,773,373
Total Nos. 21 to 30	100,367,550	110,682,692	117,793,471	119,999,741	112,467,942
31	145,413	389,162	665,804	939,696	842,395
32	4,349,544	4,438,536	5,378,071	5,116,849	5,661,161
33	1,132,330	2,039,153	1,973,702	2,316,279	1,568,036
34	2,271,825	2,298,338	3,091,685	3,006,249	2,075,533
35	1,252,054	1,517,810	1,010,555	226,841	236,331
36	1,668,566	1,869,989	2,879,440	2,716,687	1,369,150
37	600,190	226,551	99,807	68,270	431
38	874,258	573,767	623,988	520,128	205,733
39	25,041	3,341	3,280	20,755	20,957
40	3,010,598	3,551,883	6,478,807	5,482,024	3,595,358
Total Nos. 31 to 40	15,329,819	16,908,330	21,710,139	20,393,778	15,675,065
Above 40	931,197	1,421,002	2,705,546	4,682,952	3,584,066
Wastes, etc.	221,280	68,822	226,272	41,046	70,029
TOTAL	655,618,831	630,553,315	613,772,076	629,886,081	593,206,855

DETAILED STATEMENT of the QUANTITY (in pounds and their equivalent in yards) and DESCRIPTION of WOVEN GOODS produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10

## BOMBAY PRESIDENCY

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey goods—</i>										
Chadars . . . . .	13,218,664	38,643,882	14,046,432	41,818,310	13,370,408	36,928,278	11,642,655	34,453,950	15,665,426	45,545,099
Dhutis . . . . .	25,489,834	117,824,056	20,602,112	147,900,854	39,752,418	200,175,326	37,373,084	193,545,897	30,428,774	201,324,040
Drills and jeans . . . . .	2,305,097	8,181,218	2,030,897	7,482,627	2,798,649	10,276,237	3,038,428	11,433,485	3,095,313	11,397,825
Cambrics and lawns . . . . .	155,409	1,085,187	480,808	3,176,981	474,964	3,033,639	401,579	2,604,640	555,622	3,970,426
Printers . . . . .	5,365,547	26,020,309	4,035,231	23,702,964	4,777,314	22,468,092	4,634,305	21,438,012	6,145,584	27,798,935
Shirtings and longcloth . . . . .	30,746,125	172,643,432	33,861,892	173,220,097	43,092,761	186,632,370	43,625,943	186,283,700	50,384,671	214,873,300
T—cloth, domestics, and sheetings . . . . .	20,080,249	94,351,949	19,241,832	94,005,926	19,687,123	97,203,206	20,302,304	102,680,024	23,917,673	112,756,420
Tent cloth . . . . .	..	..	940,153	1,922,309	1,103,492	2,218,848	1,137,716	2,285,230	913,599	1,859,046
Other sorts . . . . .	2,267,624	7,964,368	1,524,805	6,605,908	2,360,242	9,866,821	2,980,235	11,847,781	3,248,945	18,487,515
<b>TOTAL</b>	108,623,549	466,714,401	111,682,212	499,836,474	127,417,376	570,304,317	125,636,720	566,572,719	143,355,607	633,012,606
<i>Coloured piece goods</i>			21,042,546	89,480,307	25,081,439	107,022,134	27,281,532	112,273,899	38,146,695	158,241,088
<i>Grey and coloured goods other than piece goods</i>	22,552,374	(a)	1,294,722		1,574,249		1,356,164		1,443,579	
<i>Hosiery</i>	652,227		321,162		396,743		330,738		351,000	
<i>Miscellaneous</i>	382,166		603,063		497,626		382,475		417,111	
<b>TOTAL</b>	131,808,452	466,714,401 <sup>(c)</sup>	134,735,665	589,316,781	154,644,775	677,326,951	154,684,148	672,846,618	183,395,689	791,253,704
	382,166		642,162		667,406		573,161		617,978	

## BOMBAY ISLAND

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey goods—</i>										
Chadars . . . . .	10,410,928	29,223,481	11,359,701	32,892,789	11,122,033	31,953,060	9,395,365	27,556,030	11,925,407	34,777,365
Dhutis . . . . .	6,759,645	29,200,030	8,593,598	40,237,777	14,287,318	69,743,320	11,770,278	57,751,380	11,290,950	56,699,757
Drills and jeans . . . . .	2,251,452	7,999,924	1,960,603	7,215,877	2,668,014	9,774,065	2,792,833	10,509,410	2,834,519	10,469,408
Cambrics and lawns . . . . .	131,513	918,586	394,924	2,585,677	336,855	2,212,174	273,114	1,859,048	374,779	2,508,387
Printers . . . . .	672,391	3,235,313	353,328	1,740,434	195,644	984,510	79,459	408,456	56,413	310,383
Shirtings and longcloth . . . . .	32,742,305	145,959,909	32,180,643	147,986,140	35,289,915	159,413,844	34,004,115	151,290,442	39,100,094	173,587,444
T—cloth, domestics, and sheetings . . . . .	18,481,074	85,714,353	17,764,448	85,745,366	18,362,542	89,110,421	19,355,423	93,638,531	21,721,497	102,004,141
Tent cloth . . . . .	..	..	759,290	1,550,103	1,023,921	2,056,195	1,004,478	2,022,515	740,844	1,519,539
Other sorts . . . . .	1,489,897	4,827,063	784,106	3,646,068	942,147	4,363,589	1,022,573	4,671,316	1,041,056	4,859,232
<b>TOTAL</b>	72,939,205	307,078,709	74,130,341	323,600,231	84,234,189	369,616,178	79,697,638	349,707,123	89,086,159	386,735,706
<i>Coloured piece goods</i>			20,128,988	84,969,393	24,047,597	102,201,270	25,833,813	105,931,953	35,278,742	145,489,049
<i>Grey and coloured goods other than piece goods</i>	21,507,567	(a)	1,287,569		1,569,129		1,338,332		1,423,941	
<i>Hosiery</i>	652,226		319,935		395,823		326,722		344,474	
<i>Miscellaneous</i>	382,166		603,063		497,626		382,475		417,111	
<b>TOTAL</b>	95,164,298	307,078,709 <sup>(c)</sup>	96,263,083	408,569,624	110,422,623	471,817,443	107,274,580	455,639,081	126,217,923	532,224,755
	382,166		640,935		665,487		567,743		601,539	

NOTE.—The suburb of Coorla in the Thana district is treated for statistical purposes as part of the Island of Bombay  
(a) Information not available  
(b) The production of these articles is not reported by weight  
(c) Incomplete



## No. 6—continued

DETAILED STATEMENT of the QUANTITY (in pounds and their equivalent in yards) and DESCRIPTION of WOVEN GOODS produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10—continued\*

## AHMEDABAD

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey goods—</i>										
Chadars . . . . .	2,277,487	7,902,599	2,267,727	7,694,286	1,657,211	5,352,000	1,836,522	5,778,992	3,213,736	9,288,053
Dhutis . . . . .	17,741,635	84,567,432	19,578,670	101,020,633	23,958,862	120,300,325	22,044,814	119,605,220	23,630,020	124,217,852
Drills and jeans . . . . .	26,141	103,715	48,819	206,769	83,516	359,547	130,177	539,752	161,736	624,175
Cambrics and lawns . . . . .	23,895	186,601	77,003	498,198	133,279	821,309	101,654	687,294	172,630	1,413,126
Printers . . . . .	2,849,880	14,691,182	2,868,853	14,365,695	2,969,625	14,480,346	3,079,208	14,632,587	4,209,625	19,141,324
Shirtings and longcloth . . . . .	2,653,179	12,593,095	2,421,818	11,026,486	2,977,254	8,739,912	3,350,350	15,344,951	5,173,762	22,189,832
T—cloth, domestics, and sheetings . . . . .	593,535	4,109,771	575,074	4,131,689	688,745	4,909,420	900,412	6,339,442	1,747,699	8,486,336
Tent cloth . . . . .			100,170	200,800	35,702	75,401	45,475	90,040	45,226	87,470
Other sorts . . . . .	506,579	2,283,705	426,804	1,851,155	647,932	2,798,161	1,046,683	4,282,604	1,045,336	5,076,789
<b>TOTAL</b>	<b>26,672,281</b>	<b>126,398,080</b>	<b>28,364,938</b>	<b>140,955,711</b>	<b>31,257,126</b>	<b>157,837,321</b>	<b>32,535,295</b>	<b>167,100,882</b>	<b>80,399,770</b>	<b>100,524,057</b>
<i>Coloured piece goods</i>			672,123	3,555,959	526,705	2,819,405	669,078	3,352,651	1,255,027	6,284,197
<i>Grey and coloured goods other than piece goods</i> { Doz. (b)	926,748	(a)	3,584		684		12,098		15,209	
<i>Hosiery</i> { Doz. (b)			621		183		3,075		5,436	
<i>Miscellaneous</i> { Doz. (b)	10						5,481		20,727	
							1,400		9,912	
<b>TOTAL</b> { Doz.	<b>27,599,039</b>	<b>126,398,080</b>	<b>29,040,645</b>	<b>144,511,670</b>	<b>31,784,516</b>	<b>160,656,726</b>	<b>33,221,902</b>	<b>170,453,533</b>	<b>40,600,733</b>	<b>196,809,154</b>
			621		183		4,475		15,348	

## MADRAS

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey goods—</i>										
Chadars . . . . .	..	..	499,950	966,116	360,227	687,292	277,186	538,888	404,985	813,767
Dhutis . . . . .	290,544	1,045,461	477,487	1,950,487	355,561	1,449,634	192,307	775,607	180,862	556,012
Drills and jeans . . . . .	817,602	2,422,899	1,785,492	6,300,233	1,761,099	6,195,627	1,536,173	5,976,800	1,268,610	4,209,298
Cambrics and lawns . . . . .	..	..	..	..	..	..	..	..	..	..
Printers . . . . .	..	..	..	..	..	..	..	..	..	..
Shirtings and longcloth . . . . .	92,996	334,246	..	..	..	..	..	..	..	..
T—cloth, domestics, and sheetings . . . . .	1,975,961	6,709,558	933,244	3,875,668	676,497	2,581,032	312,959	1,042,587	924,638	3,206,090
Tent cloth . . . . .	..	..	29,926	61,706	28,012	51,067	29,397	59,883	16,943	27,410
Other sorts . . . . .	578,473	2,112,287	120,300	398,237	397,981	1,376,883	429,719	1,485,967	410,489	1,431,993
<b>TOTAL</b>	<b>3,755,576</b>	<b>12,624,401</b>	<b>3,791,399</b>	<b>13,552,452</b>	<b>3,579,377</b>	<b>12,341,585</b>	<b>2,777,691</b>	<b>9,870,741</b>	<b>3,156,527</b>	<b>10,244,560</b>
<i>Coloured piece goods</i>			4,092,698	18,133,282	2,928,784	12,510,821	4,772,222	14,751,545	4,523,362	13,681,906
<i>Grey and coloured goods other than piece goods</i> { Doz. (b)	4,366,867	(a)	67,494		85,162		46,250		58,223	
<i>Hosiery</i> { Doz. (b)			15,236		15,047		11,491		14,566	
<i>Miscellaneous</i> { Doz. (b)	13,948		965				629		339	
<b>TOTAL</b> { Doz.	<b>8,136,391</b>	<b>12,624,401</b>	<b>7,952,556</b>	<b>26,685,734</b>	<b>7,593,323</b>	<b>24,852,406</b>	<b>7,596,792</b>	<b>24,622,286</b>	<b>7,738,451</b>	<b>23,926,476</b>
			15,236		15,047		11,491		14,566	

(a) Information not available  
(b) The production of these articles is not reported by weight  
(c) Incomplete

No. 6—continued

DETAILED STATEMENT of the QUANTITY ( in pounds and their equivalent in yards) and DESCRIPTION of WOVEN GOODS produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10—continued

BENGAL

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey goods—</i>										
Chadars . . . . .	110,479	416,786	125,232	390,917	66,792	165,500	219,388	905,617	150,574	486,583
Dhutis . . . . .	231,208	1,151,240	419,170	2,077,698	537,627	2,336,241	629,960	2,958,566	899,658	4,533,442
Drills and jeans . . . . .	6,853	33,102	875	3,892	31,925	90,456	145,130	544,802	178,854	738,050
Cambrics and lawns . . . . .	1,191	5,740	..	..	..	..	154	488	..	..
Printers . . . . .	..	..	..	..	..	..	36,957	164,924	22,266	96,233
Shirtings and longcloth . . . . .	37,711	147,639	467,798	2,383,366	820,470	3,221,163	458,019	2,158,008	730,432	3,649,831
T—cloth, domestics and sheetings . . . . .	103,765	742,850	142,911	982,287	296,376	1,739,608	846,155	2,062,617	680,689	3,877,541
Tent cloth . . . . .	..	..	..	..	40	120	348,987	1,609,333	16,776	95,129
Other sorts . . . . .	321	2,144	906	4,320	51,048	210,796	551,812	5,831,459	59,914	318,706
TOTAL . . . . .	491,523	2,518,501	1,156,892	5,847,880	1,804,188	7,763,884	2,731,562	16,230,819	2,738,168	13,790,508
<i>Coloured piece goods</i> . . . . .			8,439	36,978	38,243	146,912	77,600	366,126	88,273	379,090
<i>Grey and coloured goods other than piece goods</i> . . . . .	14,392	(a)	..	..	..	..	..	..	..	..
<i>Hosiery</i> . . . . .	..	..	..	..	..	..	..	..	..	..
<i>Miscellaneous</i> . . . . .	151,360	..	150,918	..	91,842	..	52,116	..	60,200	..
TOTAL . . . . .	657,275	(a)2,518,501	1,316,249	5,884,858	1,934,073	7,910,796	2,861,278	16,596,945	2,876,681	14,169,596

UNITED PROVINCES of AGRA and OUDH (also AJMER-MERWARA)

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey goods—</i>										
Chadars . . . . .	807,221	763,215	228,078	558,771	270,393	662,347	268,254	628,121	377,028	376,301
Dhutis . . . . .	2,418,817	10,445,762	2,189,646	10,472,432	3,036,762	13,569,461	3,364,944	15,365,698	3,385,698	18,453,089
Drills and jeans . . . . .	310,028	732,030	469,278	1,596,101	379,071	1,186,093	522,254	1,593,991	361,983	1,057,582
Cambrics and lawns . . . . .	5,930	33,467	24,489	136,572	12,198	84,167	10,663	57,992	437	2,362
Printers . . . . .	136,212	526,535	70,386	298,776	63,489	301,748	38,628	195,835	55,798	270,596
Shirtings and longcloth . . . . .	1,477,273	7,022,171	1,355,568	6,975,986	1,779,632	8,291,362	2,469,141	9,733,923	2,711,493	9,848,050
T—cloth, domestics, and sheetings . . . . .	2,007,343	6,710,113	1,723,233	6,109,120	1,842,663	6,635,702	1,422,406	4,376,143	1,647,926	5,696,260
Tent cloth . . . . .	..	..	880,136	2,375,928	1,123,208	3,226,140	1,154,407	3,271,096	1,167,765	3,375,746
Other sorts . . . . .	896,912	3,013,638	72,639	240,371	117,753	889,868	132,115	329,205	284,216	924,653
TOTAL . . . . .	7,559,736	29,296,981	7,018,893	28,764,607	8,680,149	34,346,888	9,382,812	36,056,964	10,542,344	40,510,541
<i>Coloured piece goods</i> . . . . .			113,044	120,423	23,394	145,514	32,096	161,726	58,352	250,199
<i>Grey and coloured goods other than piece goods</i> { Doz. (b) }	83,195	(a)	23,478	..	134,753	..	157,169	..	166,241	..
<i>Hosiery</i> { Doz. (b) }	..	..	19	..	..	..	..	..	..	..
<i>Miscellaneous</i> . . . . .	..	..	22	..	..	..	..	..	..	..
TOTAL . . . . . { Doz. }	7,645,931	(a)29,296,231	7,173,522	28,885,035	8,862,526	34,492,402	9,597,184	36,218,710	10,768,937	40,760,650
	..	..	33,405	..	42,626	..	47,113	..	53,276	..

(a) Information not available  
 (b) The production of these articles is not reported by weight  
 (c) Incomplete

## No. 6—continued

DETAILED STATEMENT of the QUANTITY (in pounds and their equivalent in yards) and DESCRIPTION of WOVEN GOODS produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10—continued

## PANJAB

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey goods—</i>										
Chadars . . . . .	8,758	27,588	7,248	14,285	27,575	77,080	42,944	115,240	11,612	80,837
Dhutis . . . . .	183,038	405,018	186,617	566,021	206,275	634,123	162,528	459,774	124,358	348,044
Drills and jeans . . . . .	789	2,216	46	135	281	881	19	44	129	307
Cambrics and lawns . . . . .	..	..	..	..	105	409	..	..	84	425
Printers . . . . .	..	..	..	..	..	..	..	..	..	..
Shirtings and longcloth . . . . .	..	..	929	5,448	16	110	9	24	4,428	6,592
T—cloth, domestics, and sheet- ings . . . . .	79,782	245,130	85,563	266,848	97,994	303,409	105,704	317,601	77,099	229,988
Tent cloth . . . . .	..	..	83	296	2,380	5,994	1,903	4,749	1,198	10,108
Other sorts . . . . .	41,088	96,017	61,065	120,921	97,128	182,127	138,382	271,752	94,565	182,612
<b>TOTAL</b> . . . . .	<b>268,450</b>	<b>775,982</b>	<b>341,551</b>	<b>971,954</b>	<b>431,104</b>	<b>1,204,133</b>	<b>451,489</b>	<b>1,166,384</b>	<b>313,418</b>	<b>811,908</b>
<i>Coloured piece goods</i> . . . . .	59,747		48,768	143,630	27,884	64,786	28,820	78,923	21,894	55,284
<i>Grey and coloured goods</i> { <i>other than piece goods</i> } Doz. (b)	..	(a)	1,118		3,482		12,750		4,941	
<i>Woollens</i> . . . . . } Doz. (b)	..		386		2,067		5,879		2,111	41
<i>Miscellaneous</i> . . . . .	845		2,688		1,500		9,292		6,352	1
<b>TOTAL</b> { Doz. . . . .	<b>324,042</b>	<b>(a)775,982</b>	<b>394,118</b>	<b>1,115,584</b>	<b>463,770</b>	<b>1,268,869</b>	<b>501,851</b>	<b>1,240,812</b>	<b>346,641</b>	<b>867,187</b>
	..		386		2,067		5,879		2,112	

## CENTRAL PROVINCES and BERAR.

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey goods—</i>										
Chadars . . . . .	671,152	1,854,490	632,594	1,863,872	374,845	1,230,572	386,372	1,065,875	535,116	1,558,012
Dhutis . . . . .	1,516,803	6,703,146	1,763,047	7,671,913	2,039,328	8,963,981	2,230,884	9,640,818	2,473,482	9,976,022
Drills and jeans . . . . .	781,693	3,060,380	839,742	3,577,552	933,186	3,795,547	1,268,664	5,128,790	1,217,936	4,615,844
Cambrics and lawns . . . . .	483	5,479	20	198	4,509	33,780	11,610	95,890	8,516	57,929
Printers . . . . .	493,928	2,333,031	399,784	1,845,249	343,404	1,615,038	278,391	1,276,808	389,476	1,783,630
Shirtings and longcloth . . . . .	1,113,834	4,588,874	834,871	3,444,632	771,216	3,164,940	848,086	3,340,056	1,133,661	4,417,986
T—cloth, domestics, and sheet- ing . . . . .	730,595	4,127,491	501,191	2,822,093	511,430	2,729,021	549,183	2,734,968	573,012	2,600,919
Tent cloth . . . . .	..	..	260,675	533,735	247,409	549,751	219,743	453,479	163,661	369,778
Other sorts . . . . .	680,385	1,820,084	326,397	1,078,763	460,704	1,508,077	419,820	1,355,540	643,380	1,991,258
<b>TOTAL</b> . . . . .	<b>5,988,573</b>	<b>24,497,975</b>	<b>5,608,321</b>	<b>22,843,007</b>	<b>5,685,981</b>	<b>23,590,702</b>	<b>6,262,763</b>	<b>25,992,224</b>	<b>7,143,190</b>	<b>27,371,378</b>
<i>Coloured piece goods</i> . . . . .			1,804,218	7,122,043	2,065,624	8,241,631	2,639,522	10,543,753	3,040,988	11,807,559
<i>Grey and coloured goods</i> { <i>other than piece goods</i> } Doz. (b)	1,314,133	(a)	15,811		17,827		19,604		19,629	
<i>Woollens</i> . . . . . } Doz. (b)	..		6,094		7,535		5,035		6,225	
<i>Miscellaneous</i> . . . . .	635,474		945		1,320		516		448	
<b>TOTAL</b> { Doz. . . . .	<b>7,938,195</b>	<b>(a)24,497,975</b>	<b>7,429,295</b>	<b>29,965,050</b>	<b>7,770,752</b>	<b>31,832,333</b>	<b>8,922,405</b>	<b>35,685,977</b>	<b>10,204,255</b>	<b>33,679,384</b>
	..		6,094		7,535		5,035		6,225	

(a) Information not available  
(b) The production of these articles is not reported by weight  
(c) Incomplete

No. 6—concluded

DETAILED STATEMENT of the QUANTITY (in pounds and their equivalent in yards) and DESCRIPTION of WOVEN GOODS produced in the COTTON MILLS in BRITISH INDIA in each year from 1905-06 to 1909-10—concluded

Description	1905-06		1906-07		1907-08		1908-09		1909-10	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<b>TOTAL OF BRITISH INDIA,</b>										
<i>Grey goods—</i>										
Chadars . . . . .	14,310,274	41,704,956	15,479,529	45,612,171	14,470,120	41,751,069	12,836,749	37,707,691	17,144,741	49,811,089
Dhutis . . . . .	30,080,239	137,579,681	34,638,079	170,039,455	45,977,971	227,128,816	44,008,687	222,743,360	40,986,827	235,195,649
Drills and jeans . . . . .	4,222,062	14,481,845	5,176,325	18,960,545	5,904,161	21,546,841	6,510,668	24,882,921	6,122,325	22,018,906
Cambrics and lawns . . . . .	163,013	1,129,873	514,317	3,313,751	491,776	3,151,995	424,006	2,759,000	564,659	4,031,642
Printers . . . . .	5,995,387	22,679,875	5,405,901	25,846,989	5,184,207	24,384,873	4,988,231	23,075,579	6,613,124	29,949,396
Shirtings and longcloths . . . . .	42,467,939	184,756,362	41,521,058	186,033,029	46,464,095	201,309,945	47,401,198	201,510,711	54,064,685	232,798,749
T-cloth, domestics, and sheetings . . . . .	24,077,695	112,887,091	22,637,974	108,061,942	23,111,493	111,191,978	23,539,216	113,714,140	27,820,977	128,367,218
Tent cloth . . . . .	..	..	2,119,973	4,899,474	2,509,491	6,051,920	2,887,158	7,674,765	2,279,942	5,787,208
Other sorts . . . . .	4,464,798	15,008,538	2,106,112	8,449,018	3,484,961	13,534,572	4,652,033	21,121,704	4,746,459	18,831,637
<b>TOTAL</b>	<b>126,687,407</b>	<b>536,423,221</b>	<b>129,599,268</b>	<b>571,816,374</b>	<b>147,593,175</b>	<b>650,052,009</b>	<b>147,243,046</b>	<b>654,989,871</b>	<b>167,244,239</b>	<b>725,741,494</b>
<i>Coloured piece goods</i>			27,025,147	110,036,668	31,170,668	128,131,748	34,831,292	138,170,977	45,874,564	183,015,403
<i>Grey and coloured goods other than piece goods</i> { Doz. (b)	28,893,713	(a)	1,492,187		1,815,478		1,591,937		1,891,613	
			376,261		464,013		400,306		427,178	
<i>History</i> { Doz (b)	652,227		608,082		497,627		387,904		437,879	
	382,166		321,022		270,663		242,423		266,979	
<i>Miscellaneous</i>	860,920		276,781		187,276		109,427		112,309	
<b>GRAND TOTAL</b> { Doz.	<b>156,600,276</b>	<b>(c)</b>	<b>159,001,465</b>	<b>681,853,042</b>	<b>181,269,219</b>	<b>778,183,757</b>	<b>184,163,806</b>	<b>793,180,848</b>	<b>215,360,604</b>	<b>909,656,897</b>
			697,283		734,681		642,729		694,157	

(a) Information not available  
 (b) The production of these articles is not reported by weight.

## No. 7

STATEMENT of the AMOUNT in rupees of EXCISE DUTY realised from GOODS WOVEN in the COTTON MILLS in BRITISH INDIA, under the Cotton Duties Act, II of 1896, in each year from 1895-96 to 1909-10

	Bombay	Madras	Bengal	United Provinces of Agra and Oudh (also Ajmer-Merwara)	Panjab	Central Provinces and Berar (a)	TOTAL BRITISH INDIA	
							Gross duty	Net duty
1895-96 (b) . . . . .	196	496	69	4,259	615	..	5,635	5,424
1896-97 . . . . .	9,14,480	56,300	4,480	45,870	13,270	89,040	11,23,440	10,91,590
1897-98 . . . . .	9,60,600	66,470	1,180	44,350	14,460	79,269	11,66,329	11,38,950
1898-99 . . . . .	11,26,300	89,180	900	61,000	12,780	84,969	13,75,119	13,53,120
1899-1900 . . . . .	10,95,236	88,678	2,523	54,818	10,448	88,109	13,39,812	13,09,514
1900-01 . . . . .	10,28,542	41,827	5,088	50,116	5,806	84,978	12,16,307	11,62,947
1901-02 . . . . .	15,20,103	54,139	5,863	69,284	4,379	1,10,140	17,69,908	17,16,836
1902-03 . . . . .	15,84,121	67,813	6,605	74,023	3,031	1,30,260	18,66,213	[18,25,469
1903-04 . . . . .	17,64,527	62,350	10,903	89,189	-1,104	1,59,371	20,77,449	20,36,104
1904-05 . . . . .	20,43,882	65,379	11,929	96,710	2,607	1,81,363	23,81,925	23,38,636
1905-06 . . . . .	22,78,425	1,10,943	11,165	1,32,364	5,144	1,63,743	27,06,734	26,71,061
1906-07 . . . . .	24,26,265	1,32,393	22,709	1,35,384	7,464	1,64,680	29,00,695	28,64,203
1907-08 . . . . .	28,32,298	1,35,131	31,556	1,66,044	8,743	1,75,944	33,09,717	32,55,946
1908-09 . . . . .	29,51,359	1,42,296	53,351	1,83,345	9,509	1,93,419	35,43,778	34,98,480
1909-10 . . . . .	33,88,658	1,45,333	55,322	1,92,552	6,611	2,17,217	40,06,193	39,61,020

(a) From the 1st October 1902 from which date the province was leased in perpetuity to the British Government  
(b) For February and March 1896

## JUTE MILLS

(TABLES 1 AND 2, PAGES 51 TO 53)

(Compiled from special returns received from Local Governments)

The record of the jute industry, as disclosed by these tables, is one of uninterrupted progress. The following statement shews quinquennial averages from the earliest year for which complete information is available; and the figures in brackets represent the variations for each period, taking the average of the quinquennium from 1879-80 to 1883-84 as 100. It will be seen that the number of looms and spindles in operation have increased to a very much larger extent than either the number of mills at work or the amount of nominal capital employed.

	No. of mills at work	Nominal Capital (in lakhs of Rs.)	Number (in thousands) of		
			Persons employed	Looms	Spindles
1879-80 to 1883-84	21 (100)	276.7 (100)	38.8 (100)	5.5 (100)	88 (100)
1884-85 to 1888-89	24 (114)	341.6 (126)	52.7 (136)	7 (127)	138.4 (157)
1889-90 to 1893-94	26 (124)	402.6 (149)	64.3 (166)	8.3 (151)	172.6 (196)
1894-95 to 1898-99	31 (148)	522.1 (193)	86.7 (223)	11.7 (213)	244.8 (278)
1899-1900 to 1903-04	36 (171)	680 (251)	114.2 (294)	16.2 (295)	334.6 (380)
1904-05 to 1908-09	46 (219)	960 (355)	165 (425)	24.8 (451)	510.5 (580)
1909-10	60 (286)	1,151 (425)	204.1 (526)	31.4 (571)	645.9 (734)

The production of the mills has increased to a still greater extent. The following figures shew the exports of jute manufactures and the declared values for the quinquennial periods. The combined value of gunny bags and gunny cloth exported by sea in 1909-10 is nearly fourteen times as great as the average value of the exports in the period 1879-80 to 1883-84.

	Jute manufactures		
	Gunny bags in millions of number	Gunny cloths in millions of yards	Value in lakhs of Rs.
1879-80 to 1883-84	54.9 (100)	4.4 (100)	124.9 (100)
1884-85 to 1888-89	77 (140)	15.4 (350)	162.9 (130)
1889-90 to 1893-94	111.5 (203)	41 (932)	289.3 (232)
1894-95 to 1898-99	171.2 (312)	182 (4,136)	518 (415)
1899-1900 to 1903-04	206.5 (376)	427.2 (9,709)	826.5 (662)
1904-05 to 1908-09	257.8 (469)	698 (15,864)	1,442.7 (1,154)
1909-10	364.4 (664)	940.1 (21,366)	1,709.6 (1,369)

The exports of raw jute have also been marked by increases from year to year though the improvement has not been so rapid as in the case of manufactures. There was, however, a slight decrease in the exports for 1909-10 as compared with the figures for the preceding quinquennial period:—

	Jute, raw, in millions of awt.
1879-80 to 1883-84	7.5 (100)
1884-85 to 1888-89	8.9 (119)
1889-90 to 1893-94	10 (133)
1894-95 to 1898-99	12.3 (164)
1899-1900 to 1903-04	12.7 (169)
1904-05 to 1908-09	15.09 (201)
1909-10	14.6 (195)

The price of raw jute reached its highest point in 1906-07, the rate being Rs. 65 per bale; in 1907-08 it dropped to Rs. 42 per bale, and the fall was accentuated in 1908-09 and 1909-10 the price having declined to Rs. 36.4 and Rs. 31 per bale respectively. The following are the quinquennial average prices per bale (400 pounds) of ordinary jute calculated from the price current published by the Bengal Chamber of Commerce:—

	Price of jute ordinary, per bale of 400 lbs.		
	Rs.	a.	p.
1879-80 to 1883-84	23	8	0 (100)
1884-85 to 1888-89	23	3	2 (99)
1889-90 to 1893-94	32	6	5 (138)
1894-95 to 1898-99	30	12	0 (131)
1899-1900 to 1903-04	32	1	7 (137)
1904-05 to 1908-09	44	13	6 (191)
1909-10	3	0	0 (132)

The average prices of gunny cloth have been as follows:—

	Price of Hessian cloth 10½oz. 40" per 100 yds.		
	Rs.	a.	p.
1879-80 to 1883-84	10	7	11 (100)
1884-85 to 1888-89	8	0	7 (77)
1889-90 to 1893-94	10	6	6 (99)
1894-95 to 1898-99	9	11	8 (93)
1899-1900 to 1903-04	10	2	10 (97)
1904-05 to 1908-09	11	14	1 (112)
1909-10	9	3	6 (88)

# JUTE MILLS

## No. 1

*ABSTRACT STATEMENT of the PROGRESS of JUTE MILLS from 1879-80 to 1909-10*

	Number of mills at work	Nominal capital employed (as far as known) Rs. and £	Number of		
			Persons employed	Looms	Spindles
1879-80 .. .. .	22	{ R1,28,00,000 £1,392,350 }	27,494	4,946	70,840
1886-87 .. .. .	24	{ R1,29,00,000 £1,557,000 }	49,015	6,911	135,593
1887-88 .. .. .	25	{ R1,28,75,000 £1,757,000 }	56,007	7,339	146,302
1888-89 .. .. .	25	{ R1,26,25,000 £1,757,000 }	58,805	7,419	151,207
1889-90 .. .. .	26	{ R1,26,45,000 £1,757,000 }	59,541	7,704	156,866
1890-91 .. .. .	26	{ R1,37,50,000 £1,757,000 }	61,698	7,804	162,785
1891-92 .. .. .	26	{ R1,37,50,000 £1,757,000 }	65,423	8,295	172,696
1892-93 .. .. .	26	{ R1,68,50,000 £1,749,450 }	66,356	8,566	179,712
1893-94 .. .. .	27	{ R2,31,24,500 £1,159,980 }	68,291	9,180	191,228
1894-95 .. .. .	28	{ R2,47,07,250 £1,197,572 }	74,357	9,638	199,757
1895-96 .. .. .	28	{ R2,72,12,250 £1,297,222 }	78,114	10,169	214,679
1896-97 .. .. .	31	{ R3,05,58,250 £1,321,358 }	91,610	12,374	256,694
1897-98 .. .. .	34	{ R3,09,50,000 £1,491,358 }	94,546	12,835	273,447
1898-99 .. .. .	33	{ R3,34,50,000 £1,591,358 }	95,036	13,421	279,482
1899-1900 .. .. .	34	{ R3,58,00,000 £1,591,358 }	102,449	14,119	295,302
1900-01 .. .. .	36	{ R4,09,50,000 £1,691,358 }	111,272	15,340	317,348
1901-02 .. .. .	36	{ R4,35,08,040 £1,741,358 }	114,795	16,119	331,382
1902-03 .. .. .	38	{ R4,39,08,040 £1,741,358 }	118,904	17,189	352,214
1903-04 .. .. .	38	{ R4,03,55,000 £2,263,358 }	123,869	18,400	376,718
1904-05 .. .. .	38	{ R4,66,80,000 £2,283,358 }	133,162	19,991	409,170
1905-06 .. .. .	39	{ R5,06,80,000 £2,463,358 }	144,879	21,986	453,168
1906-07 .. .. .	44	{ R5,41,80,000 £2,718,358 }	166,895	25,284	520,504
1907-08 .. .. .	54	{ R6,18,80,000 £2,893,358 }	187,771	27,244	562,274
1908-09 .. .. .	56	{ R6,75,05,000 £2,913,358 }	192,181	29,525	607,358
1909-10 .. .. .	60	{ R7,14,05,000 £2,913,358 }	204,104	31,418	645,862

DETAILED STATEMENT of JUTE MILLS worked by STEAM in India in the official year 1909-10

Province, district, and place of working	CAPITAL (R and £)			Number of Looms	Number of spindles	AVERAGE DAILY NUMBER OF PERSONS EMPLOYED														
	Nominal share Capital	Paid-up share Capital	Debentures			Men	Women	Young persons	Children	TOTAL										
<b>BENGAL—</b>																				
<b>24-PARGANAS—</b>																				
<i>Worked by joint-stock companies—</i>																				
Baliaghata . . . . .	} £475,000	} £475,000	} £100,000	1,991	41,398	8,618	2,587	1,295	881	13,828										
Bally, Baranagore, North and South . . . . .																				
Budge-Budge . . . . .											27,00,000	26,97,600	6,00,000	814	17,368	3,096	507	2,385	1,167	7,155
Dakhindhari . . . . .											32,00,000	32,00,000	15,00,000	700	15,400	3,563	380	..	640	4,538
Garden Reach (Nos. 1 and 2) . . . . .											32,00,000	32,00,000	14,00,000	860	18,742	2,905	950	1,035	875	5,765
Garden Reach and Badertola . . . . .											37,80,000	37,80,000	12,00,000	1,108	22,440	5,970	1,300	749	84	8,103
Garifa . . . . .											50,00,000	38,50,000	16,00,000	1,255	23,152	5,773	1,167	..	1,038	7,978
Garulia (Nos. 1 and 2) . . . . .											2250,000	2250,000	..	943	19,516	4,257	1,484	685	193	6,619
Halisahar . . . . .											20,00,000	13,50,000	7,50,000	394	7,560	1,367	278	370	275	2,290
Jagatdal, North and South . . . . .											30,00,000	29,43,600	20,00,000	861	17,744	3,590	870	643	..	5,108
Jagatdal . . . . .											15,00,000	15,00,000	9,00,000	396	7,464	1,422	490	285	105	2,302
" . . . . .											20,00,000	20,00,000	10,00,000	400	7,696	1,920	313	..	252	2,485
Kamarhatty (A and B mills) . . . . .											32,00,000	32,00,000	12,75,000	827	17,784	4,884	1,028	429	135	6,474
Kanknarah (A and B mills) . . . . .											40,00,000	40,00,000	12,00,000	1,467	25,102	4,120	836	..	1,190	6,146
" (Upper, Middle and Lower) . . . . .											2335,000	2335,000	2205,000	1,700	32,808	6,135	1,224	..	763	8,172
Kanknarah (Bhatpara) . . . . .											27,00,000	27,00,000	10,00,000	600	11,100	2,400	550	..	350	3,300
Khardah (Nos. 1 and 2) . . . . .											54,00,000	45,00,000	16,00,000	1,343	23,364	5,971	1,795	..	1,398	9,164
Sealdah . . . . .											18,00,000	18,00,000	..	525	10,740	1,869	363	348	..	2,580
Soorah . . . . .											7,00,000	7,00,000	..	175	3,904	811	236	..	200	1,247
Titaghar (Nos. 1 and 2 mills) . . . . .											2450,000	2450,000	..	1,718	36,940	8,547	2,208	..	1,644	12,399
" . . . . .	20,00,000	15,00,000	15,00,000	700	13,732	4,035	732	..	598	5,415										
" . . . . .	23,00,000	23,00,000	6,00,000	640	13,375	2,650	637	466	120	3,873										
" . . . . .	16,00,000	16,00,000	10,00,000	400	8,244	1,627	445	..	345	2,417										
<i>Worked by private owners—</i>																				
Naroldanga (a) . . . . .	(a)	(a)	..	14	432	268	79	..	21	368										
<b>TOTAL, 24-PARGANAS</b>																				
	R5,00,80,000	R4,68,21,200	R1,91,25,000	} 19,328	401,505	65,843	20,457	8,695	12,324	127,219										
	£1,510,000	£1,510,000	£305,000																	
<b>HOOGHLY—</b>																				
<i>Worked by joint-stock companies—</i>																				
Champani . . . . .	R23,00,000	R23,00,000	R10,00,000	512	9,834	1,398	605	617	311	3,431										
" . . . . .	R30,00,000	R15,00,000	R9,00,000	430	9,030	1,715	600	95	390	2,800										
" . . . . .	} £197,000	} £197,000	} ..	} 494	} 10,876	} 2,008	} 737	} 351	} 341	} 3,487										
Rishra . . . . .																				
Chandernagore . . . . .	£71,358	£71,358	£71,358	354	7,144	1,773	488	..	303	2,564										
Serampore . . . . .	£145,000	£145,000	..	1,000	18,012	3,327	778	225	495	4,825										
Tolinipara . . . . .	2350,000	2350,000	..	1,053	22,976	4,552	1,278	611	811	7,252										
<i>Worked by private owners—</i>																				
Rishra . . . . .	2440,000(b)	2440,000(b)	..	750	15,530	4,275	958	247	401	5,881										
<b>TOTAL, HOOGHLY</b>																				
	R58,00,000	R33,00,000	R19,00,000	} 4,870	101,308	21,302	6,072	2,400	3,264	33,038										
	£1,208,358	£1,208,358	£71,358																	

(a) Not stated

(b) Worked by private owners

(c) Under liquidation



## No. 2—continued

DETAILED STATEMENT of JUTE MILLS worked by STEAM in India in the official year 1909-10—continued

Province, district, and place of working	CAPITAL (R and £)			Number of Looms	Number of spindles	AVERAGE DAILY NUMBER OF PERSONS EMPLOYED				
	Nominal share Capital	Paid-up share Capital	Debentures			Men	Women	Young persons	Children	TOTAL
<b>HOWRAH—</b>										
<i>Worked by joint-stock companies—</i>										
Bowria . . . . .	15,00,000	15,00,000	10,00,000	432	3,392	2,456	70	...	520	3,046
Fort Gloster (old and new) and Jagatdal . . . . .	28,00,000	28,00,000	10,00,000	986	20,136	6,134	694	12	702	7,542
Ghoosery . . . . .	7,00,000	7,00,000	6,15,800	586	10,770	3,405	628	447	80	3,560
Rajganj . . . . .	10,00,000	10,00,000	7,00,000	600	12,928	1,260	332	1,320	785	3,697
Ramkristopore . . . . .	43,75,000	43,75,000	20,00,000	1,380	30,592	5,680	1,765	...	920	8,365
Sankrail . . . . .	19,00,000	19,00,000	8,00,000	598	12,880	3,644	409	...	472	3,525
" . . . . .	14,00,000	14,00,000	7,00,000	400	8,409	1,680	268	770	440	3,158
Sibpur (old and new mills) . . . . .	17,50,000	17,50,000	23,50,000	519	11,128	1,461	641	730	590	3,422
" (Nos. 1 and 2) . . . . .	£200,000	£140,536	£50,000	968	20,946	4,147	1,081	...	458	5,686
<b>TOTAL, HOWRAH</b>	R1,54,25,000 £200,000	R1,54,25,000 £140,536	R91,65,500 £50,000	6,414	136,161	27,867	5,868	3,279	4,967	42,001
57 } 1909-10 {	R7,08,05,000 £2,913,358	R6,60,46,200 £2,853,894	R3,01,90,500 £426,358	31,110	688,992	135,012	32,417	14,374	20,455	202,258
53 } TOTAL, BENGAL { 1908-09 {	R6,69,05,000 £2,913,358	R6,20,16,700 £2,853,894	R2,81,90,500 £426,358	29,217	600,488	128,737	30,613	12,778	17,765	189,888
51 } 1907-08 {	R6,10,05,000 £2,893,358	R5,70,75,600 £2,708,894	R2,71,89,000 £311,358	26,935	555,842	126,190	30,009	12,417	17,291	185,907
<b>UNITED PROVINCES OF AGRA AND OUDH—</b>										
<b>CAWNPORE—</b>										
<i>Worked by joint-stock companies—</i>										
1 } 1909-10 (a) {	(a) 1,00,000	(a)	...	(a) 74	(a) 1,838	...	...	...	...	...
1 } Cawnpore . . . . . { 1908-09 {	1,00,000	(a)	...	74	1,838	346	7	...	42	395
1 } 1907-08 (b) {	3,75,000	3,75,000	...	75	1,400	201	12	...	62	275
<b>MADRAS—</b>										
<i>Worked by joint-stock companies—</i>										
<b>VIZAGAPATAM—</b>										
Chittivalasa . . . . .	(a)	(a)	(a)	154	3,328	938	173	...	103	1,214
<b>KISTNA—</b>										
Ellore . . . . .	5,00,000	4,48,500	...	10	1,704	309	111	152	60	632
2 } 1909-10 {	5,00,000	4,48,500	...	234	5,082	1,247	234	152	163	1,846
2 } TOTAL, MADRAS { 1908-09 {	5,00,000	4,48,500	...	234	5,082	1,311	290	...	297	1,898
2 } 1907-08 {	5,00,000	...	...	234	5,082	1,183	193	...	213	1,589
60 } 1909-10 {	R7,14,05,000 £2,913,358	R6,64,94,700 £2,853,894	R3,01,90,500 £426,358	31,418	645,862	136,259	32,701	14,526	20,618	204,104
56 } GRAND TOTAL { 1908-09 {	R6,75,05,000 £2,913,358	R6,24,65,200 £2,853,894	R2,81,90,500 £426,358	29,525	607,358	130,394	30,910	12,778	18,104	92,181
54 } 1907-08 {	R6,18,80,000 £2,89,358	R5,74,50,600 £2,708,894	R2,71,89,000 £311,358	27,244	562,274	127,574	30,214	12,417	17,566	187,771

(a) Not stated  
(b) Worked by private owners  
(c) Under liquidation  
(d) Figures for 1908-09

## PAPER MILLS

[TABLES 1 AND 2, PAGES 55 AND 56 ]

(Compiled from special official returns)

*N.B.*—Statistics of the paper mill at Gwalior which have hitherto been incorporated in this section have been excluded this year in accordance with the decision of the Government of India that the volumes constituting the *Statistics of British India* should be restricted to a presentation of statistics relating to British India only.

The number of paper mills at work in British India in 1909 was eight, three in Bengal, four in the Bombay Presidency, and one in the United Provinces. The estimated capital of these mills was about R50 lakhs. The value of the output reported rose from R74 lakhs in 1908 to R77·5 lakhs in 1909, the largest production in any single year on record.

The competition of cheap wood-pulp paper imported from Europe has checked the development of paper making by older methods in India, and the most successful mills are those which have Government contracts for the supply of cheap foolscap, blotting paper, notepaper, and envelopes. In 1905 the value of the paper manufactured in India and that imported were nearly R52 lakhs and R70 lakhs respectively. In 1909 the corresponding figures were R77·5 and R100 lakhs, the value of the imports having increased in the meantime by 43 per cent, while the internal production has increased by 49 per cent.

The values of country-made and imported paper during the last five years were as follows :

	Produced in Indian mills	Imported
	R	R
1905	51,86,729	69,95,855
1906	62,70,088	77,59,290
1907	71,24,268	94,34,865
1908	74,26,057	94,25,025
1909	77,53,327	1,00,02,675

## PAPER MILLS\*

No. 1

ABSTRACT STATEMENT of the PROGRESS of PAPER MILLS in BRITISH INDIA from 1885 to 1909

	NUMBER OF MILLS AT WORK	NOMINAL CAPITAL EMPLOYED AS FAR AS KNOWN	DAILY AVERAGE NUMBER OF PERSONS EMPLOYED	PRODUCTION	
				Quantity	Value
		R		lb	R
1885	6	27,68,000	968	11,407,327	16,19,954
1886	6	27,68,000	1,237	14,624,148	20,67,942
1887	6	28,68,000	1,455	15,526,264	23,06,446
1888	6	28,68,000	1,437	17,048,941	24,70,711
1889	6	31,68,000	1,493	17,919,530	26,25,795
1890	6	31,68,000	1,585	18,226,343	29,88,747
1891	7	38,69,000	1,858	23,375,752	37,00,132
1892	7	43,22,000	1,995	24,209,615	35,86,619
1893	7	43,22,000	2,773	27,877,828	41,24,651
1894	8	55,22,000	3,544	34,231,577	50,39,242
1895	7	56,72,000	3,594	39,927,687	60,86,339
1896	7	56,72,000	3,613	40,707,589	58,71,159
1897	7	56,72,000	3,532	38,581,703	56,82,161
1898	7	56,72,000	4,187	42,181,500	61,06,459
1899	7	61,72,000	4,436	44,428,440	62,40,905
1900	7	61,22,000	4,871	45,940,591	62,51,748
1901	8	67,20,000	4,978	46,713,125	65,83,724
1902	7	67,20,000	4,865	46,654,893	64,38,319
1903	8	41,00,000 £122,200	4,523	43,633,870	59,14,799
1904	7	45,00,000 £122,200	4,266	45,097,802	61,49,446
1905	6	48,15,000	4,012	44,146,157	51,86,729
1906	7	48,15,000	4,421	47,153,013	62,70,088
1907	7	50,35,000	4,959	53,986,767	71,24,268
1908	8	50,25,000	4,784	55,351,540	74,26,057
1909	8	50,35,000	4,645	55,452,980	77,53,327

\* NOTE—Figures for the Paper Mills at Gwalior have been excluded from the entire set of statistics

## No. 2

## DETAILED STATEMENT of the PAPER MILLS in BRITISH INDIA on the 31st December 1909

LOCALITY	NAMES OF MILLS	WHEN ESTABLISHED	CAPITAL OF JOINT-STOCK COMPANIES (N=NOMINAL P=PAID-UP D=DEBENTURES)	AVERAGE DAILY NUMBER OF PERSONS EMPLOYED	PRODUCTION		DESCRIPTION OF PAPER
					Quantity	Value	
<b>BENGAL—</b>							
Titagarh	Titagarh No. I	1882	N. 26,00,000 P. 25,85,000 D. 10,00,000	1,194	—	—	Blotting, foolscap, coloured cartridge, E.S. and P.S. writing, white printing, badámi, brown and supercalendered writing
Kanknara (24-Paraganas)	Titagarh No. II*	1903		1,271			
Raniganj	Bengal	1890	N. 6,00,000 P. 3,99,500 D. 5,07,650	1,054	—	—	Superior badámi printing, writing and cartridge, etc.
TOTAL FOR BENGAL			N. 32,00,000 P. 29,84,500 D. 15,07,650	3,519	44,241,193	61,11,458	
<b>UNITED PROVINCES OF AGRA AND OUDH—</b>							
Lucknow	Upper India Couper	1879	N. 8,00,000 P. 8,00,000	663	—	—	Brown, badámi, white printing, blotting, cream laid, white cartridge, Govt. stamp paper, and laid, etc.
<b>BOMBAY—</b>							
Island of Bombay	Girgana	*1862	N. 2,00,000† P. 2,00,000	50	—	—	Brown paper
Surat	Mahamadbbhai Jamaluddin	1878	N. 35,000† P. 35,000	30	—	—	Country white paper
	Gaskwar	1901	N. 3,00,000 P. 31,405	27	—	—	Brown blotting paper
Poona	Reay	1885	N. 5,00,000 P. 4,99,135	356	—	—	Writing, printing, blotting, brown, etc.
TOTAL FOR BOMBAY			N. 10,35,000 P. 7,65,540	463	3,176,907	5,53,730	
TOTAL FOR BRITISH INDIA			N. 50,35,000 P. 45,59,040 D. 15,07,650	4,645	55,452,980	77,53,327	

\* Originally established in 1893 as the Imperial Paper Mills and re-established in 1903  
† Private Capital

## WOOLLEN MILLS

[TABLES 1 AND 2, PAGES 58 AND 59]

(Compiled from special official returns)

*N.B.*—Statistics of the Woollen Mills in the Mysore State which have hitherto been incorporated in this section have been excluded this year in accordance with the decision of the Government of India that the volumes constituting the *Statistics of British India* should be restricted to a presentation of statistics relating to British India only.

Of the five woollen mills of British India, one went into liquidation at the beginning of 1908, and of the remaining four, three represent a paid-up capital of Rs36,50,000 (£243,333), while the capital of the fourth, a small private mill at Bombay, is not stated. Two of the mills, those at Cawnpore in the United Provinces, and at Dhariwal in the Panjab, have between them a paid-up capital of 30 lakhs (£200,000) or 82 per cent of the whole, and produce 89 per cent of the total outturn of the Indian mills. They weave cloth for the use of the army and police, and articles of superior quality generally, using for the high class goods Australian wool either pure or mixed with Indian wool.

There was a net increase during the year under review both in the number of looms and spindles. The year 1905 was a record year in respect of both the quantity and the value of the goods produced. In 1906 and 1907, owing to the high price of wool, there was a considerable shrinkage in production; a distinct recovery is revealed by the statistics for 1908, the figures surpassing even the record of 1905; and though no advance on these figures was made in 1909 still it may be noted that the output of the mills this year was larger than in any other preceding year.

The quantity of woollen goods imported into India is very much greater than the production of the Indian mills. Piece-goods and shawls from the United Kingdom and Germany make up the bulk of the imports. The values of country-made and imported woollen goods compare as follows:

	Produced in Indian mills	Imported
	R	R
1905 . . . . .	40,96,865	2,50,10,895
1906 . . . . .	33,73,252	2,00,08,545
1907 . . . . .	32,75,260	2,62,24,800
1908 . . . . .	42,85,988	3,11,74,770
1909 . . . . .	39,99,129	2,01,94,915

There are in various places factories for the weaving of carpets and rugs, and of *pattu* and *pashmina*, but though these industries are in the aggregate extensive, they are individually small, and weaving is done in hand-loom.

The exports of woollen goods from India consist almost entirely of carpets and rugs, of which about three-fourths go to the United Kingdom and the greater part of the remainder to the United States. The value of Indian carpets and rugs exported during the last five calendar years is as follows:

	R		R
1905 . . . . .	17,87,340	1908 . . . . .	23,13,195
1906 . . . . .	20,62,845	1909 . . . . .	20,97,690
1907 . . . . .	23,70,340		

## WOOLLEN MILLS

## No. 1

COMPARATIVE STATEMENT of the PROGRESS of WOOLLEN MILLS in BRITISH INDIA from 1885 to 1909

	NUMBER OF MILLS AT WORK	NOMINAL CAPITAL EMPLOYED	NUMBER OF			QUANTITY AND VALUE OF PRODUCTION	
			PERSONS EMPLOYED	LOOMS	SPINDLES	lb	R
1885	3	13,00,000	1,145	(a)	(a)	965,149	8,98,048
1886	3	14,00,000	1,308	229	5,160	768,037	5,12,408
1887	3	14,00,000	1,283	250	6,608	1,079,484	6,00,139
1888	3	14,00,000	1,350	263	7,088	1,056,336	10,70,507
1889	1(c)	6,00,000	900	257	7,088	641,874	5,80,695
1890	4	20,75,000	2,024	504	16,370	1,320,052	12,99,932
1891	4	22,50,000	2,442	506	16,430	1,560,419	16,68,947
1892	4	25,50,000	2,860	506	16,430	1,695,060	20,41,626
1893	4	25,50,000	2,952	500	16,540	1,870,928	18,78,718
1894	4	25,50,000	2,730	501	16,728	1,532,990	17,78,394
1895	4	28,50,000	2,849	503	16,684	2,119,704	24,81,029
1896	5	28,50,000	2,842	502	18,098	2,083,126	23,81,932
1897	4	29,00,000	2,815	520	18,768	2,085,085	25,55,024
1898	3	38,50,000	2,977	550	20,356	2,416,737	28,20,886
1899	3	38,50,000	2,566	540	21,418	1,974,614	22,88,812
1900	3	38,50,000	2,584	550	21,418	2,712,629	28,09,778
1901	3	38,50,000	2,625	550	21,418	2,844,704	29,32,827
1902	3	38,50,000	2,557	624	23,806	2,148,368	24,59,650
1903	5	(d)38,89,000	2,816	633	23,806	2,226,722	26,91,105
1904	5	(d)40,25,000(e)	3,197	692	24,521	2,764,545(f)	34,42,136
1905	5	(d)40,25,000	3,149	676	25,977	3,064,467	40,96,865
1906	5	(d)40,25,000	3,162	724	25,517	2,622,299	33,73,252
1907	5	(d)40,25,000	3,244	779	27,300	2,630,148	32,75,260
1908	4	(g)38,50,000	3,211	740	27,653	3,394,395	42,85,988
1909	4	(g)38,50,000	3,187	763	28,853	3,209,434	39,99,129

(a) Information not available

(b) Incomplete

(c) Two mills ceased to work

(d) Capital of four of the mills

(e) The capital of one of the mills was increased by Rs. 1,36,000

(f) The quantity produced by one of the mills was not reported

(g) Capital of three mills only

NOTE.—Figure for the Bangalore Woollen Mills have been eliminated from this table

## No. 2

STATEMENT of the WOOLLEN MILLS in BRITISH INDIA on the 31st December 1909

LOCALITY	NAMES OF MILLS	WHEN ESTABLISHED	CAPITAL OF JOINT-STOCK COMPANIES (N=NOMINAL P=PAID-UP)	NUMBER OF		AVERAGE DAILY NUMBER OF PERSONS EMPLOYED	DESCRIPTION OF GOODS
				LOOMS	SPINDLES		
<b>UNITED PROVINCES OF AGRA AND OUDH--</b>							
Cawnpore	Cawnpore Woollen Mills	1876	N.20,00,000 P.18,00,000	330	14,497	1,815	Blankets, greatcoat cloths, serges, broadcloths, flannels, woollen and worsted materials generally, including hosiery, travelling rugs, doormats, worsted cushions, knitting yarns, Berlin wool, braid, felt, and other kinds.
<b>PANJAB--</b>							
Dhariwal	New Egerton Woollen Mills	1880	N.12,00,000 P.12,00,000	317	9,364	935	Broadcloths, blankets of all kinds, greatcoat cloths (army and suiting), serges and flannels (army and suiting), shawls, travelling rugs, braid, Berlin wool, knitting yarns, worsted socks, hosiery including Cardigan jackets, jerseys, cholera belts, Balaclava caps, gloves, and putties.
<b>BOMBAY--</b>							
Island of Bombay	Bombay Woollen Manufacturing Company's Mills	1888	N.6,50,000 P.6,50,000	116	4,992	370	Blankets, army cloth and knitting yarn.
	Coronation Woollen Mill	1902	Private	..	..	67	Socks, jerseys, stockings, mittens, Mali and Balaclava caps, etc.
	<b>TOTAL FOR BOMBAY</b>		N.6,50,000 P.6,50,000	116	4,992	437	
	<b>TOTAL FOR BRITISH INDIA</b>		N.38,50,000 P.36,50,000	763	28,853	3,187	

## MINERAL PRODUCTION

[TABLES 1 TO 4, PAGES 63 TO 68]

*N.B.*—Statistics of the Mineral Production in Native States (the Nizam's Territory, Mysore, Rajputana, the Central India), which have hitherto been incorporated in this section, have been excluded this year, in accordance with the decision of the Government of India, that the volumes constituting the *Statistics of British India* should be restricted to a presentation of statistics relating to British India only.

The minerals for which figures are recorded in these tables are those comprised in Group I of the minerals dealt with in the Records of the Geological Survey of India, that is, those minerals for which approximately accurate and full returns are obtainable.

*Salt.*—Statistics are supplied annually by all Local Governments and Administrations. Full details of the production and consumption of salt and the administration of the Salt revenue are contained in Part IV (b)—Finance and Revenue—of “Statistics of British India”.

*Coal.*—The figures are compiled chiefly from the Statutory returns of the output furnished to the Chief Inspector of Mines in India by the Managing Agents of mines regulated by the Indian Mines Act, VIII of 1901. Details regarding the coal mining industry in British India are given separately in section relating to Coal Mines ( pages 69 to 93 of this part).

*Gold.*—The figures are supplied by the Director, Geological Survey. The Governments of the Panjab, the United Provinces, and Burma include the production of gold in their annual statements of mineral production.

The only mine in British India from which gold was produced in 1909 was the one in the Dharwar district of Bombay, the output being 5,616 ounces valued at £21,331. In Madras, gold mining was carried on in the North Arcot district from 1893 till 1900, the highest yield (2,854 ounces) being obtained in the year 1898. Prospecting operations are now being carried out in the Anantapur district. The Kyaukpazat mine in Upper Burma was worked until 1903, when the pay chute was lost and the mine closed down. In 1902 dredging operations were started on the Irrawaddy river near Myitkyina, and 216 ounces of gold were obtained in 1904; the amount has steadily increased year to year and reached 8,445 ounces in 1909. The small quantity of gold produced in the Panjab, the Central Provinces, and the United Provinces is obtained by washing. Gold washing is carried on in a great many districts in India, but there is no complete record of the amount obtained in this way. The average earnings of the workers are very small, and the gold thus won is used locally for making jewellery.

*Petroleum.*—Returns of production are supplied by the Local Governments of Burma, Eastern Bengal and Assam, and the Panjab. Petroleum is found in India in two distinct areas—one on the east, which includes Assam, Burma, and the islands off the Arakan coast. This belt extends to the productive oil fields of Sumatra, Java, and Borneo. The other area is on the west, and includes the Panjab and Baluchistan, the same belt of oil-bearing rocks being continued beyond the borders of British India to Persia. Of these two the eastern area is by far the most important, and the most successful oil fields are found in the Irrawaddy valley. Yenangyaung is the oldest and most developed of these fields. Native wells have been at work here for over 100 years, and in 1886, prior to the annexation of Upper Burma, the output is estimated to have averaged over 2 million gallons a year. Drilling was begun in 1887. The output of the field rose to 10 million gallons in 1894, and to 40 million gallons in 1902. Since then progress has been more rapid and the output in 1909 was over 187 million gallons. The Yenangyat field yielded a very small supply of petroleum before 1891, in which year drilling was started by the Burma Oil Company. For some years progress was slow, but in 1903 the production reached 22 million gallons. Since then the output has decreased and was only 6 million gallons in 1909. Singu now holds the second place among the oil fields of India. Petroleum was struck at the end of 1901, and in 1903, 5 million gallons were obtained. In 1907 and 1908 the production of this field was 43 million gallons, but it dropped to 37 million gallons in 1909. Several of the islands off the Arakan coast are known to contain oil deposits, but their value is uncertain. 25,000 gallons were obtained from the Eastern Barongo Island near Akyab, and about 39,000 gallons from Ramri Island in the Kyaukpyu district during 1909. The existence of oil in Assam has been known for many years and an oil spring was struck near Makum in 1867. Nothing more, however, was done until 1883, and from that year up till 1902 progress was slow. Since that year the annual production has been between 2½ and 3½ million gallons.

On the west, oil springs have been known for many years to exist in the Rawalpindi and other districts in the Panjab. The total output of the province in 1909 was 720 gallons only. In Baluchistan, geological conditions are adverse, and though some small oil springs have been discovered, attempts to develop them have not hitherto been successful.

The consumption of kerosene in India (excluding Burma) is rapidly increasing and has risen from 76 million gallons in 1898 to over 145 million gallons in 1909. The enormous increase in the output of the Burma oil fields has reversed the position held by foreign and Indian oil in the market. In 1908-09, however, the proportion of foreign oil consumed was a little higher than that of Burma oil as a result of a contraction in her shipments concurrently with a large increase in imports from foreign countries but in 1909-10 Burma oil regained its position. Taking the total consumption of 1898 as equal to 100, the following figures shew the increase of consumption in the last twelve years. The figures in italics shew for each year the percentage of the total oil consumed during the year supplied by Indian produce and imports of foreign oil, respectively :—



## MINERAL PRODUCTION—continued

	Production (a)		Coasting Imports from Burma	Net Imports from Foreign countries of foreign oil	Exports by sea of Indian kerosine to foreign countries (excluding Burma)	Supply available for consumption in India (excluding Burma)	Index Number of column 6, taking the figures of 1898-99 as 100	Percentage of Indian oil consumed	Percentage of Foreign oil consumed
	Assam	Panjab(b)							
	gals.	gals.							
	1	2	3	4	5	6	7	8	9
1898-99	(b) 241,105	664	2,307,994	73,552,393	8	76,102,148	100	3.4	96.6
1899-1900	(b) 274,284	486	4,965,581	68,196,462	904	73,435,900	96.5	7.1	92.9
1900-01	157,550	824	8,269,468	70,240,144	20	78,667,966	103.4	10.7	89.3
1901-02	156,740	797	13,462,881	88,053,678	8	101,674,088	133.6	13.4	86.6
1902-03	495,297	852	17,449,748	79,942,552	5	97,888,444	128.6	18.3	81.7
1903-04	1,189,790	789	35,206,460	68,664,350	165,016	104,996,373	137.8	34.5	65.5
1904-05	1,439,054	729	42,729,092	71,313,014	379,791	115,102,098	151.2	38	62
1905-06	1,433,480	655	47,159,547	48,494,359	4,736	97,083,305	127.6	50	50
1906-07	1,589,595	462	61,834,405	51,001,860	24,658	114,401,664	150.3	55.4	44.6
1907-08	1,484,726	536	64,556,031	62,995,953	11,639	129,025,607	169.5	51.2	48.8
1908-09	1,503,384	223	62,279,006	81,365,581	1,989	145,146,205	190.7	43.9	56.1
1909-10	1,580,191	382	81,275,682	62,620,105	11,105	145,465,255	191.1	57	43

*Chromite.*—The exploitation of the chromite deposits in Baluchistan, which were discovered by the Geological Survey of India in 1901, was begun in 1903. In 1906 the output amounted to 4,375 tons, in 1907 to 7,274 tons, valued at R1,45,485, in 1908 to 4,135 tons, valued at R82,700 and in 1909 to 4,325 tons, valued at R86,500. At present the ore is raised entirely for export.

*Diamonds.*—In 1909, 111 carats were obtained from Banaganpalli, Karnul district, Madras.

*Graphite.*—Attempts to raise the mineral in Madras have not passed beyond the prospecting stage.

*Iron-ore.*—The iron-ore raised in Bengal amounts to 88 per cent of the reported total for British India. Elsewhere in British India, namely, in the Central Provinces, Madras, Burma, and the Panjab, operations are carried on on a very small scale for use in the small native furnaces. The value reported for the ore raised in Bengal works out to an average of R2.8 per ton. Elsewhere the ore is of richer quality and is raised at places distant from the railway and the ports. The reported values are therefore higher and an average value of R4 per ton has been adopted in the table since 1904 for all ore raised outside Bengal.

*Jadestone.*—The substance which passes as jadestone is mainly the mineral jadeite, which occurs in an altered igneous dyke intruded in serpentine in the Myitkyina district of Upper Burma. It is worked in an unadministered tract, and there are no reliable figures of production. The figures given in the tables are those of the exports by sea from Rangoon, together with the exports overland to China.

*Magnesite.*—It is worked only in the Chalk Hills near Salem in the Madras Presidency.

*Manganese ore.*—This industry commenced some eighteen years ago by quarrying the deposits of the Vizagapatam district, and from an output of 674 tons in 1892, the production rose rapidly to 92,008 tons in 1900 when the richer deposits in the Central Provinces were also attacked, and are now yielding a larger quantity of ore than the Vizagapatam mines. Since 1904, when the total output was 138,626 tons, the progress of the industry has been remarkable owing to the high prices prevailing. In 1905 production reached 217,176 tons, the following year it was more than doubled (475,110 tons), and in 1907 the figures again rose to 753,241 tons. In 1909, on account of the fall of prices the output fell to the still very high total of 592,500 tons. The ore raised in the Central Provinces is of a very high grade, ranging from 50 to 54 per cent of the metal, and in consequence of its high quality is able to pay the heavy tax of freight over 500 miles of railway, besides the shipment charges to Europe and America, for the whole of the ore is exported to be used principally in steel manufacture in the United-Kingdom, Germany, and the United States.

The largest proportion of ore is raised in the Nagpur and the Balaghat districts, the Bhandara district ranking next. Mining operations are also in progress in the Chhindwara district, in the Panch Mahals of Bombay, and the Vizagapatam district in Madras. The fall in prices in the latter part of 1907 produced by 1909 an almost complete cessation of mining for lower grades of ore at mines far removed from railways. Owing to an excess of production over exports the stocks on the mines at the end of 1908 stood at the high total of nearly 300,000 tons. The total value of each year's production of Indian manganese ore has been arrived at by taking the export value per ton in that particular year. The whole of this was not realised in 1907, 1908, and 1909

(a) Figures relate to calendar years ending 1909

(b) Estimated

MINERAL PRODUCTION—*concluded*

owing to actual exports being much less than the production. It is expected to be realised in succeeding years as the stocks are reduced.

*Mica*.—The chief centres of production are the Nellore district in Madras, and the Hazaribagh and Gaya districts of Bengal. Prospecting has been carried on in various districts of Madras, the Central Provinces, Upper Burma, and Assam. The quantity of mica produced in 1906 (46,780 cwts) showed a very large advance on the average of the preceding five years (21,000 cwts). In 1908 it was 47,309 cwts, but in 1909 it fell to 31,032 cwts.

*Rubies*.—The figures in the tables represent the quantity and value of the rubies raised by the Burma Ruby Mines, Ltd., in the Ruby Mines district of Upper Burma. There are no statistics available of the quantity and value of rubies raised by Indian miners in the district. Rubies are also found in the Mandalay and Myitkyina districts, but the production is on a very small scale. The large decrease in output and value in 1908 was due to a slump in the ruby market, but there was a slight recovery in value in 1909.

*Saltpetre (Nitrate of Potash)*.—This article, which is largely produced for export, was in former years of much greater importance than now, the diminished demand for gunpowder and for the preservation of food, with the competition of the nitrates, having operated to prevent an expansion of the exports. It is most largely produced in Bihar, whence the article is sent to Calcutta for export after refinement. The production of refined saltpetre in 1908-09 was 457,889 cwts but it fell to 369,273 cwts in 1909-10.

*Tin-ore*.—Tin-washing is carried on in the Tenasserim Peninsula, chiefly by Chinese immigrants in an uncertain and unsystematic way.

---

## MINERAL PRODUCTION

## No. 1

ABSTRACT STATEMENT of the QUANTITY and VALUE of SALT, COAL, GOLD, PETROLEUM and OTHER MINERALS produced in BRITISH INDIA in each year from 1890 to 1909

	SALT (a)		COAL (b)		GOLD		PETROLEUM	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	tons	₹	tons	₹	ounces	₹	gallons	₹
1890	1,051,810	58,56,675	1,965,193	63,28,055	1,694	96,518	4,132,287	2,82,173
1891	1,015,274	51,61,071	2,114,168	69,66,472	1,342	63,869	6,654,570	3,62,792
1892	894,898	43,95,446	2,299,472	75,13,684	961	50,565	8,479,943	3,63,631
1893	835,030	44,97,446	2,310,232	77,23,204	(c)	(c)	10,463,908	7,71,112
1894	1,297,146	76,96,157	2,450,545	90,92,190	324	18,528	11,452,649	11,26,744
1895	1,162,704	61,22,069	3,128,625	1,15,01,404	1,711	1,10,693	13,003,748	15,39,231
1896	1,024,073	51,12,626	3,485,631	1,13,28,960	2,891	1,69,979	15,049,289	17,89,167
1897	920,146	47,00,681	3,575,966	1,08,50,295	1,760	1,02,298	19,099,648	22,57,842
1898	1,026,919	53,53,910	4,078,337	1,27,36,092	4,019	2,32,247	22,234,438	11,52,316
1899	961,507	46,66,576	4,523,226	1,41,74,708	1,701	94,796	32,934,007	18,85,259
1900	1,054,596	48,73,427	5,475,662	1,74,62,970	1,640	70,258	37,729,211	22,31,325
1901	1,189,348	61,11,365	6,038,053	1,75,67,581	2,161	1,23,397	50,075,117	30,65,131
1902	1,098,674	51,43,079	6,779,877	1,73,16,326	2,304	95,484	56,607,688	32,67,245
1903	894,066	49,93,365	6,859,613	1,69,06,847	1,224	70,589	67,859,069	53,15,470
1904	1,170,684	65,53,938	7,566,038	1,78,97,257	909	52,081	118,491,382	71,09,566
1905	1,291,053	66,17,832	7,762,780	1,84,84,875	1,191	69,709	144,798,444	90,63,051
1906	1,225,031	63,05,549	9,112,663	2,54,50,350	2,854	1,65,650	140,553,122	86,13,576
1907	1,192,980	65,05,505	10,526,468	3,59,03,165	9,218	5,31,145	152,045,677	91,50,236
1908	1,367,827	76,41,217	12,149,020	4,69,44,932	15,690	8,95,949	176,646,320	1,05,30,139
1909	1,254,413	67,53,832	11,294,227	3,84,55,910	14,262	8,22,455	233,678,097	1,36,52,581
	CHROMITE		DIAMONDS		GRAPHITE		IRON-ORE	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	tons	₹	carats	₹	tons	₹	tons	₹
1890	..	..	..	..	..	..	23,796	58,383
1891	..	..	..	..	..	..	30,082	53,885
1892	..	..	..	..	..	..	23,650	60,222
1893	..	..	..	..	..	..	33,961	1,00,279
1894	..	..	..	..	..	..	33,846	90,683
1895	..	..	..	..	..	..	41,284	1,14,617
1896	..	..	..	..	..	..	10,254	18,538
1897	..	..	..	..	..	..	39,662	72,518
1898	..	..	..	..	..	..	46,555	1,13,177
1899	..	..	..	..	..	..	58,118	1,26,558
1900	..	..	..	..	..	..	60,383	1,17,936
1901	..	..	..	..	295	24,190	47,498	1,23,141
1902	..	..	..	..	307	24,560	79,686	2,01,678
1903	284	4,905	..	..	254	19,050	63,156	1,56,409
1904	3,596	62,048	..	..	67	5,159	68,050	1,57,212
1905	2,708	52,230	..	..	64	25,600	100,176	1,97,988
1906	4,375	1,07,821	..	..	4	160	71,646	1,60,272
1907	7,274	1,45,485	..	..	4	4	67,001	1,98,056
1908	4,135	82,700	..	..	..	..	57,056	1,50,883
1909	4,325	86,500	111	700	..	..	82,175	2,43,323

(a) Including Aden. For details see Part IV (b)

(b) For details see next section of this Part

(c) Not stated

No. 1—continued

ABSTRACT STATEMENT of the QUANTITY and VALUE of SALT, COAL, GOLD, PETROLEUM, and OTHER MINERALS produced in BRITISH INDIA in each year from 1890 to 1909—continued

	JADESTONE (a)		MAGNESITE		MANGANESE-ORE		MICA (c)	
	Quantity	Value	Quantity	Value (b)	Quantity	Value	Quantity	Value
	cwts	R	tons	R	tons	R	cwts	R
1890	658	94,450	..	..	..	..	6,180	1,47,172
1891	..	..	..	..	..	..	1,860	87,000
1892	..	..	..	..	674	15,755	2,400	98,154
1893	700	1,13,500	..	..	3,130	66,904	3,840	1,50,360
1894	727	1,15,091	..	..	11,410	1,68,297	5,700	6,37,747
1895	4,406	5,74,960	..	..	15,816	2,10,550	10,231	10,72,213
1896	4,501	6,39,070	..	..	56,869	10,02,316	12,826	11,53,364
1897	4,036	6,26,700	..	..	74,467	12,05,435	11,608	10,68,570
1898	4,532	6,31,800	..	..	62,980	8,38,421	10,947	8,08,359
1899	3,130	8,84,320	..	..	84,652	13,70,304	22,599	11,00,577
1900	4,531	6,95,661	..	..	139,265	33,95,434	8,660	4,17,000
1901	3,015	4,75,700	..	..	157,736	32,39,008	22,770	9,95,892
1902	4,220	7,15,140	3,540	14,160	144,325	22,65,248	22,422	6,85,070
1903	2,775	8,91,275	826	3,304	171,021	27,43,061	16,960	6,60,102
1904	4,130	7,74,225	1,315	5,260	138,626	19,25,169	21,360	8,26,278
1905	2,593	8,87,060	2,063	8,252	217,176	30,64,094	22,881	12,52,426
1906	3,852	9,32,920	1,832	7,328	475,110	1,24,55,368	46,780	14,67,231
1907	4,001	11,16,040	186	744	753,241	2,41,88,399	44,444	15,51,840
1908	4,088	12,66,751	7,534	16,729	592,376	94,27,016	47,309	10,86,104
1909	5,512	13,71,015	737	2,948	592,456	84,02,980	31,032	5,63,429

  

	RUBIES, SAPPHIRES, AND SPINELS		SALTPETRE (d)		TIN-ORE	
	Quantity	Value	Quantity	Value	Quantity	Value
	carats	R	cwts	R	cwts	R
1890	118,577	1,70,160	210,245	14,39,688	740	43,198
1891	..	..	194,262	13,91,541	..	..
1892	..	..	231,768	15,70,125	..	..
1893	..	..	292,795	21,18,153	..	..
1894	1,476	6,750	249,554	22,67,423	1,960	1,08,700
1895	89,980	4,75,059	228,201	19,56,760	440	23,464
1896	136,330	7,55,052	317,718	22,68,805	1,620	81,443
1897	143,950	8,60,413	252,341	17,62,527	1,220	39,555
1898	125,651	8,27,886	230,362	16,10,250	780	38,288
1899	199,781	13,50,951	224,358	16,35,465	1,422	1,18,495
1900	214,078	14,63,416	230,472	16,29,657	2,078	1,28,006
1901	229,127	15,89,041	404,898	39,66,637	1,394	1,16,595
1902	169,965	9,37,095	438,966	45,06,261	1,997	80,096
1903	227,213	13,32,298	437,913	44,13,342	2,198	1,37,295
1904	265,901	13,59,175	347,841	37,17,551	1,388	1,23,631
1905	266,584	13,25,105	418,183	53,31,833	1,495	1,46,750
1906	326,855	14,33,101	424,519	53,72,820	1,870	2,03,611
1907	334,535	14,26,718	426,033	56,71,564	1,519	1,73,729
1908	215,513	6,60,627	457,889	58,81,012	1,908	1,65,239
1909	258,304	8,79,731	369,273	45,69,755	1,672	1,44,681

(a) These figures represent exports in each official year  
 (b) At R4 per ton (value at the pit's mouth)  
 (c) The figures previous to 1900 represent exports in each official year

(d) The figures from 1901 relate to official years. The figures of value from that year have been calculated on the wholesale price of saltpetre at Calcutta.

## No. 2

QUANTITY and VALUE of GOLD, produced in each PROVINCE of BRITISH INDIA, in each year from 1900 to 1909

	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
QUANTITY (ounces)										
Burma . . . . .	1,236	1,984	2,179	1,085	366	770	2,450	3,987	8,100	8,489
Panjab . . . . .	380	151	78	105	370	176	190	163	195	154
Madras . . . . .	4	..	..	..	..	..	..	..	..	..
Bombay . . . . .	..	..	..	..	..	93	60	4,916	7,242	5,616
United Provinces . . . . .	20	26	47	24	23	2	4	2	3	3
Central Provinces . . . . .	..	..	..	..	150	150	150	150	150	..
<b>TOTAL</b> . . . . .	<b>1,640</b>	<b>2,161</b>	<b>2,304</b>	<b>1,224</b>	<b>909</b>	<b>1,191</b>	<b>2,854</b>	<b>9,218</b>	<b>15,690</b>	<b>14,262</b>
VALUE (rupees)										
Burma . . . . .	49,905	1,14,100	88,420	59,832	21,150	45,180	1,41,750	2,32,784	4,68,000	4,92,972
Panjab . . . . .	18,996	7,903	5,350	9,220	20,682	10,544	11,203	9,587	11,381	9,317
Madras . . . . .	253	..	..	..	..	..	..	..	..	..
Bombay . . . . .	..	..	..	..	..	4,815	3,480	2,79,614	4,07,373	3,19,966
United Provinces . . . . .	1,104	1,394	1,714	1,537	1,249	170	217	160	195	200
Central Provinces . . . . .	..	..	..	..	9,000	9,000	9,000	9,000	9,000	..
<b>TOTAL</b> . . . . .	<b>70,258</b>	<b>1,23,397</b>	<b>95,484</b>	<b>70,589</b>	<b>52,081</b>	<b>69,769</b>	<b>1,65,650</b>	<b>5,31,145</b>	<b>8,95,949</b>	<b>8,22,455</b>

## No. 3

QUANTITY and VALUE of PETROLEUM, produced in each PROVINCE of BRITISH INDIA, in each year from 1900 to 1909

	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
QUANTITY (gallons)										
Burma . . . . .	36,974,288	49,441,734	54,848,980	85,328,491	115,903,904	142,063,846	137,654,261	148,888,002	173,402,790	230,396,617
Assam . . . . .	753,049	631,571	1,756,759	2,528,785	2,585,920	2,733,110	2,897,990	3,156,665	3,243,110	3,280,750
Panjab . . . . .	1,874	1,812	1,949	1,793	1,658	1,488	871	1,010	420	720
<b>TOTAL</b> . . . . .	<b>37,729,211</b>	<b>50,075,117</b>	<b>56,607,688</b>	<b>87,859,069</b>	<b>118,491,382</b>	<b>144,798,444</b>	<b>140,553,122</b>	<b>152,045,677</b>	<b>176,646,320</b>	<b>233,678,087</b>
VALUE (rupees)										
Burma . . . . .	21,51,663	30,31,595	31,79,001	51,88,638	69,47,556	88,91,907	84,69,995	89,93,826	1,03,69,607	1,34,90,140
Assam . . . . .	79,357	33,252	87,838	1,26,439	1,61,620	1,70,819	1,43,390	1,56,189	1,60,466	1,62,329
Panjab . . . . .	305	284	406	393	390	325	191	221	66	112
<b>TOTAL</b> . . . . .	<b>22,31,325</b>	<b>30,65,131</b>	<b>32,67,245</b>	<b>53,15,470</b>	<b>71,09,566</b>	<b>90,63,051</b>	<b>86,13,576</b>	<b>91,50,236</b>	<b>1,05,30,139</b>	<b>1,36,52,581</b>

No. 4

QUANTITY and VALUE of OTHER MINERALS, produced in each PROVINCE of BRITISH INDIA in each year from 1900 to 1909

		1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>CHROMITE—</b>											
Baluchistan	tons	..	..	..	284	3,596	2,708	4,375	7,274	4,135	4,325
	R	..	..	..	4,965	62,048	52,230	1,07,821	1,45,485	82,700	86,500
<b>DIAMONDS—</b>											
Madras	carats	..	..	..	..	..	..	..	..	..	111
	R	..	..	..	..	..	..	..	..	..	700
<b>GRAPHITE—</b>											
MADRAS—											
QUANTITY (tons)											
Godavari		..	295	307	254	67	64	..	4	..	..
Vizagapatam		..	..	..	..	..	..	4	..	..	..
TOTAL		..	295	307	254	67	64	4	4	..	..
MADRAS—											
VALUE (rupees)											
Godavari		..	(a) 24,190	(a) 24,560	(a) 19,050	(a) 5,159	25,600	..	4	..	..
Vizagapatam		..	..	..	..	..	..	160	..	..	..
TOTAL		..	24,190	24,560	19,050	5,159	25,600	160	4	..	..
<b>IRON-ORE—</b>											
QUANTITY (tons)											
Bengal		57,000	43,829	76,056	61,355	65,115	97,698	69,397	65,524	54,466	72,711
Other Provinces		3,383	3,869	3,630	1,801	2,935	2,478	2,249	1,477	2,590	9,464
TOTAL		60,383	47,498	79,686	63,156	68,050	100,176	71,646	67,001	57,056	82,175
VALUE (rupees)											
Bengal		1,10,000	94,308	1,89,296	1,45,757	1,45,472	1,88,076	1,51,276	1,92,148	1,40,523	2,05,467
Other Provinces		7,936	28,838	32,382	10,652	(b)11,740	(b)9,912	(b)8,996	(b)5,908	(b)10,360	(b)37,856
TOTAL		1,17,936	1,23,141	2,01,678	1,56,409	1,57,212	1,97,988	1,60,272	1,98,056	1,50,883	2,43,323
<b>JADESTONE (c)—</b>											
Burma	cwts	4,531	3,015	4,220	2,775	4,130	2,593	3,852	4,001	4,088	5,512
	R	6,95,861	4,75,700	7,15,140	8,91,275	7,74,225	8,87,080	9,32,920	11,16,040	12,66,751	13,71,015

(a) Estimated

(b) Estimated at Rs4 per ton

(c) These figures represent exports by sea and land in each official year

## No. 4—continued

QUANTITY and VALUE of OTHER MINERALS produced in each PROVINCE of BRITISH INDIA, in each year from 1900 to 1909.—continued

	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>MAGNESITE—</b>										
Mudras	..	..	3,540	826	1,315	2,063	1,832	186	7,534	737
	..	..	(a) 14,160	(a) 3,304	(a) 5,260	(a) 8,252	(a) 7,328	(a) 744	16,729	2,948
<b>MANGANESE-ORE—</b>										
	QUANTITY (tons)									
Central Provinces	47,257	81,263	76,154	107,947	85,024	151,547	351,880	565,017	431,055	381,285
Madras	92,008	76,473	68,171	63,074	53,002	64,989	114,710	162,455	118,089	138,454
Bombay	..	..	..	..	..	640	7,520	22,821	23,232	17,657
Bengal	..	..	..	..	..	..	1,000	2,933	20,000	55,069
Baluchistan	..	..	..	..	..	..	..	15	..	..
<b>TOTAL</b>	<b>139,265</b>	<b>157,736</b>	<b>144,325</b>	<b>171,021</b>	<b>138,626</b>	<b>217,176</b>	<b>475,110</b>	<b>753,241</b>	<b>592,376</b>	<b>592,456</b>
	VALUE (rupees)									
Central Provinces	15,09,270	20,01,101	14,08,850	20,84,726	13,65,698	24,34,223	1,05,12,414	1,97,16,188	75,43,018	60,52,899
Madras	18,86,164	12,37,907	8,56,398	6,58,335	5,59,471	6,29,581	17,13,174	36,39,214	11,88,151	12,77,506
Bombay	..	..	..	..	..	290	2,08,548	7,07,543	8,70,497	2,60,449
Bengal	..	..	..	..	..	..	21,250	75,158	3,26,250	8,12,135
Baluchistan	..	..	..	..	..	..	..	290	..	..
<b>TOTAL</b>	<b>33,95,434</b>	<b>32,39,008</b>	<b>22,65,248</b>	<b>27,43,061</b>	<b>19,25,169</b>	<b>30,64,094</b>	<b>1,24,55,386</b>	<b>2,41,38,399</b>	<b>94,27,916</b>	<b>84,02,989</b>
<b>MICA (b)—</b>										
	QUANTITY (cwts)									
Bengal	8,580	18,280	19,540	13,320	16,520	14,601	22,360	28,579	36,060	22,984
Madras	80	4,490	2,882	3,640	4,840	8,280	24,420	15,865	11,549	8,948
<b>TOTAL</b>	<b>8,660</b>	<b>22,770</b>	<b>22,422</b>	<b>16,960</b>	<b>(b)21,360</b>	<b>22,881</b>	<b>46,780</b>	<b>44,444</b>	<b>47,309</b>	<b>31,032</b>
	VALUE (rupees)									
Bengal	4,17,000	4,57,715	3,59,272	3,37,795	3,85,889	3,71,940	5,82,536	7,05,438	5,64,332	3,68,926
Madras	(d)	(f)5,38,177	(g)3,25,798	3,22,307	4,40,389	8,80,486	8,84,695	8,46,402	5,21,872	1,94,503
<b>TOTAL</b>	<b>(e)4,17,000</b>	<b>9,95,892</b>	<b>6,85,070</b>	<b>6,60,102</b>	<b>8,26,278</b>	<b>12,52,426</b>	<b>14,67,231</b>	<b>15,51,840</b>	<b>10,86,104</b>	<b>5,63,429</b>
<b>RUBIES (c)</b>										
(including a small proportion of sapphires and spinels)—										
Upper Burma	214,078	229,127	169,965	227,213	265,901	266,584	326,855	334,535	215,513	258,304
	14,63,416	15,89,041	9,37,095	13,32,298	13,59,175	13,25,105	14,33,101	14,26,718	6,60,627	8,79,731

(a) At Rs4 per ton (value at the pit's mouth)

(b) Excludes 404 cwts for Ajmer-Merwara

(c) These figures represent the output of the Burma Ruby Mines, Ltd. They do not include the stone raised by Indian miners

(d) Not reported

(e) Excludes the figures for Madras, which were not reported

(f) Exclusive of value of 2 tons

(g) Exclusive of value of 1 ton reported to have been worked on the Nilgiris

MINERAL PRODUCTION

( 68 )

NO. 4—concluded

QUANTITY and VALUE of OTHER MINERALS, produced in each PROVINCE of BRITISH INDIA, in each year from 1900 to 1909—concluded

	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
<b>SALTPETRE (a)—</b>											
Bengal—											
	QUANTITY, (owts)										
Bihar . . . . .	160,000	193,089	201,787	213,797	164,703	186,638	205,307	205,166	253,620	193,184	
Calcutta . . . . .		37,154	32,990	28,423	19,068	12,077	8,289	4,582	8,193	7,063	
United Provinces of Agra and Oudh . . . . .		114,925	121,117	110,530	89,550	146,201	135,995	138,370	123,122	93,887	
Panjab . . . . .		33,851	49,502	71,272	74,226	61,306	62,048	64,936	64,574	61,806	65,180
North-West Frontier Province . . . . .		219					324	545	266	514	
Madras . . . . .		36,621	10,218	11,800	10,937	13,214	11,000	9,668	12,796	10,792	9,445
<b>TOTAL</b> . . . . .	<b>230,472</b>	<b>404,888</b>	<b>438,966</b>	<b>437,913</b>	<b>347,841</b>	<b>418,183</b>	<b>424,519</b>	<b>426,033</b>	<b>457,839</b>	<b>369,273</b>	
<b>VALUE (rupees) (b)</b>											
Bihar . . . . .	12,00,000	18,91,869	20,71,470	21,54,673	17,60,263	23,79,634	25,98,417	27,31,272	32,57,432	23,90,652	
Calcutta . . . . .		3,63,993	3,38,663	2,86,451	2,03,789	1,53,982	1,04,908	60,998	1,05,229	87,405	
United Provinces of Agra and Oudh . . . . .		11,25,906	12,43,342	11,13,935	9,57,066	18,64,063	17,21,187	18,42,051	15,81,348	11,61,852	
Panjab . . . . .		2,28,105	4,84,965	7,31,652	7,48,059	6,55,208	7,91,112	8,21,846	8,59,641	7,94,977	8,06,603
North-West Frontier Province . . . . .		2,792					4,101	7,255	3,416	6,361	
Madras . . . . .		203,552	1,00,104	1,21,134	1,10,224	1,41,225	1,40,250	1,22,361	1,70,347	1,38,610	1,16,882
<b>TOTAL</b> . . . . .	<b>16,29,657</b>	<b>39,66,637</b>	<b>45,06,261</b>	<b>44,13,342</b>	<b>37,17,551</b>	<b>53,31,833</b>	<b>53,72,820</b>	<b>56,71,564</b>	<b>58,81,012</b>	<b>45,69,755</b>	
<b>TIN-ORE—</b>											
Lower Burma	owt	2,078	1,394	1,997	2,198	1,388	1,495	1,870	1,519	1,906	1,672
	R	1,28,009	1,16,595	80,096	1,37,295	1,23,631	1,46,750	2,03,811	1,73,729	1,65,230	1,44,681

(a) The figures from 1901 relate to official years ending 31st March  
 (b) The values since 1901 are based on the wholesale price quotations of saltpetre at Calcutta



## COAL MINES

[ TABLES 1 TO 13, PAGES 75 TO 93 ]

*(Compiled chiefly from the statutory returns of the output and of the labour employed furnished to the Chief Inspector of Mines in India by the Managing Agents of Mines regulated by the Indian Mines Act, VIII of 1901)*

*N.B.*—Statistics of the coal mines in Native States (Rajputana, Central Indis, and Hyderabad), which have hitherto been incorporated in this section, have been excluded this year, in accordance with the decision of the Government of India, that the volumes constituting the *Statistics of British India* should be restricted to a presentation of statistics relating to British India only.

### PRODUCTION

Table No. 1 shows the quantity of coal produced in each province in British India in each year from 1878 to 1909. In 1878 the total amounted to 1,015,210 tons. In 1908 the output was 12,149,020 tons or about 12 times as much but the progressive record of twenty-four successive years was broken in 1909 when the production was reduced to 11,294,227 tons, though it exceeded the output of 1907 by some 768,000 tons. Some further deduction should perhaps be made if the amount, which actually came into sight commercially, is to be arrived at correctly, for the value of considerable quantities of second class coal for which there has been practically no market during the past two years has had to be written off altogether in the books of the companies concerned.

In 1878 the only fields worked were the Raniganj and Giridih fields in Bengal and the Mohpani field and the Warora mine (shut down in 1906) in the Central Provinces. The fields which have been worked in the quinquennium ending 1909 are the following: they have been classified according as they belong geologically to the Gondwana system of strata or to tertiary (or cretaceous) beds:—

<i>Gondwana Coal Fields</i>	<i>Tertiary Coal Fields</i>
<p><b>BENGAL—</b></p> <p>Bokaro-Ramgarh Daltonganj Giridih Jherria Rajmahal Raniganj</p>	<p><b>BALUCHISTAN—</b></p> <p>Khost Sor Range, Mach, etc.</p>
<p><b>CENTRAL PROVINCES—</b></p> <p>Mohpani Pench Valley (Chhindwara) Wardha Valley (Ballarpur, Warora)</p>	<p><b>BURMA—</b></p> <p>Upper Chindwin</p>
	<p><b>EASTERN BENGAL AND ASSAM—</b></p> <p>Makum Maolong, etc.</p>
	<p><b>NORTH-WEST FRONTIER PROVINCE—</b></p> <p>Hazara</p>
	<p><b>PANJAB—</b></p> <p>Attock District Mianwali District Salt Range or Jhelum Shahpur ..</p>

The Raniganj field in Bengal held the first place as regards production up to 1905, but now stands second, its yield in 1909 having been 4,034,812 tons or 35·7 per cent of the year's total production. Jherria, which was opened in 1893, assumed the lead from Raniganj in 1905 and it has succeeded in maintaining it since, although its output contracted from 6,458,643 tons (53·2 per cent of the total production) in 1908 to 5,832,672 tons (51·6 per cent of the total production) in the year under review. Of the remaining fields in Bengal, the production of the Giridih field in 1909 aggregated 702,811 tons or 6·2 per cent of the total. It may be of interest to record that during the year under review some 18 ovens for the recovery of bye-products were installed on this field. The products recovered are tar and ammonia, the latter being converted into ammonium sulphate. The Daltonganj field was opened in 1901; it yielded 84,290 tons in 1909. The quantity so far won from the other two fields—the Rajmahal and the Bokaro-Ramgarh—is limited. Work was started on the former in 1899 and its output in 1909 was some 1,900 tons; as to the latter, mining was begun in 1908 and its yield in 1909 was 4,326 tons. These six coal-fields produced nearly 94 per cent of the coal raised in British India in 1909.

Outside Bengal, the only mines belonging to the Gondwana system are those at Mohpani, Warora, Ballarpur, and the Pench Valley in the Central Provinces. The Mohpani mine was opened in 1860 and the Warora mine in 1871. The Mohpani mine now worked is not the original one of that name of 1860; but a new one on which operations were begun in 1892. The old mine was abandoned in 1902 after all the available coal—some 460,000 tons in the aggregate—had been won from it. The new Mohpani mine has been worked by the Great Indian Peninsula Railway Company since 1904 and its output has risen considerably during the last three years; in 1909, it amounted to 60,667 tons. The Warora mine was the first colliery worked by Government; its production touched the highest point (153,336 tons) in 1902, when its resources began sensibly to fail; and a serious subsidence in 1906 only antedated its inevitable abandonment. Operations were then transferred to

COAL MINES—*continued*

the Ballarpur mine where the work of extraction began seriously in 1908. The output that year was 45,000 tons; in 1909 it was almost doubled. The Pench Valley field was opened up in 1905; its yield has risen from 1,104 tons in 1905 to 92,196 tons in 1909; but further development hinges upon the completion of the broad gauge railway connection between Itarsi and Nagpur.

Turning to tertiary or cretaceous coal beds, the most important of these are in Assam, where the Makum coal-fields have been worked since 1882. Next in rank of importance come the Khost mines in Baluchistan and the Dandot mines in the Punjab; both have been worked now for 23 years, but their production in 1909 was only 40,237 tons and 24,629 tons respectively.

Table No. 2 shows, in respect of each mine for which separate reports have been received since 1905, the production for ten years from 1900 to 1909 as also the year (so far as it has been possible to fix the date) in which the mine was opened. It will be seen that there are a few mines still working in the Raniganj field which were opened before 1860; and the Deshargarh, Sibpur, Sodepur, and Boria mines in the Raniganj field and the Kurhbari and Serampore mines in the Giridih field, which have each a production of over 100,000 tons, are more than 30 years old. The great majority of the mines now at work, however, are less than 20 years old; but it is worthy of note that some 16 of them yield over 100,000 tons annually.

## IMPORTS

Table No. 3 shows the quantities of foreign coal imported into British India from the principal countries during the last twenty years. For the earlier decennium quinquennial averages have been given. The figures represent private merchandise only and do not include Government stores, the imports of which amounted to 29,567 tons in 1909 as against 6,198 tons in 1908 and 1,219 tons in 1907.

The greatest quantity imported in any one year of the series was some 820,000 tons in the year 1894, valued at Rs. 1,47,00,000. In 1896 there was still an import of nearly half a million tons, but in 1900 the figure had fallen to 135,649 tons. The statistics for the next five years are marked by somewhat considerable fluctuations, but since 1905 the record has been one of continued expansion. The arrivals in 1909 amounted to 490,421 tons, an increase of 105,098 tons or 27 per cent over the figure of the previous year. Bombay has naturally been always the largest importer and in 1909 Madras was the second. The United Kingdom has always supplied by far the greatest part of the imported coal. On the average of the twenty years of the series, Australia holds the second place and Japan the third with respective shares of 31,161 tons and 20,906 tons respectively. In 1907 Natal went ahead of Japan and has held that position since. Imports from other countries during the year 1909 were the largest on record.

In the year of review, the United Kingdom sent 311,213 tons in place of 173,465 tons in the previous year. But the imports from Australia, which in the previous year aggregated 129,699 tons, dropped owing to the strike in New South Wales to 54,792 tons, which is yet the next highest total on record after that of 1908. The Natal trade was marked by a brisk development from 16,548 tons in 1907 to 71,831 tons in 1908. The expansion was maintained in 1909 with a further increase of some 20,000 tons. Japan has since 1906 lost its hold altogether on the Indian market; the recorded imports in 1909 were 11,413 tons as contrasted with 2,960 tons in 1908.

## EXPORTS

Table No. 4 shows the total quantity of Indian coal exported from British India during the last twenty years and the share taken by each of the principal importing countries. As in the case of statistics of imports, quinquennial averages only are given for the earlier decade. Bunker coal is not included in this statement which relates only to coal shipped as private merchandise to foreign ports. The exports rose in proportion to the expansion in production up to the year 1906, since when there has been a progressive decline in the ratio. On the average of the five years 1900 to 1904, the exports were 7·8 per cent of the total production of coal in British India, but the exports of the following five years 1905 to 1909 averaged 7·2 per cent of the production. Almost all the coal shipped as private merchandise from India is sent from Calcutta. Ceylon and the Straits Settlements are the two principal markets for Indian coal, and of the total quantity shipped in 1909, 55 per cent was declared for Ceylon and 23 per cent for the Straits. In the three years 1905 to 1907 Indian coal took the place of Japanese coal in Hongkong for reasons which are now ancient history; but only 2 tons were exported in 1908 and no shipments took place in 1909. On the other hand, Sumatra took more coal from India and is now her third-best customer (taking 14 per cent of the total). In the year under review Australia entered the market as a buyer owing to the strike at home and took some 31,536 tons; a figure which might have been very greatly exceeded had more enterprise been shown, and more care taken as to the quality of the earlier consignments. From 1902 till 1906 total exports increased rapidly till they reached 1,002,951 tons. Then there came a fall to 658,145 tons in 1907 which was ascribed to increased industrial activity in the country; about the same quantity was exported in the following year, but the further curtailment of 95,000 tons, which occurred in the shipments of 1909, cannot unfortunately be associated with any such favourable causes for it is well known that there was accumulation of stocks of all but the very best qualities at the collieries.

COAL MINES—*continued*

## DISTRIBUTION AND CONSUMPTION

Table No. 5 shows the total available supply of coal in India after deducting net exports from production ; in 1909 the figure stood at 11,796,595 tons.

Tables Nos. 6 and 7 are intended to give an idea of the distribution of coal produced in the country and coal imported from abroad, and of the agencies by which it is distributed. Calcutta uses Bengal coal exclusively. Bombay City gets its supplies by sea from Bengal and from foreign countries in the proportion of 2 to 1, partly for its own consumption and partly for diffusion throughout the Bombay Presidency, which also receives considerable quantities by rail from Bengal and Hyderabad. Sind and Madras import most of their coal by sea, but the latter presidency also draws part of its supply from Hyderabad. Eastern Bengal and Assam, the United Provinces, and the Central Provinces, import the bulk of the coal they require by rail and river from Bengal. Half the coal consumed in the Panjab comes direct from Bengal, and the other half mainly through Karachi. Burma derives its supply almost wholly from Bengal.

Table No. 8 shows the supply available in the cities of Calcutta and Bombay and in each province.

The following statement gives an estimate of the coal consumed during 1909 in different industries and other forms of consumption, but the figures can only be regarded as approximate, and in the case of some of the heads they represent a very rough estimate :—

	Tons
Railways (including railway workshops)	3,765,000
Port Trusts	109,000
Bunker coal	989,000
Inland steamers	500,000
Jute mills	703,000
Cotton mills	862,000
Iron and brass foundries	528,000
Tea gardens	100,000
Consumption at collieries and wastage	1,131,000
Other forms of industrial and domestic consumption	3,140,000
TOTAL	11,797,000

*Consumption on Railways.*—Table No. 9 shows the total consumption of Indian and foreign coal and of wood on all the railways in India in each of the last twenty years. At the beginning of this period the total consumption of coal was about 858,000 tons, of which foreign coal constituted nearly one-fourth. Ten years later the total consumption was 1.64 million tons, and Indian coal represented nearly 95 per cent, thus marking a rapid and vigorous displacement of foreign coal. In 1909 the total consumption was about 3.77 million tons and Indian coal represented nearly 98 per cent. Still it has to be recorded that foreign coal as a factor in railway consumption has assumed larger dimensions during the last two years than in any year since 1899; perhaps the higher prices which ruled for Indian coal during the greater part of that period and the relatively inferior quality of some of the coal placed on the market influenced the railways to resort to foreign coal. The railway consumption of Indian coal averaged 37 per cent of the total quantity of coal produced in British India in the ten years ending 1899, and 32 per cent in the ten years ending 1909. The consumption of wood as fuel on railways has not decreased to such an extent as might have been expected during this period, still the decrease has been progressive and in 1909 the quantity used was 127,114 tons as compared with 326,252 tons in 1890. This amount may be regarded as equivalent to 50,846 tons of coal, reckoning 2½ tons of wood as equal to 1 ton of coal. Wood is still used largely on the Madras and Southern Mahratta, Burma, Rohilkhand and Kumaon, and South Indian Railways.

The consumption of coal in relation to the total mileage of Indian railways is compared with that of certain foreign countries in the following statement :—

	Total mileage of railways	Total consumption of coal in tons	Consumption of coal per mile in tons
India	31,490	3,765,314	120
United Kingdom	23,205	12,922,808	557
§ Japan	5,069	1,027,000	203
§ Russia in Europe.	33,424	3,065,000†	92
§ Russia in Asia	6,419	1,156,000†	180

*Port Trusts.*—The figures of consumption have been kindly supplied by all the Port Trusts.

*Bunker coal.*—The shipments of bunker coal from Calcutta are far in excess of those of any other port. They have increased steadily in each of the last twenty-two years, but in 1909 there was a set back, the figures being 888,540 tons as against 1,058,302 tons in the preceding year. For the other ports exact figures have not been recorded. Indian coal is consumed on steamers of almost all the lines that touch at Indian ports. In some cases it is mixed with Welsh coal, but more often it is used unmixed. There are indications that Welsh coal, which is understood to have some 20 per cent more burning power than Indian coal, is in increasing demand at Bombay.

*Inland steamers.*—The chief steamer companies of Bengal, Assam, and Burma have kindly supplied statements of their coal consumption. The total reported figure comes to just under 500,000 tons a year; but there are of course a great many smaller companies and steamers in these provinces, as well as in other parts of India, whose consumption it has not been possible to ascertain.

§ Statistics of Japan and Russia are for 1907 and 1906 respectively, later figures not being available

† Excluding coke

COAL MINES—*continued*

*Jute and Cotton mills.*—The Secretary, Indian Jute Mills' Association, has kindly furnished figures of coal consumed in the Jute Mills working in Bengal. In the case of cotton mills, 52 out of 240 have been good enough to send reports. In the case of mills which have furnished no returns, estimates have been made on the basis of the number of looms and spindles at work.

*Iron and Brass foundries and Tea gardens.*—The figures are rough estimates based on returns kindly furnished by a few firms. On many tea estates wood is the only or chief fuel employed.

*Other forms of industrial and domestic consumption.*—There are no means at present of framing an accurate estimate of how the balance of about 3 million tons is consumed. Cotton Presses (969) and Jute Presses (141) no doubt account for a considerable proportion. Excluding indigo factories and premises used solely for the purposes of tea and coffee plantations, there were, in addition, many other factories worked by steam and a considerable number of other concerns too small to be included in the factories' return. Many of those, no doubt, used fuel other than coal wholly or in part, but it is clear that the greater portion of the balance of about 3 million tons of coal must be debited to industrial consumption and only a small part to domestic consumption, chiefly in and about Calcutta.

## VALUE AND PRICES

The value of the coal produced in India is reported annually by mine owners. The figures represent the actual or estimated wholesale price of coal at the pit's mouth. The average value, as thus defined, of all the coal produced in each province in British India in each of the last twenty years is given in Table No. 10. It ranged from R3-4 in 1890 to R3-6 in 1909 per ton. The lowest value, namely, R2-6 per ton, was reached in 1904 and 1905.

With the above average value may be compared the following values at the pit's mouth of coal in foreign countries (the figures represent the average of recent years):—

	R a. p.		R a. p.
United Kingdom . . . . .	6 0 6	Germany . . . . .	7 2 9
France . . . . .	8 13 0	United States of America . . . . .	4 6 6
Australia . . . . .	5 0 0	Japan . . . . .	6 8 3

In comparing the average value of the coal raised in different countries, it must be remembered that this value is affected by many circumstances, such as the quality of the coal, the machinery in use, nearness to the surface, quality of the soil, etc., besides the differences in the cost of labour. In India, the coal now being worked is near the surface, and labour is cheap; as a consequence, Indian coal has a lower value at the pit's mouth than the coal of any other country. After India, the value is lowest in the United States. Of the principal coal-producing countries in Europe, the United Kingdom has the lowest average value at the pit's mouth; and Australia has the lowest average value of all places in the British Empire except India. As regards the relative quality of the coal raised in some of the above named countries, the result of a railway test made in 1909 with first class Bengal coal, Natal coal, and Australian coal may be of interest. Bengal coal ran 26 lbs per train mile, Natal 27 lbs, and Australian 30 lbs.

Table No. 11 shows the comparative average prices per ton of Bengal coal at Calcutta and of Indian and Welsh coal at Bombay and Karachi since 1899. The figures are taken in the case of Bombay from the Bombay Market Report and in the case of Calcutta and Karachi from the *Prices Current* of the respective Chambers of Commerce. In order to get an idea of the comparative prices of Bengal coal in the principal centres of industry in India, the freight has to be added to the f.o.r. prices. The freight per ton of coal for full waggon loads at owners' risk (owners to load and unload) from the Raniganj field is as follows:—

	R a. p.
To Calcutta . . . . .	2 4 0
„ Jubbulpur . . . . .	6 15 0
„ Cawnpore . . . . .	6 4 0
„ Delhi . . . . .	8 4 0
„ Lahore . . . . .	10 1 0
„ Karachi . . . . .	12 14 0
„ Bombay . . . . .	11 4 0

The average freight per ton of coal by sea from Calcutta during 1909 was as follows:—

	R a. p.
To Bombay . . . . .	about 4 11 9
„ Madras . . . . .	2 12 0
„ Karachi . . . . .	4 11 10
„ Rangoon . . . . .	2 11 0

## CAPITAL EMPLOYED

The total amount of capital employed in the coal-mining industry cannot be stated, as reports are received from Joint Stock Companies only, and the capital employed by private individuals and syndicates is not known. There were 119 Joint Stock Companies at work in Bengal on the 31st March 1910. These Companies produced

## COAL MINES—continued

82 per cent of the total output of the Bengal coal-fields in 1909. Outside Bengal, there were only eight Joint Stock Companies at work in that year. Only five of the Companies at work on the 31st March 1910 have a paid-up capital of Rs15,00,000 (£100,000) or more, viz. :—

	R
The Bengal Coal Company . . . . .	30,00,000
„ Barakar „ . . . . .	26,25,000
„ Equitable „ . . . . .	20,00,000
„ East Indian Coal Company (a) . . . . .	17,99,925
„ Bokaro and Ramgarh Collieries . . . . .	16,00,000

## LABOUR

Table No. 12 shows the total number of men, women, and children employed in coal mines in British India during each of the last twenty years. This number represents the “average daily attendance” throughout the year, and is obtained by dividing the total number of attendances by the number of working days in each year. From the point of view of labour, coal mining will no doubt remain for years to come the predominant source of employment among all mining industries. The 109,291 persons, who were employed in mines in British India in 1909, were distributed among the various provinces as follows :—

	Men	Women	Children	Total	Per cent of total
Bengal . . . . .	64,238	35,807	2,208	102,253	93·6
Central Provinces . . . . .	2,260	624	27	2,911	2·7
Eastern Bengal and Assam . . . . .	1,226	540	29	1,795	1·6
Panjab . . . . .	1,205	..	18	1,223	1·1
Baluchistan . . . . .	1,076	..	29	1,105	1
North-West Frontier Province . . . . .	4	..	..	4	..
<b>TOTAL</b> . . . . .	<b>70,009</b>	<b>36,971</b>	<b>2,311</b>	<b>109,291</b>	<b>100</b>

The statement is generally made that compared with the collier in other chief coal producing countries the efficiency of the Indian coal miner is relatively low. The following statement which gives the output per person employed (1) above and below ground, and (2) below ground, only, in certain specified countries seems to confirm the contention :—

	Above and below ground Tons	Below ground only Tons
United Kingdom . . . . .	271	336 in 1908
Germany . . . . .	246	327 „ „
France . . . . .	189	259 „ „
Belgium . . . . .	160	219 „ „
India . . . . .	103·3	161·6 „ 1909

These comparisons have some interest, but they cannot be supposed to give an accurate idea of the relative efficiency of the labour in the countries named. For not only do the conditions of the work below ground vary very greatly, but the proportion of persons employed above and below ground is different in different countries. In the United Kingdom in 1908 the workers below ground were 80 per cent of the total number employed, while in the same year in India, where mining operations are much nearer the surface, they were 63 per cent. Furthermore, any comparison is unduly favourable to India because the “total” number of workers, whether below or above ground, represents the average daily attendance throughout the year as explained above. Thus, if there are 100 persons attached to a mine in India each of whom takes one day’s rest in five, the “total number” is put down in the returns as 80. The English figures, on the other hand, represent the total number of miners and other persons employed, and do not make any allowance for absence on working days.

So far as the statistics of British India itself are concerned the output in 1909 per person employed is compared in the statement below with the results of the immediately preceding five years :—

	Above and below ground Tons	Below ground only Tons
1904 . . . . .	92·3	136·2
1905 . . . . .	96·4	143·5
1906 . . . . .	101·1	151·0
1907 . . . . .	102·5	159·4
1908 . . . . .	101·2	159·4
1909 . . . . .	103·3	161·6

The greater proportionate rise in the second column suggests increased use of machinery in the workings.

The Indian miner is still to some extent a miner by caprice, and in a year of agricultural prosperity the scarcity of labour becomes acute. Epidemics amongst the workers, particularly of cholera, are not infrequent

(a) The Company was registered in England

COAL MINES—*concluded*

and the shortage is likely to be accentuated as the workings get deeper. The use of electricity on the coal-fields is extending—though capable of yet further utilization—particularly for haulage and pumping, and the employment of mechanical coal cutting appliances will be necessary where the seams are narrow and at a distance from the surface.

The death-rate in India is low, for coal mining is still in the elementary stage and the workings, with a few exceptions, are comparatively shallow. The average annual death-rate per 1,000 persons working daily above and below ground since 1901, when the Indian Mines Act came into force, is '86 which compares very favourably with the rates obtaining in other countries. The average rates are :

United Kingdom . . . . .	1.30	France . . . . .	1.83
Belgium . . . . .	1.02	Germany . . . . .	2.12
United States of America . . . . .	3.44	Japan . . . . .	2.56

But if the death-rate is calculated on the quantity of coal produced, the results are less satisfactory, due no doubt to the low output in India per person employed. The death-rate per 1,000,000 tons of coal raised has averaged 9.3 in British India since 1901. The corresponding average figures for other countries are :—

United Kingdom . . . . .	4.6	France . . . . .	9.7
Belgium . . . . .	6.3	Germany . . . . .	9.7
United States of America . . . . .	6.6	Japan . . . . .	24.8

The Chief Inspector of Mines is disposed, however, to regard the rates for India as still much too high and he observes in his report for the year 1909 :—

“ There is no questioning the fact that greater discipline would very substantially lessen this loss of life. A glance at the list of falls of roof and side shows very clearly that the Indian miner has a great deal to learn in the way of taking care of himself, and, he must be taught how to do it.”

## COMPARATIVE STATISTICS.

In view of the fact that Japan and India are rivals in some of the markets of the Far East and also produce coal on much the same scale, the figures given in table No. 13 have special interest. In the first period of the quinquennial average of the series the production of coal in Japan was about  $\frac{1}{2}$  million tons more than that of India. Since then the production of Japan has gone ahead and now exceeds that of India by nearly 2,863,000 tons.

As regards foreign import trade, India, as already noted, diminished her imports steadily till four years ago, since when a revival has set in.

Imports into Japan, under normal conditions, have been inconsiderable in comparison with India and are now nearly 130,000 tons. Production in Japan has always exceeded the requirements of home consumption, leaving a considerable surplus for export; while India has little to spare, her net exports being only nearly 74,000 tons. The quantity left for home consumption was about the same (10.8 million tons) in both countries in 1907. In 1908 India retained about half a million tons more than Japan, but in 1909, on the contrary, Japan retained about a quarter of a million tons more than India.

In the absence of information about consumption of coal in Japan for the year 1908 and 1909, the figures reported in 1907 have been retained. Excluding bunker coal the internal consumption of coal in Japan was estimated at 8,011,471 tons for the year 1907, divided as follows :—

	Tons
Railways . . . . .	1,047,182
Production of salt . . . . .	659,927
Factories . . . . .	4,136,413
Other forms of consumption . . . . .	2,167,949

These figures may be compared with estimates of the consumption of coal in India given on page 71. The freight per mile for coal carried by Indian railways to the places mentioned on page 72 is 2 pies per ton per mile, except in the case of Howrah (close to Calcutta) where the rate comes to  $3\frac{1}{2}$  pies per mile. The freight for coal on Japanese railways is 3 pies per ton per mile with an additional charge of annas 5 per ton for the use of coal waggons.

## COAL MINES

## No. 1

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED in each PROVINCE in BRITISH INDIA in each year from 1878 to 1909

Year	Burma	E. B. and Assam	Bengal	U. P. of Agra and Oudh	Panjab	N.-W.F. Province	Baluchistan	Central Provinces	Madras	Total
1878	..	..	957,243	..	..	..	..	57,967	..	1,015,210
1879	..	..	891,047	..	..	..	..	33,515	..	924,562
1880	..	..	988,565	..	..	..	..	31,228	..	1,019,793
1881	..	..	930,203	..	..	..	..	67,527	..	997,730
1882	..	..	1,038,872	..	..	..	..	91,370	..	1,130,242
1883	..	..	1,200,957	..	..	..	..	115,019	..	1,315,976
1884	..	16,493	1,257,392	..	..	..	..	121,833	..	1,395,718
1885	..	43,707	1,123,700	..	..	..	..	119,116	..	1,286,523
1886	..	70,859	1,186,802	..	..	..	..	117,287	..	1,374,948
1887	..	89,302	1,319,090	..	7,523	..	411	128,981	..	1,545,307
1888	..	101,528	1,380,594	..	11,249	..	2,802	157,768	..	1,653,941
1889	..	116,676	1,541,356	..	22,835	..	8,238	144,465	..	1,833,570
1890	..	145,708	1,626,245	..	40,677	..	15,541	137,022	..	1,965,193
1891	..	154,208	1,747,122	..	60,714	..	10,368	141,736	20	2,114,168
1892	3,670	164,050	1,920,050	..	66,352	..	13,284	132,005	61	2,299,472
1893	9,938	164,420	1,902,866	..	77,294	..	20,094	135,118	502	2,310,232
1894	12,111	169,448	2,035,934	..	66,467	..	24,753	140,495	1,337	2,450,545
1895	17,289	172,717	2,716,155	..	72,493	..	25,458	122,776	1,737	3,128,625
1896	22,993	177,259	3,037,920	1,000	79,017	..	26,257	141,185	..	3,485,631
1897	11,472	185,533	3,142,497	..	92,792	..	12,043	131,629	..	3,575,966
1898	6,975	200,329	3,622,090	..	85,862	..	13,372	149,709	..	4,078,337
1899	8,105	225,623	4,035,265	..	81,835	..	15,822	156,576	..	4,523,226
1900	10,228	216,736	4,978,492	..	74,083	..	23,281	172,842	..	5,475,662
1901	12,466	254,100	5,487,585	..	67,730	..	24,656	191,516	..	6,038,053
1902	13,302	221,096	6,259,236	..	55,373	..	33,889	196,981	..	(a)6,779,877
1903	9,306	239,328	6,361,212	..	43,704	..	46,909	159,154	..	(b)6,859,613
1904	1,105	266,765	7,063,890	..	45,594	..	49,867	139,027	..	(c)7,566,038
1905	..	277,065	7,234,103	..	62,622	..	41,725	147,265	..	7,762,780
1906	1,222	285,490	8,617,820	..	73,119	..	42,164	92,848	..	9,112,663
1907	..	295,795	9,993,348	..	60,749	..	42,488	134,088	..	10,526,468
1908	..	275,224	11,559,911	..	54,794	90	45,212	213,789	..	12,149,020
1909	..	305,563	10,660,811	..	37,208	96	52,449	238,100	..	11,294,237

(a) Including 187,703 tons converted into coke

(b) " 191,866 " " " " "

(c) " 186,454 " " " " "

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these are available

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>BURMA—</b>											
UPPER CHINDWIN—											
Thitthaik	1905	..	..	..	..	..	..	1,222	..	..	..
SEWBO—											
Kyetsubin	1890	..	..	..	8,720	..	..	..	..	..	..
Letkakpin	1890	10,228	12,466	13,302	586	1,105	..	..	..	..	..
TOTAL, BURMA	..	10,228	12,466	13,302	9,306	1,105	..	1,222	..	..	..
<b>E. B. &amp; ASSAM—</b>											
<b>MAKUM COAL-FIELD—</b>											
<b>LAKHIMPUR—</b>											
Upper Ledo	1882	215,962	254,100	220,640	239,278	266,265	276,577	63,578	65,469	64,946	83,354
Ledo Valley	1882							89,099	67,578	92,795	101,204
Tirap	1898							1,145	1,104	6,200	17,736
Namdang	1897							60,778	62,815	41,933	34,585
Tikak	1882							70,802	68,729	69,350	68,684
<b>KHASI AND JAINTIA HILLS—</b>											
Lakadong	1902	..	..	100	..	..	..	..	..	..	..
Maolong	1903	..	..	..	50	500	450	65	..	..	..
<b>SIBSAGAR—</b>											
Dikhu Valley	1854	774	..	..	..	..	..	..	..	..	..
Suffrai	1901	..	..	356	..	..	38	23	100	..	..
TOTAL, E. B. & ASSAM	..	216,736	254,100	221,096	239,328	266,765	277,065	285,490	295,795	275,224	305,563
<b>BENGAL—</b>											
<b>RANIGANJ COAL-FIELD—</b>											
<b>BARDWAN—</b>											
<b>(1) Worked by joint stock companies—</b>											
Akalpore	1905	..	..	..	..	..	54	34,987	34,265	43,295	36,528
Aldie	1901	..	..	..	..	..	..	..	..	..	..
Aradanga	1907	..	..	..	29,804	41,711	69,899	98,612	113,757	98,782	78,702
Asansol	1909	..	..	..	..	..	..	..	3,471	..	..
Bagbandi	1900	..	..	..	..	..	..	..	..	..	460
Babisole	1903	..	394	3,865	2,964	2,327	3,080	3,868	..	..	..
Bamanbandh	1908	..	..	..	..	..	..	..	..	7,475	12,299
Bamondiha	1888	24,024	28,078	31,364	3,202	32,915	30,509	28,604	32,907	22,346	26,706
Banali	1905	..	..	..	..	..	546	8,299	16,573	14,035	11,558
Bankola	1903	..	..	..	..	..	..	..	..	..	..
Banksimula	1905	..	..	..	3,641	..	41,627	78,256	84,598	69,011	31,455
Barabani	1890	8,166	4,931	3,230	2,398	3,854	2,757	..	20,998	8,369	8,345
"	1894	..	..	..	..	..	..	..	16,832	13,437	23,945
"	1900	4,101	14,960	33,329	117,685	133,364	145,587	146,623	(a)	(a)	(a)
"	1905	..	..	..	..	..	..	..	142,295	127,284	148,948
Benakuri	1906	..	..	..	..	..	..	..	35,065	25,046	15,234
Bhaskajhura	1901	..	..	..	..	..	..	..	2,277	10,822	..
Belrui	1868	..	..	8,000	8,000	13,887	11,100	..	..	..	..
Bonjimari	1898	37,764	43,042	36,988	37,440	41,232	40,654	27,192	37,046	47,244	63,048
Boria	1857	..	..	..	..	..	..	..	27,192	36,737	31,587
Burradhem	1907	154,875	163,449	147,298	73,686	122,638	107,458	124,442	124,442	132,047	106,168
"	1908	..	..	..	..	..	..	..	..	5,783	12,956
Charanpur	1875	..	..	..	..	..	..	..	..	11,732	21,706
"	1899	80,116	23,002	41,840	58,792	82,329	75,801	71,497	77,497	60,401	..
Charnock	1899	23,149	35,383	32,908	38,414	50,709	73,185	83,423	83,423	56,843	67,895
Chinchuria	1907	..	..	..	..	..	..	..	2,444	5,262	661
"	1902	..	..	..	..	..	..	..	..	..	..
"	1905	..	..	..	22,898	34,771	9,482	51,089	45,649	43,500	60,521
Chora	1897	..	..	..	..	..	..	..	6,576	38,317	50,408
Chotapathar	1883	27,149	66,962	75,342	78,427	92,472	85,898	75,958	75,958	57,343	44,722
Choto Dhem	1884	..	..	..	..	10,545	35,117	..	5,292	..	..
Damodapur	1900	..	..	..	..	18,439	17,027	18,528	18,528	..	..
Damra (Old)	1892	2,809	8,748	31,484	60,568	82,186	71,930	81,897	80,643	64,277	68,430
Damra (New)	1899	..	..	..	..	..	..	..	1,515	21,250	26,337
Deshargarh	1876	..	..	..	..	..	..	..	..	8,963	18,819
Dhadka	1859	208,822	210,895	195,453	227,806	220,687	199,283	214,545	210,249	213,503	167,757
Dhoondabad	1899	45,806	46,094	53,681	13,115	21,526	13,336	..	..	..	..
Dobalia	1895	34,007	36,504	34,320	30,501	33,413	33,302	44,465	44,286	54,600	43,571
Faridpur	1895	5,139	5,301	5,157	3,649	3,691	4,165	5,820	2,897	..	..
Filgate	1901	..	16,063	15,000	5,157	7,000	13,302	14,114	..	..	..
Gangatia	1894	26,020	34,714	19,300	44,559	42,826	28,340	19,401	..	..	..
Ghusik	1887	38,726	40,829	38,144	46,500	41,824	90,756	25,896	25,896	27,835	15,545
"	1887	7,761	8,025	13,500	19,522	17,345	25,782	34,950	65,080	..	..
"	1891	..	..	..	..	..	..	..	..	..	..
Gopalpur	1898	..	..	..	..	..	..	..	..	81,985	93,034
"	1908	..	..	..	..	..	..	..	..	4,853	13,393
Hatinur	1899	..	..	..	..	..	..	..	..	..	18,053
Hatgarooi	1907	..	12,414	9,468	7,828	7,296	10,232	12,734	7,618	22,028	33,662
Jamgram	1901	..	..	..	..	..	..	..	..	17,859	18,915
Jamuraia	1901	..	21,016	50,279	40,343	19,458	46,351	45,870	45,870	76,280	74,047
Jobs	1895	56,637	70,395	80,134	101,995	124,390	134,532	149,063	146,328	136,266	127,982
"	..	..	..	..	4,777	36,395	41,254	47,934	37,742	36,350	28,361

NOTE—The figures of production for different mines in Bengal are in some cases not comparative owing to the change of names, transfer of proprietorship and amalgamation of mines

(a) Including Joyramdanga



## No 2—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these are available—continued

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>BENGAL—contd.</b>											
<b>RANIGANJ COAL-FIELD—contd.</b>											
<b>BARDWAN—contd.</b>											
<b>(1) Worked by joint stock companies—contd.</b>											
Jote Janokey	1892	26,558	29,739	26,452	23,136	26,442	25,343	28,376	..	19,285	18,985
Joyramchak	1904	..	..	..	..	..	..	..	..	1,778	3,275
Jubilee	1901	..	..	..	..	..	..	..	3,787	3,445	1,722
Juggodi	1908	..	..	..	..	..	..	..	..	49	..
Kalipahari	1901	..	..	..	..	..	..	..	..	..	150
Kantapahari	1898	130,948	101,423	75,847	91,010	81,761	73,306	61,367	61,367	81,701	73,775
Kenda	1907	..	..	..	..	..	..	..	424	18,580	2,259
Kendwa	..	..	..	..	..	..	..	..	..	12,677	13,774
Koolustora	1908	..	..	..	..	..	..	..	..	720	6,227
Kuardih	1906	..	..	..	..	..	..	819	820	24,145	32,502
" (East)	1907	..	..	..	..	..	..	..	..	5,425	..
Laksmigunj	1908	..	..	..	..	..	..	..	..	..	2,376
Lochpur	1890	533	8,726	33,420	50,360	46,548	38,205	43,441	36,995	24,503	35,381
"	1899	..	37,971	37,566	30,687	29,150	29,697	31,242	31,242	23,202	32,388
Madhabpur	1908	..	..	..	..	..	..	..	..	28,618	20,129
Mahmadpur and Monjari	1892	..	9,125	10,000	14,000	11,041	7,265	14,544	..	..	..
Mosila	1889	3,150	4,000	5,411	3,495	4,232	3,325	4,938	4,938	..	..
"	1892	..	..	..	..	..	6,438	8,802	..	..	..
"	1901	..	943	2,100	2,808	3,000	2,993	3,778	4,793	..	..
Mouzia and Basantipore	..	..	..	..	..	..	..	..	25,191	(a) 24,870	12,465
Muslia	1908	..	..	..	..	..	..	..	..	2,862	6,808
Nandi	1893	..	..	..	..	..	..	..	74,062	67,966	53,199
"	1899	6,245	15,000	15,500	20,500	18,767	19,383	..	..	..	..
"	1895	..	3,380	4,687	6,925	4,997	14,200	22,000	23,416	19,861	..
Nandirapur	1893	60,348	62,946	62,907	51,788	66,926	67,561	71,162	..	..	..
Narsamuda	1896	22,179	22,221	49,482	35,528	35,733	40,237	56,500	56,500	63,963	59,502
Napara	1906	..	..	..	..	..	..	9,378	9,289	10,754	..
"	..	..	..	..	..	..	..	..	8,800	15,000	17,149
"	1899	..	..	..	..	..	..	..	..	..	10,233
Nichinta	1901	..	..	..	..	..	..	..	3,013	4,108	3,780
Nimcha	1905	..	..	..	..	..	..	..	..	31,565	28,656
"	1906	..	..	..	..	..	..	..	..	..	5,306
Nimchar	1854	8,045	13,579	10,421	17,301	13,767	13,829	23,277	23,277	..	..
Nuni	1903	..	..	..	..	..	..	..	..	30,791	32,226
"	1908	..	..	..	..	..	..	..	..	..	459
Nuniapole	1901	..	577	366	..	2,154	2,304	2,177	639	1,723	338
Panchgachia	1901	..	57	15,501	42,424	58,698	55,412	54,669	54,669	59,151	45,579
Parandip	1895	9,025	10,989	8,186	5,758	4,610	2,088	4,541	4,542	3,940	..
Parasea	1908	..	..	..	..	..	..	..	..	..	908
Pottary	1907	..	..	..	..	..	..	..	..	12,500	18,788
Pretoria	1900	2,398	13,886	24,250	35,345	48,059	42,368	49,180	49,180	56,287	62,798
Ragunathbaty	1896	..	..	..	26,710	38,423	54,959	29,497	47,251	31,116	15,714
Ramnagar	1907	..	..	..	..	..	..	..	19,435	36,880	43,591
Ranadanga	1901	..	11,925	41,840	3,305	4,072	16,405	..	..	..	..
Raniganj	1820	43,211	41,919	36,460	34,018	44,978	36,415	46,609	46,609	48,061	43,211
"	1907	..	..	..	..	..	..	2,770	..	..	..
Salanpur	1891	126,184	160,591	177,872	166,363	192,428	146,108	94,014	94,014	74,833	72,067
Sanctoria	1861	114,095	62,323	59,497	85,298	92,682	69,380	82,570	82,570	69,561	91,467
Sankarpur	1908	..	..	..	..	..	..	..	..	..	3,656
Sarthakpur	1899	..	5,451	4,000	6,521	8,417	6,085	9,047	9,547	5,557	12,707
Sathpukuria	1895	14,154	13,613	4,800	13,270	9,636	11,473	8,732	7,255	6,449	5,420
"	1900	1,400	..	..	..	5,235	4,027	..	..	..	..
"	1907	..	..	..	..	..	..	..	..	10,389	16,710
"	1903	..	..	..	..	..	..	..	..	..	10
Setlah	1872	79,508	84,216	77,732	74,605	89,399	92,324	95,750	95,750	136,783	129,188
Sibpur	..	..	..	..	..	..	..	..	..	18,185	..
Singara	..	..	..	..	..	..	..	..	..	..	..
Sitalpur	1900	..	29,988	45,281	85,994	97,615	92,714	113,017	113,017	115,646	102,316
Sodepur	1877	73,567	124,512	148,607	212,003	211,377	117,895	157,906	212,047	199,561	155,355
Sonachora	1899	16,000	4,800	..	..	2,920	1,560	2,694	2,694	2,682	2,705
Sonepur	1906	..	..	..	..	..	..	600	5,258	4,047	..
Sudhi	1895	..	..	..	..	12,181	11,090	33,024	..	..	10,503
"	1906	..	..	..	..	..	..	12,000	12,000	19,366	12,441
Sundor Chak and Bamondihi	1873	3,604	10,874	14,954	16,181	13,000	14,711	23,589	23,589	11,801	10,056
Sunkerpore	1908	..	..	..	..	..	..	..	..	30	..
Sunpur	1909	..	..	..	..	..	..	..	..	..	5,219
Topsi	1874	47,598	45,476	50,539	52,963	32,442	20,846	26,692	26,692	15,300	20,856
Viceroy	1896	..	..	..	..	..	..	..	701	7,770	5,295
"	1907	..	..	..	..	..	..	..	..	..	25,734
<b>(2) Worked by private owners—</b>											
Bamondihi	1877	5,000	6,400	7,000	7,000	7,000	9,000	1,600	800	700	..
"	1880	4,139	4,315	6,400	1,127	3,947	1,905	..	..	..	..
"	1898	..	..	..	..	..	2,552	8,100	..	..	..
Ban Bishtupur	1899	5,271	11,718	5,046	3,600	6,339	2,880	5,035	12,068	2,413	3,684
Barabani	1884	19,604	19,933	21,813	16,385	15,330	14,962	16,832	..	..	..
"	1894	..	..	13,163	6,176	6,830	4,774	..	..	..	..

(a) The figure is not carried into the total as the return was not submitted in time to the Chief Inspector of Mines for incorporation in his annual report

No. 2—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these are available—continued

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
BENGAL—contd.											
RANIGANJ COAL-FIELD—contd.											
BARDWAN—contd.											
(2) Worked by private owners—contd.											
Barabani (West)	1896	5,376	4,165	4,604	..	7,191	5,292	..	..	..	..
" (South)	1906	..	..	..	..	..	..	..	6,361	10,423	10,586
" (New)	1908	..	..	..	..	..	..	..	..	..	639
Barahak	1861	..	..	5,790	6,364	5,137	3,797	6,209	6,209	5,741	4,800
Bardwan (New)	1909	..	..	..	..	..	..	..	..	..	91
Begunia	1888	20,852	18,734	5,081	8,900	9,207	10,000	4,236	..	..	..
"	1889	14,000	9,703	14,649	6,368	4,850	4,884	..	5,255	..	..
"	1890	5,896	6,068	5,321	5,162	2,884	4,023	..	..	..	..
" Khas	1893	20,389	18,075	19,375	17,883	14,271	12,809	15,212	15,212	17,601	11,864
"	1905	..	..	..	..	..	..	..	7,261	5,787	1,495
Benakuri	1906	..	..	..	..	..	..	..	..	..	16,586
Bhanora	1898	..	..	..	..	..	..	..	2,886	26,268	..
Bhutdoba	1895	..	..	..	..	4,912	4,912	5,412	8,204	2,780	2,318
"	1899	5,205	3,250	6,275	6,300	6,500	5,294	8,203	2,997	3,113	1,385
Binnidikatta	1906	..	..	..	..	..	..	..	2,229	4,723	385
Bonbahal	1876	2,398	2,538	2,450	2,130	1,125	1,050	1,540	1,540	..	..
Bonjimari	1898	..	..	..	..	..	..	..	7,650	3,896	1,037
Champtonia	1908	..	..	..	..	..	..	..	..	..	696
Charanpur	1875	..	..	..	..	..	..	..	..	..	63,996
Chotapathar	1906	..	..	..	..	..	..	..	..	..	..
Choto Dhemo	1883	21,233	32,472	44,670	56,609	50,521	42,858	39,921	39,921	4,186	33,432
"	1885	..	..	..	..	..	..	..	..	36,881	5,712
Danra (New)	1899	10,000	11,759	12,340	13,000	13,000	9,245	3,033	10,381	12,299	9,764
"	1892	11,580	3,791	10,274	8,917	12,524	7,951	1,353	3,033	..	..
Dhadka	1905	..	..	..	..	..	..	..	..	..	..
Dabalia	1895	..	..	..	..	..	..	13,000	18,357	11,829	8,500
Dobrans (New)	1907	..	..	..	..	..	..	..	..	1,895	1,865
"	1908	..	..	..	..	..	..	..	..	950	1,683
Faridpur	1898	..	..	..	8,032	7,000	7,100	7,300	7,300	10,510	8,727
Ghusik	1888	18,533	55,078	44,803	43,752	42,190	55,578	60,780	13,141	12,111	11,058
" (New)	1901	..	..	..	1,673	3,386	1,600	3,482	34,950	21,252	16,986
"	1904	..	..	..	3,900	2,300	2,666	..	3,432	6,180	3,057
" (West)	1896	..	..	..	..	622	5,997	..	..	..	..
" (North)	1908	..	..	..	..	..	..	1,466	4,864	4,251	6,309
Haripur	1899	3,375	9,666	9,182	7,790	7,941	8,140	7,618	12,069	10,765	1,294
"	1906	..	..	..	..	..	..	..	9,219	11,362	8,712
Hatnal	1907	..	..	..	..	..	..	..	429	5,100	15,936
Jamehari	1854	32,605	44,520	29,944	16,840	30,433	23,503	27,841	22,415	22,780	2,008
Jote Janaki	1901	..	..	..	10,500	6,500	6,500	14,139	19,196	17,891	19,707
"	1901	..	..	..	..	..	..	..	15,785	13,239	14,485
Kajora	1908	..	..	..	..	..	..	..	..	1,200	12,968
"	1908	..	..	..	..	..	..	..	..	..	2,000
"	1908	..	..	..	..	..	..	..	..	..	5,464
Kalipahari (West Ghusik)	1895	5,137	6,951	8,850	6,235	4,725	4,548	6,530	4,170	9,179	1,845
"	..	5,912	8,795	9,749	5,228	5,719	4,933	11,429	12,166	4,511	..
Kashidanga	1895	12,200	8,731	7,182	2,404	6,122	6,091	..	..	..	3,687
Kenda (2 mines)	1906	..	..	..	..	..	..	..	12,722	8,688	9,153
"	1908	..	..	..	..	..	..	..	..	..	658
Kendra	1908	..	..	..	..	..	..	..	..	..	2,046
Keshabganj	1891	1,000	2,977	2,850	3,600	4,400	8,100	10,200	8,900	4,420	6,761
"	1902	..	..	..	..	..	..	..	3,079	1,008	1,384
"	..	..	..	..	..	..	..	..	2,006	1,657	418
Khairabad	..	..	..	..	..	..	..	..	..	..	..
Khoodka	1907	..	..	..	..	..	..	..	..	..	97
Lakshmigunge	1906	..	..	..	..	..	..	..	170	..	200
Mahanpur	1895	..	..	..	..	..	..	..	6,900	2,796	..
Mosila	1901	..	..	800	..	..	..	..	..	500	60
"	1890	..	..	..	..	..	3,800	4,240	3,400	2,700	2,000
"	1904	..	..	..	..	..	..	..	..	4,677	4,681
" (New)	1908	..	..	..	..	..	..	..	..	1,783	2,090
Monthdih	1887	..	..	..	..	..	..	..	..	..	441
Nawpara	1900	..	6,664	5,210	11,143	9,577	15,156	14,710	3,600	1,524	..
"	1899	..	..	..	..	5,314	9,978	..	39,803	19,349	21,812
Niga Valley	1899	700	1,125	6,462	7,126	7,380	6,658	6,000	6,000	4,643	4,649
Niga (South)	1909	..	..	..	..	..	..	..	..	..	..
Nundi	1901	..	1,650	8,067	11,509	8,000	7,400	6,100	..	..	710
Nuni	1902	..	..	7,160	10,763	19,259	21,119	25,791	..	..	15,514
Pahargora	1908	..	..	..	..	..	..	..	..	..	..
" (New)	1908	..	..	..	..	..	..	..	..	2,834	275
Palasdi	1905	..	..	..	..	..	..	..	..	38	178
Purandip	1896	..	..	..	..	..	9,121	23,300	23,000	8,072	6,768
Raghunath Chak	1840	3,508	3,125	3,075	1,530	325	100	275	275	6,553	4,300
Rampur	1906	..	..	..	..	..	..	15,378	..	..	5,684
Ranadanga	1907	..	..	..	..	..	..	..	..	..	..
Sabanpur	1896	..	..	..	..	..	..	..	..	..	7,064
Sangramghur	1908	..	..	..	..	..	..	..	3,972	3,238	127
Satpukhuria	..	..	8,859	11,694	2,046	8,260	5,153	..	..	..	2,580

(a) Including Samla

## No. 2.—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these are available—continued

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>BENGAL—contd.</b>											
<b>RANIGANJ COAL-FIELD—contd.</b>											
<b>BARDWAN—contd.</b>											
<b>(2) Worked by private owners—contd.</b>											
Searsale . . . . .	1845	35,088	39,429	26,089	26,645	23,319	19,195	31,500	31,500	30,968	22,000
Srikistopore . . . . .	1892	..	..	..	..	..	..	..	6,438	7,350	10,287
Sudehi . . . . .	1895	900	2,692	2,105	3,548	2,032	4,688	..	..	..	..
Thajora . . . . .	1905	..	..	..	..	..	..	..	400	..	..
Vanora Khas . . . . .	1898	..	13,704	12,327	7,051	3,935	6,657	16,558	..	..	35,059
<b>TOTAL, BARDWAN DISTRICT</b>	..	1,843,704	2,625,330	2,795,898	2,828,881	3,111,186	3,028,291	3,282,412	3,499,482	3,560,933	3,520,361
<b>BANKURA—</b>											
<b>Worked by private owners—</b>											
Banskuri . . . . .	1897	..	2,521	4,200	2,903	420	1,502	..	..	..	..
Gopalpur . . . . .	1901	..	..	..	918	..	..	..	..	..	..
Kalikapur . . . . .	1876	4,155	8,320	7,987	6,813	5,381	3,970	5,855	6,254	5,506	4,630
<b>TOTAL, BANKURA DISTRICT</b>	..	4,155	10,841	12,187	10,634	5,801	5,472	5,855	6,254	5,506	4,630
<b>MEERHUM—</b>											
<b>Worked by private owners—</b>											
Arrang . . . . .	1901	..	..	2,257	..	2,144	2,475	4,262	..	1,100	1,247
<b>MANBHUM—</b>											
<b>(1) Worked by joint stock companies—</b>											
Agoya . . . . .	1894	..	..	..	..	..	..	..	1,322	..	..
Badjna . . . . .	1907	..	..	..	..	..	..	..	12	1,727	7,919
Chanoh and Lakdi . . . . .	1895	44,567	41,747	42,812	..	98,988	129,021	130,234	155,885	160,948	163,537
Chowrassi . . . . .	1901	..	..	..	..	..	..	140,834	143,036	168,092	121,787
Egarkur . . . . .	1907	..	..	..	..	..	..	..	5,069	6,225	1,776
Gorphalbari . . . . .	1895	2,400	4,600	2,039	2,323	2,257	2,577	2,554	3,151	6,902	3,340
Hatbari . . . . .	1903	..	..	..	..	..	..	..	..	47	1,113
Khudia . . . . .	1898	..	..	..	..	..	4,890	3,986	4,495	3,590	..
Kumardobi . . . . .	1907	..	..	..	..	..	..	..	662	8,551	..
" . . . . .	1895	..	..	..	2,540	300	1,600	1,900	..	..	..
Mugma . . . . .	1896	..	..	..	..	..	1,060	..	..	6,300	..
" . . . . .	1905	..	..	..	..	..	..	2,400	4,500	5,012	..
Nodiha . . . . .	1907	..	..	..	..	..	..	..	4,636	17,467	17,992
Rajpura . . . . .	1898	..	..	..	2,337	1,930	1,945	..	..	..	..
Saltore . . . . .	1908	..	..	..	..	..	..	..	50	5,123	3,862
Sango Mohal . . . . .	1901	..	..	..	..	..	..	..	..	21,536	604
Shampur . . . . .	1892	50,000	51,980	64,200	..	..	36,780	41,391	37,517	73,660	60,786
Topatand . . . . .	1907	..	..	..	..	..	..	..	..	6,524	5,872
<b>(2) Worked by private owners—</b>											
Banderchua . . . . .	1907	..	..	..	..	..	..	..	..	..	3,360
Bhalcooria . . . . .	1908	..	..	..	..	..	..	..	..	..	20
Bhangabad Banga Laksmi . . . . .	..	..	..	..	..	..	..	..	..	..	120
Biraingpore . . . . .	1907	..	..	..	..	..	..	..	1,350	10,716	1,222
" (3 mines) . . . . .	1908	..	..	..	..	..	..	..	..	2,939	876
Brindabanpur . . . . .	1907	..	..	..	..	..	..	..	2,055	4,391	5,121
" . . . . .	..	..	..	..	..	..	..	..	..	..	1,089
Chatadanga . . . . .	1907	..	..	..	..	..	..	..	..	5,012	2,500
Dhadrakadh . . . . .	1907	..	..	..	..	..	..	..	..	1,676	..
Egarkur . . . . .	1894	3,232	1,738	4,237	2,161	19,921	3,353	4,556	500	..	..
" . . . . .	1895	..	..	..	..	..	2,360	2,361	7,040	4,245	1,051
" . . . . .	1899	..	..	..	..	..	..	1,345	3,492	4,500	104
" (2 mines) . . . . .	1905	..	..	..	..	..	..	1,144	3,779	3,228	2,938
" (2 mines) . . . . .	1907	..	..	..	..	..	..	..	3,337	1,816	4,168
" (Kalitola) . . . . .	1907	..	..	..	..	..	..	..	..	4,600	1,200
" (2 mines) . . . . .	1908	..	..	..	..	..	..	..	..	11,057	3,791
" (North) . . . . .	1908	..	..	..	..	..	..	..	..	1,045	..
" . . . . .	1909	..	..	..	..	..	..	..	..	..	100
Fatka . . . . .	1905	..	..	..	..	..	..	1,900	13,004	24,862	22,429
Jagrad . . . . .	1907	..	..	..	..	..	..	..	577	..	600
Kalimati . . . . .	1893	925	..	2,115	..	..	25,293	2,042	2,425	2,127	2,044
" (2 mines) . . . . .	1907	..	..	..	..	..	..	..	3,431	3,244	..
" . . . . .	1909	..	..	..	..	..	..	..	..	..	150

(a) Defective in details

(b) Chanoh only

(c) Including Damookunda

No. 2—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900, so far as these are available—continued

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>BENGAL—contd.</b>											
<b>RANIGANJ COAL-FIELD—concl'd.</b>											
<b>MANBHUM—cont'd.</b>											
<b>(2) Worked by private owners—cont'd.</b>											
Kapasara (2 mines)	1902	..	..	..	8,951	7,611	7,723	701	10,606	9,127	11,762
"	1904	..	..	..	..	..	6,059	7,172	6,404	5,214	4,272
"	1901	..	..	..	..	..	..	3,246	4,466	6,717	5,828
"	1906	..	..	..	..	..	..	..	4,640	5,408	4,446
"	1907	..	..	..	..	..	..	..	..	1,440	1,562
"	1908	..	..	..	..	..	..	..	..	1,072	876
Kethardih	1907	..	..	..	..	..	..	..	217	454	..
Khudia	1898	..	..	..	..	..	..	..	..	..	1,970
Kusum Kanali	1899	..	..	..	..	3,394	1,165	..	6,510	9,468	7,945
Mugma	1895	..	..	..	..	..	..	..	..	..	6,250
"	1897	..	..	..	..	..	..	..	..	..	3,595
"	1903	..	..	..	..	..	..	..	..	4,385	2,958
" (2 mines)	1907	..	..	..	..	..	..	..	12,545	..	..
"	1908	..	..	..	..	..	..	..	..	100	250
Patel	1906	..	..	..	..	..	..	..	652	..	..
Pattlabari	1906	..	..	..	..	..	..	..	2,542	18,019	2,159
Pitakiri	1909	..	..	..	..	..	..	..	..	..	209
Radhaballeypur	1909	..	..	..	..	..	..	..	..	..	500
Rajpura	1901	..	..	..	..	..	850	3,834	1,938	2,202	1,200
"	1901	..	..	..	..	..	..	..	..	1,010	1,832
"	1907	..	..	..	..	..	..	..	..	5,659	4,551
"	1888	..	..	..	..	..	..	..	..	..	582
"	1909	..	..	..	..	..	..	..	..	..	91
Sango Mahal	1901	..	..	..	800	..	200	4,729	14,400	..	..
Shudree	1906	..	..	..	..	..	..	..	7,155	7,768	2,066
<b>TOTAL, MANBHUM DISTRICT</b>	..	10,124	(a) 100,045	(a) 229,374	(a) 223,067	229,898	224,876	356,123	474,299	651,654	506,195
<b>SANTHAL PARGANAS—</b>											
<b>Worked by private owners—</b>											
Palaethal	1899	875	600	670	605	524	536	816	575	..	257
Sultapur	1895	..	..	1,337	1,421	704	886	1,095	1,049	2,588	2,122
<b>TOTAL, SANTHAL PARGANAS</b>	..	875	600	2,007	2,026	1,228	1,422	1,911	1,624	2,688	2,379
<b>TOTAL, RANIGANJ COAL-FIELD</b>	..	1,040,858	2,786,816	3,042,223	(b) 3,066,720	3,350,257	3,262,536	3,650,568	3,981,650	4,221,781	4,084,812
<b>RAJMANHAL COAL-FIELD—</b>											
<b>SANTHAL PARGANAS—</b>											
<b>Worked by private owners—</b>											
Bargo	..	..	..	..	..	54	106	198	80	67	..
Domonpur and Bhalki	1890	..	129	..	198	174	178	280	181	165	..
Ghat Chora	1900	117	15	27	4	22	32	31	46	28	..
Katmirki and Madanocotta	1901	130	259	107	133	24	8	68	..	..	1,900
Sarabud	1908	..	..	..	..	..	..	..	..	..	..
1897	..	..	..	..	..	..	..	..	..	53	..
<b>TOTAL, RAJMANHAL COAL-FIELD</b>	..	247	403	219	385	274	414	577	257	333	1,900
<b>HAZARIBAGH—</b>											
<b>BOKARO-RANGARH COAL-FIELD—</b>											
<b>Worked by private owners—</b>											
Nalsara	1908	..	..	..	..	..	..	..	..	..	424
Parawata	1908	..	..	..	..	..	..	..	..	..	2,120
Phoyri	1909	..	..	..	..	..	..	..	..	..	1,782
<b>TOTAL, BOKARO-RANGARH</b>	..	..	..	..	..	..	..	..	..	..	4,326

(a) Including Damookunda

(b) Defective in details

## No. 2—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these are available—continued

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
<b>BENGAL—contd.</b>												
<b>GIRIDIH COAL-FIELD—</b>												
<i>(1) Worked by joint stock companies—</i>												
Dhobidih . . . . .	1908	..	..	..	..	..	..	..	..	..	18,502	
Kuldiha . . . . .	1869	87,251	75,641	106,061	122,306	151,268	178,610	158,125	98,491	70,540	90,158	
Kurhurbari and Serampore . . . . .	{ 1871 and 1873	528,872	501,170	613,789	600,090	585,458	617,973	623,979	616,777	671,743	588,341	
Pahardih . . . . .	1894	33,760	23,365	26,895	22,160	18,096	9,840	..	..	..	..	
<i>(2) Worked by private owners—</i>												
Baroadih . . . . .	1901	..	4,005	6,121	4,168	3,534	2,500	..	..	..	..	
Bayra or Lakhoria . . . . .	1893	18,500	8,800	15,174	..	..	15,500	11,708	..	..	..	
Budheadih . . . . .	1901	..	..	..	..	..	..	..	13,722	7,184	..	
Buriadih or Chaujka . . . . .	1893	..	..	..	..	..	2,984	6,851	..	..	..	
Kabribad . . . . .	1907	..	..	..	..	..	..	..	2,215	4,063	2,013	
Lakhari, Mollichua and Sikdardih (3 mines) . . . . .	{ 1904 and 1907 and 1908	..	..	..	..	..	..	..	..	16,350	17,043	3,712
Pareyalata . . . . .	1907	..	..	..	..	..	..	..	2,919	..	..	
Parowatola . . . . .	1902	..	..	..	2,500	880	1,364	2,358	..	2,190	..	
<b>TOTAL, GIRIDIH COAL-FIELD</b> . . . . .	..	667,853	(b) 694,808	(b) 776,656	(b) 766,871	(b) 773,128	829,271	803,321	750,374	782,763	702,811	
<b>TOTAL, HAZARIBAGH DISTRICT</b> . . . . .	..	607,883	(b) 694,808	(b) 776,656	(b) 766,871	(b) 773,128	829,271	803,321	750,374	782,763	707,137	
<b>...RRIA COAL-FIELD—</b>												
<b>MANBHUM—</b>												
<i>(1) Worked by joint stock companies—</i>												
Alkusa and Kustore (North) . . . . .	1895	152,350	176,410	219,459	187,859	121,458	124,642	86,784	163,568	206,028	159,295	
Angarpathra . . . . .	1894	..	..	..	..	25,150	12,712	22,611	24,000	..	..	
" . . . . .	1895	..	..	..	..	..	5,498	..	..	..	..	
" . . . . .	1903	..	..	..	..	..	..	..	..	93,209	77,418	
Angarpatra and Kantopahari . . . . .	1908	..	..	..	..	..	..	..	..	21,385	(c) 23,191	
" . . . . .	1908	..	..	..	..	..	..	..	..	..	28,599	
Asakuti . . . . .	1908	..	..	..	..	..	..	..	..	8,160	18,956	
Bansjora and Sondra . . . . .	{ 1901 and 1908	..	..	..	13,000	7,000	9,000	..	15,045	34,339	9,402	
Banatakola . . . . .	1906	..	..	..	..	..	..	638	10,236	12,029	12,933	
Basandebpur . . . . .	1900	4,175	11,070	..	23,725	17,500	3,000	..	..	..	..	
Bullari and Khakra . . . . .	1894	..	43,800	53,768	76,357	95,407	30,600	..	20,594	..	70,275	
Benahir . . . . .	1898	..	20,553	66,542	13,261	78,854	83,290	..	61,556	70,876	71,445	
Bhaga . . . . .	1895	23,171	29,058	33,847	30,230	40,637	34,304	30,625	25,788	35,936	36,729	
Bhagaband . . . . .	1900	..	1,000	916	400	181	28,980	60,304	74,893	75,213	93,659	
" . . . . .	1901	..	..	..	..	20,000	6,500	..	..	..	..	
Bhalgora, Simlabahal, and Burragarh (3 mines) . . . . .	1899	..	(d) 13,701	(d) 12,973	..	(d) 5,251	185,265	159,522	(e) 191,540	187,179	172,053	
Bhatdi . . . . .	1906	..	..	..	..	..	..	..	..	2,123	41,572	
Bhowra . . . . .	1901	..	6,010	30,119	53,269	88,060	142,539	157,739	169,383	208,093	180,728	
Bhuggutdih . . . . .	1890	74,666	92,842	84,273	46,810	62,008	75,110	95,977	100,782	144,853	67,962	
Bhulanbarari . . . . .	1897	..	..	..	..	..	40,606	16,601	67,636	94,395	132,772	
Bhutgoria, Kupergoria, and Surgojia (3 mines) . . . . .	1902	..	..	..	..	2,322	26,240	62,725	(f) 80,878	90,078	(f) 87,150	
Brahmanbarari and Bhulanbarari (2 mines) . . . . .	{ 1894 and 1900	..	..	..	243,583	147,448	40,500	170,719	171,550	180,282	216,026	
Budroochawk . . . . .	1907	..	..	..	..	..	..	..	3,000	35,839	34,332	
Burragarh . . . . .	1909	..	..	..	..	..	..	..	..	..	50	
Bussoria . . . . .	1895	..	..	..	..	18,140	28,230	39,960	44,501	37,292	14,769	
Chaitudi . . . . .	1899	..	..	..	41,141	55,635	44,619	46,053	60,208	57,489	43,096	
Chasuaia . . . . .	1906	..	..	..	..	..	..	..	8,068	22,008	29,780	
Dhrojoba . . . . .	1903	..	..	..	..	..	22,980	18,200	30,139	53,668	51,141	
Emanpahari . . . . .	1901	..	..	..	..	..	..	..	..	..	4,707	
Eua . . . . .	1906	..	..	..	..	..	..	8,839	23,817	47,776	24,982	
Gandudi . . . . .	1895	..	..	..	..	..	..	19,912	27,222	..	..	
Ganglatur . . . . .	1899	..	..	..	..	..	31,124	..	..	..	..	
Ganhudia and Dobari (2 mines) . . . . .	1900	..	..	..	..	..	..	..	5,545	..	..	
Ganzlatan . . . . .	1899	..	..	..	..	..	..	..	20,244	21,190	28,461	
Gobindopur . . . . .	1907	..	..	..	..	..	..	..	12,119	25,599	28,792	
" (South) . . . . .	1907	..	..	..	..	..	..	..	..	34,158	30,792	
Godhor . . . . .	1899	..	38,684	36,860	..	..	32,002	..	..	..	..	
Golakdih . . . . .	1907	..	..	..	..	..	..	..	20,705	34,030	..	
Gopaliohak (West) . . . . .	1894	5,027	88,838	51,307	..	..	70,000	86,556	90,235	64,358	39,271	
" . . . . .	1901	..	..	..	..	..	..	23,520	38,680	90,598	70,827	
Hariladi . . . . .	1901	..	..	..	..	2,116	11,789	164,093	48,026	20,329	1,558	
" . . . . .	1902	..	..	..	..	..	..	..	..	10,752	7,219	

(a) Pahardih included

(b) Defective in details

(c) Including Ramkanali

(d) Burragarh only

(e) Khas Jherria included

(f) Bhutgoria only

(g) Bhulanbarari excluded

No. 2—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1910 so far as these are available—continued

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1900
BENGAL—contd.												
JHERRIA COAL-FIELD—contd.												
MANBHUM—contd.												
(1) Worked by joint stock companies—contd.												
Huntodi	1906	..	..	..	..	..	..	..	13,378	51,184	55,469	..
Imampahari	1901	..	..	..	4,342	3,450	4,645	..	..	..	..	..
Industry	1903	..	..	..	..	..	..	..	..	..	..	13,043
Jairampur	1902	..	..	..	..	..	..	1,169	13,000	..	..	..
"	1903	..	..	..	..	..	..	8,080	10,587	..	..	..
Jamadoba	1902	..	..	6,654	43,721	119,243	194,006	186,939	200,960	227,581	229,438	..
Jherria Khas	1901	..	..	..	30,785	86,665	77,188	41,669	67,790	66,322	100,992	..
"	1903	..	..	..	..	..	..	..	..	..	..	60,203
" (East)	1906	..	..	..	..	..	..	43,020	58,652	..	..	5,148
Jinagora	1907	..	..	..	..	..	..	..	10,857	..	..	4,114
Jogra	1894	..	..	..	..	..	..	..	..	..	88,199	..
Kankani	1901	..	..	..	73,447	75,658	74,467	96,046	112,639	130,387	82,025	..
Kantapahari	1895	..	..	..	..	..	1,494	4,335	10,608	..	..	..
"	1903	..	..	..	..	..	..	..	..	..	..	..
" (West)	1914	..	..	..	..	..	..	..	..	..	13,215	..
Kantapahari and Angarpathra (2 mines)	1906	..	..	..	..	..	..	..	..	..	..	4,478
Katras	1899	..	..	..	..	..	..	5,526	20,365	..	..	..
Kenduadi	1894	73,396	43,303	72,190	102,600	100,015	105,425	100,175	118,099	102,380	103,878	..
"	1902	..	..	..	85,597	79,526	25,372	103,445	97,615	113,893	110,395	..
"	1903	..	..	..	..	33,226	68,151	69,781	49,259	..	..	..
Keska	1895	..	..	..	19,838	10,746	151	..	..	..	41,331	51,270
Kessurgurb	1907	..	..	..	..	..	..	..	..	..	..	..
Khaira	1894	..	..	..	..	..	..	..	..	..	16,967	19,927
Khas Jherria	1903	..	..	..	..	..	..	55,184	62,770	65,411	..	..
Khera	1906	..	..	..	..	..	..	..	..	..	78,459	..
Koradih	1907	..	..	..	..	..	..	14,513	..	..	..	..
Kujama	1903	..	..	..	..	..	..	..	100	..	..	..
" (South)	1907	..	..	..	..	..	..	11,450	29,331	..	..	..
Kurkend (Central)	1901	..	2,329	10,476	..	..	16,619	60,000	7,579	18,594	25,661	..
"	1904	..	..	..	..	36,194	28,061	..	62,165	90,188	52,533	..
"	1897	..	..	..	..	..	10,158	18,000	30,638	..	..	..
"	1895	9,000	10,665	9,170	..	..	14,176	17,714	29,432	58,996	..	..
"	1899	33,883	47,489	41,581	..	47,000	31,658	..	34,585	33,964	49,885	..
"	1896	..	..	..	..	8,092	25,813	16,527	..	..	..	..
"	1906	..	..	..	..	..	..	14,514	32,092	33,500	30,479	..
Kusunda (East)	1897	..	..	..	..	..	..	71,401	..	..	..	38,231
"	1895	..	50,773	..	..	91,971	92,251	129,379	175,404	..	..	..
"	1899	5,974	5,338	4,391	..	15,460	17,150	8,123	21,099	280,649	218,032	..
"	1903	..	..	..	..	8,400	18,278	27,200	..	..	..	..
Kustore (South)	1907	..	..	..	..	..	..	..	..	8,939	4,737	..
Lakorka	1895	..	24,532	17,415	..	..	..	24,995	..	..	53,036	..
Layabad	1893	..	..	..	..	..	20,341	32,462	45,334	54,629	64,647	..
Lodhna	1899	..	17,166	33,145	75,030	95,926	95,178	117,442	118,048	96,945	115,421	..
" and Madhuband	1897	..	..	..	31,384	21,552	248,949	213,902	245,142	262,145	280,056	..
Matigara	1903	..	..	..	..	..	..	..	..	..	..	..
Madhuband	1902	..	..	..	..	17,561	68,741	66,914	66,178	84,128	15,826	..
Mohespur	1908	..	..	..	..	..	..	..	..	..	..	..
Muchuridih	1907	..	..	..	..	..	..	..	..	767	6,045	..
Mudidi	1895	..	..	..	..	..	..	..	1,202	10,693	21,317	..
Muhuriband	1903	..	48,128	96,770	..	..	95,380	97,488	106,045	110,463	88,734	..
Muralidi	1903	..	..	..	..	2,421	3,804	11,450	..	..	..	..
Nadkhurki	1907	..	..	..	15,443	53,611	78,382	33,683	88,860	119,301	112,201	..
" (East)	1908	..	..	..	..	..	..	..	895	29,009	..	..
Nichitpur	1908	..	..	..	..	..	..	..	..	..	..	15,424
Noonoodih	1903	..	..	..	..	..	..	..	..	10,202	1,267	..
Paddugora	1906	..	..	..	..	5,930	9,453	32,403	50,138	51,169	52,854	..
Pandabari	1907	..	..	..	..	..	..	4,141	..	..	..	..
Pandedih (2 mines)	1907	..	..	..	..	..	..	..	125	..	..	..
Parbad	1902	..	..	..	..	..	..	..	3,255	..	..	..
Piratand	1907	..	..	..	..	..	12,000	9,632	..	..	..	..
Pandakansali	1907	..	..	..	..	..	..	..	670	10,830	24,496	..
Phularitand	1902	..	..	..	..	..	..	..	..	5,235	6,972	..
"	1907	..	..	..	..	..	..	9,632	22,277	..	..	..
Pindargaria (2 mines)	1907	..	..	..	..	..	..	..	9,258	16,217	35,450	..
Potki	1908	..	..	..	..	..	..	..	1,580	..	..	..
Ramkanali	1907	..	..	..	..	..	..	..	..	15,435	24,540	..
Sendra	1898	..	..	..	..	..	..	..	804	29,490	..	..
Sijua	1893	92,469	91,100	..	..	..	..	..	..	73,058	94,562	..
Sinidih (2 mines)	1907	..	..	..	..	..	63,229	83,516	62,614	81,451	85,688	..
Sudamdih	1905	..	..	..	..	..	..	..	2,242	44,986	28,006	..
"	1907	..	..	..	..	..	..	12,260	16,741	18,748	30,806	..
Sudriadi	1906	..	..	..	..	..	..	..	12,154	19,138	34,642	..
Sutikdih	1907	..	..	..	..	..	..	..	14,865	42,811	20,178	..
Tandabari	1907	..	..	..	..	..	..	..	2,221	11,002	32,776	..
Taera	1908	..	..	..	..	..	..	..	..	500	597	..
Tentulmuri	1906	..	..	..	..	..	..	..	..	..	5,771	..
Tetturia	1900	..	..	..	..	..	..	4,440	38,600	68,181	60,603	..
" (New)	1907	..	..	..	..	5,069	18,472	29,749	..	..	..	..
"	1908	..	..	..	..	..	..	..	71,552	77,950	37,000	..
Verakotah	1907	..	..	..	..	..	..	..	..	16,719	9,837	618

## No. 2—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these are available—continued

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>BENGAL—contd.</b>											
<b>JHERRIA COAL-FIELD—contd.</b>											
<b>MANBHUM—contd.</b>											
<b>(2) Worked by private owners—</b>											
Alkusa and Kiska	1906	..	..	..	..	..	..	8,075	50,520	43,091	37,772
Angarpatra	1895	..	..	..	..	..	..	..	15,497	23,207	..
"	1905	..	..	..	..	..	..	..	10,578	..	10,999
" (South)	..	..	..	..	..	..	..	..	3,921	..	..
Angarpatra and Kantapahari	1894	36,000	60,813	33,100	..	4,000	5,000	12,000	12,000	..	24,274
Bagdighi	1898	23,600	34,648	54,109	58,770	31,909	75,741	80,473	96,177	74,810	112,646
Bahardih	1907	..	..	..	..	..	..	..	925	800	..
Bamangarh	1907	..	..	..	..	..	..	..	300	..	..
Bansdebpur	1900	..	..	..	..	..	..	36,000	55,335	72,082	85,006
Bansjora	1901	..	..	..	..	..	..	10,400	..	..	..
Barahmasia (2 mines)	1908	..	..	..	..	..	..	..	..	704	..
Baroa	1907	..	..	..	..	..	..	..	50	..	..
Baroabara	1906	..	..	..	..	..	..	650	1,700	3,200	..
" (new)	1907	..	..	..	..	..	..	..	..	3,066	76
Barora	1908	..	..	..	..	..	..	..	..	653	400
"	..	..	..	..	..	..	..	..	..	550	..
Belari	1900	648	2,091	2,152	11,355	26,997	26,618	38,000	22,434	..	..
"	1903	..	..	..	..	..	26,244	21,854	43,878	..	..
Belunjabad	1907	..	..	..	..	..	..	..	143	1,318	..
Bhatmurua and Jamua (2 mines)	1908	..	..	..	..	..	..	..	..	200	..
Bhupatdih (South)	1908	..	..	..	..	..	..	..	..	1,332	484
Badora	1908	..	..	..	..	..	..	..	..	..	60
Braroabara	1907	..	..	..	..	..	..	..	..	..	153
Bullari	1897	..	..	..	..	..	..	..	..	13,464	7,775
"	1902	..	..	..	..	..	..	..	..	42,668	35,368
"	1903	..	..	..	..	..	..	..	..	18,892	17,536
Chandore	1898	150	2,744	2,397	200	2,505	1,880	4,228	7,004	3,376	1,991
" (4 mines)	1901	..	4,211	11,793	679	4,375	20,984	4,756	27,773	19,322	14,102
"	1907	..	..	..	..	..	..	..	..	2,741	34
"	1908	..	..	..	..	..	..	..	..	5,738	..
" (now)	1908	..	..	..	..	..	..	..	..	123	..
"	1909	..	..	..	..	..	..	..	..	..	2,269
Chandore, Kantapahari, and Pandedih (4 mines)	1901	..	..	..	..	..	..	21,636	22,441	22,553	12,712
Chandrabad (2 mines)	1907	..	..	..	..	..	..	..	500	3,518	..
"	1908	..	..	..	..	..	..	..	..	9,000	..
Detakhera	1907	..	..	..	..	..	..	..	..	100	..
Dhansar (2 mines)	1908	..	..	..	..	..	..	..	..	4,681	2,900
Dhariajoba	1905	..	..	..	..	..	..	1,093	6,315	12,025	2,017
Dharmaband	1907	..	..	..	..	..	..	..	35	1,193	1,250
Dobari	1895	20,000	20,000	20,587	..	..	11,177	2,962	25,916	33,622	19,095
"	1901	..	..	..	..	..	..	1,825	4,114	2,194	2,108
"	1905	..	..	..	..	..	..	..	..	800	900
" (North)	1906	..	..	..	..	..	..	..	..	4,375	2,164
Dumra Khas	1908	..	..	..	..	..	..	..	..	4,200	1,541
Durgapur	1905	..	..	..	..	..	6,501	16,892	..	(b)18,828	(b)21,587
Ekra Khas	1899	..	..	..	35,000	22,000	34,857	55,900	60,500	74,900	60,300
Emampahari	1901	..	..	..	..	..	..	7,306	6,719	7,300	..
Fatehpur	1900	..	..	..	..	8,791	4,663	4,947	23,547	..	..
"	1895	16,146	..	..	19,997	..	..	..	2,907	4,620	(c)21,448
"	1906	..	..	..	..	..	..	..	11,639	16,158	12,915
Ganjlatour	1896	..	..	..	..	..	..	37,162	..	..	..
Ganhudih	1900	..	..	..	..	..	..	..	..	3,900	4,228
Gansadih	1907	..	..	..	..	..	..	..	1,517	12,000	5,520
Ghunadi (Gandudi)	1895	5,025	..	2,600	..	..	297	4,200	..	..	..
Ginagora (2 mines)	1905	..	..	..	..	..	..	38,172	33,163	..	..
Gataria	1901	..	837	4,727	13,703	22,333	13,862	47,736	35,021	36,945	24,357
"	1902	..	..	..	..	..	..	..	..	6,662	11,601
"	1906	..	..	..	..	..	..	..	..	..	2,915
Gobindpore	1901	..	..	..	..	..	5,000	24,000	29,266	..	..
Godhor	1898	..	..	..	..	..	..	37,540	43,823	79,804	57,191
"	1903	..	..	..	..	..	..	..	..	750	1,125
" (Central)	1908	..	..	..	..	..	..	..	..	30	..
" (West)	1908	..	..	..	..	..	..	..	..	1,200	6,860
Harinachak	1901	..	..	..	..	..	..	..	..	..	3,500
Isakella	1908	..	..	..	..	..	..	..	..	5,270	..
Jenagora (2 mines)	1905	..	..	..	..	..	..	..	2,821	42,796	38,486
" (2 mines)	1909	..	..	..	..	..	..	..	..	..	7,800
Jheria Khas	1902	..	..	..	20,500	16,288	15,469	5,400	27,091	22,090	25,066
"	1906	..	..	..	..	..	..	41,669	11,852	..	17,605
" (new)	1908	..	..	..	..	..	..	..	..	..	11,588
Jogta	1895	60,000	60,000	86,667	..	..	46,252	76,000	72,428	..	65,800
Joyramdih	1907	..	..	..	..	..	..	..	3,196	4,994	124
Joyrampur (lower)	1903	..	..	..	..	500	1,750	..	..	7,434	..
" (5 mines)	1903	..	..	..	..	8,100	12,020	21,228	24,028	74,886	41,935
"	1906	..	..	..	..	..	..	..	19,862	14,170	6,515
Kalithan Surateur	1898	..	..	..	..	..	..	..	..	16,305	15,252
Kandra	1908	..	..	..	..	..	..	..	..	250	550
" (upper)	1907	..	..	..	..	..	..	..	..	7,400	..

(a) Angarpatra included

(b) Fatehpur included

(c) Including Kujana

No. 2—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these are available—continued

Province Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>BENGAL—contd.</b>											
<b>JHERRIA COAL-FIELD—concld.</b>											
<b>MANBHUM—concld.</b>											
<b>(2) Worked by private owners—concld.</b>											
Kantapahari	1908	..	..	..	..	..	..	..	..	3,033	1,281
"	1903	..	..	..	..	..	..	..	..	1,452	869
" (West)	1902	..	..	1,092	..	4,005	4,359	..	6,000	9,798	..
Kenduadi (3 mines)	1907	..	..	..	..	..	..	..	2,572	19,526	7,344
Kesalpur (3 mines)	1907	..	..	..	..	..	..	..	4,971	18,075	6,858
"	1903	..	..	..	..	..	..	..	..	6,803	..
" Bharat	1909	..	..	..	..	..	..	..	..	..	90)
Keshabpur	1907	..	..	..	..	..	..	..	1,437	..	..
Keshargarh	1907	..	..	..	..	..	..	..	3,004	..	..
Khalsa	1908	..	..	..	..	..	..	..	..	1,820	1,200
Kharkabad	1908	..	..	..	..	..	..	..	..	80	..
Khas Jherria	1906	..	..	..	..	..	..	..	..	16,436	..
" " (new)	1903	..	..	..	..	..	..	..	..	3,078	..
" " "	1903	..	..	..	..	..	..	..	..	6,760	..
Koradih	1907	..	..	..	..	..	..	..	..	832	1,820
Kujama	1900	..	..	..	12,465	10,605	5,000	20,500	26,355	..	..
"	1901	..	..	..	50	4,000	6,474	6,311	6,500	5,097	5,922
" (2 mines)	1902	..	..	..	..	..	..	..	17,786	57,373	38,322
" (South)	1906	..	..	..	..	..	..	..	8,273	..	..
Kurkend (2 mines)	1895	3,000	6,778	7,201	5,295	3,943	4,662	11,091	24,829	38,915	32,199
"	1900	..	..	..	..	..	..	..	18,063	19,800	17,005
Kusunda	1895	..	..	..	..	..	..	24,000	..	36,940	16,851
"	1898	..	..	..	..	..	..	..	..	..	20,633
"	1907	..	..	..	..	..	..	..	2,000	31,073	1,006
Lodna	1901	..	..	..	..	..	..	..	..	..	30,285
Lakshmi Narayan	..	..	..	..	..	..	..	..	..	..	720
Lutipahari	1905	..	..	..	..	..	..	..	..	360	..
Mandra	1907	..	..	..	..	..	..	..	..	2,968	915
"	1903	..	..	..	..	..	..	..	..	2,984	340
" Mandra Khas	1908	..	..	..	..	..	..	..	..	325	..
Nadkhurki	1907	..	..	..	..	..	..	..	4,055	25,879	35,121
Pandebera (2 mines)	1901	..	500	2,500	3,000	3,697	16,909	10,537	22,381	25,182	31,108
Pandedih (2 mines)	1901	..	..	..	..	1,200	2,400	5,262	7,000	6,379	1,606
"	1906	..	..	..	..	..	..	..	7,783	6,408	1,200
"	1907	..	..	..	..	..	..	..	..	95	175
" (2 mines)	1908	..	..	..	..	..	..	..	..	6,422	..
Panradih	1901	..	..	..	..	..	..	..	8,600	..	..
Parbad	1902	..	..	..	..	..	..	13,381	5,647	12,579	7,292
Parelgoria	1907	..	..	..	..	..	..	..	1,800	2,000	..
"	1908	..	..	..	..	..	..	..	..	2,325	..
Paredih Khas	1907	..	..	..	..	..	..	..	673	3,300	98
Phularibad	1900	..	3,976	3,752	5,547	7,707	5,246	..	..	33,593	17,257
Pinalgoria	1906	..	..	..	..	..	..	..	..	5,825	4,829
"	1907	..	..	..	..	..	..	..	..	11,787	1,000
Pindagaria	1907	..	..	..	..	..	..	..	1,616	..	..
Ramgarh	1908	..	..	..	..	..	..	..	..	..	..
"	1903	..	..	..	..	..	..	..	..	..	..
Ramanali	1901	..	695	2,925	600	..	1,756	12,967	11,845	7,755	2,789
"	1906	..	..	..	..	..	..	..	3,600	..	..
"	1907	..	..	..	..	..	..	..	1,950	3,871	166
"	1917	..	..	..	..	..	..	..	..	..	2,308
"	1908	..	..	..	..	..	..	..	..	3,459	..
Ranidih	1909	..	..	..	..	..	..	..	..	..	282
Sindih	1907	..	..	..	..	..	..	..	7,279	..	1,980
Sindra	1898	..	..	..	23,550	12,330	37,433	52,839	50,520	..	..
Sonalabad	1908	..	..	..	..	..	..	..	..	..	22,782
Sowardi	1895	..	15,908	..	..	133	140	31,095	46,132	43,790	9,965
Sudandia	..	..	..	..	..	..	..	5,580	..	..	..
Surataur (new)	1900	..	..	..	24,222	30,082	32,151	13,460	20,489	17,701	16,905
"	1899	3,500	5,246	8,690	..	..	..	9,500	14,468	15,300	5,670
"	1898	2,929	8,919	6,624	..	12,260	16,121	11,807	14,290	..	..
Tantulia	1894	..	2,714	1,167	..	500	2,600	22,000	25,126	..	..
"	1906	..	..	..	..	..	..	1,296	16,000	21,637	9,098
"	1908	..	..	..	..	..	..	..	..	8,472	..
Tettulia	1896	..	..	..	..	..	..	..	..	..	2,285
Tetturia (West)	1906	..	..	..	..	..	..	..	16,360	..	..
Tisra	1909	..	..	..	..	..	..	..	..	..	1,089
Tundu	1907	..	..	..	..	..	..	3,865	10,650	11,874	846
Verakotah	1907	..	..	..	..	..	..	..	..	4,246	..
Western India	..	..	..	..	..	..	..	..	..	5,206	2,103
<b>TOTAL, JHERRIA COAL-FIELD</b>	..	650,109	1,100,178	(b) 2,420,786	(b) 2,493,729	(b) 2,889,504	3,070,588	4,076,591	5,179,185	6,453,643	5,832,672
<b>PALAMAU</b>											
<b>DALTONGANJ COAL-FIELD—</b>											
<b>(1) Worked by joint stock companies—</b>											
Rajhara	1901	..	3,881	19,352	25,947	50,517	71,294	86,768	81,873	91,768	83,160
Singra	1902	..	..	..	7,610	..	..	..	..	..	..

(a) Sonalabad included.

(b) Defective in details



## No. 2—continued

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these were available—continued

Province, Coal-field, District and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>BENGAL—concl'd.</b>											
<b>PALAMAU—cont'd.</b>											
<b>DALTANGANJ COAL-FIELD—cont'd.</b>											
(2) Worked by private owners— Singra	1907	..	..	..	..	..	..	..	..	4,623	1,130
<b>TOTAL, PALAMAU DALTANGANJ COAL-FIELD.</b>	..	..	3,881	19,352	33,557	50,517	71,294	86,798	81,873	96,391	84,290
<b>TOTAL, BENGAL</b>	..	(a) 4,978,492	(a) 5,487,585	6,259,286	6,961,212	7,683,680	7,284,103	8,617,920	9,998,348	11,559,911	10,660,911
<b>PANJAB—</b>											
<b>JHELUM—</b>											
<i>Worked by private owners—</i>											
Arra	1904	..	..	..	..	171	..	..	..	..	..
Baghanwala	1893	..	..	..	..	..	..	..	..	..	..
Chapper	1907	..	..	..	..	..	..	..	20	..	..
Chhaja	1907	..	..	..	..	..	..	..	87	566	955
Chiti Dand	1904	..	..	..	..	7,826	15,351	13,391	10,516	8,449	2,596
Dandot	1887	74,083	67,730	55,373	43,704	31,003	43,162	43,661	36,465	28,787	24,649
Dhola Dhar	1904	..	..	..	..	764	..	..	..	..	..
Gambrala	1908	..	..	..	..	..	..	..	..	105	2,850
Mitha Choa	1904	..	..	..	..	494	3,105	386	..	..	..
Nanak Chand	1908	..	..	..	..	..	..	..	..	..	1,422
Naranwala and Choanwala	1906	..	..	..	..	..	..	..	170	2,850	1,833
Natanwala	1907	..	..	..	..	..	..	..	..	650	50
Salariate (3 mines)	1907	..	..	..	..	..	..	..	40	..	..
<b>TOTAL, JHELUM</b>	..	74,083	67,730	55,373	43,704	40,258	61,618	57,498	47,298	41,407	34,135
<b>SHAHPUR—</b>											
Katha	1905	..	..	..	..	5,000	..	561	..	..	..
Nalli	1905	..	..	..	..	..	289	110	..	..	80
Samewala	..	..	..	..	..	..	..	..	..	..	..
Tajoowala	1907	..	..	..	..	..	..	15,000	12,686	12,625	1,055
Thakarkot	1905	..	..	..	..	..	..	..	..	..	1,893
Chota Tajoowala	1903	..	..	..	..	..	..	..	..	60	..
<b>TOTAL, SHAHPUR</b>	..	..	..	..	..	5,000	289	15,671	12,686	12,685	3,028
<b>MIANWALI—</b>											
Anup	1907	..	..	..	..	..	..	..	765	..	..
Borikhel	1908	..	..	..	..	..	..	..	..	12	..
Makarwal	1907	..	..	..	..	..	..	..	..	690	..
Tola Muahji and Kuch Tunda Kheal	1908	..	..	..	..	..	..	..	..	..	45
<b>TOTAL, MIANWALI</b>	..	..	..	..	..	..	..	..	765	702	45
<b>ATTOCK—</b>											
Choi	1904	..	..	..	..	211	715	2	..	..	..
Soomna Salar	1904	..	..	..	..	125	..	8	..	..	..
<b>TOTAL, ATTOCK</b>	..	..	..	..	..	336	715	10	..	..	..
<b>TOTAL, PANJAB</b>	..	74,083	67,730	55,373	43,704	45,594	62,622	73,119	60,749	54,794	37,208

(a) Defective in details

No. 2—concluded

STATEMENT showing the QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1900 so far as these are available—concluded

Province, Coal-field, District, and Mine	When opened	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
<b>NORTH-WEST FRONTIER PROVINCE—</b>											
<i>Worked by private owners—</i>											
<b>Hazara—</b>											
Dhamtour	1903	..	..	..	..	..	..	..	..	90	96
<b>BALUCHISTAN—</b>											
<i>Worked by private owners—</i>											
Bhor	1907	..	..	..	..	..	..	..	50	57	50
Davispur	1905	..	..	..	..	..	598	800	200	216	193
Digari	1894 and 1896	..	1,087	1,003	1,500	1,335	532	619	1,307	1,477	400
Khost	1887	17,664	18,431	25,982	36,444	38,574	34,140	32,500	29,378	31,547	40,237
Leze	1907	..	..	..	..	..	..	..	59	..	..
Mach	1902	..	2,046	1,327	3,259	3,447	2,754	2,865	3,977	4,301	4,261
Mandgorge	1902	..	..	443	58	..	..	..	..	..	..
Singh	1909	..	..	..	..	..	..	..	..	..	355
Sor Range	1896	398	..	..	..	..	..	..	1,134	1,242	536
"	1899	..	3,092	5,134	5,648	6,511	3,703	5,380	4,750	2,662	1,766
"	1901	..	..	..	..	..	..	..	1,427	1,067	587
"	1907	..	..	..	..	..	..	..	206	1,731	309
"	1908	..	..	..	..	..	..	..	..	912	1,669
"	1909	..	..	..	..	..	..	..	..	..	268
"	1909	..	..	..	..	..	..	..	..	..	365
Stentens	1909	..	..	..	..	..	..	..	..	..	264
<b>TOTAL BALUCHISTAN</b>		(a) 23,281	24,656	33,889	46,909	49,867	41,725	42,164	42,488	45,212	52,449
<b>CENTRAL PROVINCES—</b>											
<b>MOHPANI COAL-FIELD—</b>											
<b>NARSINGHPUR—</b>											
<i>Worked by joint stock company—</i>											
Mohpani	1860	39,612	43,046	43,645	31,443	26,818	22,998	27,503	41,322	48,241	60,667
<b>WARDHA VALLEY COAL-FIELD—</b>											
<b>CHANDA—</b>											
<i>Worked by the Government of India—</i>											
Bullarpur	1904	..	..	..	..	90	148	916	18,103	45,299	85,237
Warora	1871	133,230	148,470	153,336	127,623	112,319	123,015	32,327	..	..	..
<b>TOTAL, CHANDA</b>		133,230	148,470	153,336	127,623	112,409	123,163	33,243	18,103	45,299	85,237
<b>CHHINDWARA (PENCH VALLEY)—</b>											
<i>Worked by joint stock companies—</i>											
Barkui	1907	..	..	..	..	..	..	..	18,010	50,742	58,404
Bhajipani	1908	..	..	..	..	..	..	..	..	..	280
Rutoria	1907	..	..	..	..	..	..	..	..	100	..
Chandametta	1905	..	..	..	88	..	1,104	32,102	56,653	65,922	30,531
Craddock	1908	..	..	..	..	..	..	..	..	3,285	2,017
Jattaohapper	1908	..	..	..	..	..	..	..	..	200	964
<b>TOTAL, CHHINDWARA (PENCH VALLEY)</b>		..	..	..	88	..	1,104	32,102	74,663	120,249	92,196
<b>TOTAL CENTRAL PROVINCES</b>		172,842	191,516	196,981	158,154	139,027	147,265	92,848	134,088	213,789	238,100
<b>GRAND TOTAL</b>		5,475,682	6,088,053	(b) 6,779,877	(c) 8,859,613	(d) 7,566,088	7,762,780	9,112,663	10,526,468	12,149,020	11,294,227

(a) Including figures for some mines near Quetta  
 (b) " 187,703 tons converted into coke  
 (c) " 191,606 " " " "  
 (d) " 186,454 " " " "

## No. 3

QUANTITY and VALUE of FOREIGN COAL—PRIVATE MERCHANDISE—IMPORTED into BRITISH INDIA  
from principal Foreign countries for the last twenty years ending 1909

	From United Kingdom		From Australia		From Natal		From Japan		From other countries		TOTAL	
	Tons	R	Tons	R	Tons	R	Tons	R	Tons	R	Tons	R
1890 to 1894 average	682,013	1,23,02,690	15,747	2,55,751	122	2,578	7,699	1,25,479	4,156	77,376	709,737	1,27,63,874
1895 to 1899 average	397,254	78,43,818	21,432	3,73,653	64	1,168	39,170	5,92,074	2,070	36,852	459,990	88,47,565
1900	91,703	24,27,167	14,718	2,58,210	..	..	27,752	5,30,073	1,476	29,115	135,649	32,44,565
1901	112,519	27,53,597	17,283	3,28,154	200	4,000	61,147	8,16,743	478	13,953	191,627	39,16,447
1902	198,574	38,65,545	6,560	1,08,757	600	7,249	9,646	1,35,923	3,967	70,077	219,347	41,87,551
1903	133,815	25,90,580	15,843	2,42,275	1,118	12,930	11,433	1,68,950	1,931	25,229	164,140	30,30,964
1904	176,705	34,62,815	20,325	2,70,888	476	6,100	51,065	7,71,576	5,303	78,983	253,874	45,90,362
1905	147,760	27,21,281	7,862	1,04,005	3,119	59,280	35,396	4,98,762	3,647	65,110	197,784	34,48,438
1906	199,215	38,30,556	13,961	2,53,985	15	150	5,358	72,408	7,816	1,44,092	226,365	43,01,191
1907	227,024	46,24,913	50,696	7,90,013	16,548	2,62,519	3,431	45,521	3,889	51,310	301,588	57,74,276
1908	173,465	37,33,039	129,699	21,01,125	71,831	12,17,923	2,960	43,848	7,368	1,21,727	385,323	72,17,662
1909	311,213	55,85,831	54,792	7,77,681	91,907	14,13,691	11,413	1,62,692	21,096	3,20,124	490,421	82,60,019

## No. 4

QUANTITY (in tons) of INDIAN COAL—PRIVATE MERCHANDISE—EXPORTED from BRITISH INDIA  
to principal Foreign Countries for the last twenty years ending 1909

	To Ceylon	To Straits Settlements	To Sumatra	To Java	To Aden	To British East Africa	To Mauritius	To Hong-kong	To other countries	TOTAL	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	R
1890-94 average	21,172	5,614	..	800	1,144	..	1,130	..	648	30,508	2,95,441
1895-99 average	128,933	61,327	966	..	8,657	502	8,134	..	3,919	212,439	22,10,311
1900	336,569	79,300	10,865	3,352	39,536	615	11,246	400	8,607	490,490	53,77,552
1901	365,906	88,085	10,690	3,691	60,961	15,219	18,512	50	24,757	597,871	63,28,361
1902	282,527	92,287	8,920	..	16,392	9,102	16,871	..	4,016	430,115	41,39,872
1903	252,912	111,520	10,993	2,297	31,210	20,302	10,126	..	2,578	441,938	34,15,116
1904	360,897	144,545	32,810	6,043	31,620	10,762	10,501	..	5,832	602,810	46,87,157
1905	376,853	229,230	33,859	9,788	29,312	..	15,032	81,762	7,197	783,033	61,61,370
1906	416,191	317,655	71,482	12,103	19,233	2,700	10,832	133,752	19,003	1,002,951	79,70,266
1907	320,735	202,445	84,337	8,264	13,835	3,700	4,087	11,266	9,476	658,145	52,73,404
1908	424,575	110,100	97,508	8,522	11,224	150	2,508	..	5,007	659,596	57,35,531
1909	313,385	128,768	79,394	4,718	3,460	..	..	..	34,215	563,940	50,75,918

## No. 5

STATEMENT showing the QUANTITY (in tons) of AVAILABLE SUPPLY of COAL in INDIA for the last twenty years ending 1909

Year	Imports of Foreign Coal (1)	Re-exports (2)	Available supply of Foreign Coal [1—2] (3)	Production of Indian Coal (4)	Exports of Indian Coal to Foreign Ports (5)	Available supply of Indian Coal [4—5] (6)	Total available supply [3 + 6] (7)
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1890 to 1894 average	709,737	258	709,479	2,484,140	30,508	2,453,632	3,163,111
1895 to 1899 average	459,990	259	459,731	4,234,293	212,438	4,021,855	4,481,586
1900	135,649	1	135,648	6,118,692	490,490	5,628,202	5,763,850
1901	191,627	508	191,119	6,835,727	587,871	6,047,856	6,238,975
1902	219,347	1,085	218,262	7,424,402	430,115	6,994,287	7,212,549
1903	164,140	510	163,630	7,438,386	441,938	6,996,448	7,160,078
1904	253,874	16	253,858	8,216,706	602,810	7,613,896	7,867,754
1905	197,784	18	197,766	8,417,739	783,033	7,634,706	7,832,472
1906	226,365	241	226,124	9,793,250	1,002,951	8,780,299	9,006,423
1907	301,588	49	301,539	11,147,339	658,145	10,489,194	10,790,733
1908	385,323	1,037	384,286	12,769,635	659,596	12,110,039	12,494,325
1909	490,421	..	490,421	11,870,114	563,940	11,306,174	11,796,595

X.B.—Production in Native States is included in this table

## No. 6

STATEMENT showing the QUANTITY (in tons) of COAL carried by RAIL and RIVER from and to different trade blocks of INDIA during 1909

FROM	To							
	Bengal (excluding Calcutta)	Calcutta	Bombay Presidency (excluding Bombay Port)	Bombay Port	Sind and British Baluchis- tan (excluding Karachi)	Karachi	Madras Presidency (excluding Madras Ports)	Madras Ports
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Bengal (excluding Calcutta)	..	4,368,534	219,700	5,737	3,184	58	35,310	17,907
Calcutta	16,999	..	..	..	..	..	..	..
Bombay Presidency (excluding Bombay Port)	..	..	..	10,654	..	..	62	..
Bombay Port	..	..	212,541	..	..	..	2	..
Sind and British Baluchistan (excluding Karachi)	..	..	..	..	..	88	..	..
Karachi	..	..	..	..	91,288	..	..	..
Madras Presidency (excluding Madras Ports)	..	..	..	236	..	..	..	2,433
Madras Ports	..	..	52	..	..	..	115,477	..
Eastern Bengal and Assam (excluding Chittagong Port)	8	343	..	..	..	..	..	..
Chittagong Port	..	..	..	..	..	..	..	..
United Provinces of Agra and Oudh	2,994	414	..	..	..	..	..	..
Panjab	..	..	..	..	..	..	..	..
Central Provinces and Berar	9	..	9,616	718	20	..	..	..
Rajputana and Central India	11	..	457	1	..	..	..	..
Nizam's Territory	..	..	58,632	12,823	..	..	103,415	21,105
Mysore	..	..	..	..	..	..	7	..
Kashmir	..	..	..	..	..	..	..	..
<b>TOTAL IMPORTS</b>	<b>20,021</b>	<b>4,369,291</b>	<b>500,993</b>	<b>30,169</b>	<b>94,492</b>	<b>146</b>	<b>254,273</b>	<b>41,445</b>

[Continued below]

FROM	To									
	Eastern Bengal and Assam (excluding Chittagong Port)	Chittagong Port	United Provinces of Agra and Oudh	Panjab	Central Provinces and Berar	Rajputana and Central India	Nizam's Territory	Mysore	Kashmir	Total Exports
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Bengal (excluding Calcutta)	160,565	..	862,313	393,625	149,098	195,782	1,455	1,674	3,371	6,418,313
Calcutta	136,872	61	479	..	..	..	..	..	..	154,411
Bombay Presidency (excluding Bombay Port)	..	..	50	..	2,123	15,789	..	108	..	28,786
Bombay Port	..	..	..	..	1,169	11,773	4,588	..	..	230,093
Sind and British Baluchistan (excluding Karachi)	..	..	7	964	..	104	..	..	..	1,163
Karachi	..	..	25	240,125	..	15	..	..	..	331,453
Madras Presidency (excluding Madras Ports)	..	..	..	..	..	..	..	99	..	2,768
Madras Ports	..	..	..	..	..	..	17	26,398	..	141,944
Eastern Bengal and Assam (excluding Chittagong Port)	..	4,545	..	..	..	..	..	..	..	4,896
Chittagong Port	18,056	..	..	..	..	..	..	..	..	18,056
United Provinces of Agra and Oudh	..	..	..	1,805	2,224	417	..	..	..	7,854
Panjab	..	..	587	..	..	134	..	..	497	1,238
Central Provinces and Berar	..	..	18	59	..	1,982	30	..	..	12,432
Rajputana and Central India	..	..	18,419	1,315	44,634	..	..	..	..	64,837
Nizam's Territory	..	..	..	..	3,338	23,594	..	78,131	..	301,038
Mysore	..	..	..	..	..	..	..	..	..	7
Kashmir	..	..	..	6	..	..	..	..	..	6
<b>TOTAL IMPORTS</b>	<b>315,493</b>	<b>4,606</b>	<b>881,898</b>	<b>637,899</b>	<b>202,806</b>	<b>249,590</b>	<b>6,090</b>	<b>106,410</b>	<b>3,868</b>	<b>7,719,295</b>

## No. 7

STATEMENT showing the QUANTITY (in tons) of COAL exported by SEA from BENGAL and FOREIGN COUNTRIES to other provinces during 1909

Exports from	IMPORTS INTO				
	Bombay	Sind	Madras	E. B. and Assam	Burma
	Tons	Tons	Tons	Tons	Tons
Bengal . . . . .	847,834	449,623	301,881	28,889	347,598
Foreign Countries . . . . .	394,185	33,863	46,615	1,094	41,319

## No. 8

STATEMENT showing the QUANTITY (in tons) of AVAILABLE SUPPLY of COAL in each PROVINCE in BRITISH INDIA during 1909

	Production	Imports (by sea, rail, and river)	Exports (by sea, rail, and river)	[Balance available
	Tons	Tons	Tons	Tons
Calcutta . . . . .	..	4,372,228	(a) 3,664,385	707,843
Bengal (excluding Calcutta) . . . . .	10,660,811	20,021	6,418,313	4,262,519
Bombay Port . . . . .	..	1,116,167	242,325	873,842
Bombay Presidency (excluding Bombay Port) . . . . .	..	500,998	28,786	472,212
Sind and British Baluchistan . . . . .	52,449	577,049	332,618	296,880
Madras . . . . .	..	642,802	144,712	498,090
Eastern Bengal and Assam . . . . .	305,563	351,036	22,952	633,647
United Provinces of Agra and Oudh . . . . .	..	881,898	7,854	874,044
Panjab (including North-West Frontier Province) . . . . .	37,304	637,899	1,238	673,965
Central Provinces and Berar . . . . .	238,100	202,606	12,432	428,274
Burma . . . . .	..	429,112	79	429,033

(a) Includes Bunker Coal, 888,540 tons

## No. 9

STATEMENT showing the QUANTITY of COAL and WOOD consumed on INDIAN RAILWAYS in each year from 1890 to 1909

Year	Indian	Foreign	Total	Per cent of Indian to total	Variation of coal consumed, taking the quantity for the year 1890 as 100	Consumption of wood	Equivalent of wood in term of coal at one ton of coal to 2½ tons of wood	Variation of wood consumed, taking the quantity for the year 1890 as 100
	Tons	Tons	Tons	Tons		Tons	Tons	
1890 . . . . .	654,829	203,578	858,407	76	100	326,252	130,501	100
1891 . . . . .	797,142	216,822	1,013,964	79	118	340,038	136,015	104
1892 . . . . .	885,492	204,367	1,089,859	81	127	302,840	121,136	93
1893 . . . . .	924,900	178,656	1,103,556	84	129	358,756	143,502	110
1894 . . . . .	1,062,748	127,520	1,190,268	89	139	339,657	135,868	104
1895 . . . . .	1,119,621	145,213	1,264,834	89	147	311,512	124,605	95
1896 . . . . .	1,182,051	108,442	1,290,493	92	150	321,052	128,421	98
1897 . . . . .	1,328,120	55,617	1,383,737	96	161	358,244	143,298	110
1898 . . . . .	1,418,241	39,055	1,457,296	97	170	383,380	153,352	117
1899 . . . . .	1,560,771	83,939	1,644,710	95	192	347,890	139,156	107
1900 . . . . .	1,858,061	56,589	1,914,650	97	223	340,830	136,332	104
1901 . . . . .	1,956,601	13,248	1,969,849	99	229	409,150	163,660	125
1902 . . . . .	2,091,992	21,469	2,113,461	99	246	402,442	160,977	123
1903 . . . . .	2,203,889	17,696	2,221,585	99	259	497,185	198,878	152
1904 . . . . .	2,447,341	17,432	2,464,773	99	287	395,297	158,119	121
1905 . . . . .	2,668,424	18,235	2,686,659	99	313	253,093	101,237	78
1906 . . . . .	2,878,281	37,280	2,915,561	99	340	248,224	99,290	76
1907 . . . . .	3,343,219	54,861	3,398,080	98	396	189,448	75,779	58
1908 . . . . .	3,604,094	79,633	3,683,727	98	429	165,085	66,034	51
1909 . . . . .	3,689,093	76,221	3,765,314	98	439	127,114	50,846	39

No. 10

STATEMENT showing the AVERAGE VALUE (per ton) of COAL extracted from the MINES in each PROVINCE IN BRITISH INDIA in each year from 1890 to 1909

Year	E. B. & Assam	Bengal	Panjab	Balu-chistan	Central Provinces	Others	Total British India
	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.
1890	7 0	2 8	9 9	12 8	4 12	-	3 4
1891	7 0	2 9	8 12	13 5	4 14	5 0	3 5
1892	6 15	2 9	8 3	12 5	5 1	11 13	3 4
1893	6 15	2 10	7 14	12 2	4 11	6 3	3 5
1894	6 15	3 1	7 14	12 8	4 9	8 11	3 11
1895	6 15	3 3	8 1	13 4	5 3	5 7	3 11
1896	6 15	2 11	8 6	19 12	4 12	4 7	3 4
1897	6 15	2 8	8 6	14 14	4 11	6 7	3 1
1898	6 15	2 11	8 6	14 4	4 11	6 8	3 2
1899	6 15	2 11	9 5	14 13	4 9	6 8	3 2
1900	4 12	2 14	9 10	20 0	4 8	7 8	3 3
1901	4 12	2 10	8 3	13 13	4 9	7 8	2 15
1902	4 12	2 5	6 8	12 5	4 7	7 0	2 9
1903	4 12	2 4	6 7	9 10	4 8	4 0	2 7
1904	4 12	2 2	7 5	8 3	4 11	4 0	2 6
1905	4 12	2 3	8 3	8 8	4 8	-	2 6
1906	4 12	2 10	7 7	7 15	4 4	3 12	2 13
1907	4 12	3 5	6 15	7 13	4 10	-	3 7
1908	4 12	3 12	6 7	8 4	4 12	5 0	3 14
1909	4 12	3 4	7 15	10 12	4 9	5 0	3 6

No. 11

STATEMENT showing the average PRICES (per ton) of INDIAN and WELSH COAL since 1899

Year	CALCUTTA	BOMBAY			KARACHI		
	Bengal coal(a)	Desharghur	Powell's Duffryn		Indian coal		North Welsh coal
	₹ a. p.	₹ a. p.	₹ a. p.	₹ a. p.	₹ a. p.	₹ a. p.	₹ a. p.
1899	4 0 0	15 4 0	18 0 0	16 8 0	22 6 0		
1900	4 1 0	5 12 0	23 0 0	17 4 0	25 0 0		
1901	3 12 0	15 2 0	21 0 0	18 2 0	24 0 0		
1902	3 7 6	13 12 0	18 8 0	19 6 0	23 6 0		
1903	3 7 0	12 3 0	16 8 0	17 12 0	17 0 0		
1904	3 8 0	11 11 0	18 2 0	17 10 0	19 4 0		
1905	3 8 0	12 0 0	16 2 0(b)	13 7 0	16 10 0		
1906	4 10 0	13 0 0	18 12 0(b)	13 1 0	16 8 0		
1907	6 4 0	15 11 0	21 11 0(b)	17 7 0	20 6 4		
1908	6 12 0	15 10 0	21 0 4(b)	19 14 8	22 14 8		
1909	4 4 0	13 7 0	17 10 0(b)	16 13 4 (c)	19 13 4 (c)		
1910	4 9 7	13 3 0	18 14 0(b)	14 0 8 (c)	18 2 8 (c)		

(a) "Best" from 1899 to 1904, and "Desharghur" since 1905, F. O. B. at Mines  
 (b) Cardiff  
 (c) Trimmed into bunkers



## No. 12

STATEMENT showing the AVERAGE NUMBER of PERSONS EMPLOYED DAILY in the COAL MINING INDUSTRY in BRITISH INDIA, in each year from 1890 to 1909

Year		Men	Women	Children	Total
1890		19,417	7,887	2,900	30,204
1891		20,519	7,534	2,984	31,037
1892		23,108	8,993	3,112	35,213
1893		23,514	8,479	2,544	34,537
1894		26,383	9,413	2,848	38,644
1895		35,146	13,291	3,840	52,277
1896		37,958	13,764	2,590	54,419 (a)
1897		34,625	13,641	2,511	50,787 (a)
1898		36,358	15,473	2,355	54,186
1899		43,271	17,946	2,310	63,527
1900		51,924	23,936	2,922	78,782
1901	{ Below ground	38,708	17,300	1,408	57,414
	{ Above ground	16,976	9,220	1,761	27,947
1902	{ Below ground	41,717	17,009	1,726	60,452
	{ Above ground	17,969	9,149	1,935	29,053
1903	{ Below ground	36,461	15,212	1,164	52,837
	{ Above ground	16,792	8,559	1,373	26,724
1904	{ Below ground	38,497	15,939	1,118	55,554
	{ Above ground	16,954	7,845	1,649	26,448
1905	{ Below ground	37,107	16,244	735	54,086
	{ Above ground	16,907	7,959	1,544	26,410
1906	{ Below ground	40,362	19,121	865	60,338
	{ Above ground	18,846	9,422	1,553	29,821
1907	{ Below ground	42,856	22,323	861	66,040
	{ Above ground	23,411	11,666	1,572	36,649
1908	{ Below ground	48,888	26,204	1,116	76,208
	{ Above ground	27,758	14,116	2,025	43,899
1909	{ Below ground	44,549	24,660	685	69,894
	{ Above ground	25,460	12,311	1,626	39,397

(a) Defective in details

## No. 13

COMPARATIVE STATEMENT of the PRODUCTION and CONSUMPTION of COAL in INDIA and JAPAN for the last twenty years ending 1909

Year	PRODUCTION		IMPORTS		EXPORTS		QUANTITY RETAINED FOR CONSUMPTION	
	India(a)	Japan	India	Japan	India	Japan	India	Japan
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1890 to 1894 average	2,484,140	3,273,454	709,737	17,735	30,766	1,002,330	3,163,111	2,288,859
1895 to 1899 average	4,234,293	5,633,426	459,900	57,420	212,697	1,868,000	4,481,586	4,022,846
1900	6,118,692	7,369,068	135,649	108,593	490,491	2,402,785	5,763,850	5,074,876
1901	6,635,727	8,882,887	191,627	117,708	588,379	2,922,215	6,238,975	6,078,380
1902	7,424,402	9,586,832	219,347	77,233	431,200	2,938,741	7,212,549	6,725,324
1903	7,438,386	9,975,763	164,140	123,807	442,448	3,433,459	7,160,076	6,666,111
1904	8,216,706	10,599,710	253,874	626,711	602,826	2,878,503	7,867,754	8,347,918
1905	8,417,739	11,407,799	197,784	329,495	783,051	2,507,527	7,832,472	9,229,767
1906	9,783,250	13,043,874	226,385	34,525	1,003,192	2,402,354	9,006,423	10,676,045
1907	11,147,339	13,716,488	301,588	18,461	658,194	2,922,490	10,790,733	10,812,459
1908	12,769,635	14,825,363	385,323	30,640	660,633	2,863,116	12,494,325	11,992,887
1909	11,870,114	14,732,970	490,421	129,858	563,940	2,798,563	11,796,595	12,064,265

(a) Production in Native States is included in this table

CALCUTTA  
SUPERINTENDENT GOVERNMENT PRINTING, INDIA  
8, HASTINGS STREET

## Publications of the Commercial Intelligence Department, India

[Statistical publications obtainable from the Superintendent, Government Printing, India, Calcutta. Remittances should be made by postal or money order and should include forwarding charges, as indicated in brackets opposite each publication.]

### ANNUAL

#### Statistics of British India—

- |  |   |
|--|---|
| Part I—Industrial— <i>₹1 (4a.)</i><br>" II—Commercial— <i>₹1 (4a.)</i><br>" III—Commercial Services— <i>₹1 (4a.)</i><br>" IV(a)—Finance and Revenue— <i>₹1 (4a.)</i><br>" IV(b)—Finance and Revenue— <i>₹1 (4a.)</i> | Part V—Area, Population, and Public Health— <i>₹1 (4a.)</i><br>" VI—Administrative and Judicial— <i>₹1 (4a.)</i><br>" VII—Educational— <i>₹1 (4a.)</i><br>" VIII—Local Funds— <i>₹1 (4a.)</i> |
|--|---|

List of Joint Stock Companies in British India—*₹2 (2a.)*

Prices and Wages in India—*₹2 (9a.)*

#### Agricultural Statistics of India—

- Volume I—British India—*₹2-8 (10a.)*  
 Volume II—Native States—*₹1 (4a.)*

Area and Yield of certain principal crops in India—*4 annas (2a.)*

Note on the Production of Tea in India—*8 annas (2a.)*

Note on the Production of Coffee in India—*4 annas (1a.)*

Note on the Production and Consumption of Coal in India—*8 annas (2a.)*

#### Annual Statement of the Foreign Sea-borne Trade and Navigation of British India—

- Volume I—Abstract and detailed Tables of Imports and Exports—*₹3 (12a.)*  
 Volume II—Abstract and detailed Tables of Trade and Shipping with each country and at each port; and the Tables relating to the Trade of Aden and of the French and Portuguese Possessions in India—*₹3 (12a.)*

Supplement to the Annual Statement of the Foreign Sea-borne Trade and Navigation of British India for 1908-09—

Volume I—*₹3 (8a.)*

Volume II—*₹3 (7a.)*

Annual Statement of the Coasting Trade and Navigation of British India—*₹3 (7a.)*

Accounts relating to the Foreign Sea-borne Trade and Navigation of British India for the Calendar year—*8 annas (2a.)*

Accounts of the Trade carried by Rail and River in India—*₹1-12 (6a.)*

Report on the Rail-borne and River-borne Trade of Bengal—*₹3-8 (5a.)*

Report on the Trade of Bengal with Nepal, Tibet, Sikkim, and Bhutan—*₹1-8 (2a.)*

Review of the Trade of India—*8 annas (2a.)*

Tariff Schedules—*6 annas (1a.)*

### QUARTERLY

Accounts of the Trade carried by Rail and River in India—*8 annas (2a.)*

### MONTHLY

Accounts relating to the Foreign Sea-borne Trade and Navigation of British India—*8 annas (2a.)*

Accounts relating to the Trade by Land of British India with Foreign Countries—*8 annas (2a.)*

Statistics of Cotton Spinning and Weaving in Indian Cotton Mills—*2 annas (1a.)*

### WEEKLY

Indian Trade Journal—Annual subscription—Inland *₹12 (₹1)*, foreign *₹18*; single copy *4 annas*

### MISCELLANEOUS

Notes on Sugar in India, 1911—*₹1-12 (2a.)*

Indian Cotton Seed: Its Industrial Possibilities—*12 annas (2a.)*

Wheat Elevators for India—*12 annas (2a.)*

Variations in Indian Price Levels from 1861 to 1909 expressed in Index numbers—*12 annas (3a.)*

*Agents for the sale of Books published by the Superintendent of Government Printing, India, Calcutta*

### IN ENGLAND

Constable & Co., 10, Orange Street, Leicester Square, W.C.

Bernard Quaritch, 11, Grafton Street, New Bond Street, W.

Deighton, Bell & Co., Cambridge

H. S. King & Co., 65, Cornhill, & 9, Pall Mall, London

P. S. King & Son, 2 & 4, Great Smith Street, Westminster

Grindlay & Co., 54, Parliament Street, London, S.W.

Kegan Paul, Trench, Trübner & Co., 43, Bedford Street, Soho, London, W.

B. H. Blackwell, 50 & 51, Broad Street, Oxford

T. Fisher Unwin, 1, Adelphi Terrace, London, W.C.

W. Thacker & Co., 2, Creed Lane, London, E.C.

Luzac & Co., 46, Great Russell Street, London, W.C.

### ON THE CONTINENT

R. Friedländer & Sohn, Berlin, W.N., Carlstrasse, 11

Otto Harrassowitz, Leipzig

Karl W. Hiersemann, Leipzig

Ernest Leroux, 28, Rue Bonaparte, Paris

Martinus Nijhoff, The Hague, Holland

### IN INDIA

Thacker, Spink & Co., Calcutta and Simla

Newman & Co., Calcutta

S. K. Lahiri & Co., Calcutta

R. Cambay & Co., Calcutta

B. Banerjee & Co., Calcutta

The Calcutta School Book and Useful Literature

Society, 1, Wellington Square, Calcutta

V. Kalyanarama Iyer & Co., Madras

G. A. Natesan & Co., Madras

Higginbotham & Co., Madras

Thompson & Co., Madras

S. Murthy & Co., Madras

Temple & Co., Madras

Cambridge & Co., Madras

P. R. Rama Iyer & Co., Madras

Thacker & Co., Ltd., Bombay

D. B. Taraporevala, Sons & Co., Bombay

A. J. Combridge & Co., Bombay

Radhabai Atmaram Sagoon, Bombay

Sunder Pandurang, Bombay

Gopal Narayan & Co., Bombay

Ram Chander Govind & Son, Bombay

N. B. Mathur, Superintendent, Nazair Kanun Hind Press, Allahabad

Rai Sahib M. Gulab Singh and Sons, Mufid-i-Am Press, Lahore and Calcutta

Superintendent, American Baptist Mission Press, Rangoon

A. M. & J. Ferguson, Ceylon

A. Chand & Co., Punjab

S. C. Talukdar, Proprietor, Students & Co., Cooch Behar