

[SIXTH ISSUE]

STATISTICS OF BRITISH INDIA

(WITH STATISTICS, WHERE AVAILABLE, RELATING TO
CERTAIN NATIVE STATES)

For 1911-12 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

1913

Price One Rupee or One Shilling and Six pence

NOTICE.

In the section relating to "Factories and other large industries" the figures for 1911 refer to the newly constituted provinces of Assam, Bengal, and Bihar and Orissa, although the reconstitution was made with effect from 1st April 1912. On the other hand, the other sections show for all the years figures for the old provinces of Eastern Bengal and Assam, and Bengal as they stood prior to the territorial redistribution of April 1912.

STATISTICS OF BRITISH INDIA

PART I.—INDUSTRIAL

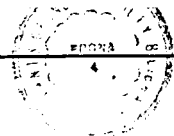
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SUMMARY of the STATISTICS of BRITISH INDIA—PART I—INDUSTRIAL

	1885-86	1890-91	1895-96	1900-01	1905-06	1909-10	1910-11	1911-12
ACTORIES AND OTHER LABOR INDUSTRIES—to December—								
(a) Owned by Government and Local bodies . . . . .	..	..	..	..	114	135	137	136
(b) Owned and worked by companies or individuals—								
(1) Worked by mechanical power . . . . .	..	..	..	..	1,850	2,624	2,852	2,866
(2) Not worked by mechanical power . . . . .	..	..	..	..	718	566	565	435
TOTAL . . . . .	..	..	..	..	2,658	3,325	3,554	3,427
Average daily number of operatives employed in—								
Factories worked by Government and Local bodies . . . . .	..	..	..	..	53,915	68,191	69,149	69,598
.. worked by mechanical power . . . . .	..	..	..	..	677,201	822,099	846,136	827,404
.. not worked by mechanical power . . . . .	..	..	..	..	100,080	93,842	98,956	81,921
TOTAL . . . . .	..	..	..	..	832,136	984,132	1,014,241	978,923
Textiles—								
Worked by mechanical power	{ Number	..	..	..	1,113	1,701	1,904	1,845
	{ Persons	..	..	..	450,497	583,586	603,755	580,509
Not worked by mechanical power	{ Number	..	..	..	341	130	88	74
	{ Persons	..	..	..	39,010	26,450	21,907	13,437
Mineral—								
Worked by mechanical power	{ Number	..	..	..	76	100	111	107
	{ Persons	..	..	..	27,144	35,013	35,599	35,784
Not worked by mechanical power	{ Number	..	..	..	17	18	17	18
	{ Persons	..	..	..	2,616	2,912	2,907	2,767
Transport—								
Worked by mechanical power	{ Number	..	..	..	64	84	89	89
	{ Persons	..	..	..	67,716	86,411	85,300	86,551
Not worked by mechanical power	{ Number	..	..	..	21	7	7	10
	{ Persons	..	..	..	3,926	1,225	1,410	4,598
Food, drink and tobacco—								
Worked by mechanical power	{ Number	..	..	..	231	373	336	349
	{ Persons	..	..	..	27,197	33,832	38,018	40,084
Not worked by mechanical power	{ Number	..	..	..	39	25	28	42
	{ Persons	..	..	..	4,187	3,333	3,818	5,369
Chemicals, dyes, etc.—								
Worked by mechanical power	{ Number	..	..	..	97	112	102	148
	{ Persons	..	..	..	57,712	29,632	24,631	28,045
Not worked by mechanical power	{ Number	..	..	..	209	241	237	110
	{ Persons	..	..	..	34,540	39,442	37,806	22,050
Paper and printing—								
Worked by mechanical power	{ Number	..	..	..	71	77	76	71
	{ Persons	..	..	..	16,838	18,350	18,472	18,299
Not worked by mechanical power	{ Number	..	..	..	17	13	11	11
	{ Persons	..	..	..	1,196	1,068	1,011	1,048
Processes relating to wood, stone and glass—								
Worked by mechanical power	{ Number	..	..	..	136	171	171	184
	{ Persons	..	..	..	19,558	20,340	24,664	23,540
Not worked by mechanical power	{ Number	..	..	..	45	109	121	127
	{ Persons	..	..	..	10,874	15,389	23,891	26,598
Processes connected with skins and hides—								
Worked by mechanical power	{ Number	..	..	..	5	9	11	11
	{ Persons	..	..	..	5,098	4,213	4,628	4,289
Not worked by mechanical power	{ Number	..	..	..	10	15	17	20
	{ Persons	..	..	..	1,245	1,619	1,702	2,011
Miscellaneous—								
Worked by mechanical power	{ Number	..	..	..	23	47	52	52
	{ Persons	..	..	..	5,441	10,592	11,069	10,283
Not worked by mechanical power	{ Number	..	..	..	16	16	29	23
	{ Persons	..	..	..	3,376	2,323	4,504	4,043
Factories under the Act—								
Worked during the year	Number	..	..	..	1,207	1,546	2,204	2,218
Operatives employed . . . . .	..	..	..	..	468,956	632,536	785,910	791,944
Acilities . . . . .	..	..	..	..	2,143	3,252	4,036	4,222
Persons employed . . . . .	..	..	..	..	8	20	58	66

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

	1885-86	1890-01	1895-06	1900-01	1905-06	1909-10	1910-11	1911-12
BREWERIES— to December—								
Breweries Number	19	22	23	26	26	24	24	25
Persons employed . . . . .	..	..	..	..	2,012	1,689	1,582	1,520
Production gals.	3,150,342	5,192,572	6,238,877	4,947,841	5,094,955	4,824,050	4,191,463	4,083,806
COTTON MILLS—								
Mills Number	90	126	150	194	277	245	254	258
Looms	16,548	23,846	37,278	40,542	52,241	80,171	84,627	87,040
Spindles	2,198,545	3,107,740	3,852,611	4,942,280	5,292,834	6,142,551	6,346,675	6,427,181
Persons employed	71,577	111,998	146,552	156,355	212,720	232,381	230,876	236,847
Yarn produced lb	..	..	432,352,120	353,073,087	680,918,581	627,541,562	679,927,141	625,030,199
Woven goods . . . . .	..	..	(a) 82,932,804	98,747,596	163,880,194	228,821,078	247,814,873	266,644,256
Excise duty realised R	..	..	(f) 6,879	12,64,755	27,90,239	41,43,892	44,56,129	50,61,957
JUTE MILLS—								
Mills Number	24	26	28	36	39	60	58	59
Looms	6,833	7,804	10,109	15,340	21,980	31,418	37,169	32,927
Spindles	126,904	162,785	214,079	317,348	453,108	645,862	628,527	677,519
Persons employed	47,640	61,098	78,114	111,272	144,879	204,104	210,390	201,324
PAPER MILLS— to December—								
Mills Number	7	7	8	8	7	9	9	9
Persons employed	1,118	2,085	3,594	4,871	4,012	4,700	4,720	4,632
Production—								
Quantity lb	12,303,327	20,447,079	39,027,687	45,940,591	44,146,157	56,015,700	59,000,907	59,441,002
Value R	17,79,954	32,88,747	60,86,330	62,51,748	51,80,729	79,11,943	81,51,537	80,04,482
WOOLLEN MILLS— to December—								
Mills Number	4	5	5	4	6	5	5	5
Looms . . . . .	..	526	531	594	719	809	808	812
Spindles . . . . .	..	17,150	17,244	22,986	27,387	30,421	31,205	31,205
Persons employed	1,209	2,164	2,929	2,874	3,491	3,392	3,442	3,700
Production—								
Quantity lb	1,002,512	1,519,071	2,288,528	3,406,962	4,126,037	3,054,730	4,101,706	4,781,799
Value R	7,23,230	14,11,883	25,63,693	30,26,748	44,23,887	43,25,200	47,20,304	51,03,640
MINERAL PRODUCTION— to December—								
Salt tons	..	1,052,438	1,163,381	1,054,948	1,291,137	1,254,595	1,552,050	1,325,905
Coal tons	1,294,221	58,70,905	61,58,189	49,80,547	66,20,889	67,58,221	84,75,051	70,39,399
Gold oz.	9,003	2,168,521	3,540,019	6,118,692	8,417,739	11,970,094	12,047,413	12,715,534
Petroleum gals.	4,02,225	73,47,592	1,29,31,303	2,01,46,222	2,12,91,649	4,16,97,985	3,98,33,162	3,76,39,234
Chromite tons	..	107,720	268,158	513,385	630,816	674,816	673,120	683,567
Diamonds carats	..	55,77,120	1,72,32,870	2,83,96,905	3,02,54,572	3,30,72,991	3,30,37,288	3,35,72,151
Graphite tons	..	1,647,298	13,003,748	37,720,211	144,798,444	233,679,987	214,829,647	225,762,094
Iron ore tons	..	3,73,379	2,82,173	15,39,231	22,31,325	90,63,051	1,36,52,531	1,25,38,910
Jadestone (b) tons	..	..	..	..	2,708	9,250	1,737	3,804
Magnesite tons	..	..	..	..	52,230	1,10,050	34,731	76,980
Manganese-Ore tons	..	..	215	169	172	147	77	53
Mica (d) cwts.	..	..	19,506	11,372	37,112	10,329	8,845	7,173
Rubies cwts.	..	..	..	..	2,734	3,132	4,251	4,047
Saltpetre (e) cwts.	..	29,400	46,563	63,484	1,92,529	83,436	64,626	396,180
Tin cwts.	..	1,95,197	2,77,868	1,07,567	2,17,393	2,48,448	1,47,135	6,17,312
Production tons	..	3,842	2,848	4,406	4,531	5,512	6,165	6,028
Persons employed	5,00,050	6,07,200	5,74,969	6,05,661	8,87,060	13,71,019	14,94,015	4,47,225
Value R	..	..	..	..	2,003	737	5,182	3,490
Production tons	..	..	15,816	127,814	(c) 8,262	2,948	20,728	15,705
Persons employed . . . . .	..	..	1,07,636	11,59,563	253,896	642,675	800,907	670,290
Value R	..	..	1,07,636	11,59,563	32,71,545	88,61,053	1,27,41,856	97,32,028
Production cwts.	595	6,384	10,231	33,175	31,564	32,903	22,690	33,836
Persons employed	1,15,167	9,13,025	10,72,213	16,43,310	23,04,413	5,72,355	8,16,413	10,54,296
Value R	..	34,081	89,950	214,078	266,584	258,304	252,019	288,215
Production cwts.	..	3,452	4,75,059	14,63,416	13,25,105	8,79,731	8,82,739	10,13,912
Persons employed	493,363	390,694	421,784	348,633	336,464	332,059	324,024	307,864
Value R	37,06,708	38,00,899	53,59,534	34,13,739	38,53,340	34,63,310	35,35,388	35,40,708
Production cwts.	..	740	440	2,078	1,527	1,672	1,770	1,945
Persons employed . . . . .	..	43,198	23,464	1,28,009	1,48,750	1,44,081	1,14,651	1,40,820
COAL MINES— to December—								
Production tons	1,294,221	2,163,521	3,540,019	6,118,692	8,417,739	11,870,061	12,047,413	12,715,534
Persons employed Number	22,745	32,971	57,019	89,248	89,095	119,546	116,081	116,155

(a) Figures for 1896-97, prior to which they were not obtained. (b) Figures represent exports in each official year.
(c) At Rs 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 1899.

FACTORIES AND OTHER LARGE INDUSTRIES

[TABLES NOS. 1 TO 5, PAGES 4 TO 47]

[Compiled from the provincial annual reports on the working of the Indian Factories Act furnished by Local Governments and Administrations and from special returns of large industries. The term "Factory" means, according to the Indian Factories Act, XI of 1891, 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.]

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 1907 to 1911. 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 1911 there were within the scope of the Act 96 factories belonging to the State and to local bodies, such as municipalities and port trusts. Among these there were 18 printing presses, 17 railway workshops, 10 canal and engineering workshops, and a considerable number of military arsenals and factories. Besides these 96 factories there were 23 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 2,856 as against 2,852 in 1910, the more important of these being :

Cotton gins and presses	1,368
Cotton mills	259
Rice mills	220
Jute presses	115
Saw mills	104
Iron and brass works and foundries	86
Railway workshops	62
Jute mills	60
Flour mills	40

These represent about 81 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; while rice mills and saw mills are naturally mostly in Burma. Cotton gins and presses increased from 1,066 in 1907 to 1,183 in 1908, 1,208 in 1909, and 1,390 in 1910, but in 1911 they fell to 1,368. Of the other factories there are none largely assigned to any particular industry.

There were also 435 factories not worked by mechanical power, including 17 jute presses and 11 printing presses.

The daily average number of persons employed in the factories worked by mechanical power and those not so worked was 978,923 against 984,132 in 1909 and 1,014,241 in 1910, of which the number employed in the factories under the Act was 791,944 as against 785,910 and 792,511 in 1909 and 1910, respectively, viz. :—

Adults	{	males	629,227
	}	females	115,090
Children	{	males	39,450
	}	females	8,177

Of this total 303,983 (being 38 per cent) were employed in factories in Bengal and 237,344 (being 30 per cent) in Bombay, these two provinces employing over two-thirds of all the factory labour of India.

There were 4,222 accidents reported in 1911, 108 of them being attended with fatal results. Of these 38 occurred in Bengal and 20 in Bombay. Bengal, also, has the largest number of serious accidents, namely, 403 against 126 in Bombay, 129 in Burma, 50 in the Central Provinces and Berar, and 97 in the United Provinces. Much the largest number of minor accidents—1,353 out of a total of 3,129—occurred in Bombay, where cotton mills and presses predominate.

There were 66 convictions in respect of offences against the Factories Act in 1911; 21 for the employment of persons in contravention of the Act, 13 for neglect to fence machinery, 3 for neglect of ventilation and cleanliness, 13 for neglect to send notices or returns, and 8 for neglect to keep the prescribed register of children.

FACTORIES AND OTHER LARGE INDUSTRIES

No. 1

CLASSIFIED ABSTRACT of the DIFFERENT INDUSTRIES in INDIA and the LABOUR employed in them in each year from 1907 to 1911

BRITISH INDIA

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

	1907		1908		1909		1910		1911	
	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	12,477	6	13,103	6	10,423	7	13,030	6	10,104
Arseals	11	5,352	10	4,008	10	4,273	9	3,502	9	3,244
Bakery	1	38	1	30	1	30	1	30	..	..
Brickfields	1	150	2	267	..	..	..	..	2	906
Canal foundries and workshops	3	1,154	3	1,172	3	1,274	3	1,186	3	1,305
Carpentry	1	110	1	112	1	132	1	110	1	60
Clothing agencies	5	2,196	4	2,084	4	2,260	4	2,239	4	1,917
Dairy farms	1	150	1	150	2	176	2	263	3	503
Distilleries	2	140	2	174	2	165	2	139	2	141
Dockyards	3	3,516	3	3,041	3	3,710	3	3,256	3	3,644
Engineering workshops	6	948	5	897	8	1,499	8	1,436	9	1,046
Fish-curing yards	4	588	3	442	4	564	2	707	..	..
Forge presses	1	66	1	66	1	66	1	60	1	64
Gas works	1	25	1	25	1	20	1	25	..	..
Gun carriage factories	2	2,639	2	2,213	1	1,559	1	1,510	1	1,256
Iron works and foundries	3	519(a)	2	606	2	538	3	786	1	153
Jute mills	1	350	1	971	1	940	1	729	1	830
Leather works	2	3,083	2	2,690	2	2,132	2	1,439	1	1,386
Mathematical instrument factories	1	414	1	455	1	431	1	310	1	325
Mints	2	1,586	2	1,360	2	1,007	2	1,419	2	1,628
Municipal workshops	5	757	6	855	6	915	6	954	7	1,107
Opium factories	1	274	1	286	1	253	1	222	1	183
Port Trust workshops	1	200	1	250	1	240	1	142	3	1,454
Postal workshops	1	371	1	308	1	319	1	276	2	626
Printing presses	21	11,054	21	11,231	19	9,819	18	9,148	19	8,059
Railway workshops	23	21,677	22	21,771	23	20,896	23	21,596	23	23,349
Sappers and Miners workshops	1	172	1	175	1	190	1	364	1	175
Saw mills	2	138	..	..	..	..	..	..	..	..
Stores Factories (medical stores)	..	..	1	112	2	209	2	216	2	267
Tanneries	..	..	1	52	1	85	1	33	..	..
Telograph works	1	701	1	702	1	690	2	672	2	691
Water works	2	90	6	816	6	600	6	480	5	473
Miscellaneous	..	..	..	..	..	..	2	826	4	693
TOTAL	115	70,935	115	71,914	117	65,505	119	66,417	119	67,089

(a) Represents number of persons employed in 2 Factories

No. 1—continued

CLASSIFIED ABSTRACT of the DIFFERENT INDUSTRIES in INDIA and the LABOUR employed in them in each year from 1907 to 1911—cont. nued

NATIVE STATES (Incomplete)

FACTORIES OWNED BY STATE DURBARS

	1907		1908		1909		1910		1911	
	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
Cotton ginning, cleaning and pressing mills	2	261	2	114	2	125	2	129	1	79
Cotton spinning weaving and other mills	1	1,085	1	956	1	874	1	1,008	1	944
Distilleries . . . . .	..	..	1	85	1	120	1	100	1	100
Engineering workshops	3	399	3	475	3	417	4	509	6	716
Printing presses	3	243	4	333	4	327	4	331	4	354
Silk weaving factories	1	189	1	227	1	235	1	200	..	..
Woolen carpet weaving factories . . . . .	..	..	2	111	2	100	2	111	..	..
Miscellaneous	5	926	5	700	4	488	3	344	4	316
TOTAL	15	3,106	19	3,001	18	2,686	18	2,732	17	2,509

FACTORIES AND OTHER
LARGE INDUSTRIES

(6)

No. 1—concluded

CLASSIFIED ABSTRACT of the DIFFERENT INDUSTRIES in INDIA and the LABOUR employed in them in
each year from 1907 to 1911—concluded

GRAND TOTAL, INDIA (Incomplete)

FACTORIES OWNED BY GOVERNMENT, LOCAL BODIES, AND STATE DURBARS

	1907		1908		1909		1910		1911	
	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	12,477	6	13,103	6	10,423	7	13,030	6	10,104
Arsonals	11	5,352	10	4,908	10	4,273	9	3,502	9	3,244
Bakery	1	38	1	30	1	30	1	30	..	..
Brickfields	1	150	2	267	..	..	..	..	2	906
Canal foundries and workshops . .	3	1,154	3	1,172	3	1,274	3	1,188	3	1,305
Carpentry	1	110	1	112	1	132	1	110	1	60
Clothing agencies	5	2,196	4	2,084	4	2,260	4	2,239	4	1,917
Cotton ginning, cleaning and pressing mills	2	261	2	114	2	125	2	129	1	79
Cotton spinning, weaving and other mills	1	1,085	1	956	1	874	1	1,008	1	944
Dairy farms	1	160	1	150	2	176	2	263	3	503
Distilleries	2	140	3	259	3	285	3	239	3	241
Dock-yards	3	3,516	3	3,641	3	3,710	3	3,256	3	3,644
Engineering workshops	9	1,347	8	1,302	11	1,916	12	1,945	15	2,362
Fish-curing yards	4	588	3	442	4	564	3	707	..	..
Forage presses	1	66	1	66	1	66	1	66	1	64
Gas works	1	25	1	25	1	20	1	25	..	..
Gun carriage factories	2	2,630	2	2,212	1	1,559	1	1,510	1	1,256
Iron works and foundries	3	519	2	606	2	538	3	786	1	153
Jute mills	1	360	1	971	1	940	1	729	1	830
Leather works	2	3,083	2	2,680	2	2,132	2	1,439	1	1,386
Mathematical instrument factories	1	414	1	455	1	431	1	310	1	325
Mints	2	1,586	2	1,360	2	1,007	2	1,419	2	1,628
Municipal workshops	5	757	6	855	6	915	6	954	7	1,107
Opium factories	1	274	1	286	1	253	1	222	1	183
Port Trust workshops	1	200	1	250	1	240	1	142	3	1,454
Postal workshops	1	371	1	308	1	319	.. 1	276	2	620
Printing presses	24	11,297	25	11,564	23	10,146	22	9,479	23	9,313
Railway workshops	23	21,677	22	21,771	23	20,896	23	21,596	23	23,349
Sappers and Miners workshops . .	1	172	1	175	1	190	1	364	1	175
Saw mills	2	138	..	..	..	..	..	..	..	..
Silk weaving factories	1	189	1	227	1	235	1	200	..	..
Stores factories (medical stores) .	..	..	1	112	2	209	2	216	2	267
Tanneries . . . . .	..	..	1	52	1	85	1	33	..	..
Telegraph works	1	701	1	702	1	690	2	672	2	691
Water works	2	90	6	816	6	690	6	486	5	473
Woolen carpet weaving factories	..	..	2	111	2	100	2	111	..	..
Miscellaneous	5	926	5	700	4	488	5	470	8	1,099
TOTAL	130	74,038	134	74,915	135	68,191	137	69,149	136	69,598

No. 2-A

Number of different industries in India in each year
from 1907 to 1911

FACTORIES AND OTHER
LARGE INDUSTRIES

(8)

No. 2-A

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

PROVINCE	I—TEXTILES														II—MINERALS					
	Cotton ginning, cleaning and pressing mills	Cotton spinning weavers and other mills	Cotton spinning and weaving establishments not classed as mills	Tannery mill	Hosiery	Jute mills	Jute presses	Jute thread manufac-tories	Rope works	Silk filatures	Silk mills	Tent factories	Woolen mills	Miscellaneous	TOTALS	Aluminium factories	Colliery workshop	Iron and brass foundries	Lock and cutlery works	Metal works
BRITISH INDIA—	1907	4	..	..	..	..	..	..	..	1	..	..	..	..	5	..	..	6	..	..
	1908	4	..	..	..	..	..	..	..	1	..	..	..	..	6	..	..	9	..	..
	1909	4	..	..	..	..	..	..	..	1	..	..	..	..	6	..	..	10	..	..
	1910	4	..	..	..	..	..	..	..	1	..	..	..	..	8	..	..	11	..	..
	1911	9	..	..	..	..	..	..	..	1	..	..	..	..	11	..	..	10	..	..
Bengal	1907	..	..	..	..	..	100	..	..	14	..	..	..	..	123	..	1	..	..	..
	1908	..	..	..	..	..	98	..	..	11	..	..	..	..	112	..	1	..	..	..
	1909	..	1	..	..	..	111	..	..	..	..	..	..	..	120	..	1	..	..	..
	1910	..	..	..	..	..	98	..	..	..	..	..	..	..	107	..	1	..	..	..
	1911	..	..	..	..	..	98	..	..	..	..	..	..	..	107	..	1	..	..	..
Assam*	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bihar and Orissa	1907	1	14	..	..	48	28	..	..	3	45	1	..	..	140	..	..	27	..	..
	1908	2	12	..	..	53	30	..	..	3	33	1	..	..	118	..	..	29	..	..
	1909	2	13	..	..	56	35	..	..	3	33	1	..	..	135	..	..	29	..	..
	1910	3	14	..	..	54	42	..	..	3	32	1	..	..	142	..	..	34	..	..
	1911	3	14	..	..	57	110	..	..	3	12	..	..	..	100	..	..	30	..	..
United Provinces	1907	120	11	..	..	1	..	..	..	..	..	1	1	..	134	..	..	7	..	..
	1908	127	12	..	..	1	..	..	..	..	..	1	1	..	143	..	..	8	..	..
	1909	132	13	..	..	1	..	..	..	..	..	1	1	..	147	..	..	8	..	..
	1910	136	14	..	..	1	..	..	..	..	..	1	1	..	137	..	..	7	..	..
	1911	133	14	..	..	1	..	..	..	..	..	1	1	..	140	..	..	7	..	..
Ajmer-Merwara	1907	2	1	..	..	..	..	..	..	..	..	..	..	..	3	..	..	1	..	..
	1908	5	2	..	..	..	..	..	..	..	..	..	..	..	7	..	..	..	..	..
	1909	5	2	..	..	..	..	..	..	..	..	..	..	..	7	..	..	..	..	..
	1910	4	2	..	..	..	..	..	..	..	..	..	..	..	6	..	..	..	..	..
	1911	4	2	..	..	..	..	..	..	..	..	..	..	..	8	..	..	..	..	..
Punjab	1907	174	8	..	..	..	..	..	..	..	..	1	1	..	184	..	..	8	..	..
	1908	182	7	..	..	..	..	..	..	..	..	1	1	..	192	..	..	9	..	..
	1909	134	7	..	..	..	..	..	..	..	..	1	1	..	143	..	..	9	..	..
	1910	155(d)	7	..	..	..	..	..	..	..	..	1	1	..	164	..	..	10	..	..
	1911	133(d)	7	..	..	..	..	..	..	..	..	1	1	..	148	..	..	10	..	..
North-West Frontier Province	1907	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..
	1908	2	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..
	1909	2	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..
	1910	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..
	1911	3	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..
Bombay	1907	310	158	1	1	2	..	..	..	..	..	..	..	..	487	..	..	15	1	5
	1908	309	125	..	1	..	..	..	..	..	..	..	..	..	433	..	..	17	1	5
	1909	328	106	..	1	..	..	..	..	..	..	..	..	..	433	..	..	17	1	5
	1910	305	170	..	1	..	..	..	..	..	..	..	..	..	473	..	..	21	1	7
	1911	380	174	..	1	2	..	..	..	..	..	..	..	..	511	..	..	21	1	7
Central Provinces and Berar	1907	328	10	..	..	..	..	..	..	..	..	..	..	..	338	..	..	..	..	..
	1908	374	11	..	..	..	..	..	..	..	..	..	..	..	385	..	..	..	..	..
	1909	407	12	..	..	..	..	..	..	..	..	..	..	..	419	..	..	..	..	..
	1910	403	11	..	..	..	..	..	..	..	..	..	..	..	411	..	..	..	..	..
	1911	433	10	..	..	..	..	..	..	..	..	..	..	..	443	..	..	..	..	..
Madras	1907	28	11	3	..	..	..	..	..	1	..	..	..	..	45	..	..	6	..	..
	1908	45	11	3	..	..	..	..	..	1	..	..	..	..	62	..	..	6	..	..
	1909	57	11	3	..	..	..	..	..	1	..	..	..	..	75	..	..	6	..	..
	1910	48(c)	11	3	..	..	..	..	..	1	..	..	..	..	65	..	..	7	..	..
	1911	64	14	3	..	..	..	..	..	2	..	..	..	..	85	..	..	7	..	..
TOTAL	1907	976	213	4	1	2	51	134	..	5	59	4	2	5	1,450	1	1	70	4	5
	1908	4,081	222	3	1	3	56	123	..	5	44	4	2	4	1,557	1	1	82	5	5
	1909	1,105	223	3	1	3	50	146	3	6	10	4	1	4	3,157	1	1	82	1	5
	1910	1,157	228	3	1	3	59	138	..	7	28	4	2	4	5,109	1	1	90	1	8
	1911	1,709	235	3	1	2	60	115	..	7	12	3	..	4	2,160	1	1	85	1	7

(a) Includes Engineering workshops
 (b) In two of these pressing of fibre is done
 (c) Excludes 14 rice mills in which ginning of cotton is also carried on
 (d) Includes one rice mill
 * Includes Eastern Bengal up to 1910 * Includes Bihar and Orissa up to 1910

FACTORIES AND OTHER
LARGE INDUSTRIES

(10)

No. 2-A—continued

NUMBER of DIFFERENT INDUSTRIES in INDIA

FACTORIES OWNED AND WORKED BY

Part I—Worked

PROVINCE	V—CHEMICALS, DYES, ETC.								VI—PAPER AND PRINTING				VII—PROCESSES 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 workshope	Bobbin factory	Carpentry	Cement works	Coach building works	Furniture workshope	Other works	Potteries	
BRITISH INDIA																					
Barma	1907 1908 1909 1910 1911	.. .. 1 1	.. .. 1 ..	1 .. .. ..	.. .. .. ..	4 4 4 4	1 1	6 6 6 6	.. .. .. ..	4 4 4 4	.. .. .. ..	4 4 4 4	.. .. .. ..	.. .. .. ..	.. .. .. ..	.. .. .. ..	.. .. .. ..	.. .. .. ..	.. .. .. ..
Assam*	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	2 1	.. .. .. .. 1	2 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1
Bengal	1907 1908 1909 1910 1911	4 4 4 4 4	2 2 2 2 2	1 2 2 2 2	52 51 51 37 ..	3 3 3 3 3	11 10 10 10 10	74 50 78 57 21	3 3 3 3 3	23 25 (a) 11 5 5	1 1 1 1 1	26 29 16 13 8	.. .. .. .. ..	.. .. .. .. ..	1 2 1 1 1	.. .. .. .. ..	3 4 3 4 4	1 1 1 1 1	.. .. .. .. ..	1 1 1 1 1
Bihar and Orissa	1911	..	..	..	9	31	3	83	..	2	..	2	..	..	..	..	..	..	..	1
United Provinces	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	3 3 3 3 1	1 1 1 1 1	4 4 4 4 1	1 1 1 1 1	8 7 8 7 7	9 9 9 7 8	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	(b) 1 (b) 1 (b) 1 1 1
Ajmer-Merwara	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..
Punjab	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. 1 ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. 1	.. .. .. .. ..	.. .. .. .. ..	10 10 8 7 4	.. .. .. .. ..	10 10 7 7 4	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	.. .. .. .. ..	.. .. .. .. ..
North-West Frontier Province	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..
Bombay	1907 1908 1909 1910 1911	4 4 4 4 3	.. .. .. .. ..	4 5 6 6 6	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	10 11 12 12 11	2 2 2 2 2	14 16 10 16 13	.. .. .. .. ..	16 18 16 18 16	.. 1 .. 1 ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1
Central Provinces and Berar	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. 1	.. .. .. .. 1	.. .. .. .. 1	.. .. .. .. ..	1 1 .. .. ..	.. .. .. .. ..	1 1 .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	1 1 1 1 1	.. .. .. .. ..	2 2 2 2 2
Madras	1907 1908 1909 1910 1911 1	1 1 1 1 1	1 1 1 1 1	16 16 19 21 21	16 16 19 21 21	(c) 2 3 3 3 3
TOTAL	1907 1908 1909 1910 1911	8 8 10 9 8	2 2 2 3 4	6 7 8 7 8	52 51 50 37 40	3 3 3 3 34	23 18 21 22 24	5 5 5 4 3	90 74 90 85 180	6 6 6 5 7	78 81 88 68 60	.. 1	84 88 75 73 67 2 2 1 1 ..	3 4 5 5 4	1 1 1 1 10	7 8 7 7 6	5 5 4 4 6	1 1 1 2 3	4 4 5 5 6

(a) Incomplete
(b) Includes coach building also
(c) Blacksmith weaving, and ratta work are also done in one of the factories and iron works is another
* Includes Eastern Bengal up to 1910
† Includes Bihar and Orissa up to 1910

FACTORIES AND OTHER LARGE INDUSTRIES

in each year from 1907 to 1911—continued

COMPANIES OR INDIVIDUALS—continued

by Mechanical power—continued

STONE AND GLASS			VIII—PROCESSING CONNECTED WITH SKINS AND HIDES			IX—MISCELLANEOUS										GRAND TOTAL	PROVINCE	
Saw mills	Stone works	Tile factories	Leather works	Textiles	TOTAL	Brush works	Engineering workshops	Forgo presses	Gas works	Jewellery workshops	Kerosene tinning and packing works	Match factories	Miscellaneous not enumerated	TOTAL				
85	..	1	..	..	..	..	..	..	..	..	..	..	..	..	278	1907
82	..	1	..	..	..	..	..	..	..	..	..	..	..	..	227	1908
84	..	1	..	..	..	..	..	..	..	..	..	..	..	..	298	1909
88	..	1	..	..	..	..	..	..	..	..	..	..	..	..	289	1910
88	..	1	..	..	..	..	..	..	..	..	..	..	..	..	315	1911
0	..	3	13	..	..	..	..	..	..	..	1	..	..	1	148	1907
7	11	..	..	..	..	..	..	..	1	..	..	135	1908			
0	12	..	..	..	..	..	..	..	1	..	..	183	1909			
11	14	..	..	..	..	..	..	..	..	..	..	133	1910			
10	11	..	..	..	..	..	..	..	..	..	..	17	1911			
1	..	1	11	..	..	..	..	..	1	..	3	..	2	12	344	1907
1	..	1	10	..	..	..	..	..	1	..	4	..	1	12	317	1908
1	..	1	14	..	..	..	..	..	1	..	4	..	1	17	316	1909
1	..	1	11	..	..	..	..	..	1	..	6	..	..	15	329	1910
..	17	333	1911		
1	..	7	9	..	1	..	..	..	..	..	..	..	..	..	118	1911
..	..	3	5	2	..	..	..	..	..	..	..	..	..	3	192	1907
2	..	2	5	5	..	..	..	..	..	..	..	..	..	4	205	1908
..	..	2	5	5	..	..	..	..	..	..	..	..	..	7	232	1909
..	..	5	9	5	..	..	..	..	..	..	..	..	..	4	216	1911
..	8	1907		
..	12	1908		
..	12	1909		
..	11	1910		
..	14	1911		
..	..	1	2	..	..	..	..	..	..	..	..	..	..	2	240	1907
..	1	..	..	..	..	..	..	..	..	..	..	2	249	1908		
..	1	..	..	..	..	..	..	..	..	..	..	4	314	1909		
..	2	..	..	..	..	..	..	..	..	..	..	4	212	1910		
..	191	1911		
..	2	1907		
..	2	1908		
..	3	1909		
..	4	1910		
..	5	1911		
..	2	1907		
..	2	1908		
..	3	1909		
..	4	1910		
..	5	1911		
..	8	569	1907	
..	12	609	1908	
..	13	635	1909	
..	16	683	1910	
..	17	667	1911	
..	2	349	1907	
..	2	399	1908	
..	2	432	1909	
..	2	427	1910	
..	2	457	1911	
1	..	19	25	1	5	161	1907	
1	..	19	23	..	..	..	..	..	1	..	..	..	..	..	100	1908
1	..	15	22	..	..	..	..	..	1	..	..	..	..	..	205	1909
1	..	15	23	..	..	..	..	..	1	..	..	..	..	..	221	1910
1	..	15	26	..	..	..	..	..	1	..	..	..	..	..	230	1911
99	1	29	149	3	4	7	2	..	1	4	1	12	3	10	33	2,291	1907	
103	1	29	150	3	4	7	2	..	1	2	4	1	12	4	13	39	2,415	1908
102	1	25	154	5	3	8	2	3	2	4	1	13	5	16	46	2,450	1909	
99	2	26	154	7	3	10	2	1	1	4	1	15	5	22	51	2,534	1910	
102	7	28	167	7	3	10	2	1	2	4	1	17	5	21	51	2,563	1911	

(d) Included in Iron and Brass foundries
 (e) Exclusive of 42 factories which remained closed

FACTORIES AND OTHER
LARGE INDUSTRIES

(12)

No 2-A--continued

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

PROVINCE	I--TEXTILES														II--MINERAL						
	Cotton spinning, cleansing and pressing mills.	Cotton spinning, weaving and other mills	Cotton spinning establishments not classed as mills	Hemp mill	Woollen	Jute mills	Jute presses	Jute thread manuf-actories	Rope works	Silk filatures	Silk mills	Tent factories	Wooden mills	Miscellaneous	TOTAL	Aluminium factories	Colliery workshop	Iron and brass foundries	Lack and cutlery works	Metal works	
NATIVE STATES AND FOREIGN TERRITORY (incomplete)																					
Rajputana	1907 1908 1909 1910 1911	1 1 1 1 1	..	..	..	..	..	..	..	..	..	..	..	..	1 1 1 1 1	..	..	..	..	..	..
Central India	1907 1908 1909 1910 1911	60 62 78 84 86	1 1 1 1 1	..	..	..	..	..	..	..	..	..	..	..	61 63 80 86 89	..	..	..	..	..	..
Baroda(s)	1907 1908 1909 1910 1911	..	3 3 3 3 3	..	..	..	..	..	..	..	..	..	..	..	3 3 3 3 3	..	..	..	..	..	..
Bombay States	1907 1908 1909 1910 1911	..	3 3 3 3 3	..	..	..	..	..	..	..	..	..	..	..	3 4 4 5 6	..	..	..	..	..	..
Central Provinces States	1907 1908 1909 1910 1911	..	1 1 1 1 1	..	..	..	..	..	..	..	..	..	..	..	1 1 1 1 1	..	..	..	..	..	..
Madras States	1907 1908 1909 1910 1911	..	1 1 1 1 1	..	..	..	..	..	..	..	..	..	..	1 1 1 1 1	4 4 4 5 6	..	..	..	..	..	..
Hyderabad	1907 1908 1909 1910 1911	30 37 33 30 30	3 3 3 3 3	..	..	..	..	..	..	..	..	..	..	..	33 40 35 31 32	..	..	..	..	..	..
Mysore(s)	1907 1908 1909 1910 1911	..	1 1 1 1 3	..	..	..	..	..	..	..	..	..	1 1 1 1 1	3 4 5 6 7	..	..	..	1 1 1 1 1	..	..
Kashmir	1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
French Settlements	1907 1908 1909 1910 1911	..	4 4 4 4 4	..	..	..	..	..	..	..	..	..	..	..	4 4 4 4 4	..	..	..	..	..	..
TOTAL NATIVE STATES &c.	1907 1908 1909 1910 1911	90 102 103 233 202	10 20 21 23 24	..	..	..	..	..	..	..	..	..	1 1 1 1 2	113 126 130 265 235	..	..	..	1 1 1 1 1	..	..
GRAND TOTAL, INDIA (INCOMPLETE)	1907 1908 1909 1910 1911	1,060 1,183 1,268 1,300 1,568	232 242 241 971 256	4 3 3 4 4	1 1 1 1 1	2 3 4 5 3	51 56 59 60 115	134 193 146 158 115	..	7 59 11 8 9	59 44 11 4 30 14	4 4 4 4 3	..	6 5 6 7 6	1,672 1,983 1,701 1,904 1,845	1 1 1 1 1	1 1 1 1 1	70 83 83 90 88	4 5 1 1 1	5 5 5 8 7	

(a) Excepting statistics of cotton mills no other information for the years from 1907 to 1909 is available
(b) Statistics for 1907 are incomplete

FACTORIES AND OTHER
LARGE INDUSTRIES

(14)

No. 2-A—continued

NUMBER of DIFFERENT INDUSTRIES in

FACTORIES OWNED AND WORKED

Part I—Worked

PROVINCE	V—CHEMICALS, DYES, ETC.							VI—PAPER AND PRINTING				VII—PROCESSES RELATING TO WOOD								
	Bone crushing mills	Chemical works	Dye works	Indigo factories	Lao factories	Oil mills	Soap factories	TOTAL	Paper mills	Printing presses	Miscellaneous	TOTAL	Agricultural workshops	Robbin factory	Carpentry	Cement works	Coch building works	Furniture workshops	Glass works	Potteries
NATIVE STATES AND FOREIGN TERRITORY (Incomplete)																				
Rajputana	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Central India	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Baroda	{ 1907 1908 1909 1910 1911	..	..	3	..	..	1	..	..	1	..	..	1	..	..	..	..	..	..	..
Bombay States	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Central Provinces States	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madras States	{ 1907 1908 1909 1910 1911	..	..	..	..	0	..	0	..	..	..	..	..	..	..	..	..	..	..	..
Hyderabad	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mysore	{ 1907 1908 1909 1910 1911	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kashmir	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
French Settlements	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL NATIVE STATES, ETC.	{ 1907 1908 1909 1910 1911	..	..	1	..	0	..	0	1	..	..	1	..	..	..	..	..	..	..	..
GRAND TOTAL INDIA (Incomplete)	{ 1907 1908 1909 1910 1911	8 10 11 14 4	10 12 13 17 4	6 7 10 10 3	52 51 52 57 34	3 3 3 3 36	32 30 33 36 3	109 86 112 102 148	7 7 7 7 8	78 81 60 69 63	.. 1 1	85 80 77 70 71	.. .. .. .. ..	.. .. .. .. ..	3 4 5 5 4	1 1 1 1 1	2 2 7 7 10	5 5 4 4 6	1 1 1 1 3	4 6 6 6 6

FACTORIES AND OTHER
LARGE INDUSTRIES

INDIA in each year from 1907 to 1911—continued
BY COMPANIES OR INDIVIDUALS—continued
by Mechanical power—concluded

STONE AND GLASS				VIII—PROCESSES CONNECTED WITH SKINS AND HIDES			IX—MISCELLANEOUS										PROVINCE
Saw mills	Stone works	Tile factories	TOTAL	Leather works	Tanneries	TOTAL	Breath works	Engineering workshops	Forge presses	Gas works	Jewellery workshops	Presses, stamping and packing works	Match factories	Miscellaneous not enumerated	TOTAL	GRAND TOTAL	
NATIVE STATES AND FOREIGN TERRITORY (Incomplete)																	
..	3	1907
..	3	1908
..	3	1909
..	3	1910
..	9	1911
..	64	1907
..	65	1908
..	83	1909
..	100	1910
..	95	1911
Central India																	
..	3	1907
..	3	1908
..	3	1909
..	65	1910
..	61	1911
Baroda																	
..	3	1907
..	3	1908
..	4	1909
..	4	1910
..	5	1911
Bombay																	
..	1	1907
..	1	1908
..	1	1909
..	1	1910
..	1	1911
Central Provinces States																	
..	28	1907
..	32	1908
..	35	1909
..	37	1910
..	36	1911
Madras States																	
..	33	1907
..	40	1908
..	25	1909
..	31	1910
..	25	1911
Hyderabad																	
..	4	1907
..	7	1908
..	12	1909
..	13	1910
..	16	1911
Mysore																	
..	1907
..	1908
..	2	1909
..	3	1910
..	4	1911
Kashmir																	
..	4	1907
..	4	1908
..	4	1909
..	4	1910
..	4	1911
French Settlements																	
..	4	1907
..	4	1908
..	4	1909
..	4	1910
..	4	1911
..	143	1907
..	161	1908
..	174	1909
..	313	1910
..	293	1911
TOTAL, NATIVE STATES, ETC.																	
10'	1	41	164	3	4	7	..	..	1	4	1	..	3	10	33	2,434	1907
105	1	42	171	3	4	7	..	..	1	4	1	..	3	13	39	2,570	1908
104	1	40	171	5	4	9	..	..	1	4	1	..	3	13	47	2,624	1909
101	2	41	171	7	4	11	..	..	1	4	1	..	3	15	52	2,852	1910
104	2	43	164	7	4	11	..	..	1	4	1	..	3	17	52	2,856	1911
GRAND TOTAL INDIA (Incomplete)																	
..	2,856	1911

FACTORIES AND OTHER
LARGE INDUSTRIES

(16)

No. 2-A—continued

NUMBER of DIFFERENT INDUSTRIES in INDIA

FACTORIES OWNED AND WORKED BY

Part II—Not worked

PROVINCE	Year	I—TEXTILES											II—MIS	
		Cotton gins, clean- ing, and pressing factories	Cotton spinning and weaving establishments not classed as mills	Hemp mills	Tube presses	Rope works	Silk filatures	Silk mills	Tent factories	Woolen carpet weav- ing establishments not classed as mills	Miscellaneous	TOTAL	Colliery Workshop	Ice and brass found- ries
BRITISH INDIA														
Burmā	1907	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..
Ajam*	1907	..	..	..	21	..	..	..	..	..	..	..	..
	1908	..	..	..	23	..	..	..	..	..	..	..	..
	1909	..	..	..	25	..	..	..	..	..	..	..	..
	1910	..	..	..	28	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..
Bengal†	1907	..	3	..	2	..	..	..	..	..	..	..	..
	1908	..	3	..	1	..	..	..	..	..	..	..	..
	1909	..	4	..	1	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	3	..	17	1	..	..	..	..	..	1	..
Bihar and Orissa	1911	..	..	..	..	..	..	..	..	..	..	..	1
United Provinces	1907	..	2	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..
Ajmer-Merwara	1907	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	1	..	..	..	..	..	..	..	..	..	..
Punjab	1907	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	1	..	..	..	..	..	..	..	..	..
Bombay	1907	20	1	..	..	..	..	..	..	..	..	..	..
	1908	10	..	..	..	..	..	..	..	..	..	..	..
	1909	..	1	..	..	..	..	..	..	..	..	..	..
	1910	..	2	..	..	..	..	..	..	..	..	..	..
	1911	..	2	..	..	..	..	..	..	..	..	..	..
Central Provinces and Berar	1907	73	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..
Madras	1907	2	5	..	..	1	..	..	..	..	..	..	..
	1908	7	6	..	..	..	..	..	..	..	..	..	..
	1909	4	5	..	..	..	..	..	..	..	..	..	..
	1910	..	10	..	..	..	..	..	..	..	..	..	..
	1911	1	9	..	..	..	..	..	..	..	..	..	..
Bangalore (Civil and Military Station)	1907	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..
British Baluchistan	1907	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	1907	97	9	..	23	1	14	2	..	13	6	165	..	
	1908	20	10	..	24	1	19	1	..	9	104	..	3	
	1909	7	10	..	20	1	50	1	1	14	7	110	1	
	1910	6	16	..	26	4	19	2	1	10	7	93	1	
	1911	2	11	..	17	3	17	1	1	6	8	60	..	

* Includes Eastern Bengal up to 1910

† Includes Bihar and Orissa up to 1910

FACTORIES AND OTHER
LARGE INDUSTRIES

in each year from 1907 to 1911—continued
COMPANIES OR INDIVIDUALS—continued
by Mechanical power

RAILS										III—TRANSPORT				IV—FOOD, DRINK, AND TOBACCO					PROVINCE
Lock and culley works	Metal works	Mica splitting factories	Saltpetre refineries	Miscellaneous	TOTAL	Dockyards	Railway workshops and other factories	Tramway works	TOTAL	Breweries	Office works	Dairy farms	Fish curing yards	Flour mills					
															BRITISH ISLES				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Burma				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Assam				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Bengal				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Bihar and Orissa				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															United Provinces				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Ajmer-Merwara				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Punjab				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Bombay				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Central Provinces and Bear				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Madras				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															Bangalore (Civil and Military Station)				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															British Baluchistan				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				
															TOTAL				
..	1907				
..	1908				
..	1909				
..	1910				
..	1911				

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

FACTORIES AND OTHER
LARGE INDUSTRIES

(18)

No. 2-A—continued

NUMBER of DIFFERENT INDUSTRIES in INDIA

FACTORIES OWNED AND WORKED BY

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	Done crushing mills	Dye works	Indigo factories	Lac factories	Oil mills and wells	TOTAL	Paper mills
BRITISH INDIA												
Burma	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	..........	..........	..........	..........	..........	..........	..........
Assam*	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
Bengal†	1907 1908 1909 1910 1911	.. .. .. .. ..	1 1 .. .. ..	.. .. 1 1 ..	3 4 4 3 1	.. .. .. .. ..	.. .. .. .. ..	53 35 27 49 ..	67 29 53 38 ..	.. .. .. 5 ..	121 64 90 92..	..........
Bihar and Orissa	1911	..	..	..	1	..	..	30	31	..	61	..
United Provinces	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. 1 .. 4	.. .. .. .. ..	2 2 2 2 6	.. .. .. .. ..	.. .. .. .. ..	57 41 35 32 ..	42 50 112 7 ..	.. .. .. 1 ..	99 91 147 139 39	..........
Ajmer-Merwara	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
Punjab	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	5 5 5 5 5	..........	..........	..........	..........	..........	..........	..........
Bombay	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	1 1 .. 1 ..	2 2 .. 3 ..	.. .. .. .. ..	1 3 ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. 8..	..........
Central Provinces and Berar	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. 3 6	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. 1 ..	.. .. .. .. ..	.. .. .. 1..	..........
Madras	1907 1908 1909 1910 1911	3 1 1 .. ..	.. .. .. .. ..	.. .. .. .. ..	9 11 10 11 14	.. .. .. .. ..	.. .. .. 4 ..	2 4 4 4 1	.. .. .. .. ..	.. .. .. .. ..	2 4 4 6 1	..........
Bangalore (Civil and Military Station)	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	..........	..........	..........	..........	..........	..........	..........
British Baluchistan	1907 1908 1909 1910 1911	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	1 1 1 1 1	..........	..........	..........	..........	..........	..........	..........
TOTAL	1907 1908 1909 1910 1911	3 1 1 1 ..	1 1 1 .. 4	3 3 4 4 4	.. .. .. 3 8	24 27 25 25 42	.. 1 3	.. 2 .. 4 5	112 60 76 76 63	109 79 165 151 89	1 0 ..	222 162 241 237 110

* Includes Eastern Bengal up to 1910.

† Includes Behar and Orissa up to 1910.

in each year from 1907 to 1911—continued

COMPANIES OR INDIVIDUALS—continued

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
Finishing presses	TOTAL	Carpentry	Coach building works	Furniture workshops	Glass factories	Saw mills	Stone factories	Tile factories	TOTAL	Tanneries	Jewellery workshop	Miscellaneous not enumerated	TOTAL		
..	1	1907
..	4	1908
..	4	1909
..	4	1910
..	1	1911
..	24	1907
..	28	1908
..	29	1909
..	33	1910
..	1911
..	211	1907
..	163	1908
..	237	1909
..	109	1910
..	106	1911
..	83	1911
..	112	1907
..	104	1908
..	172	1909
..	163	1910
..	81	1911
..	1907
..	1908
..	1909
..	1910
..	1911
..	1907
..	1908
..	1909
..	1910
..	1911
..	1907
..	1908
..	1909
..	1910
..	1911
..	1907
..	1908
..	1909
..	1910
..	1911
..	1907
..	1908
..	1909
..	1910
..	1911
10	11	..	..	..	2	1	7	62	72	18	..	..	..	553	1907
9	11	..	..	..	2	1	11	56	70	19	..	..	..	12	1908
9	11	..	..	..	1	..	10	81	95	15	..	..	..	12	1909
8	8	3	1	3	1	..	6	104	118	16	..	..	..	28	1910
9	9	..	..	1	2	..	8	111	12	19	..	..	..	22	1911

FACTORIES AND OTHER
LARGE INDUSTRIES

(20)

No. 2-A—continued

NUMBER of DIFFERENT INDUSTRIES IN INDIA

FACTORIES OWNED AND WORKED BY

Part II—Not worked

PROVINCE	I—TEXTILES										II—MISK		
	Cotton spinning, cleaning and pressing factories	Cotton spinning, weaving and other mills	Hand mills	Auto presses	Rope works	Silk culture	Silk mills	Tank factories	Woolen carpet weav. plants not classed as mills	Miscellaneous	Total	Colliery workshops	Iron and brass foundries
NATIVE STATES AND FOREIGN TERRITORY													
(Incomplete)													
Rajputana	1907 1908 1909 1910 1911	.. .. .. .. 1	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. 1	..........	..........
Central India	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
Barda	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
Madras States	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
Hyderabad	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
Mysore	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
Kashmir	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
TOTAL, NATIVE STATES, ETC.	1907 1908 1909 1910 1911	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........	..........
GRAND TOTAL, INDIA	1907 1908 1909 1910 1911	109 29 15 6 6	0 10 10 17 12	.. .. .. .. ..	23 24 26 28 18	1 1 1 4 4	15 23 60 10 17	2 1 1 2 1	.. .. .. .. ..	14 15 15 12 8	10 10 11 9 9	183 110 130 98 74	..........

FACTORIES AND OTHER
LARGE INDUSTRIES

in each year from 1907 to 1911—continued

COMPANIES OR INDIVIDUALS—continued

by Mechanical power—continued

1911		III—TRANSPORT				IV—FOOD, DRINK, AND TOBACCO						PROVINCE
Lock and works	Cultry	Dockyards	Railway workshops and other factories	Tramway works	TOTAL	Breweries	Ice factories	Dairy farms	Fish curing yards	Flour mills		
..	NATIVE STATES AND FOREIGN TERRITORY	
..		
..	1907 } 1908 } (Incomplete) 1909 } 1910 } 1911 }	
..	1907 } 1908 } 1909 } Central India 1910 } 1911 }	
..	1907 } 1908 } 1909 } Baroda 1910 } 1911 }	
..	1907 } 1908 } 1909 } Madras States 1910 } 1911 }	
..	1907 } 1908 } 1909 } Hyderabad 1910 } 1911 }	
..	1907 } 1908 } 1909 } Mysore 1910 } 1911 }	
..	1907 } 1908 } 1909 } Kashmir 1910 } 1911 }	
..	1907 } 1908 } 1909 } TOTAL NATIVE STATES, ETC. 1910 } 1911 }	
..	1907 } 1908 } 1909 } GRAND TOTAL INDIA 1910 } (Incomplete) 1911 }	

FACTORIES AND OTHER
LARGE INDUSTRIES

(22)

No. 2-A--concluded

NUMBER of DIFFERENT INDUSTRIES in
FACTORIES OWNED AND WORKED

Part II--Not worked

PROVINCE	IV--FOOD, DRINK, AND TOBACCO--contd.					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	TOTAL	Paper mills	
NATIVE STATES AND FOREIGN TERRITORY (Incomplete)													
Bajputana	{ 1907 1908 1910 1911	..	..	..	..	..	..	..	..	..	..	..
Central India	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..
Baroda	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..
Madras States	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..
Hyderabad	{ 1907 1908 1909 1910 1911	..	..	..	.. 1	..	..	..	..	..	..	..
Mysore	{ 1907 1908 1909 1910 1911	..	..	..	.. 1	..	..	..	..	..	..	..
Kashmir	{ 1907 1908 1909 1910 1911	..	..	..	..	..	..	..	..	..	..	..
TOTAL, NATIVE STATES, ETC.	{ 1907 1908 1910 1911	..	..	..	.. 1	..	..	..	..	..	..	..
GRAND TOTAL INDIA (Incomplete)	{ 1907 1908 1909 1910 1911	3 1 1 1	1 1 1 4	3 3 4 4 3 8	24 27 26 28 42	.. 1 .. 8	.. 2 .. 5	112 80 70 76 63	109 79 105 161 39 1	252 162 241 237 110	1 2

FACTORIES AND OTHER LARGE INDUSTRIES

in INDIA in each year from 1907 to 1911

BY COMPANIES OR INDIVIDUALS

by Mechanical power

III—TRANSPORT						IV—FOOD, DRINK, AND TOBACCO													PROVINCE		
Mekansha factories	Miscellaneous	TOTAL	Dockyards	Railway workshops and other factories	Tramway works	TOTAL	Biscuit factories	Breweries	Coffee works	Dairy farms	Distilleries	Flour mills	Ice, mineral and brackish water factories	Rice mills	Sugar factories	Tobacco factories	Miscellaneous	TOTAL			
5,903		7,171	3,557	2,455	67	4,077						13	242	16,118					16,373	BRITISH INDIA—	
6,206	126	8,073	3,899	2,919	97	4,911						832	324	19,121					19,379		1907
9,914	366	12,152	5,509	4,284	145	5,469						20	243	16,792					17,055		1908
7,952	639	10,416	3,115	2,532	187	4,221						70	243	16,702			32		17,047		1909
8,891	70	10,720	3,678	2,804	202	5,072						140	242	18,043			20		18,454		1911
716		803		1,014		1,016														Assam	
649		713		2,060		2,060															1907
739		843		1,905		1,905							19					65	85		1909
805		928		1,487		1,487												90	90		1910
498		589		635		635															1911
		15,166	7,437	23,445	1,036	31,017						677	256		2,397	250		74	3,660	Bengal	
		14,016	5,591	23,769	1,484	31,615						832	353		2,428	775		76	4,264		1907
		13,751	7,214	20,582	1,025	28,981						696	340		2,015	983		81	4,775		1908
		14,710	6,670	20,015	1,209	27,877						509	297		2,294	1,504		60	4,970		1910
		15,419	4,768	13,644	1,371	19,973					158	783	324		80	739	741	67	2,842		1911
		549		10,105		10,105										2,506	1,696		3,902	1911	
		1,901		5,040		5,940	340		105			257	80	85	1,238				2,502	United Pro- vinces	
		2,048		6,223		6,223	200		184			478	80	72	1,105				2,254		1907
		1,594		6,251		6,251	269		33			491	80		1,105				1,973		1908
		974		6,008		6,008	236		90			462	186		1,308				2,339		1910
		825		6,120		6,120	230		251			444	80		1,536				2,541		1911
		60		8,143		8,143														Ajmer-Mer- wara	
		60		8,898		8,898															1907
				8,070		8,070															1908
				8,708		8,708															1910
				8,006		8,006															1911
		413		230		230	30		421			86	1,183	87	222	108			2,139	Punjab	
		636		230		230	30		80			1,103	53	141	96				1,899		1907
		614		230		230	78		302			116	1,029	35	154				1,969		1908
		625		301		301	40		372			100	1,174		57	220			1,982		1910
		740		474		474	40		502			88	933		108	258			1,774		1911
																				North-West Frontier Province	
																					1907
																					1908
																					1909
																					60 1911
		4,836		15,690	421	18,456			87			532			62	257			693	Bombay	
		5,231		17,293	375	19,851			129			572		190	65				857		1907
		6,243		18,728	373	19,177			129			681		(D)	50				850		1908
		5,748		17,586	440	20,793			154			607							971		1910
				465		465			64			85	35						186		1907
				828		828			41			171	30						248	1907	
				673		673			20			52	36						128	1908	
				914		914			40			70	33						144	1910	
				615		615			20			70	33						132	1911	
		1,211		11,107	202	11,724			41	3,379										Madras	
		1,138		10,823	260	10,963			42	3,825		5		1,561	1,721	250	100		7,082		1907
		1,018		10,890	367	11,507			42	4,496		5		1,617	259	259			8,130		1908
		1,444		11,112	307	11,269			42	4,496		5		1,177	1,640	250	202		7,101		1909
		1,151		11,026	307	11,773			39	3,301		5		296	3,561	1,570	276	180	9,239		1910
														148	2,809	1,640	250	277	8,459	1911	
6,019		31,555	11,463	69,698	1,785	83,486	30	664	3,379	198	223	2,607	665	17,906	6,326	793	174	32,580	TOTAL		
6,045	128	32,948	11,786	72,226	1,197	85,260	30	680	3,825	184	310	2,231	1,021	21,278	5,472	1,025	306	37,122		1907	
10,653	366	34,803	11,971	73,722	1,712	84,535	72	671	3,439	38	218	2,042	834	18,716	4,559	1,299	753	43,518		1908	
8,748	618	33,449	10,302	71,244	1,931	83,577	60	804	3,451	40	176	3,111	928	20,329	5,421	2,068	431	36,829		1910	
9,369	472	35,734	9,175	72,905	2,208	84,436	40	754	3,301	251	266	3,044	789	22,010	6,400	2,716	344	38,625		1911	

(A) Represents number of persons employed in one Dock; number of operatives employed in the other is included in Saw mills

(B) Included in Sugar works
(C) Number of persons employed in 2 factories is included in Sugar works
(D) See column gas

FACTORIES AND OTHER
LARGE INDUSTRIES

No. 2-B—continued

NUMBER of PERSONS employed in DIFFERENT INDUSTRIES

FACTORIES OWNED AND WORKED

Part I—Worked by

PROVINCE	V—CHEMICALS, DYES, ETC.							VI—PAPER AND PRINTING				VII—PROCESSES 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 shops	Bobbin factory	Carpentry	Cement works	Coach building works	Furniture workshops	Glass works	Feltworks	
NATIVE STATES AND FOREIGN TERRITORY (In complete)																					
	Rajputana	1907	
		1908	
		1909	
		1910	
1911		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Central India	1907	..	..	..	..	..	..	..	242	..	..	242	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	175	..	..	175	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	146	..	..	146	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	116	..	..	116	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	130	..	..	130	..	..	..	..	..	..	..
Baroda	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	495	..	..	54	..	510	..	..	..	..	..	..	..	..	..	..
	1911	..	..	585	..	..	54	..	639	..	180	..	180	..	..	..	..	..	..
Bombay States	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Central Provinces States	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madras States	1907	..	..	..	..	737	..	737	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	905	..	905	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	930	..	930	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	1,022	..	1,022	100	..	..	100	..	..	..	..	..	..	..
	1911	..	..	..	..	1,160	..	1,160	..	..	..	..	..	..	..	..	..	..	..
Hydrabad	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mysore	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	61	..	..	..	..	61	..	..	..	..	..	..	..	..	..	..
Kashmir	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	132	..	132	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	118	..	118	..	..	..	..	..	..	..
French Settlements	1907	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1911	..	..	..	..	..	..	..	..	120	..	120	..	..	..	..	..	..	..
TOTAL, NATIVE STATES, ETC.	1907	..	..	..	..	737	..	737	242	..	..	242	..	..	..	..	..	..	..
	1908	..	..	..	..	905	..	905	176	..	..	176	..	..	..	..	..	..	..
	1909	..	..	..	..	930	..	930	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	61	..	1,076	..	1,076	216	118	..	334	..	..	..	..	..	..	..
	1911	..	..	585	..	1,214	..	1,799	..	430	..	430	..	..	..	..	..	..	..
GRAND TOTAL, INDIA (Incomplete)	1907	1,209	293	1,188	27,011	609	3,545	890	34,326	5,171	14,734	10,005	604	340	1,496	697	184	2,159	
	1908	1,111	245	1,398	18,925	663	2,724	846	25,362	4,890	16,400	112	21,591	860	848	2,014	712	..	2,312
	1909	1,394	292	1,494	22,512	730	2,837	283	29,822	4,733	15,951	312	18,356	115	51	608	498	1,279	714	50	2,645
	1910	1,202	400	1,851	17,337	733	2,712	387	24,931	4,820	15,452	..	18,472	111	33	800	896	1,107	771	100	1,935
	1911	1,323	670	2,921	16,510	3,816	2,888	317	28,046	4,632	13,967	..	18,299	598	104	1,030	687	309	2,023

FACTORIES AND OTHER LARGE INDUSTRIES

in INDIA in each year from 1907 to 1911—continued

BY COMPANIES OR INDIVIDUALS—continued

Mechanical power—continued

STONE AND GLASS				VIII—PROCESSES CONNECTED WITH SKINS AND HIDES			IX—MISCELLANEOUS												GRAND TOTAL	PROVINCE
Saw mills	Stone works	Tile factories	TOTAL	Leather works	Tanneries	TOTAL	Brush works	Engineering & work-shops	Forge presses	Gas works	Jewellery workshops	Kerosene lighting and packing works	Mach. factories	Miscellaneous enumerated	TOTAL	GRAND TOTAL	PROVINCE			
..	1907	} Rajputana		
..	1908			
..	1909			
..	1910			
..	1911			
..	6,596	} Central India		
..	1908			
..	1909			
..	1910			
..	1911			
..	..	780	780	1,090	} Baroda		
..	1908			
..	1909			
..	1910			
..	1911			
..	1,591	} Bombay States		
..	1908			
..	1909			
..	1910			
..	1911			
..	1,813	} Central Provinces States		
..	1908			
..	1909			
..	1910			
..	1911			
325	..	1,426	2,491	5,602	} Madras States		
270	..	1,740	2,010	..	..	..	..	..	..	..	..	..	..	..	..	..	1908
325	..	1,813	2,108	..	..	..	..	..	..	..	..	..	..	..	..	..	1909
300	..	1,736	2,030	..	..	..	..	..	..	..	..	..	..	..	..	..	1910
300	..	2,062	2,362	..	..	..	..	..	..	..	..	..	..	..	..	..	1911
..	5,868	} Hyderabad		
..	1908			
..	1909			
..	1910			
..	1911			
..	2,134	} Mysore		
..	1908			
..	1909			
..	1910			
..	1911			
..	3,769	} Kachmir		
..	1908			
..	1909			
..	1910			
..	1911			
..	5,004	} French Settlements		
..	1908			
..	1909			
..	1910			
..	1911			
485	..	1,956	2,151	31,154	} TOTAL NATIVE STATES, ETC.		
270	..	2,160	2,430	..	..	..	..	..	..	..	..	..	..	..	..	..	1908
325	..	2,143	2,468	..	..	..	..	..	..	..	..	..	..	..	..	..	1909
300	..	2,010	2,210	..	..	..	..	..	..	..	..	..	..	..	..	..	1910
300	..	2,412	2,712	..	..	..	..	..	..	..	..	..	..	..	..	..	1911
8,580	184	6,176	20,629	5,947	1,815	5,562	213	..	75	1,034	248	4,520	624	1,458	8,181	771,897	} GRAND TOTAL, INDIA (incomplete)			
6,477	184	6,517	20,883	5,259	1,678	5,632	243	..	210	1,800	1,220	234	3,679	618	1,880	8,393		1908		
9,199	128	5,885	20,340	2,594	1,259	4,243	102	..	208	1,032	1,370	223	3,029	781	2,624	10,592		1909		
10,882	200	8,242	24,664	3,298	1,350	4,628	233	..	203	856	2,073	214	3,943	618	3,029	11,069		1910		
10,083	1,812	6,454	23,540	3,246	1,054	4,299	284	..	203	1,684	240	4,574	584	2,834	10,283	827,404		1911		

FACTORIES AND OTHER
LARGE INDUSTRIES

(32)

No. 2-B—continued

NUMBER of PERSONS employed in DIFFERENT INDUSTRIES in

FACTORIES OWNED AND WORKED

Part II—Not worked

PROVINCE	I—TEXTILES										II—Misc							
	Cotton spinning, 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	Woollen seric weavers' establishments not classed as mills	Miscellaneous	TOTAL	Colliery workshops	Iron and brass foundries	Lock and cutlery works	Metal works	Mica splitting factories		
BRITISH INDIA—																		
Burma	1907 193 1908 179 1910 241 1911 ..	..	..	..	..	..	..	..	..	..	193 179 241 ..	..	..	..	..	..
Assam*	1907 .. 1908 .. 1909 .. 1910 .. 1911	1,697 1,549 1,596 1,997	170	566 719 572 ..	2,263 2,268 2,338 1,997	
Bengal	1907 .. 1908 .. 1909 .. 1910 .. 1911 ..	2,420 1,885 2,410 1,445	..	200 50 300	..	4,324 4,346 6,635 4,430	..	..	100	..	6,944 6,281 6,345 6,177 5,240	..	817 708 700 407 500	..	..	50 .. 62 .. 55
Bihar and Orissa	1911 ..	..	..	..	..	..	..	..	..	..	..	..	248	..	..	..
United Provinces	1907 100 1908 .. 1909 .. 1910 .. 1911	160 (a) 279 234 50 188	350 5,078 363	404 529 499	
Ajmer-Merwara	1907 .. 1908 .. 1909 .. 1910 .. 1911 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	76	..	..	..	..	..	..	..	..	..	..	76	..	..	..
Punjab	1907 .. 1908 .. 1909 .. 1910 .. 1911	175 380 240 300 300	1,625 1,784 1,308 770 690	
..	..	50	..	..	..	..	..	..	..	..	1,600 1,304 1,638 1,129 890	..	..	..	..	..
Bombay	1907 1,510 1908 660 1909 .. 1910 .. 1911 ..	300 200 200 491 180	62 100	300 2,238 1,519 250 450 491 290 470	
Central Provinces and Bihar	1907 5,832 1908 .. 1909 .. 1910 .. 1911 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	5,832	..	..	..	..	..
Madras	1907 138 1908 309 1909 220 1910 250 1911 60	824 1,077 1,010 1,208 1,162	158 432 308 303 600	100 100 100 100 100	..	1,200 1,000 1,130 2,130 2,237	2,895 384 268 650 719
Bengalore (Civil and Military Station)	1907 .. 1908 .. 1909 .. 1910 .. 1911 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
British Baluchistan	1907 .. 1908 .. 1909 .. 1910 .. 1911 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	1907 7,659 1908 7,552 1909 395 1910 461 1911 156	3,544 3,102 3,626 3,104 1,342	..	1,897 1,590 1,896 1,997 1,210	168 432 100 425 600	4,324 4,346 6,805 4,430 3,991	232 180 240 400 200	..	60	1,787 1,984 1,777 6,798 978	1,026 1,348 1,056 18,134 729	20,627 14,503 15,993 18,134 429	..	817 706 700 407 500	5,945 368 270 620 650 774	

* Includes Eastern Bengal up to 1910

(a) Work done by contract

† Includes Bihar and Orissa up to 1910

FACTORIES AND OTHER
LARGE INDUSTRIES

INDIA in each year from 1907 to 1911—continued
BY COMPANIES OR INDIVIDUALS—continued
by Mechanical power

INDIA			III—TRANSPORT				IV—FOOD, DRINK, AND TOBACCO					PROVINCE	
Saltpetre reductions.	Miscellaneous	TOTAL	Dockyards	Railway workshops and other factories	Tramway works	TOTAL	Breweries	Coffee works	Dairy farms	Distilleries	Fish curing yards		Flour mills
..	160	..	..	..	..	..	1907 } BRITISH INDIA—
..	111	..	..	..	..	..	1908 }
..	170	..	..	..	..	..	1909 } Burma
..	132	..	..	..	..	..	1910 }
..	153	..	..	..	..	..	1911 }
..	1907 }
..	1908 } Assam
..	590	..	590	..	..	..	..	..	..	1909 }
..	1910 }
..	1911 }
832	..	1,099	154	..	..	154	31	..	90	..	..	..	1907 }
423	..	1,129	167	378	..	515	72	..	86	..	..	..	1908 } Bengal
298	..	1,032	..	..	..	70	63	..	70	..	..	..	1909 }
310	..	1,407	..	70	..	..	62	..	70	..	..	..	1910 }
..	..	211	..	..	..	..	53	..	..	..	..	..	1911 }
300	..	548	..	222	..	222	..	..	..	..	..	80	1911 Bihar and Orissa
300	..	300	..	81	..	81	72	..	..	..	..	..	1907 }
..	..	494	..	81	..	81	68	..	..	..	..	..	1908 } United Provinces
..	..	520	..	81	..	81	82	..	..	..	..	..	1909 }
..	..	489	..	86	..	86	83	..	..	..	..	..	1910 }
..	395	..	395	72	..	..	..	..	..	1911 }
..	1907 }
..	1908 } Ajmer-Merwara
..	1909 }
..	1910 }
..	1911 }
395	..	395	..	..	..	..	348	..	..	..	..	..	1907 }
496	..	496	..	..	..	..	315	..	..	..	..	..	1908 } Punjab
100	..	106	..	..	..	..	324	..	..	..	..	..	1909 }
10	..	70	..	..	227	227	301	..	..	..	..	..	1910 }
..	268	..	..	..	..	..	1911 }
..	470	..	470	..	..	..	..	..	..	90 1907 }
..	216	216	..	340	..	340	..	..	..	..	..	..	91 1908 }
..	88	88	..	80	..	80	..	..	..	..	..	..	1909 } Bombay
..	..	800	..	80	..	80	..	..	..	..	..	..	1910 }
..	3,425	..	3,425	30	..	..	..	..	..	1911 }
..	65	..	65	..	..	..	..	..	..	1907 }
..	69	..	69	..	..	..	..	..	..	1908 } Central Provinces and
..	66	..	66	..	..	..	..	..	..	1909 } Berar
..	65	..	65	..	..	..	..	..	..	1910 }
..	170	..	170	26	..	..	..	..	..	1911 }
..	..	2,695	..	635	..	635	57	..	..	..	550	..	1907 }
..	..	68	..	637	..	537	56	..	..	..	64	..	1908 } Madras
..	..	20	..	335	..	335	68	265	..	..	624	..	1909 }
..	..	650	..	372	..	572	80	74	..	..	433	..	1910 }
..	..	719	..	386	..	386	62	61	..	..	1,304	..	1911 }
..	130	..	..	..	..	..	1907 }
..	80	..	..	..	..	..	1908 } Bangalore (Civil and
..	76	..	..	..	..	..	1909 } Military Station)
..	77	..	..	..	..	..	1910 }
..	79	..	..	..	..	..	1911 }
..	89	..	..	..	..	..	1907 }
..	98	..	..	..	..	..	1908 } British Baluchistan
..	99	..	..	..	..	..	1909 }
..	91	..	..	..	..	..	1910 }
..	92	..	..	..	..	..	1911 }
1,527	..	5,239	154	1,251	..	1,405	888	..	90	..	550	99	1907 }
919	216	2,209	167	1,407	..	1,574	820	267	86	..	684	94	1908 }
388	88	2,722	..	1,152	..	1,152	857	265	70	..	624	..	1909 } TOTAL
330	..	2,647	..	1,183	227	1,410	816	74	70	..	453	..	1910 }
300	..	2,767	..	4,598	..	4,598	825	61	..	..	1,304	768	1911 }

FACTORIES AND OTHER
LARGE INDUSTRIES

(34)

No. 2-B—continued

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	Ram crushing mills	Dye works	Indigo factories	Lac factories	Oil mills	TOTAL	Paper mills
BRITISH INDIA—												
Burma	1907	..	..	..	160	..	..	..	..	..	..	..
	1908	..	..	..	181	..	..	..	..	..	..	..
	1909	..	..	..	170	..	..	..	..	..	..	..
	1910	..	..	..	162	..	..	..	..	..	..	..
Assam*	1907	..	..	..	..	..	..	..	..	..	..	..
1908	..	..	..	..	..	..	..	..	..	..	..	..
1909	..	..	..	..	..	..	..	..	..	..	..	..
1910	..	..	..	..	..	..	..	..	..	..	..	..
1911	..	..	..	..	..	..	..	..	..	..	..	..
Bengal†	1907	..	208	..	829	..	..	20,205	5,033	50	25,888	..
	1908	..	240	..	908	..	..	16,351	2,740	..	30,197	..
	1909	..	..	80	103	..	..	13,606	5,396	..	30,002	..
	1910	..	..	50	182	..	..	13,938	3,715	427	38,080	..
1911	..	..	50	103	..	..	..	..	..	..	..
Bihar and Orissa	1911	..	..	..	80	..	..	10,830	3,107	..	14,027	..
United Provinces	1907	..	..	..	72	..	..	8,352	3,257	..	11,609	..
	1908	..	..	..	68	..	..	6,408	3,983	..	10,291	..
	1909	..	250	..	312	..	..	6,198	13,842	..	20,040	..
	1910	..	..	..	83	..	..	4,054	3,333	410	10,027	..
1911	..	326	..	338	..	..	6,689	1,195	..	6,784	..	
Ajmer-Merwara	1907	..	..	..	..	..	..	..	..	..	..	..
	1908	..	..	..	..	..	..	..	..	..	..	..
	1909	..	..	..	..	..	..	..	..	..	..	..
	1910	..	..	..	..	..	..	..	..	..	..	..
1911	..	..	..	..	..	..	..	..	..	..	..
Punjab	1907	..	..	..	349	..	..	..	..	..	..	..
	1908	..	..	..	316	..	..	..	..	..	..	..
	1909	..	..	..	334	..	..	..	..	..	..	..
	1910	..	..	..	301	..	..	..	..	..	..	..
1911	..	..	..	330	..	..	..	..	..	..	..
Bombay	1907	..	..	75	174	..	..	..	..	..	125	30
	1908	..	..	75	160	125	..	..	..	..	..	60
	1909	..	..	..	..	..	..	..	..	..	..	37
	1910	..	..	..	..	..	..	..	..	..	..	..
1911	..	..	100	218	304	625	..	..	..	1,019	..	
Central Provinces and Berar	1907	..	..	..	..	..	..	..	..	..	100	..
	1908	..	..	..	..	..	..	..	..	..	100	..
	1909	..	..	..	1,317	..	..	..	100	..	100	..
	1910	..	..	..	1,317	..	..	..	100	..	100	..
1911	..	..	..	1,606	1,694	..	..	..	..	..	..
Madras	1907	208	..	1,103	2,668	..	..	120	..	..	120	..
	1908	51	..	1,191	2,245	..	..	440	..	..	440	..
	1909	50	..	1,135	2,127	..	..	400	..	..	400	..
	1910	50	..	907	1,534	..	849	250	..	..	629	..
1911	50	..	805	2,222	..	..	120	..	..	120	..	
Bangalore (Civil and Military Station)	1907	..	..	..	180	..	..	..	..	..	..	..
	1908	..	..	..	80	..	..	..	..	..	..	..
	1909	..	..	..	77	..	..	..	..	..	..	..
	1910	..	..	..	79	..	..	..	..	..	..	..
1911	..	..	..	..	..	..	..	..	..	..	..
British Baluchistan	1907	..	..	..	80	..	..	..	..	..	..	..
	1908	..	..	..	98	..	..	..	..	..	..	..
	1909	..	..	..	99	..	..	..	..	..	..	..
	1910	..	..	..	91	..	..	..	..	..	..	..
1911	..	..	..	92	..	..	..	..	..	..	..
TOTAL	1907	208	208	1,208	..	3,311	..	22,677	8,290	50	37,017	30
	1908	51	240	1,266	..	3,504	125	23,190	6,620	..	30,056	60
	1909	50	250	1,105	..	3,311	..	20,204	10,233	..	39,442	57
	1910	50	..	957	1,317	8,737	..	10,172	17,468	837	37,806	..
	1911	..	826	955	1,730	6,369	394	16,339	4,492	..	22,050	..

FACTORIES AND OTHER
LARGE INDUSTRIES

INDIA in each year from 1907 to 1911—continued

BY COMPANIES OR INDIVIDUALS—continued

by Mechanical power—continued

AND PRINTING		VII—PROCESSES RELATIVE TO WOOD, STONE, AND GLASS								VIII—PROCESSES CONNECTED WITH SKINS AND HIDES			IX—MISCELLANEOUS			GRAND TOTAL	PROVINCE		
Printing presses	TOTAL	Carpentry	Couch building works	Furniture workshops	Glass factories	Saw mills	Stone factories	Tile factories	TOTAL	Leather works	Tanneries	TOTAL	Jewellery workshop	Miscellaneous not enumerated	TOTAL				
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	180	1907		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	324	1908		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	349	1909		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	893	1910		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	153	1911		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,283	1907		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,268	1908		
...	...	...	...	...	...	...	...	...	1,150	1,160	...	...	...	...	...	2,338	1909		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,237	1910		
...		
150	150	...	...	...	...	107	1,165	0,025	10,357	...	...	...	...	...	80	44,981	1907		
134	134	...	...	...	...	314	1,091	8,228	10,641	...	...	...	...	...	320	35,025	1908		
84	84	...	...	...	...	800	1,619	6,351	8,770	...	60	60	...	...	570	40,616	1909		
...	...	...	...	...	...	...	5,882	7,149	15,031	...	...	...	...	...	1,728	40,603	1910		
...	...	...	...	...	...	...	...	13,728	13,728	...	...	...	...	...	125	10,465	1911		
...	...	...	...	...	...	...	6,107	100	5,207	...	50	50	...	...	400	400	20,504	1911	
244	244	...	...	...	120	...	...	...	120	...	...	...	...	...	...	...	12,770	1907	
225	225	...	...	...	120	...	...	...	120	...	...	...	...	...	...	...	11,068	1908	
417	417	...	...	...	254	...	...	...	881	...	110	110	...	...	...	...	23,402	1909	
333	333	...	...	100	557	...	...	...	815	1,472	75	75	...	...	...	...	27,574	1910	
304	304	...	...	...	477	...	...	...	1,470	1,656	...	...	...	...	619	619	11,578	1911	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1907	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1908	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1909	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	76	1911	
192	192	...	...	...	70	...	...	...	751	821	...	...	...	...	...	...	...	3,557	1907
205	205	...	...	...	60	...	...	...	450	610	...	...	...	...	...	...	...	3,400	1908
187	187	...	...	...	...	...	...	...	2,757	2,757	...	...	...	...	...	...	...	5,016	1909
140	140	...	...	...	...	...	...	...	1,790	1,910	...	...	...	...	85	85	...	3,807	1910
...	...	...	...	...	...	...	...	...	998	998	...	...	...	...	...	...	...	2,216	1911
60	60	...	...	...	...	...	...	...	50	50	...	...	...	3,250	3,250	6,272	1907		
105	105	...	...	...	...	...	...	...	200	200	...	...	...	3,200	3,200	5,034	1908		
23	23	...	...	...	...	...	...	...	275	275	...	50	50	960	960	2,023	1909		
70	70	...	...	...	...	...	...	...	3,185	3,233	...	...	...	2,128	2,128	6,032	1910		
484	484	...	...	...	...	...	...	...	1,400	1,400	...	56	56	2,700	2,700	10,572	1911		
...	...	...	...	...	...	...	...	...	2,000	2,000	...	...	...	...	...	...	...	7,897	1907
56	56	...	...	...	...	...	...	...	500	500	...	...	...	...	...	...	...	669	1908
75	75	...	...	...	...	...	...	...	508	581	...	...	...	...	...	...	...	122	1909
...	...	...	...	...	...	...	...	...	230	263	...	...	...	...	...	375	375	2,503	1910
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,257	1911
135	135	...	...	...	...	...	...	...	...	...	1,508	1,508	...	...	165	165	...	6,666	1907
84	84	...	...	...	...	...	...	...	50	50	...	...	...	...	160	160	...	7,383	1908
84	84	...	...	...	...	...	...	...	50	50	...	...	...	...	...	...	...	6,083	1909
90	90	...	...	...	...	...	...	...	50	146	...	...	...	...	60	60	...	7,038	1910
100	100	...	...	...	...	...	...	...	50	50	...	...	...	...	55	55	...	7,469	1911
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	180	1907
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	80	1908
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	76	1909
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	77	1910
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	79	1911
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	89	1907
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	98	1908
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	99	1909
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	81	1910
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	82	1911
781	811	...	...	...	190	107	1,165	11,826	13,848	...	...	1,508	1,508	...	3,475	3,475	86,791	1907	
753	813	...	...	...	180	334	1,991	9,438	11,941	...	2,140	2,140	...	...	3,700	3,700	70,437	1908	
871	928	...	...	...	254	800	3,619	10,014	12,687	...	1,619	1,619	...	...	1,580	1,580	79,504	1909	
713	713	215	60	176	557	...	5,882	14,643	21,534	...	1,632	1,632	...	...	4,372	4,372	91,088	1910	
888	888	...	...	63	477	...	5,107	18,041	23,658	...	1,941	1,941	...	...	3,899	3,899	74,476	1911	

FACTORIES AND OTHER
LARGE INDUSTRIES

(36)

No. 2-B—continued

NUMBER of PERSONS employed in DIFFERENT INDUSTRIES :

FACTORIES OWNED AND WORKED

Part II—Not worked

PROVINCE	I—TEXTILES											II—Misc					
	Cotton spinning, clearing and pressing factories	Cotton spinning, weaving and other mills	Cotton spinning and weaving establishments not classed as mills	Jute mills	Jute presses	Rope works	Silk filatures	Silk mills	Text factories	Woolen carpet weaving establishments not classed as mills	Miscellaneous	TOTAL	Colliery workshops	Iron and brass foundries	Lock and cultry works	Metal works	Mica splitting factories
NATIVE STATES AND FOREIGN TERRITORY (Incomplete)																	
	Rajputana	1007	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1008	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1009	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1010	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1011	104	..	..	..	..	..	..	..	..	..	104	..	..	..	..	..
Central India	1007	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1008	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1009	101	..	..	..	..	..	..	..	..	..	191	..	..	..	..	..
	1010	..	..	..	..	..	..	..	..	..	..	0,443	..	..	..	..	..
	1011	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Baroda	1007	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1008	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1009	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1010	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1011	68	67	..	..	..	..	..	..	..	..	158	..	..	..	..	..
Madras State	1007	..	..	..	..	..	..	..	..	..	..	1,754	..	..	..	..	..
	1008	..	..	..	..	..	..	..	..	..	..	1,754	..	..	..	..	..
	1009	..	..	..	..	..	..	..	..	..	..	1,082	..	..	..	..	..
	1010	..	..	..	..	..	..	..	..	..	..	1,006	..	..	..	..	..
	1011	..	..	..	..	..	215	..	..	..	..	1,950	..	..	..	..	..
Hyderabad	1007	1,284	..	..	..	..	..	..	..	..	..	1,284	..	..	..	..	..
	1008	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1009	272	..	..	..	..	..	..	..	..	..	272	..	..	..	..	..
	1010	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1011	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mysore	1007	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1008	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1009	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1010	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1011	..	..	..	..	..	..	64	..	..	..	64	..	..	..	..	..
Kashmir	1007	..	..	..	..	..	3,880	..	..	787	..	4,774	..	..	..	..	..
	1008	..	..	..	..	..	3,352	..	..	820	..	4,172	..	..	..	..	..
	1009	..	..	..	..	..	..	..	..	1,950	..	2,950	..	..	..	..	..
	1010	..	..	..	..	..	..	..	..	1,800	..	1,800	..	..	..	..	..
	1011	..	..	..	..	..	..	..	..	1,700	..	1,700	..	..	..	..	..
TOTAL NATIVE STATES, ETC	1007	1,284	..	..	..	..	3,880	..	..	787	..	4,774	..	..	..	..	..
	1008	101	..	..	..	..	3,352	..	..	820	..	4,172	..	..	..	..	..
	1009	0,715	..	..	..	..	..	..	..	1,950	..	2,950	..	..	..	..	..
	1010	..	..	..	..	..	..	..	..	1,800	..	1,800	..	..	..	..	..
	1011	172	67	..	..	..	215	64	..	1,700	..	4,161	..	..	..	..	..
GRAND TOTAL, INDIA (Incomplete)	1007	5,048	..	3,511	..	1,807	158	8,204	232	2,574	2,887	25,150	..	817	..	2,045	..
	1008	1,743	..	3,105	..	1,599	332	7,774	340	3,801	3,845	20,181	..	706	..	2,068	..
	1009	7,111	..	3,690	..	1,826	190	6,805	210	3,727	2,818	26,450	700	673	491	..	270
	1010	491	67	3,194	..	1,097	225	4,130	400	8,593	2,335	21,907	590	497	820	..	520
	1011	308	70	1,342	..	1,210	875	4,025	206	60	2,768	2,570	10,437	..	304	689	800	774

FACTORIES AND OTHER
LARGE INDUSTRIES

(38)

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 AND PRINTING				
	Rice mills	Sugar factories	Tobacco factories	Miscellaneous.	TOTAL	Bone crushing mills	Dye works	Indigo factories	Lac factories	Oil mills	TOTAL	Paper mills	Printing presses	TOTAL	
NATIVE STATES AND FOREIGN TERRITORY (Incomplete)															
Rajputana	{ 1007 1008 1009 1010 1011	..	..	..	..	..	..	..	..	..	..	..	..	..
Central India	{ 1007 1008 1009 1010 1011	..	..	..	..	..	..	..	..	..	..	..	240	240
Earoda	{ 1007 1008 1009 1010 1011	..	..	..	..	..	..	..	..	..	..	..	160	160
Madras States	{ 1007 1008 1009 1010 1011	..	..	..	..	..	..	..	..	..	..	..	85 91 140 148 160	85 91 140 148 160
Hyderabad	{ 1007 1008 1009 1010 1011	..	..	..	..	52	..	..	..	..	..	..	..	..
Mysore	{ 1007 1008 1009 1010 1011	..	..	..	..	81	..	..	..	..	..	..	..	..
Kashmir	{ 1007 1008 1009 1010 1011	..	..	..	..	..	..	..	..	..	..	..	98 93	98 93
TOTAL, NATIVE STATES, ETC.	{ 1007 1008 1009 1010 1011	..	..	..	..	52 81	..	..	..	..	..	..	164 414 140 298 160	164 414 140 298 160
GRAND TOTAL, INDIA (Incomplete)	{ 1007 1008 1009 1010 1011	208 51 50 50 ..	208 240 250 .. 336	1,268 .. 1,105 .. 955 1,317 1,730	8,311 8,604 3,363 8,818 6,300	.. 125 304	.. 100 .. 349 .. 625	28,677 23,199 20,204 10,172 16,539	8,200 6,629 .. 17,448 4,402 687 .. 50	37,017 30,056 30,448 27,206 22,050 30	945 1,107 1,011 1,011 1,048	975 1,227 1,068 1,011 1,048

FACTORIES AND OTHER LARGE INDUSTRIES

INDIA in each year from 1907 to 1911 concluded

BY COMPANIES OR INDIVIDUALS—concluded

by Mechanical power—concluded

VII—PROCESSSES RELATING TO WOOD, STONE, AND GLASS								VIII—PROCESSSES CONNECTED WITH SKINS AND HIDES			IX—MISCELLANEOUS			GRAND TOTAL	PROVINCE	
Carpentry	Coch building works	Furniture workshops	Glass factories	Saw mills	Stone factories	Tile factories	TOTAL	Leather works	Tanneries	TOTAL	Jewellery workshop	Miscellaneous enumerated	not enumerated			TOTAL
..	1,216	..	1,216	1,216	1907 } 1908 } 1909 } 1910 } 1911 } Rajputana
..	1,853	..	1,853	..	..	..	..	..	..	..	2,234	
..	2,085	..	2,085	..	..	..	..	..	..	..	2,695	
..	2,207	..	2,207	..	..	..	..	..	..	..	2,350	
..	2,521	..	2,521	..	..	..	..	..	..	..	2,521	
..	1907 } 1908 } 1909 } 1910 } 1911 } Central India
..	
..	
..	
..	
..	1907 } 1908 } 1909 } 1910 } 1911 } Baroda
..	
..	
..	
..	
..	1907 } 1908 } 1909 } 1910 } 1911 } Madras States
..	
..	
..	
..	
..	1907 } 1908 } 1909 } 1910 } 1911 } Hyderabad
..	
..	
..	
..	
..	1907 } 1908 } 1909 } 1910 } 1911 } Mysore
..	
..	
..	
..	
..	1907 } 1908 } 1909 } 1910 } 1911 } Kashmir
..	
..	
..	
..	
..	1907 } 1908 } 1909 } 1910 } 1911 } Total, Native States, etc.
..	
..	
..	
..	
..	1907 } 1908 } 1909 } 1910 } 1911 } GRAND TOTAL, INDIA (Incomplete)
..	
..	
..	
..	
215	60	176	557	..	2,381	11,826	14,564	..	1,508	1,508	..	3,990	3,990	96,814	1907	1908 } 1909 } 1910 } 1911 } GRAND TOTAL, INDIA (Incomplete)
..	334	9,438	18,794	..	2,140	2,140	..	3,850	3,850	79,122	1908	
..	1,253	3,704	10,708	..	1,019	1,019	..	2,373	2,373	63,842	1909	
..	8,089	14,795	..	1,702	1,702	..	4,594	4,594	88,656	1910	
..	7,628	18,450	..	2,011	2,011	..	4,043	4,043	81,921	1911	

FACTORIES

(40)

No. 3

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 1907 to 1911

	TOTAL FOR ALL PROVINCES				
	1907	1908	1909	1910	1911
1. NUMBER OF FACTORIES—					
<i>Inspected during the year—</i>					
Once	240	223	258	207	264
Twice	451	420	374	421	420
Three times	350	307	416	305	364
More than three times	781	837	1,003	1,077	1,007
TOTAL	1,822	1,886	2,051	2,160	2,115
<i>Not inspected during the year</i>	44	95	153	111	133
TOTAL NUMBER OF FACTORIES	1,866	1,981	2,204	2,271	2,248
2. AVERAGE DAILY NUMBER OF OPERATIVES EMPLOYED—					
<i>Adults—</i>					
Males	576,767	606,206	619,015	624,945	629,227
Females	103,764	107,709	114,455	115,540	115,090
TOTAL	680,531	714,005	733,470	740,485	744,317
<i>Children—</i>					
Males	41,977	42,780	43,454	43,273	39,460
Females	7,270	9,359	8,986	8,753	8,177
TOTAL	49,247	52,145	52,440	52,026	47,627
AVERAGE DAILY NUMBER	729,778	766,150	785,910	792,511	791,944
3. NUMBER OF FACTORIES WORKED BY—					
Shifts or sets	382	400	462	440	446
Midday stoppages	1,130	1,183	1,189	1,286	1,302
Shifts and midday stoppages	322	308	366	403	351
Otherwise	32	28	64	42	49
TOTAL NUMBER OF FACTORIES	1,866	1,919	2,081	2,171	2,149
4. NUMBER OF FACTORIES—					
<i>In which a general holiday is ordinarily given—</i>					
On Sundays	1,294	1,348	1,410	1,448	1,491
.. varying week days	437	441	508	555	509
<i>Exempted—</i>					
Under section 5 B (2) (c)	66	70	78	100	75
.. " " " (d) . . . . .	..	..	2	..	1
<i>Worked otherwise, that is, not falling under one of the previous heads</i>	70	65	83	62	73
TOTAL NUMBER OF FACTORIES	1,867	1,924	2,081	2,165	2,149

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 1907 to 1911

	BURMA					ASSAM *				
	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911
NUMBER OF FACTORIES—										
<i>Inspected during the year—</i>										
Once	8	31	31	37	14	46	19	17	34	8
Twice	153	111	104	121	116	41	44	44	33	4
Three times	62	85	95	99	78	12	17	41	31	3
More than three times	19	24	26	23	70	3	16	23	16	2
TOTAL	242	251	256	280	278	103	96	125	114	17
<i>Not inspected during the year</i>										
	1	4	11	..	2	5	5	12	6	1
TOTAL NUMBER OF FACTORIES	(a) 243	(b) 255	267	(d) 280	(g) 280	108	101	137	120	18
AVERAGE DAILY NUMBER OF OPERATIVES EMPLOYED—										
<i>Adults—</i>										
Males	34,869	39,427	42,511	44,251	41,660	16,985	17,545	21,929	22,054	2,362
Females	812	889	894	999	1,484	980	903	1,207	892	429
TOTAL	35,681	40,316	43,405	45,250	43,144	17,965	18,448	23,136	22,946	2,791
<i>Children—</i>										
Males	244	243	533	383	400	513	486	540	456	131
Females	40	28	60	41	240	69	61	69	62	49
TOTAL	284	271	593	374	640	582	547	609	518	180
AVERAGE DAILY NUMBER	35,905	40,687	43,998	45,624	43,784	18,547	18,995	23,745	23,464	2,971
NUMBER OF FACTORIES WORKED BY—										
Shifts or sets	133	138	137	146	156	26	33	31	27	2
Midday stoppages	105	109	123	125	116	57	48	53	55	13
Shifts and midday stoppages	5	8	7	9	8	3	1	7	9	1
Otherwise . . . . .	..	..	..	..	..	22	19	41	25	2
TOTAL NUMBER OF FACTORIES	(a) 243	(b) 255	267	(d) 280	280	108	101	(c) 132	(e) 114	18
NUMBER OF FACTORIES—										
<i>In which a general holiday is ordinarily given—</i>										
On Sundays	224	211	221	225	222	52	38	50	36	18
.. varying week days	13	37	35	39	41	..	..	4	19	..
<i>Exempted—</i>										
Under section 5 B (2) (c)	6	7	11	12	11	4	5	4	7	..
" " " (d) . . . . .	..	..	..	..	..	..	..	..	..	..
<i>Worked otherwise, that is, not falling under one of the previous heads .</i>										
	..	..	..	4	6	52	58	74	46	..
TOTAL NUMBER OF FACTORIES	(a) 248	(b) 255	267	(d) 280	(g) 280	108	101	(c) 132	(f) 108	18

(a) Excludes 18 factories which did not work during the year
 (b) " 24 " " " " " " " " " " " " " " " "
 (c) " 5 " " " " " " " " " " " " " " " "
 (d) " 21 " " " " " " " " " " " " " " " "
 (e) " 6 " " for which information is not available
 (f) " 12 " " " " " " " " " " " " " " " "
 (g) " 27 " " " " " " " " " " " " " " " "
 * Includes Eastern Bengal up to 1910

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 1907 to 1911—continued

	BENGAL*					BIHAR AND ORISSA	UNITED PROVINCES				
	1907	1908	1909	1910	1911		1907	1908	1909	1910	1911
NUMBER OF FACTORIES—											
<i>Inspected during the year—</i>											
Once	8	5	15	9	8	5	8	18	16	20	34
Twice	13	39	16	10	39	2	21	42	22	43	30
Three times	71	73	33	33	66	1	40	20	47	29	13
More than three times	109	100	181	109	198	14	84	63	85	92	82
TOTAL	201	217	245	251	311	22	153	152	170	193	159
<i>Not inspected during the year.</i>	3	7	7	4	9	3	4	5	3	27	10
TOTAL NUMBER OF FACTORIES	(a) 203	224	252	(d) 255	320	(i) 25	157	157	173	220	(h) 169
AVERAGE NUMBER OF OPERATIVES EMPLOYED—											
<i>Adults—</i>											
Males	228,674	236,402	239,094	238,617	240,217	15,211	42,809	42,509	42,655	42,067	41,441
Females	35,261	37,080	40,034	39,217	37,756	1,112	5,621	5,091	5,619	6,326	4,703
TOTAL	263,935	273,482	280,028	275,834	277,973	16,323	48,430	47,600	48,274	48,093	46,204
<i>Children—</i>											
Males	25,511	24,318	25,012	26,081	22,047	250	1,767	2,230	2,203	1,810	1,807
Females	4,159	4,467	4,640	4,908	3,903	61	67	52	50	37	41
TOTAL	29,670	28,785	29,652	31,049	26,010	311	1,834	2,282	2,343	1,866	1,848
AVERAGE DAILY NUMBER	293,605	302,267	309,680	306,883	333,983	16,634	50,264	49,942	50,617	50,849	48,052
NUMBER OF FACTORIES WORKED BY—											
Shifts or sets	93	94	111	113	125	4	25	19	33	53	24
Midday stoppages	97	109	120	122	150	15	102	109	110	127	113
Shifts and midday stoppages	9	12	19	10	11	4	29	29	28	37	31
Otherwise	4	4	8	7	27	1	1	..	2	1	1
TOTAL NUMBER OF FACTORIES.	(a) 203	(b) 210	(c) 249	(e) 252	(g) 313	(j) 24	157	157	(c) 173	(f) 198	(h) 169
NUMBER OF FACTORIES—											
<i>In which a general holiday is ordinarily given—</i>											
On Sundays	167	181	201	210	210	24	122	132	139	134	130
„ varying week days	1	1	3	1	20	..	32	23	30	37	16
<i>Exempted—</i>											
Under section 5 B (2) (c)	32	41	42	32	26	..	3	2	4	27	23
„ „ „ „ (d) . . . . .	..	..	2	..	1	..	..	..	..	..	..
<i>Worked otherwise, that is, not falling under one of the previous heads</i>											
3	1	1	9	56	..	..	..	..	..	..	..
TOTAL NUMBER OF FACTORIES	(a) 203	224	(e) 249	(e) 252	313	(j) 24	157	157	(c) 173	(f) 198	169

(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
 (d) „ 1 factory which remained closed during the year
 (e) „ 4 factories „ „ „ „ „
 (f) „ 22 „ for which information is not available
 (g) „ 7 „ which remained closed during the year
 (h) „ 40 „ for which information is not available
 (i) „ 6 „ for which information is not available
 (j) „ 7 „ „ „ „ „ „

* Includes Bihar and Orissa and excludes Eastern Bengal up to 1910

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 1907 to 1911—continued

	NORTH-WEST FRONTIER PROVINCE					BOMBAY				
	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911
NUMBER OF FACTORIES—										
<i>Inspected during the year—</i>										
Once	1	..	..	..	1	23	28	28	35	70
Twice . . . . .	..	..	..	1	2	52	47	40	63	70
Three times	1	1	..	..	1	54	60	65	60	82
More than three times . . . . .	..	..	..	2	..	354	388	400	387	345
TOTAL	2	1	..	3	4	483	523	533	545	567
<i>Not inspected during the year</i>	..	1	3	2	1	6	15	7	13	18
TOTAL NUMBER OF FACTORIES	2	2	3	5	5	(a) 489	(b) 538	(c) 540	(f) 558	(A) 585
AVERAGE DAILY NUMBER OF OPERATIVES EMPLOYED—										
<i>Adults—</i>										
Males	42	62	87	132	147	161,447	174,826	173,000	176,740	182,105
Females	56	56	66	67	88	42,899	43,548	42,898	43,401	43,917
TOTAL	98	118	153	199	235	204,346	218,374	215,898	220,141	226,112
<i>Children—</i>										
Males . . . . .	..	..	..	..	..	8,023	9,196	8,514	8,220	8,570
Females . . . . .	..	..	..	..	..	2,083	2,622	2,947	3,587	2,662
TOTAL	..	..	..	..	..	10,106	11,818	11,461	10,816	11,232
AVERAGE DAILY NUMBER	2	118	153	199	235	214,452	230,192	227,359	230,957	237,344
NUMBER OF FACTORIES WORKED BY—										
Shifts or sets . . . . .	..	..	..	..	..	37	48	73	47	37
Midday stoppages	2	2	2	4	4	439	447	439	478	510
Shifts and midday stoppages . . . . .	..	..	..	..	..	10	8	5	17	10
Otherwise . . . . .	..	..	..	1	1	3	3	3	3	3
TOTAL NUMBER OF FACTORIES	2	2	3	5	5	(a) 489	(c) 506	(r) 520	(g) 545	(i) 569
NUMBER OF FACTORIES—										
<i>In which a general holiday is ordinarily given—</i>										
On Sundays	2	2	2	4	4	338	353	358	358	371
„ varying week days . . . . .	..	..	1	1	1	148	149	159	184	185
<i>Exempted—</i>										
Under section 5 B (2) (c) . . . . .	..	..	..	..	..	3	3	2	2	2
„ „ „ (d) . . . . .	..	..	..	..	..	..	..	..	..	..
<i>Worked otherwise, that is, not falling under one of the previous heads</i>										
..	..	..	..	..	..	..	1	1	1	2
TOTAL NUMBER OF FACTORIES	2	2	3	5	5	(a) 489	(c) 506	520	(g) 545	(i) 569

(a) Excludes 28 factories which did not work during the year and 2 factories the information for which was not available

(b) „ 10 factories which remained closed during the year and 2 „ „ „ „ „ „

(c) „ 44 „ „ „ „ „ „

(d) „ 15 „ „ „ „ „ „

(e) „ 25 „ „ „ „ „ „

(f) „ 19 „ „ „ „ „ „

(g) „ 32 „ „ „ „ „ „

(h) „ 18 „ „ „ „ „ „

(i) „ 41 „ „ „ „ „ „

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 1907 to 1911—concluded

	CENTRAL PROVINCES and BERAR					MADRAS				
	1907	1908	1909	1910	1911	1907	1908	1909	1910	1911
NUMBER OF FACTORIES—										
<i>Inspected during the year—</i>										
Once	86	62	51	49	54	8	11	15	15	8
Twice	75	68	69	75	61	17	15	20	15	19
Three times	53	65	65	66	74	13	14	25	16	23
More than three times	112	106	154	195	204	75	88	115	142	145
TOTAL	326	302	339	385	393	113	128	175	188	206
<i>Not inspected during the year.</i>	1	21	47	24	36	13	5	5	3	3
TOTAL NUMBER OF FACTORIES	(a) 327	(b) 323	386	409	429	(c) 113	(d) 141	(e) 189	(f) 188	(g) 203
AVERAGE DAILY NUMBER OF OPERATIVES EMPLOYED—										
<i>Adults—</i>										
Males	20,298	23,357	24,358	24,001	25,034	38,963	40,513	40,254	43,317	46,657
Females	10,974	12,495	14,346	13,877	15,103	3,628	4,250	5,239	6,302	6,468
TOTAL	31,272	35,852	38,704	37,878	40,137	42,591	44,763	45,513	49,619	52,526
<i>Children—</i>										
Males	1,459	1,451	1,379	1,302	1,353	3,165	3,698	4,068	3,962	4,011
Females	324	316	281	241	345	425	1,723	733	763	773
TOTAL	1,783	1,767	1,660	1,543	1,701	3,560	5,416	4,801	4,725	4,784
AVERAGE DAILY NUMBER	33,056	37,619	40,364	39,421	41,834	46,151	50,179	50,314	54,344	57,309
NUMBER OF FACTORIES WORKED BY—										
Shifts or sets	39	40	34	36	37	7	7	18	21	52
Midday stoppages	80	83	68	72	81	85	103	108	114	122
Shifts and midday stoppages	208	200	238	245	245	20	15	40	47	17
Otherwise . . . . .	..	..	..	..	..	1	1	7	6	12
TOTAL NUMBER OF FACTORIES	(a) 327	(b) 323	340	(i) 353	(j) 362	(c) 113	(e) 129	(h) 173	(j) 188	(k) 203
NUMBER OF FACTORIES—										
<i>In which a general holiday is ordinarily given—</i>										
On Sundays	167	153	154	181	184	86	113	140	135	174
" varying week days	159	169	185	171	178	10	10	21	45	14
<i>Exempt—</i>										
Under section 5 B (2) (c) . . . . .	..	..	1	1	1	3	3	6	6	6
" " " (d) . . . . .	..	..	..	..	..	..	..	..	..	..
<i>Worked otherwise, that is, not falling under one of the previous heads</i>										
1	1	..	..	..	..	14	3	7	2	9
TOTAL NUMBER OF FACTORIES	(a) 327	(b) 323	(f) 340	(i) 353	(j) 363	(c) 113	(e) 129	(h) 173	(j) 188	(k) 203

(a) Excludes 17 factories which remained closed during the year

(b) " 59 factories " " " " " " " " " " " " " " " "

(c) " 3 factories which did not work during the year and 7 factories which worked only a part of the year

(d) " 38 factories which worked for less than four months during the year and four factories which did not work during the year

(e) " 8 factories which worked for less than four months during the year, 4 factories which did not work during the year, and 12 factories which were brought under the Act by the end of December 1908

(f) Excludes 46 factories which remained closed during the year

(g) " one factory which stopped work

(h) " 8 factories which remained closed or for which information was not available

(i) " 56 " " " " " " " " " " " " " " " "

(j) " 8 " " which did not work during the year, three factories which were removed from the list, one factory regarding which particulars were not furnished and one factory which was registered only in December 1910

(k) Excludes 4 factories which did not work during the year, and one factory of which particulars are not furnished

(l) Excludes 66 factories which remained closed during the year.

FACTORIES

(46)

No. 4

NUMBER of ACCIDENTS in FACTORIES under the FACTORIES ACT, in each calendar year from 1907 to 1911

PROVINCE		Fatal	Serious	Minor	Total
Burma	1907	10	99	75	184
	1908	11	150	139	300
	1909	13	125	224	362
	1910	15	131	189	335
	1911	9	129	247	385
Assam*	1907	1	1	24	26
	1908	..	3	13	16
	1909	2	3	21	26
	1910	2	19	15	36
	1911	3	..	2	5
Bengal†	1907	50	358	561	969
	1908	50	359	543	952
	1909	52	386	560	998
	1910	79	431	758	1,268
	1911	38	403	541	982
Bihar and Orissa	1911	6	65	110	181
United Provinces	1907	10	56	87	153
	1908	13	44	47	104
	1909	6	48	82	136
	1910	5	72	145	222
	1911	7	97	194	298
Ajmer-Merwara	1907	4	4	62	70
	1908	4	19	43	66
	1909	2	28	54	84
	1910	..	20	99	119
	1911	..	20	116	136
Punjab	1907	14	25	212	251
	1908	6	25	254	285
	1909	9	32	250	291
	1910	8	35	309	352
	1911	8	46	204	258
North-West Frontier Province	1907	..	..	..	..
	1908	..	..	..	..
	1909	..	..	..	..
	1910	..	..	1	1
	1911	1	1	1	3
Bombay	1907	21	184	1,420	1,625
	1908	29	190	1,253	1,472
	1909	30	178	1,395	1,603
	1910	27	112	1,489	1,628
	1911	20	126	1,353	1,499
Central Provinces and Berar	1907	3	57	74	134
	1908	5	76	81	162
	1909	4	68	100	172
	1910	1	38	137	176
	1911	12	50	105	167
Madras	1907	7	49	282	338
	1908	10	25	307	342
	1909	5	29	330	364
	1910	2	28	212	242
	1911	4	48	256	308
TOTAL	1907	120	832	2,797	3,750
	1908	128	801	2,680	3,609
	1909	123	897	3,016	4,036
	1910	139	886	3,354	4,379
	1911	108	985	3,120	4,222

* Includes Eastern Bengal up to 1910

† Includes Bihar and Orissa up to 1910

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 1907 to 1911

PROVINCE	SECTION 15 (1), SUB-CLAUSE—										Total	Section 15 (2)—Corrupt use of tickets 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	1907 1908 1909 1910 1911	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5
Assam	1907 1908 1909 1910 1911	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5
Bengal	1907 1908 1909 1910 1911	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5
Bihar and Orissa	1911	1	1	1	1	1	1	1	1	1	1	1	1
United Provinces	1907 1908 1909 1910 1911	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5
Ajmer-Merwara	1907 1908 1909 1910 1911	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5
Punjab	1907 1908 1909 1910 1911	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5
North-West Frontier Province	1907 1908 1909 1910 1911	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5
Bombay	1907 1908 1909 1910 1911	7 10 3 3 6	1 1 4 1 1	1 5 1 2 2	1 1 1 1 1	7 19 15 8 7	1 1 1 2 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	17 27 21 18 25	17 27 21 18 25	17 27 21 18 25
Central Provinces and Berar	1907 1908 1909 1910 1911	3 3 4 4 1	4 2 7 2 2	1 1 11 4 4	2 2 1 3 3	1 7 1 3 3	3 1 1 1 1	1 1 2 1 1	1 1 1 1 1	1 1 1 1 1	12 21 6 29 15	12 21 6 29 15	12 21 6 29 15
Madras	1907 1908 1909 1910 1911	1 1 3 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	1 1 1 1 1	5 5 5 5 5	5 5 5 5 5	5 5 5 5 5
TOTAL	1907 1908 1909 1910 1911	11 14 15 15 14	8 5 11 7 7	1 6 17 8 8	4 4 3 8 8	8 27 18 16 13	5 1 2 7 3	3 2 13 4 13	3 2 13 4 13	3 2 13 4 13	36 60 60 70 66	36 60 60 70 66	36 60 60 70 66

Detail not available

BREWERIES

(TABLE I, PAGE 49)¹

[No statistics relating to Native States are available for this section.]

(Compiled from special official returns)

There are 25 breweries in British India, of these four did not work in 1911. Eighteen are private property and seven are owned by six joint-stock companies with a nominal capital of Rs. 26,71,000, of which Rs. 22,26,260 was paid up at the end of 1911-12. 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, Solon, Rawalpindi, Kasauli, Poona and Mandalay, 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. Since then there has been a steady decrease in the production, while the imports, after declining up to 1909, recovered slightly in 1910, but fell again in 1911.

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

	Brewed in India	Imported
1907	5,610,121	4,805,640
1908	5,185,619	4,384,038
1909	4,824,050	4,286,811
1910	4,191,493	4,254,402
1911	4,083,805	4,180,437

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 result, 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 1911: and
-DETAILED STATEMENT of the PRODUCTION of BEER and the NUMBER OF PERSONS EMPLOYED in
each brewery in 1909, 1910, and 1911*

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		
						1909	1910	1911	1909	1910	1911
1877	15		2,164,048	954,933	BURMA—						
1878	16		1,522,760	869,270	Mandalay (Amarasa-gaung)	281,988	291,870	247,158	170	152	153
1879	15		1,569,026	872,296							
1880	17		1,974,578	1,298,773	BENGAL—						
1881	19		2,448,711	1,704,927	Calcutta	55,598	40,972	39,796	35	40	30
1882	17		2,594,697	1,699,914	Souada	45,414	49,978	62,516	28	22	23
1883	17		2,597,296	2,027,169	TOTAL	101,012	97,880	102,312	63	62	53
1884	18		2,778,080	2,030,499	UNITED PROVINCES OF AGRA AND OUDH—						
1885	19		2,150,342	2,266,801	Mussoorie	250,416	122,742	97,028	48	41	39
1886	19		4,403,698	3,339,361	"	82,026	(a)	(a)	37	—	—
1887	20		5,085,030	4,178,658	Naini Tal	10,155	111,091	86,276	52	59	52
1888	21		5,352,191	4,628,175	Ranikhet	108,972	117,720	143,154	32	32	32
1889	22		5,171,726	3,778,295	Chakrata	83,070	99,474	54,324	36	51	40
1890	22		5,192,572	3,093,621	Lucknow	233,010	233,847	63,696	132	146	139
1901	22		4,745,803	2,228,958	TOTAL	767,649	684,824	446,458	331	222	302
1892	21		4,831,127	2,748,865	PUNJAB—						
1893	22		5,532,725	3,147,683	Kasauli	417,150	326,922	366,768	140	135	156
1894	22		6,121,965	2,267,268	Murree (Ghoragali)	757,732	569,214	577,958	148	141	120
1895	23		6,238,877	3,140,103	Simla	26,622	(a)	(a)	22	—	—
1900	24		6,313,946	3,385,654	"	2,592	3,834	(a)	26	12	—
1907	25		5,427,461	2,589,142	Solan	252,170	266,814	383,130	125	135	121
1908	25		5,894,087	2,854,744	Dalhousie	65,070	38,718	38,340	21	19	21
1899	26		5,568,218	2,346,869	Delhi	(a)	(a)	(a)	—	—	—
1909	26		4,947,841	2,586,384	Rawalpindi	278,100	380,970	341,118	205	190	182
1901	26	1,668	5,554,453	2,758,698	TOTAL	1,809,486	1,580,472	1,667,314	687	632	570
1902	27	1,764	6,474,800	2,794,561	BALUCHISTAN—						
1903	27	1,908	6,007,041	2,811,435	Quetta	276,615	271,809	309,636	99	91	92
1904	27	2,007	6,219,761	2,839,177	BOMBAY—						
1905	26	2,012	5,994,955	2,706,040	Parel (Bombay)			1,872			
1906	25	1,826	5,599,930	2,653,837	Poona (Dapuri, Kharkee)	430,930	272,937	305,752	128	127	124
1907	23	1,817	5,610,121	2,157,590	TOTAL	430,930	272,937	307,824	128	127	154
1908	24	1,638	5,155,619		CENTRAL PROVINCES—						
1909	24	1,639	4,824,650		Jubbulpore	79,506	54,978	22,876	40	31	26
1910	24	1,582	4,191,493		MADRAS—						
1911	25	1,520	4,083,806		Nilgiris: Arananghat	112,193	121,466	115,889	13	14	15
					" Ootacamund	263,945	232,201	221,113	42	38	39
					" Yellanpalli	242,554	236,668	210,296	40	36	37
					TOTAL	618,692	581,295	547,322	95	88	91
					Bangalore (Civil and Military Station)	468,112	359,483	441,106	76	77	79
					TOTAL BRITISH INDIA	4,824,456	4,191,493	4,793,895	1,689	1,582	1,520

* Figures not available

(c) No brewing done

COTTON MILLS

[TABLES 1 TO 7, PAGES 53 TO 73]

(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, 11 of 1896, by the millowners)

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 1908-09 and annual figures for 1909-10, 1910-11, and 1911-12, 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 : (Sterling capital has been converted into rupees at the average rate of exchange of the period)

	Number of mills at work	Nominal Capital (in lakhs of Rs.) as far as reported	Number (in thousands of)		
			Persons employed	Looms	Spindles
1870-80 to 1883-84	93 (106)	657·6 (100)	51 (100)	14·5 (100)	1610·6 (100)
1884-95 to 1888-89	93 (148)	887·9 (135)	75·7 (148)	18·2 (126)	2290·8 (143)
1880-90 to 1893-94	127 (202)	1161·7 (177)	116·1 (228)	25·3 (175)	3263·8 (203)
1894-95 to 1898-99	156 (248)	1419·5 (216)	150·0 (294)	36·6 (253)	4046·1 (251)
1899-1900 to 1903-04	195 (310)	1687·9 (257)	171·6 (336)	42 (290)	5000·9 (310)
1904-05 to 1908-09	218 (340)	1878·7 (286)	216·4 (424)	60 (414)	5540·1 (345)
1909-10	245 (389)	2115 (322)	232·3 (455)	80·1 (571)	6142·5 (381)
1910-11	254 (403)	2236·5 (340)	220·8 (453)	84·6 (600)	6346·7 (394)
1911-12	258 (409·5)	2291 (348·4)	236·8 (464·3)	87·6 (604)	6427·2 (399)

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 1911-12 there were in India 258 cotton mills, containing 87,640 looms and 6,427,181 spindles. Of this number, 103 were exclusively spinning mills; 19 were exclusively weaving mills; and in 136 both spinning and weaving were carried on. They employed a daily average number of 2,68,847 persons: 164,454 men, 39,770 women, 13,731 young persons, and 18,892 children. During the year of report one mill with 300 looms and 15,448 spindles went into liquidation and two mills with 55,584 spindles were destroyed by fire. Four new mills with 312 looms and 56,480 spindles were started in the year.

The nominal capital of the mills, as far as this information has been furnished, is ₹22,91,38,863, including the sterling capital of £636,274; of the rupee capital, ₹18,98,93,673 is paid up and of the sterling capital £572,274 is paid up. There are, further, rupee debentures to the value of ₹2,39,72,091 issued by 41 companies. Fifteen mills also out of the 41 worked by private proprietors have not reported the capital employed by them, and for these about 18 millions of rupees would seem to be a fair estimate. The aggregate of the nominal capital and debentures is thus nearly 271·5 millions of rupees, and of this 216·9 millions of rupees or £14·46 millions is paid up.

The mills are located as follows:

	Number	Nominal Capital (₹)		Number	Nominal Capital (₹)
Bombay, city	85	9,10,64,080	Central Provinces : Nagpur	2	76,87,500
" Ahmedabad	59	2,68,06,325	" " elsewhere	5	51,62,390
" elsewhere	30	2,18,00,750	Bombay : Bndra	1	5,50,000
Bengal, almost all near Calcutta	13	{ 1,28,00,000 } { 4,00,000 }	" Akola	2	14,50,000
Madras, city	4	29,50,500	Ajmer-Morwara	2	13,40,000
" elsewhere	10	75,50,000	Rajputana : Kishangarh	1	5,00,000
United Provinces of Agra and Oudh—			Central India : Indore	2	21,16,202
Cawnpore	4	1,18,00,000	" " Ujjain	1	15,08,000
Agra	4	38,00,000	Baroda	4	22,25,000
Aligarh	3	16,34,000	Bhavnagar	2	5,00,000
Mirzapur	1	10,00,000	Wadhwan	1	5,00,000
Lucknow	1	5,00,000	Kolhapur	1	10,00,000
Mysorabad	1	5,00,000	Nandgaon	1	12,00,000
Punjab—			Hyderabad	3	32,00,000
Delhi	4	25,50,000	Mysore : Bangalore	2	19,40,000
Lahore	2	18,40,000	Travancore : Quilon	1	9,00,000
Amritsar	1	7,00,000	French India : Pondicherry	4	433,274

The Bombay Presidency possesses 68 per cent of the mills, 70 per cent of the spindles, and 77 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 (lbs.):

	Nos. 1 to 25	Above No. 25	Total Production	Total Exports
Average, 1896-97 to 1900-01	423,906,898	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
" 1906-07 to 1910-11	555,373,854	35,552,521	608,926,375	228,318,890
" 1911-12	531,662,851	59,178,816	590,841,667	161,129,123

In the last decade the annual outturn of yarn has exceeded 500,000,000 lbs. in every year. In 1900-01 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 the maximum of 655 million lbs. Since then there has been a shrinkage but it will be noticed that the production exceeded 600,000,000 lbs. in each of the three successive years 1906-07 to 1908-09. Owing to an unprecedented rise in the price of raw cotton there was a decrease of nearly 36½ million lbs. in the production of yarn in 1909-10 and a further decrease of 16½ million lbs. in 1910-11, but in 1911-12 the output again reached the figure of 591 million lbs.

The spinning of yarn is in a large degree centred in Bombay, the mills of that province producing nearly 75 per cent of the quantity produced in British India. The United Provinces of Agra and Oudh and Madras produced about 7 per cent each, while Bengal and the Central Provinces produced 5·5 and 4·7 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 number 25, till 1908-09, but in 1909-10 the production decreased from 58 million to 50 million lbs. In 1910-11 it improved slightly and amounted to 53 million lbs., rising further in 1911-12 to 59 million lbs. which represents about 10 per cent of the whole production. In Bengal, the United Provinces, and the Punjab the mills spin hardly any yarn above No. 25, yarn of that count and lower numbers representing 96, 98, and 99 per cent respectively of the whole production. In Bombay, however, the spinning of the higher counts (above 25) is nearly 12 per cent of the whole, in Madras it is nearly 9·6 per cent, and in the Central Provinces 5 per cent. Using Egyptian and other imported cotton, the Bombay mills are now spinning in appreciable quantity yarns of No. 40 and upwards. In 1909-10 the production in British India of the finer yarns—Nos. 31 to 40—decreased to 15·5 million lbs. from 20 million lbs. in 1908-09, but in 1910-11 it rose to 17·6 million lbs. and further to 19·9 million lbs. in 1911-12.

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	3,571,768	29,095,637	32,667,405
" 1906-07 to 1910-11	2,608,278	31,574,481	34,182,759
" 1911-12	1,549,448	35,452,712	37,002,160

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	25,006,554	134,890,825
" 1906-07 to 1910-11	154,123,927	40,007,309	194,131,234
" 1911-12	192,977,167	59,149,040	252,126,207

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. The annual increase since 1907-08 has ranged between 2 and 16·9 per cent, the total outturn in 1911-12 reaching 252 million lbs.

Weaving is concentrated in the Bombay mills to an even greater degree than spinning, the mills of that province producing about 87 per cent of the whole quantity woven in British India. The United Provinces produce about 3·8 per cent, the Central Provinces nearly 5 per cent, and Madras about 3 per cent. The goods woven are mainly grey (unbleached) goods, these representing nearly 77 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	Average 1906-07 to 1910-11	1911-12
Shirtings and lenceloths	26,775,437	38,611,145	50,079,465	66,447,175
Dhutis	17,430,468	25,448,365	43,960,276	53,439,511
T. cloths, domestics, and sheetings.	17,619,727	10,370,545	24,817,341	27,158,897
Chadars	9,059,381	13,028,457	15,678,079	21,781,929

The proportion of woven goods other than grey goods was highest in Madras, where in 1910-11 it was about 65 per cent. In the Central Provinces the proportion was about 22 per cent and in Bombay 23 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	1651·21	319·55	19·3
„ 1901-02 to 1905-06	1741·6	457·38	26·3
„ 1906-07 to 1910-11	1749·45	676·19	39·2
„ 1911-12	1818·46	837·72	46·3

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	402·83	183·93	39·7
1910-11	591·52	203·3	34·4
1911-12	589·43	241·24	40·9

To the figures given above for mills in British India may be added the production in Berar prior to the 1st October 1903 and in the Native States, which is stated below (in lbs.). The States are Mysore, Indore, Baroda, Nandgaon, Bhavnagar, Hyderabad, Wadhwan, Quilon, Kishengarh, Ujjain (Gwalior) and Kolhapur. The production of one mill in Pondicherry has been reported from April 1909 :

	Nos 1 to 25	Yarn Above No. 25	Total	Grey and bleached	Woven goods Other kinds	Total
Average 1896-97 to 1900-01	8,700,097	321,072	9,022,069	2,576,912	114,098	2,691,010
„ 1901-02 to 1905-06	19,106,940	916,344	20,023,284	5,366,546	319,098	5,685,644
„ 1906-07 to 1910-11	26,399,815	2,091,697	28,491,513	9,168,485	1,054,757	10,223,242
„ 1911-12	31,536,766	2,651,760	34,188,526	11,922,976	3,641,073	15,564,049

COTTON MILLS

No. 1

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

	BRITISH INDIA				
	Number of mills in existence	Capital (as far as known) Rs and £	NUMBER OF		
			Persons em- ployed	Looms	Spindles
1878-79	06	R5,53,07,600 } £80,000 }	(a)	12,649	1,414,128
1879-80	15	R5,17,51,250 } £80,000 }	38,153	12,763	1,433,464
1880-81	55	R5,40,00,250 } £80,000 }	46,530	12,730	1,434,304
1881-82	59	R6,60,71,450 } £80,000 }	50,758	13,842	1,513,578
1882-83	10	R6,42,02,850 } £80,000 }	51,799	14,277	1,600,973
1883-84	71	R8,02,27,750 } £80,000 }	60,115	15,412	1,842,184
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	15,084	2,122,077
1886-87	30	R7,58,09,250 } £330,000 }	69,678	15,854	2,117,394
1887-88	01	R8,24,29,250 } £330,000 }	76,526	17,468	2,261,222
1888-89	18	R8,09,48,665 } £369,999 }	84,703	19,288	2,504,666
1889-90	104	R9,31,80,099 } £369,999 }	90,797	20,156	2,756,182
1890-91	115	R10,06,55,099 } £369,999 }	102,768	21,625	3,022,896
1891-92	117	R10,34,00,699 } £369,999 }	109,552	22,422	3,086,082
1892-93	120	R10,47,27,899 } £369,999 }	112,536	24,034	3,196,873
1893-94	126	R10,75,65,049 } £369,999 }	122,153	27,078	3,356,153
1894-95	131	R11,16,28,240 } £369,999 }	160,221	31,628	3,521,526
1895-96	130	R11,60,54,410 } £369,999 }	136,947	34,083	3,636,704
1896-97	143	R12,65,24,810 } £449,999 }	129,262	34,607	3,789,966
1897-98	162	R13,21,56,810 } £449,999 }	139,289	34,303	4,014,562
1898-99	159	R13,75,86,750 } £468,830 }	147,403	35,009	4,281,620
1899-1900	176	R14,53,44,823 } £469,029 }	155,903	36,521	4,574,840
1900-01	177	R14,62,76,291 } £669,029 }	144,983	37,210	4,670,648
1901-02	179	R15,16,87,084 } £460,000 }	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	R14,66,72,256 } £50,000 }	160,837	41,977	4,960,106
1904-05	187	R15,16,79,301 } £650,000 }	178,680	43,740	4,912,382
1905-06	188	R14,77,51,710 } £850,000 }	194,700	46,550	5,006,916
1906-07	197	R16,29,51,715 } £650,000 }	197,980	55,291	5,230,020
1907-08	207	R17,29,75,506 } £500,000 }	208,422	62,251	5,437,198
1908-09	212	R18,60,68,827 } £200,000 }	220,443	69,791	5,623,542
1909-10	223	R18,78,75,553 } £200,000 }	215,950	74,757	5,780,124
1910-11	230	R19,85,39,784 } £200,000 }	214,149	78,984	5,961,950
1911-12	234	R20,39,85,551 } £200,000 }	221,076	81,899	6,040,760

(a) Not stated

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

No. 1—continued

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

	NATIVE STATES AND FOREIGN TERRITORY				
	Number of mills in existence	Capital (as far as known) R and £	NUMBER OF		
			Persons employed	Looms	Spindles
1878-79	2	R0,00,000	(a)	334	22,336
1870-80	3	R10,00,000	1,384	544	37,366
1880-81	3	R10,00,000	1,425	544	37,366
1881-82	3	R10,00,000	1,473	544	37,366
1882-83	3	R14,40,500	1,825	839	53,130
1883-84	3	R14,40,500	1,721	839	53,100
1884-85	3	R10,00,000	1,860	839	53,100
1885-86	4	R23,60,000	1,842	804	76,468
1886-87	5	R29,85,800	2,912	1,072	85,208
1887-88	7	R42,35,800	3,980	1,372	114,516
1888-89	11	R57,35,800 } £198,217	7,423	2,868	165,356
1889-90	11	R57,35,800 } £198,217	8,427	1,922	178,455
1890-91	11	R57,35,800 } £198,217	9,230	2,220	174,844
1891-92	11	R67,35,800 } £198,217	8,370	2,248	182,442
1892-93	11	R59,85,800 } £198,217	8,302	2,283	182,430
1893-94	12	R57,35,800 } £198,217	8,417	2,314	183,528
1894-95	14	R68,35,800 } £198,217	9,357	2,533	190,143
1895-96	14	R71,85,800 } £198,217	9,605	2,595	215,847
1896-97	14	R72,85,800 } £198,217	10,034	2,636	194,067
1897-98	14	R72,85,800 } £198,217	9,464	2,643	204,499
1898-99	15	R81,20,800	8,729	2,270	181,722
1899-1900	14	R73,41,300	8,293	1,999	193,034
1900-01	17	R1,17,40,800	11,372	3,332	262,642
1901-02	18	R84,53,300 } £200,000	12,282	2,024	248,858
1902-03	19	R1,14,41,300 } £200,000	11,340	3,270	268,476
1903-04	19	R81,97,800 } £417,245	16,307	3,304	267,502
1904-05	19	R80,02,000 } £417,245	17,689	3,505	284,050
1905-06	19	R82,15,000 } £417,245	18,020	3,731	286,918
1906-07	20	R97,75,000 } £436,274	23,731	4,308	316,268
1907-08	20	R1,03,75,000 } £436,274	16,945	4,407	326,512
1908-09	21	R1,03,76,000 } £436,274	16,384	4,801	342,988
1909-10	22	R1,40,01,202 } £436,724	16,431	5,414	362,421
1910-11	24	R1,65,53,702 } £436,274	16,727	5,643	384,725
1911-12	24	R1,66,00,202 } £436,274	15,771	5,741	386,421

(a) Not stated

No. 1—concluded

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

TOTAL, INDIA					
	Number of mills in existence	Capital (as far as known) R and £	NUMBER OF		
			Persons employed	Looms	Spindles
1878-79	58	{ R5,62,67,500 } { £80,000 }	(a)	12,963	1,436,464
1879-80	58	{ R5,33,51,250 } { £80,000 }	39,537	13,307	1,470,830
1880-81	58	{ R5,56,00,250 } { £80,000 }	47,955	13,283	1,471,730
1881-82	62	{ R6,76,71,450 } { £80,000 }	62,231	14,386	1,550,944
1882-83	62	{ R6,56,62,350 } { £80,000 }	53,624	15,116	1,654,103
1883-84	74	{ R8,16,77,250 } { £80,000 }	61,836	16,251	1,895,284
1884-85	81	{ R7,89,17,250 } { £330,000 }	61,596	16,455	2,037,055
1886-86	90	{ R8,15,48,750 } { £330,000 }	71,577	16,548	2,198,545
1886-87	91	{ R7,87,95,050 } { £330,000 }	72,590	16,926	2,202,602
1887-88	93	{ R8,66,65,050 } { £330,000 }	80,515	18,840	2,375,739
1888-89	100	{ R9,26,84,405 } { £568,216 }	92,126	22,156	2,670,022
1889-90	115	{ R9,88,95,800 } { £568,216 }	99,224	22,078	2,934,637
1890-91	126	{ R10,63,70,800 } { £568,216 }	111,993	23,345	3,197,740
1891-92	128	{ R10,91,35,800 } { £568,216 }	117,922	24,670	3,268,524
1892-93	131	{ R11,07,13,300 } { £568,216 }	120,898	26,317	3,378,303
1893-94	138	{ R11,33,96,840 } { £568,216 }	130,570	29,392	3,539,681
1894-95	145	{ R11,84,64,040 } { £568,216 }	139,678	34,161	3,711,069
1895-96	150	{ R12,41,40,210 } { £568,216 }	146,552	37,278	3,852,611
1896-97	157	{ R13,38,19,610 } { £648,216 }	149,296	37,303	3,984,023
1897-98	166	{ R13,94,42,610 } { £648,216 }	148,753	36,946	4,219,060
1898-99	174	{ R14,57,07,530 } { £648,839 }	156,132	37,288	4,463,342
1899-1900	190	{ R15,26,85,823 } { £669,029 }	163,296	38,520	4,737,874
1900-01	194	{ R15,80,17,091 } { £669,029 }	156,355	40,542	4,942,290
1901-02	197	{ R16,01,40,384 } { £650,000 }	174,038	41,815	4,992,249
1902-03	(b) 203	{ R16,57,22,351 } { £630,000 }	178,444	43,676	5,164,360
1903-04	206	{ R15,48,70,650 } { £1,067,245 }	186,144	45,281	5,167,698
1904-05	206	{ R15,97,41,391 } { £1,067,245 }	196,369	47,305	5,196,432
1905-06	207	{ R15,59,66,716 } { £1,067,245 }	212,720	52,281	5,293,834
1906-07	217	{ R17,27,26,715 } { £1,088,274 }	211,711	69,539	5,546,288
1907-08	227	{ R18,36,59,506 } { £936,274 }	225,367	66,718	5,763,710
1908-09	233	{ R19,64,40,827 } { £636,274 }	236,827	74,592	5,966,530
1909-10	245	{ R20,19,63,756 } { £636,274 }	232,381	80,171	6,142,551
1910-11	254	{ R21,41,13,486 } { £676,274 }	250,876	84,627	6,346,675
1911-12	258	{ R21,95,94,753 } { £636,274 }	236,847	87,040	6,427,181

(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 MECHANICAL POWER in INDIA in the year 1911-12

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
BRITISH INDIA—											
Bengal—											
Budge-Budge (a)	..	..	..	..	..	..	..	..	..	..	..
Fort Gloster	1	18,00,000	18,00,000	7,00,000	..	77,770	1,356	76	..	318	1,750
Garden Reach	1	£200,000	£200,000	..	266	85,048	1,640	122	..	238	2,000
Ghoseery	3	(b) £2,00,000	(b) 22,00,000	9,00,000	250	93,145	1,311	453	..	249	2,016
Mohsen	1	18,00,000	17,80,824	..	371	16,415	624	188	..	48	800
Serampore	1	12,00,000	78,400	..	204	..	161	14	..	..	165
Shammagar	4	50,00,000	10,00,000	14,50,000	18	80,260	913	150	..	119	1,191
Fuleswar	1	6,00,000	6,00,000	3,00,000	..	21,728	348	18	..	235	200
Kuabtia	1	2,00,000	1,62,761	..	78	..	84	..	..	6	90
TOTAL	{ 1911-12 1910-11 1909-10	{ R1,28,60,000 £200,000 R1,36,75,000 £200,000 R1,24,75,000 £200,000	{ R85,11,674 £200,000 R63,81,023 £200,000 R2,57,768 £200,000	{ } } 33,50,000 } 33,50,000 } 33,50,000	{ } } 1,897 } 1,575 } 1,174	{ } } 374,366 } 416,591 } 408,085	{ } } 6,427 } 7,168 } 7,478	{ } } 1,031 } 1,231 } 1,344	{ } } .. } 875 } 800	{ } } 1,23 } 882 } 939	{ } } 8,671 } 10,176 } 10,561
UNITED PROVINCES OF AGRA AND OUDH—											
Agra	4	38,00,000	37,66,500	3,00,000	43	66,376	3,009	216	..	213	2,568
Cawnpore	4	1,18,00,000	(c) 81,80,850	..	3,900	300,038	7,874	446	..	431	8,751
Mirzapur	1	10,00,000	4,74,000	..	..	10,440	243	47	..	44	374
Hathras (Aligarh)	3	16,40,000	16,34,000	..	..	43,280	970	57	..	236	1,263
Lucknow	1	5,00,000	1,11,179	..	..	6,192	214	9	..	73	270
Moradabad	1	5,00,000	4,12,935	..	..	10,000	205	12	..	21	228
TOTAL	{ 1911-12 1910-11 1909-10	{ 1,92,34,000 1,47,84,000 1,49,67,000	{ 1,45,22,434 1,37,92,050 1,42,53,350	{ } } 3,00,000 } 3,00,000 } 3,00,000	{ } } 4,303 } 3,780 } 3,752	{ } } 436,376 } 394,528 } 396,965	{ } } 11,515 } 10,307 } 10,859	{ } } 917 } 842 } 901	{ } } .. } 171 } 465	{ } } 998 } 685 } 813	{ } } 13,430 } 12,005 } 13,028
AJMER-MERWARA—											
Bearwar	{ 1911-12 1910-11 1909-10	{ 13,40,000 13,40,000 13,40,000	{ 12,18,700 12,48,530 12,18,500	{ } } .. } ..	{ } } 974 } 918 } 916	{ } } 27,378 } 22,778 } 20,512	{ } } 1,753 } 1,960 } 1,538	{ } } 168 } 273 } 184	{ } } .. } 140	{ } } 178 } 73 } 62	{ } } 1,599 } 2,022 } 1,924
PUNJAB—											
Amritsar	1	7,00,000	7,00,000	..	..	18,142	270	27	..	24	239
Delhi	4	25,50,000	25,00,000	1,000	384	79,292	1,492	178	..	198	1,828
Lahore	2	18,40,000	15,46,750	3,10,000	300	30,474	697	57	..	25	682
TOTAL	{ 1911-12 1910-11 1909-10	{ 70,90,000 59,90,000 59,90,000	{ 47,07,750 47,46,257 47,41,593	{ } } 3,11,000 } 2,99,000	{ } } 684 } 579 } 530	{ } } 127,888 } 120,706 } 125,310	{ } } 2,378 } 2,771 } 2,862	{ } } 215 } 297 } 284	{ } } .. } 41 } 180	{ } } 247 } 374 } 282	{ } } 2,840 } 3,451 } 3,694
BOMBAY—											
Ahmedabad	59	2,68,04,325	2,22,68,155	20,87,616	16,016	925,080	24,424	3,633	2,822	2,504	33,782
Belgaum	2	30,00,000	30,00,000	..	..	69,324	1,000	736	191	..	1,935
Mumbai (City)	85	9,10,74,659	8,52,07,310	1,17,97,000	43,662	2,919,474	74,834	22,333	6,700	4,405	108,272
Broach	5	26,00,000	22,03,175	..	1,039	87,772	1,672	389	292	299	2,003
Dharwar	3	15,00,000	12,89,750	..	514	62,624	1,244	544	..	230	2,008
East Khandesh	2	17,50,000	17,73,815	..	824	35,670	1,353	160	..	171	1,674
Poon	3	10,81,000	9,27,752	..	725	16,956	967	164	..	70	1,261
Sholapur	5	74,00,000	66,78,170	17,00,000	2,309	222,724	5,109	2,310	898	1,111	9,428
Surat	5	22,70,750	18,54,425	25,300	1,143	68,340	1,073	238	105	104	1,520
Viramgini	2	11,00,000	9,36,500	..	794	39,582	426	94	244	124	898
Kaira	2	11,00,000	10,25,000	5,00,000	279	31,560	428	106	..	44	578
TOTAL	{ 1911-12 1910-11 1909-10	{ R13,06,71,175 R13,76,80,155 R13,06,80,405	{ R12,79,91,012 R12,75,23,657 R11,98,47,562	{ } } R1,61,00,016 } R1,23,84,917 } R1,09,50,917	{ } } 67,889 } 60,099 } 62,861	{ } } 4,492,056 } 4,416,471 } 4,286,865	{ } } 112,579 } 108,489 } 104,219	{ } } 20,697 } 30,176 } 30,210	{ } } 11,222 } 9,970 } 12,644	{ } } 9,053 } 8,604 } 8,557	{ } } 163,591 } 167,229 } 155,629

(a) Destroyed by fire on 1st September 1911

(b) Represent capital of 2 mills

(c) Represent capital of 3 mills

No. 2—continued

DETAILED STATEMENT of COTTON MILLS worked by MECHANICAL POWER in INDIA in the year 1911-12—
continued

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	
BRITISH INDIA— contd.												
CENTRAL PROVINCES—												
Burhanpur	1	12,00,000	10,51,500	--	344	18,700	603	149	40	76	868	
Hinganghat	2	31,82,300	31,82,300	--	515	34,124	1,283	344	197	234	2,058	
Jubbulpore	1	8,00,000	6,42,500	--	388	15,208	430	121	--	103	654	
Nagpur	2	76,87,500	55,62,600	--	1,538	91,520	3,195	818	--	700	4,713	
Pulgaon	1	5,00,000	5,00,000	--	225	18,336	467	82	--	15	564	
TOTAL	1911-12	7	1,33,49,896	1,09,18,996	--	3,010	177,888	5,978	1,514	237	1,128	8,857
	1910-11	7	1,33,49,896	1,09,18,996	--	3,001	174,980	6,025	1,649	275	1,087	9,036
	1909-10	7	1,30,29,515	1,05,98,615	--	2,985	174,892	7,039	1,948	209	1,227	10,423
BERAR—												
Badnera	1	5,50,000	5,50,000	3,50,000	368	17,064	514	113	85	117	829	
Akola	2	14,50,000	10,14,500	7,00,000	588	28,908	1,050	270	--	191	1,511	
TOTAL	1911-12	3	20,00,000	15,64,500	10,50,000	956	45,972	1,664	383	85	308	2,340
	1910-11	3	23,00,000	17,82,250	10,50,000	956	44,940	1,418	370	90	262	2,140
	1909-10	3	22,50,000	17,82,250	10,50,000	912	43,805	1,604	587	182	320	2,693
MADRAS—												
Calicut	1	6,00,000	6,00,000	--	--	18,424	350	15	--	10	375	
Coimbatore	3	11,00,000	10,72,605	3,00,000	182	47,824	1,243	434	--	432	2,109	
Anupparapalayam (Coimbatore Taluk)	1	9,00,000	6,39,200	--	--	17,712	286	92	--	17	395	
Madras	4	29,50,500	29,50,500	12,00,000	2,014	126,320	8,637	440	--	2,219	11,296	
Madura	1	20,00,000	8,00,000	--	--	36,344	850	269	--	402	1,521	
Tinnevely	2	15,00,000	13,10,800	--	50	54,400	1,150	498	--	382	2,030	
Tuticorin	1	12,00,000	9,70,200	2,71,175	--	43,120	950	617	--	345	1,812	
Bellary	(a)1	2,50,000	2,50,000	--	--	18,792	--	--	--	--	--	
TOTAL	1911-12	14	1,05,00,500	85,93,395	17,71,175	2,246	362,936	13,466	2,265	--	3,807	19,538
	1910-11	14	1,03,40,733	86,21,363	17,71,175	2,125	362,904	10,038	2,147	2,287	3,636	18,108
	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
TOTAL BRITISH INDIA	1911-12	234	R20,39,85,551 £200,000	R17,71,97,291 £200,000	R2,28,92,091	81,899	6,040,760	155,410	37,190	11,544	16,932	221,076
	1910-11	230	R19,85,59,784 £200,000	R17,62,05,886 £200,000	R2,01,80,191	78,954	5,961,950	147,912	36,935	13,699	15,603	214,149
	1909-10	223	R18,78,72,553 £200,000	R16,81,94,782 £200,000	R1,78,30,691	74,757	5,780,124	145,613	37,383	16,563	16,371	215,950

(a) Closed since November 1909

No. 2—concluded

DETAILED STATEMENT OF COTTON MILLS worked by MECHANICAL POWER in INDIA in the year 1911-12—concluded

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	
NATIVE STATES AND FOREIGN TERRITORY—												
RAJPUTANA—												
Kishenghar	1911-12	1	5,00,000	4,27,500	--	176	12,288	400	115	45	15	675
	1910-11	1	4,27,500	4,27,500	--	170	12,288	486	115	--	6	607
	1909-10	1	5,00,000	4,27,500	--	176	12,288	290	35	62	8	395
CENTRAL INDIA—												
Indore	1911-12	2	21,16,202	21,05,662	--	1,040	50,032	1,723	281	--	240	2,250
	Ujain	1	15,08,000	15,08,000	--	260	14,000	515	120	--	80	715
Total	1911-12	3	36,24,202	36,13,662	--	1,309	64,032	2,238	401	--	326	2,905
	1910-11	3	36,41,202	36,28,712	--	1,229	64,032	2,325	362	--	551	3,238
	1909-10	3	36,41,202	30,22,947	--	1,186	62,162	1,901	359	--	790	3,050
BARODA STATE—												
Baroda	1911-12	4	22,25,000	18,46,500	--	558	49,896	902	198	160	307	1,567
	1910-11	4	22,25,000	18,46,000	--	565	52,020	948	271	237	316	1,771
	1909-10	3	17,25,000	14,96,000	--	565	43,464	951	202	269	211	1,333
BOMBAY STATES—												
Bhavnagar	1911-12	2	5,60,000	5,60,000	--	354	21,000	401	218	338	179	1,136
	Wadhwan	1	5,00,000	2,98,000	80,000	208	14,354	208	60	135	65	468
	Morvi	1	10,00,000	5,09,500	--	36	1,664	--	--	--	--	--
	Kolhapur	1	10,00,000	5,09,500	--	--	11,388	293	108	--	18	419
Total	1911-12	5	20,60,000	13,67,500	80,000	598	48,408	929	368	473	282	2,023
	1910-11	6	20,60,000	13,40,975	1,00,000	571	47,006	806	316	415	294	1,741
	1909-10	4	10,25,000	8,23,000	20,000	596	35,018	624	253	300	287	1,554
CENTRAL PROVINCES STATE—												
Nandgaon	1911-12	1	12,00,000	12,00,000	4,00,000	478	28,704	722	393	--	311	1,426
	1910-11	1	12,00,000	12,00,000	4,00,000	478	28,704	1,062	527	417	--	2,039
	1909-10	1	12,00,000	12,00,000	4,00,000	478	28,704	1,068	510	444	--	2,012
HYDERABAD STATE—												
Aurangabad	1911-12	1	12,00,000	6,36,000	6,00,000	218	17,003	369	124	137	--	630
	Hydrabad	1	8,00,000	7,00,000	--	259	17,520	358	207	118	297	990
	Gulbarga	1	12,00,000	5,81,850	--	343	23,758	650	200	250	160	1,250
Total	1911-12	3	32,00,000	19,17,850	6,00,000	829	58,279	1,377	531	(a)505	447	2,860
	1910-11	3	32,00,000	19,17,850	6,00,000	829	59,007	1,514	551	(a)544	346	2,955
	1909-10	3	32,00,000	19,17,850	6,00,000	777	58,523	1,529	663	(a)540	276	3,017
MYSORE STATE—												
Bangalore	1911-12	2	10,00,000	14,23,370	--	223	31,696	501	251	498	--	1,340
	1910-11	2	10,00,000	14,23,370	--	225	28,448	626	118	439	--	1,183
	1909-10	2	10,00,000	9,88,770	3,55,000	225	28,448	609	159	509	--	1,277
TRAVANCORE STATE—												
Quilon	1911-12	1	9,00,000	9,00,000	--	--	25,560	--	--	--	--	66
	1910-11	1	9,00,000	9,00,000	--	--	25,560	40	10	(a)16	--	381
	1909-10	1	9,00,000	9,00,000	--	--	25,560	130	95	(a)166	--	381
FRENCH SETTLEMENTS—												
Pondicherry	1911-12	4	£436,274	£372,274	--	1,579	67,669	(b)1,012	(b)305	(b)500	(b)202	(b)3,015
	1910-11	4	£436,274	£363,521	£99,000	1,579	67,669	(b)1,880	(b)410	(b)456	(b)394	(b)3,130
	1909-10	4	£436,274	£363,521	£99,000	1,411	67,669	(b)1,831	(b)402	(b)879	--	(b)3,112
OTHER NATIVE STATES AND FOREIGN TERRITORY												
Total	1911-12	24	{ R1,50,00,302 £436,274	{ R1,20,06,382 £372,274	{ R10,80,000 } R11,00,000	5,741	385,421	9,044	2,580	2,187	1,960	16,771
	1910-11	24	{ R1,55,53,702 £436,274	{ R1,20,84,407 £363,521	{ R11,00,000 } R13,75,000	5,643	384,725	9,717	2,680	2,524	1,806	16,727
	1909-10	22	{ R1,49,04,202 £436,274	{ R1,13,76,957 £363,521	{ R13,75,000 } R12,05,000	5,414	362,427	8,923	2,678	3,258	1,572	16,431
GRAND TOTAL	1911-12	268	{ R21,95,04,753 £203,274	{ R18,98,93,673 £572,274	{ R2,30,72,091 } R10,80,000	87,640	6,427,181	164,454	39,770	13,731	18,892	286,817
	1910-11	264	{ R21,41,13,488 £203,274	{ R18,88,90,293 £363,521	{ R2,12,80,101 } R11,00,000	84,027	6,346,675	157,029	39,616	10,223	17,409	230,875
	1909-10	245	{ R20,19,63,755 £203,274	{ R17,95,70,849 £363,521	{ R1,92,05,001 } R13,75,000	80,171	6,142,551	154,536	40,061	10,841	17,943	232,381

(a) Include children

(b) Represent number employed in one mill, statistics of the other three mills not being available

No. 3

ABSTRACT STATEMENT of the QUANTITY (in pounds) of YARN produced in the COTTON MILLS in INDIA in each year from 1895-96 to 1911-12

	Bombay	Madras	Bengal	United Provinces of Agra and Oudh (also Ajmer-Merwara)	Punjab	Central Provinces and Berar (a)	TOTAL FOR BRITISH INDIA	Native States and Foreign Territory	GRAND TOTAL
1895-96	320,384,098	28,963,160	38,382,650	20,385,272	4,361,015	17,994,301	430,472,002	1,860,118	432,332,120
1896-97	302,294,963	20,319,320	42,106,903	22,648,473	5,314,834	17,611,911	419,106,400	3,988,427	423,184,827
1897-98	324,640,184	32,615,446	44,606,725	26,746,853	6,606,919	18,334,320	453,659,346	8,936,484	462,595,830
1898-99	368,050,099	30,728,346	46,517,666	32,282,514	7,243,709	18,807,910	602,630,264	9,764,841	612,385,105
1899-1900	371,946,666	32,251,911	37,689,101	33,348,795	7,601,863	19,752,569	601,685,195	12,238,053	613,923,248
1900-01	243,026,628	27,662,704	16,290,973	29,246,464	7,235,843	18,726,985	342,777,547	10,195,640	352,973,087
1901-02	416,028,240	32,120,814	46,403,264	33,689,403	9,629,422	24,233,715	560,004,848	12,933,318	572,938,166
1902-03	410,620,005	31,266,104	47,085,551	27,050,371	9,587,025	24,306,984	558,912,040	16,882,220	575,894,260
1903-04	414,032,160	28,714,162	46,487,245	29,930,262	11,578,346	24,548,008	556,190,792	22,568,283	578,759,075
1904-05	422,248,805	30,124,605	38,347,677	27,348,938	11,624,617	26,253,834	555,948,426	22,432,849	578,381,275
1905-06	491,000,490	35,282,189	51,276,839	34,388,071	14,694,416	28,367,226	665,618,831	25,299,750	680,918,581
1906-07	473,003,690	36,723,676	46,506,702	33,888,075	13,860,773	26,509,900	630,653,315	23,147,145	653,700,460
1907-08	467,146,107	36,935,891	41,817,831	37,141,035	12,872,986	27,857,536	613,772,076	24,523,039	638,295,115
1908-09	409,104,266	39,026,423	39,146,723	38,870,997	13,265,405	29,773,277	629,886,081	27,699,078	657,585,159
1909-10	437,484,282	40,695,690	34,419,392	39,801,222	10,936,800	30,186,265	693,423,941	34,157,621	627,581,562
1910-11	424,026,640	41,070,719	38,278,828	36,206,427	8,234,423	28,314,423	576,996,460	32,930,681	609,927,141
1911-12	441,621,380	42,838,086	32,625,497	39,487,426	6,630,835	27,738,448	690,841,607	34,188,532	625,030,199

No. 4

ABSTRACT STATEMENT of the QUANTITY (in pounds) of WOVEN GOODS produced in the COTTON MILLS in INDIA in each year from 1896-97 to 1911-12

	Bombay	Madras	Bengal	United Provinces of Agra and Oudh (also Ajmer-Merwara)	Punjab	Central Provinces and Berar (a)	TOTAL FOR BRITISH INDIA	Native States and Foreign Territory	GRAND TOTAL
1896-97	67,023,766	5,285,169	282,271	2,888,824	873,146	5,061,882	81,415,058	1,517,746	82,932,804
1897-98	73,481,664	6,320,781	63,266	3,042,991	1,007,533	5,110,292	88,026,427	3,261,224	91,287,651
1898-99	82,366,121	6,126,279	58,605	4,084,580	865,748	5,160,950	98,658,289	3,031,654	101,689,943
1899-1900	78,583,369	6,940,942	204,665	3,624,933	705,408	5,261,941	95,320,358	2,744,450	98,064,807
1900-01	80,689,445	6,709,087	320,126	3,635,276	404,268	5,085,798	95,844,500	2,902,976	98,747,566
1901-02	98,645,680	6,073,322	392,846	4,637,808	272,695	6,143,908	115,966,169	3,684,626	119,650,685
1902-03	100,463,618	4,995,069	414,856	4,585,527	177,510	6,646,062	117,284,632	5,291,277	122,675,909
1903-04	112,717,110	5,343,576	690,815	5,493,867	64,927	7,565,932	131,876,227	6,167,945	138,044,172
1904-05	130,998,292	6,578,847	720,224	6,018,012	149,773	8,276,682	152,741,830	6,004,725	158,746,555
1905-06	131,898,452	8,136,391	657,275	7,045,931	324,042	7,938,185	166,600,276	7,279,918	163,880,194
1906-07	134,735,665	7,962,536	1,316,249	7,173,582	394,118	7,429,295	159,001,465	6,766,393	165,767,858
1907-08	154,644,775	7,693,323	1,934,073	8,862,526	463,770	7,770,762	181,269,219	7,782,610	189,051,799
1908-09	164,684,116	7,596,792	2,861,278	9,597,134	301,851	8,922,405	184,163,606	8,201,091	192,364,697
1909-10	183,395,089	7,738,451	2,876,631	10,788,937	316,641	10,376,106	215,461,455	13,362,623	228,824,078
1910-11	199,531,111	7,162,063	2,804,313	9,766,033	419,012	11,198,745	230,861,277	14,953,596	245,814,873
1911-12	219,437,771	7,897,553	2,656,155	9,481,899	671,720	11,981,034	252,126,132	14,518,049	266,644,181

(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, a transfer has been made from the 1st October 1903 when the administration was transferred to the Central Provinces

No. 5

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in INDIA in each year from 1907-08 to 1911-12

Count or Number	1907-08	1908-09	1909-10	1910-11	1911-12	1907-08	1908-09	1909-10	1910-11	1911-12
BRITISH INDIA—										
	BOMBAY PRESIDENCY					BOMBAY ISLAND				
1	1,763	12,515	26,558	..	..	1,763	12,515	26,433	..	..
2	27,995	..	9,433	8,905	8,758	9,546	..	9,433	8,905	8,646
3	601,183	789,932	778,328	832,353	1,135,847	570,726	780,172	707,406	851,910	1,135,847
4	3,009,476	2,175,585	1,063,539	1,996,056	1,677,956	2,901,871	1,867,265	1,608,315	1,844,252	1,388,024
5	835,508	114,670	38,028	20,302	125,909	831,544	111,432	86,110	20,302	125,909
6	12,637,218	12,015,571	9,165,894	8,352,462	7,021,678	11,762,880	11,120,821	8,584,631	7,907,306	7,305,563
7	6,111,707	6,105,103	5,741,718	6,903,054	8,091,637	5,453,637	6,310,045	4,970,787	6,386,735	7,461,587
8	7,054,505	4,402,440	8,033,209	3,185,094	3,459,403	6,478,510	3,943,208	2,606,220	2,918,725	3,140,660
9	3,932,317	2,960,819	2,734,108	2,711,645	3,276,874	3,009,541	1,900,480	1,554,094	1,775,137	1,931,817
10	81,980,015	84,380,868	75,130,516	61,823,064	61,856,111	79,320,384	81,022,711	72,819,203	59,423,001	58,806,336
Total Nos. 1 to 10	115,898,777	113,017,012	98,630,411	85,893,425	87,579,273	110,340,402	100,036,640	92,072,541	81,141,272	81,453,298
11	18,758,000	22,083,607	25,137,043	24,865,551	19,167,503	17,702,672	20,986,483	23,050,230	23,050,474	18,260,170
12	36,026,016	42,931,069	43,123,439	49,508,092	39,737,729	34,092,423	40,814,680	41,061,077	41,606,267	31,991,833
13	6,610,812	5,091,108	3,720,016	3,831,159	5,512,891	5,088,036	3,650,820	1,987,875	2,156,610	3,643,432
14	7,030,991	6,338,228	5,874,000	7,203,547	9,082,150	5,874,092	5,297,228	4,984,073	6,373,479	7,687,917
15	1,034,267	1,104,288	1,069,705	1,102,913	1,448,086	855,430	300,600	1,162,092	831,740	811,355
16	20,600,971	13,038,727	14,725,801	15,852,615	14,202,092	18,180,237	10,500,822	11,119,901	13,015,050	11,120,451
17	3,764,206	2,609,742	3,644,431	3,723,157	4,726,660	2,381,091	1,440,750	2,124,097	2,526,892	3,290,351
18	8,217,414	8,678,852	9,005,301	9,111,917	9,976,024	6,537,086	6,690,331	7,139,455	7,713,100	7,853,248
19	1,423,187	911,839	1,344,630	1,135,442	2,178,078	1,033,968	718,073	1,080,171	830,194	1,855,801
20	113,335,860	126,447,431	110,169,646	90,627,640	111,703,788	83,938,537	61,227,068	81,767,292	72,219,541	84,351,505
Total Nos. 11 to 20	216,870,793	229,829,646	224,413,162	210,141,942	211,754,000	175,185,782	181,702,253	176,311,733	171,213,092	170,766,063
21	14,734,361	14,467,273	13,821,345	13,131,405	17,206,220	8,905,609	9,226,371	8,412,433	7,694,742	9,656,980
22	29,888,069	30,037,839	30,047,137	37,245,110	37,038,836	18,060,877	17,640,626	17,187,756	22,019,937	21,695,896
23	1,397,843	1,621,351	1,645,804	3,093,220	4,691,269	509,132	302,125	170,469	248,860	1,197,034
24	23,773,357	26,218,394	22,565,760	27,138,952	30,616,910	17,623,141	20,020,698	18,309,117	17,937,653	20,561,933
25	3,397,266	1,587,441	696,116	839,000	1,057,310	237,682	361,440	162,464	92,826	154,420
26	7,960,920	8,937,718	7,629,359	6,527,378	7,690,341	5,003,242	4,586,804	4,955,928	4,614,217	5,293,907
27	1,158,239	1,105,977	844,765	811,276	1,216,348	665,772	686,534	596,724	629,802	641,430
28	4,995,002	5,293,191	5,422,704	5,978,484	6,765,323	3,965,039	3,969,302	3,852,003	4,200,751	4,675,286
29	302,207	505,781	546,233	521,100	330,983	10,455	59,313	7,096	236,806	54,378
30	14,240,069	13,676,095	13,253,526	15,211,034	14,807,085	4,664,386	4,660,754	4,331,303	5,470,265	6,157,285
Total Nos. 21 to 30	101,486,723	102,700,560	96,478,740	110,496,977	121,500,740	60,025,425	61,510,067	55,443,463	63,045,859	70,058,529
31	665,804	871,211	814,165	346,966	106,929	361,207	645,061	474,816	149,466	86,353
32	4,708,699	4,601,407	5,180,845	4,738,172	5,013,165	3,177,113	2,672,004	2,201,508	2,320,587	2,287,115
33	1,944,270	2,312,467	1,566,052	2,276,849	2,234,443	62,303	106,000	95,648	30,883	32,437
34	2,865,512	2,841,822	1,933,532	3,275,523	4,325,606	493,511	573,300	424,062	645,291	890,167
35	1,010,555	226,841	230,256	537,882	484,509	..	..	1,649	..	293
36	2,331,501	2,615,268	1,205,061	2,553,018	3,700,835	484,046	517,874	220,510	430,357	750,477
37	99,807	68,270	431	2,071	42,670	..	11,711	..	..	31,770
38	626,014	514,830	291,385	181,559	434,736	67,332	64,570	100,391	378	9,918
39	3,280	20,755	20,957	..	110,155	..	..	..	..	..
40	6,050,102	5,131,907	3,406,287	2,808,491	1,975,550	2,030,323	1,079,783	803,313	736,600	664,876
Total Nos. 31 to 40	20,290,934	19,204,773	14,677,470	16,719,531	18,608,703	6,684,925	6,271,421	4,322,506	4,313,691	4,551,901
Akore 40	2,475,621	4,402,390	3,314,461	1,667,691	1,949,209	853,422	1,180,941	973,860	650,137	705,807
Wastes, etc.	131,349	30,575	70,029	83,074	120,455	51,824	28,846	54,976	62,288	108,900
TOTAL	457,140,107	460,194,256	437,484,282	424,026,640	441,521,380	353,151,760	357,646,077	330,070,099	320,427,139	327,640,898

NOTE.—The suburb of Coorla in the Thane district is treated for statistical purposes as part of the Island of Bombay

No. 5—continued

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in INDIA in each year from 1907-08 to 1911-12—continued

Count or Number	1907-08	1908-09	1909-10	1910-11	1911-12	1907-08	1908-09	1909-10	1910-11	1911-12
BRITISH INDIA—continued										
	AHMEDABAD					MADRAS				
1	..	..	..	..	..	32,235	52,081	14,750	79,038	103,202
2	..	..	..	..	..	..	600	..	1,539	..
3	4,815	..	..	434	..	..	..	..	..	..
4	..	40	21	..	3,376	535,752	576,741	728,334	683,814	382,328
5	..	..	..	..	..	19,200	10,914	..	..	..
6	203,126	160,532	93,335	82,037	11,009	793,455	902,933	931,774	756,274	265,395
7	303,890	303,117	455,004	465,942	616,939	..	46,602	72,478	5,242	11,434
8	203,376	142,901	78,367	57,283	90,976	411,523	522,930	522,792	682,137	531,620
9	599,095	755,405	810,618	753,674	1,063,758	1,710	16,580	53,526	10,187	10,983
10	342,914	504,348	245,224	501,697	593,427	738,503	867,887	978,116	757,387	1,008,604
Total Nos. 1 to 10	1,656,986	1,866,343	1,683,217	1,861,237	2,279,985	2,532,378	2,997,278	3,538,770	2,975,613	2,318,772
11	582,459	614,311	655,444	536,205	682,569	160,525	96,514	208,027	21,438	32,415
12	195,625	271,576	402,081	187,039	164,688	1,405,389	1,379,241	1,739,780	1,479,397	1,877,088
13	961,002	933,730	1,244,743	1,420,888	1,707,068	326,155	219,498	319,730	81,468	106,713
14	591,791	616,925	412,338	365,849	745,584	2,363,733	2,655,397	3,386,079	2,989,312	3,011,659
15	169,786	278,164	224,268	129,785	322,303	1,388,277	1,187,930	1,293,470	1,380,998	1,557,176
16	611,528	1,108,380	1,432,579	982,018	1,502,701	2,206,507	2,173,632	2,621,045	2,075,057	1,936,162
17	641,784	690,428	574,817	572,548	906,469	1,793,760	1,931,420	1,676,871	1,969,110	1,804,775
18	200,656	347,515	321,988	273,615	464,624	2,416,660	2,194,115	3,059,436	2,370,088	2,933,007
19	60,429	61,895	12,437	21,315	123,048	3,772,099	4,163,908	3,560,960	3,860,881	3,768,346
20	10,343,167	16,280,751	15,540,199	8,243,355	8,663,531	11,222,249	12,932,495	11,648,812	13,711,558	14,181,168
Total Nos. 11 to 20	14,394,826	20,173,685	20,820,685	12,732,505	15,282,525	27,055,374	29,174,848	30,107,210	29,737,905	31,008,729
21	3,462,647	3,365,873	3,351,961	3,556,532	5,232,138	3,221,189	3,341,087	2,811,297	2,825,745	2,707,010
22	9,087,280	10,026,921	10,122,547	12,222,452	11,192,293	939,172	900,749	1,175,376	1,632,165	1,726,524
23	696,947	1,200,049	1,346,300	2,471,029	3,324,837	33,300	56,692	12,546	25,472	21,951
24	3,711,379	3,346,016	3,300,933	6,540,619	7,060,536	283,971	389,098	516,232	1,153,575	955,847
25	3,021,155	1,154,199	835,815	702,903	855,601	10,600	27,840	9,851	..	..
26	1,992,326	2,574,945	1,917,099	1,048,133	1,621,746	1,508,672	1,827,087	1,021,467	1,312,144	1,595,623
27	457,091	411,422	212,457	271,554	670,054	..	14,550	3,300	..	..
28	620,202	954,673	1,265,436	1,495,265	1,864,922	215,555	254,346	95,948	122,328	404,652
29	3,308	37,789	67,332	10,054	90,332	..	..	..	..	..
30	5,346,184	5,946,176	5,832,254	5,908,991	4,687,111	1,010,608	981,895	1,237,258	1,048,063	1,410,469
Total Nos. 21 to 30	28,418,419	28,117,763	27,812,184	34,227,622	36,599,568	7,222,947	7,298,454	6,980,315	8,119,492	8,622,096
31	214,973	91,292	283,066	131,578	42,017	..	68,485	28,230	..	..
32	1,159,034	1,666,534	2,676,728	2,077,975	2,134,065	45,703	6,177	..	42	80,907
33	1,653,604	2,154,348	1,464,635	2,233,473	2,200,205	..	..	..	..	..
34	2,237,019	2,222,115	1,339,113	2,439,416	3,169,059	..	..	..	..	..
35	1,010,329	226,630	233,863	536,112	484,306	..	..	..	..	..
36	1,632,063	1,917,559	950,189	2,115,756	2,937,906	..	..	..	..	..
37	99,744	56,241	431	2,071	11,380	..	..	..	..	..
38	549,950	413,547	89,505	161,103	424,306	..	..	..	..	..
39	3,250	20,755	20,957	..	107,630	..	..	..	..	..
40	3,057,650	2,414,238	1,733,270	1,464,063	831,351	79,469	95,181	42,465	197,595	449,633
Total Nos. 31 to 40	11,987,446	11,183,279	8,791,762	11,181,732	12,400,549	125,172	169,843	69,695	197,637	530,540
Above 40	1,594,465	3,162,500	2,206,313	805,061	1,014,941	..	..	..	40,072	157,949
Waste, etc.	53,718	649	1,625	7,336	4,356	..	..	..	..	..
TOTAL	58,075,860	64,504,519	61,315,936	6,08,168,603	585,824	7,36,935,891	39,835,423	40,595,990	41,070,719	42,535,056

No. 5—continued

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in INDIA in each year from 1907-08 to 1911-12—continued

Count or Number	1907-08	1908-09	1909-10	1910-11	1911-12	1907-08	1908-09	1909-10	1910-11	1911-12
BRITISH INDIA—continued										
	BENGAL					UNITED PROVINCES OF AGRA AND OUDH (also AJMER-MERWARA)				
1	11,411	21,578	..	6,500	534	..	..	..	..	7,000
2	308,807	847,051	182,734	187,380	805,918	..	..	45,855	60,029	3,564
3	39,208	..	..	..	..	..	8,236	..	..	19,406
4	367,370	123,903	55,020	31,404	..	1,011,925	1,014,281	866,862	831,087	966,956
5	5,914	..	1,155	23,627	..	..	24,363	134,594	61,633	27,019
6	1,987,349	1,100,367	540,782	247,838	667,955	311,880	534,602	611,903	609,901	913,786
7	679,620	397,432	691,265	917,042	272,401	1,219,111	304,637	668,377	518,547	499,169
8	1,102,504	604,181	370,051	270,352	362,960	239,539	355,000	728,272	685,000	691,290
9	214,278	219,652	813,375	288,463	532,880	27,264	86,644	39,087	124,892	201,799
10	7,658,244	7,391,765	5,579,608	4,377,822	3,798,877	5,921,284	6,144,740	6,796,428	6,538,642	7,249,188
Total Nos. 1 to 10	12,449,705	10,272,169	7,733,890	6,300,343	5,041,585	7,731,003	8,569,703	9,683,658	9,428,111	10,579,267
11	2,193,572	2,356,028	2,228,258	3,287,132	3,346,849	2,190,041	2,628,131	3,033,733	2,367,955	1,929,095
12	3,892,980	3,701,168	3,135,959	3,041,637	2,832,823	2,160,983	1,777,993	2,154,521	2,040,245	2,349,165
13	2,047,768	1,175,588	1,474,083	2,830,617	1,865,820	1,880,056	2,071,604	2,145,686	2,533,983	2,715,509
14	3,145,895	3,208,842	3,624,885	3,936,733	3,127,873	4,873,839	4,888,200	4,864,417	4,640,200	4,656,210
15	354,028	332,102	182,809	617,078	747,620	3,798,253	3,257,776	3,352,968	3,125,858	2,952,059
16	5,004,225	4,452,465	5,067,186	5,091,869	5,288,032	6,243,957	6,400,339	6,648,761	5,304,382	6,438,597
17	1,683,601	2,181,600	2,068,568	1,679,920	1,921,804	1,829,959	2,094,571	1,715,766	1,447,823	1,664,787
18	1,678,002	1,487,041	1,107,878	1,642,675	1,104,565	1,951,118	2,240,654	1,345,333	1,773,697	2,101,661
19	1,105,858	1,572,210	987,259	1,428,936	722,450	2,304,894	1,804,142	1,460,118	924,049	973,765
20	8,830,471	8,680,213	2,217,245	3,176,712	2,348,708	916,563	1,055,972	1,177,321	1,099,243	1,268,138
Total Nos. 11 to 20	24,099,458	24,007,958	22,502,130	26,836,207	22,306,973	28,155,583	29,119,451	28,798,544	25,266,435	26,077,006
21	791,088	1,095,220	893,731	1,015,100	813,392	..	12,972	16,614	176,054	106,669
22	1,349,127	1,377,454	1,240,418	1,515,241	1,396,575	716,073	373,869	811,088	810,044	899,925
23	24,397	8,937	..	100,823	168,766	..	234,905	..	..	..
24	778,477	1,362,151	1,062,120	1,088,194	625,424	130,757	90,606	168,716	146,779	177,980
25	305,516	230,008	180,918	100,428	16,697	..	14,623	5,608	15,772	52,524
26	102,212	46,444	68,485	422,592	44,144	..	..	5,613	..	31,528
27	85,242	102,336	215,680	487,116	852,007	..	..	..	..	..
28	105,081	9,177	..	31,012	106,300	360,939	212,597	228,240	72,277	47,960
29	..	32	..	..	..	..	147,601	..	..	..
30	226,062	253,581	79,616	85,351	143,238	..	15,011	7,282	1,858	11,805
Total Nos. 21 to 30	3,708,892	4,485,940	3,689,956	5,046,157	4,166,533	1,207,709	1,102,204	1,245,030	1,228,784	1,328,361
31	..	..	..	..	..	..	..	..	893	..
32	159,825	103,334	157,551	144,629	126,592	..	..	5,678	315	19
33	23,702	3,612	..	11,079	10,367	4,839	..	..	..	2,221
34	1,237	..	23	..	..	..	..	..	..	..
35	..	..	..	..	..	..	..	..	..	..
36	2,310	11,785	78,989	4,288	..	41,145	89,639	91,465	18,705	44,764
37	..	..	..	..	..	..	..	..	..	..
38	..	576	108	..	..	..	..	1,878	1,643	5,190
39	..	..	..	..	..	..	..	..	..	..
40	214,013	56,955	1,362	..	69,274	1,290	..	4,791	451	8,978
Total Nos. 31 to 40	401,987	176,465	238,033	160,696	208,233	47,260	89,639	73,732	22,007	64,172
Above 40	105,056	112,725	165,364	136,225	4,173	..	..	258	2,133	..
Wastes, etc.	91,923	1,471	..	..	..	..	..	..	257,897	538,000
Total	41,817,831	39,146,723	34,419,592	38,572,828	32,625,497	37,141,925	38,979,697	39,891,323	35,205,427	39,487,436

No. 5—continued

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in INDIA in each year from 1907-08 to 1911-12—continued

Count or Number	1907-08	1908-09	1909-10	1910-11	1911-12 ^(a)	1907-08	1908-09	1909-10	1910-11	1911-12
INDIAN INDIA—continued										
	PUNJAB					CENTRAL PROVINCES AND BERAH				
1	..	..	..	2,330	12,375	..	..	..	1,402	106,575
2	..	764	..	4,579	322	..	..	..	8,533	78,128
3	90	..	..	..	2,132	..	..	..	..	121
4	..	2,527	..	57,113	36,580	317	31,673	60,636	46,203	108,459
5	16,390	..	..	8,170	..	..	..	..	..	..
6	70,539	179,143	152,084	34,742	3,056	716,695	688,137	780,288	694,818	593,215
7	278,268	311,459	136,689	218,757	165,707	358,640	709,834	589,172	743,689	730,613
8	19,784	256,387	127,461	89,059	23,039	179,754	59,082	101,918	181,859	95,312
9	356,732	431,081	262,675	152,114	58,234	1,297,029	1,336,728	1,327,003	982,990	910,866
10	229,426	396,635	877,422	144,308	319,674	3,842,817	4,342,482	4,939,175	3,214,110	2,439,312
Total Nos. 1 to 10	1,001,229	1,577,998	1,556,331	711,170	620,069	6,395,252	7,167,936	7,793,192	5,676,694	5,062,671
11	2,402,986	1,967,868	2,152,580	1,409,804	1,223,042	775,929	1,465,613	1,228,006	1,688,180	1,854,688
12	450,599	572,384	393,852	111,448	356,412	5,767,978	5,691,838	5,171,500	4,871,117	4,221,870
13	2,222,061	3,096,740	2,078,431	1,054,244	644,942	496,740	1,301,406	1,067,428	874,630	970,873
14	1,813,177	1,916,529	1,804,922	1,824,370	1,059,623	1,511,515	1,566,586	1,762,141	2,258,423	2,100,436
15	666,077	840,316	714,878	863,695	996,318	122,661	114,692	58,230	65,024	250,625
16	2,706,414	1,465,541	1,622,143	1,401,185	730,398	2,977,728	2,661,644	2,712,463	2,819,033	3,341,027
17	1,192,378	1,237,428	415,689	388,664	576,631	279,654	337,147	591,846	514,571	534,059
18	89,247	90,345	16,122	160,855	65,511	977,087	815,184	737,026	840,558	987,381
19	50,067	241,186	68,321	115,254	173,608	15,722	54,536	67,624	2,816	491
20	238,138	166,378	321,032	118,414	127,949	3,561,713	3,326,921	3,012,800	3,747,537	3,173,482
Total Nos. 11 to 20	11,731,123	11,598,705	9,377,970	7,448,128	6,953,234	16,515,973	17,357,567	17,462,064	17,681,889	17,434,632
21	25,967	..	..	11,250	820	904,944	984,949	1,044,433	563,763	607,326
22	47,116	90,258	..	141	3,611	1,434,965	895,055	990,164	851,662	985,131
23	..	..	..	..	..	1,329	..	..	..	..
24	10	446	..	..	..	1,177,286	1,841,005	1,708,192	2,067,926	2,233,618
25	..	..	..	..	..	..	..	262	..	..
26	292	..	..	..	..	158,393	193,581	191,233	236,366	426,810
27	..	..	..	..	..	..	..	..	..	..
28	..	..	..	..	..	30,024	56,352	106,504	119,902	157,004
29	..	..	..	..	..	..	189	..	..	..
30	24,738	..	115	..	1,910	820,775	375,658	185,700	249,094	169,367
Total Nos. 21 to 30	100,823	90,704	115	11,361	6,341	4,628,387	4,326,879	4,227,837	4,088,913	4,019,265
31	..	..	..	..	..	..	..	..	..	..
32	10,922	..	..	..	..	453,522	405,931	308,187	360,437	325,862
33	6,591	..	..	..	..	..	..	..	..	..
34	..	..	2,384	..	..	224,936	164,427	141,978	110,779	136,656
35	..	..	..	..	..	..	..	78	..	..
36	..	..	..	..	..	4,394	..	23,123	17,281	9,329
37	..	..	..	..	..	..	..	..	..	..
38	..	..	..	..	..	3,974	4,722	2,362	..	..
39	..	..	..	..	..	..	..	..	..	..
40	23,898	..	..	..	..	109,129	177,978	138,453	85,801	58,634
Total Nos. 31 to 40	39,811	..	2,384	..	..	795,955	753,059	614,179	574,298	600,481
Above 40	..	..	..	..	..	123,969	167,537	83,983	92,629	86,094
Waste, etc.	..	..	..	53,764	45,191	..	..	..	..	..
TOTAL	13,872,986	13,265,405	10,936,600	8,224,423	6,630,835	27,357,436	29,773,277	30,186,235	28,314,423	27,728,413

(a) Includes 3,000 lbs for which details of count or number are not given

COTTON MILLS

(64)

No. 5—continued

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in INDIA in each year from 1907-08 to 1911-12--continued

Count or Number	1907-08	1908-09	1909-10	1910-11	1911-12
TOTAL OF BRITISH INDIA					
BRITISH INDIA—concluded					
1	45,409	86,174	41,303	80,364	234,726
2	421,802	348,415	238,022	228,871	391,690
3	630,481	792,868	778,326	852,353	1,157,500
4	4,924,840	3,924,770	3,074,389	3,648,677	3,172,249
5	875,012	143,956	103,775	103,832	152,928
6	16,517,136	15,486,743	12,082,815	10,696,115	10,304,675
7	7,647,436	7,965,287	7,317,899	9,306,931	9,771,221
8	9,007,609	6,280,020	5,120,703	6,043,591	6,188,950
9	5,849,330	5,053,714	4,723,864	4,270,291	4,091,638
10	100,089,289	103,524,167	94,300,165	76,855,311	76,701,736
Total Nos. 1 to 10	146,008,344	143,592,094	128,941,201	111,185,356	112,107,637
11	26,481,992	30,598,351	25,937,647	33,640,060	26,473,502
12	49,703,940	56,063,603	55,719,051	55,066,831	45,176,087
13	13,682,690	13,766,444	10,805,354	11,212,101	11,816,738
14	20,745,151	20,789,836	21,016,534	22,942,585	2,087,951
15	7,263,783	6,831,194	7,271,050	7,145,594	7,531,884
16	30,808,892	30,792,648	34,297,389	32,542,741	31,938,938
17	10,543,638	10,501,908	10,411,191	9,726,445	11,227,825
18	15,329,528	15,451,191	15,271,096	15,890,790	17,167,130
19	8,781,857	8,787,825	7,478,912	7,267,378	7,817,607
20	133,137,023	147,613,410	134,542,856	121,481,011	132,802,253
Total Nos. 11 to 20	325,328,304	341,176,470	332,751,080	316,912,500	315,434,874
21	19,680,249	19,881,501	18,689,420	17,923,287	21,441,436
22	34,376,122	33,674,744	34,273,213	42,060,572	42,060,602
23	1,455,540	1,522,085	1,559,079	3,219,515	4,881,986
24	26,143,858	29,901,790	25,961,040	31,595,429	34,699,779
25	3,624,282	1,810,512	888,813	955,200	1,126,537
26	9,430,189	9,606,830	8,915,997	8,498,780	9,788,455
27	1,243,481	1,222,863	1,063,745	1,298,392	2,068,365
28	5,707,291	5,825,669	5,850,405	6,342,003	7,481,229
29	302,207	653,603	546,233	521,100	330,083
30	15,831,252	15,502,160	14,773,497	16,595,400	16,063,894
Total Nos. 21 to 30	117,793,471	119,999,741	112,522,012	128,991,684	140,452,356
31	665,804	939,096	842,395	347,859	196,929
32	5,378,071	5,116,849	5,601,161	5,443,595	5,546,547
33	1,076,702	2,311,279	1,568,036	2,287,828	2,247,031
34	3,091,655	3,006,249	2,075,533	3,386,392	4,462,262
35	1,010,555	226,841	236,331	537,882	484,560
36	2,679,440	2,716,987	1,309,558	2,503,382	3,844,928
37	99,807	68,270	431	2,071	42,670
38	623,988	520,128	295,733	183,202	442,926
39	3,280	20,765	20,957	...	110,155
40	6,478,907	5,492,024	3,565,358	3,092,338	2,562,975
Total Nos. 31 to 40	21,710,139	20,393,778	15,675,493	17,674,459	19,940,129
Above 40	2,705,546	4,082,962	3,564,066	1,837,750	2,199,425
Wastes, etc.	226,272	41,046	70,029	394,705	704,240
TOTAL	613,772,076	629,886,081	593,423,941	579,999,460	599,841,607

No. 5—continued

DETAILED STATEMENT of the QUANTITY (in pounds) and the COUNTS (or numbers) of YARN produced in the COTTON MILLS in INDIA in each year from 1907-08 to 1911-12—continued

Count or Number	1907-08	1908-09	1909-10	1910-11	1911-12
NATIVE STATES AND FOREIGN TERRITORY					
1	..	..	..	..	..
2	..	16,127	3,678	21,926	12,840
3	96,401	148,376	162,146	158,579	149,682
4	49,871	55,642	82,956	39,379	66,042
5	..	39,401	346	2,217	329
6	747,864	840,329	744,838	588,421	742,676
7	316,497	330,597	1,324,144	871,574	1,036,876
8	507,044	694,537	454,121	387,776	507,241
9	171,421	173,210	519,085	309,334	291,668
10	1,294,775	2,204,475	3,198,374	2,187,731	1,264,503
Total Nos. 1 to 10	3,183,933	4,373,084	6,489,688	4,566,937	4,071,857
11	1,253,284	1,001,816	2,394,351	1,948,169	1,671,183
12	666,942	1,126,295	1,312,607	1,108,597	1,146,271
13	598,133	654,493	609,510	736,462	822,309
14	1,421,598	1,739,699	2,145,064	2,313,045	3,081,182
15	432,423	25,341	49,977	268,600	682,834
16	1,094,374	1,605,168	2,293,121	2,027,561	2,390,538
17	581,331	232,727	604,599	314,263	644,768
18	1,842,695	2,091,733	2,402,921	2,432,998	2,579,091
19	289,931	422,584	429,481	348,507	333,096
20	7,406,755	8,686,401	8,426,740	7,977,824	7,643,654
Total Nos. 11 to 20	15,587,467	17,586,317	20,719,511	19,526,086	20,895,916
21	1,544,172	1,000,534	988,778	1,345,028	1,557,285
22	1,675,123	1,639,648	1,931,325	2,967,875	3,140,899
23	134,954	109,413	795,758	780,593	709,397
24	607,396	860,236	885,127	856,828	1,043,835
25	60,226	79,769	32,480	53,077	117,577
26	534,453	622,884	415,869	796,298	770,746
27	44,629	24,335	259,654	431,364	304,856
28	401,231	394,841	720,885	413,262	474,201
29	9,200	12,500	5,924	10,349	21,283
30	539,130	681,274	628,411	819,658	739,812
Total Nos. 21 to 30	5,450,514	5,425,434	6,664,211	8,474,332	8,879,891
31	254	1,015	241	16,437	12,859
32	162,759	217,076	94,792	103,271	188,958
33	60,027	26,332	13,628	110,649	44,401
34	36,078	12,048	135,549	55,991	66,973
35	15,553	292	1,532	..	..
36	..	13,245	..	..	4,427
37	..	..	..	..	..
38	..	..	..	2,162	279
39	..	..	..	..	..
40	25,510	28,647	3,661	72,019	22,928
Total Nos. 31 to 40	300,178	300,055	249,403	360,629	340,826
Above 40	947	14,178	34,808	2,797	43
TOTAL	24,523,039	27,696,078	34,157,621	32,930,681	34,188,583

No. 5—concluded

DETAILED STATEMENT of the QUANTITY (in yards) and the CCUNTS (or numbers) of YARN produced in the COTTON MILLS in INDIA in each year from 1907-08 to 1911-12—concluded

Count or number	1907-08	1908-09	1909-10	1910-11	1911-12
GRAND TOTAL OF INDIA					
1	45,400	86,174	41,303	89,364	234,729
2	421,892	964,542	241,700	250,797	494,539
3	726,942	941,244	940,472	1,010,932	1,307,188
4	4,974,711	3,980,412	3,757,345	3,688,056	3,238,291
5	875,012	189,357	164,121	166,949	153,257
6	17,266,000	16,327,072	12,627,653	11,284,536	11,107,661
7	7,003,933	8,205,894	9,142,043	10,208,656	10,808,097
8	9,514,653	6,824,357	6,574,824	6,471,397	5,676,191
9	6,020,751	5,226,924	5,242,949	4,579,625	5,283,324
0	101,384,064	105,728,642	97,498,539	70,943,062	77,966,239
Total Nos. 1 to 10	140,192,277	147,965,188	135,430,949	115,752,293	116,179,494
11	27,735,276	31,600,167	38,331,998	35,588,229	28,144,775
12	50,374,882	57,179,958	57,031,653	56,169,428	46,321,358
13	14,180,723	14,420,937	11,414,864	11,443,563	12,339,047
14	22,166,749	22,533,535	23,101,508	25,255,030	26,149,133
15	7,696,200	6,862,535	7,321,027	7,414,221	8,635,718
16	40,903,170	32,397,810	36,590,510	34,570,362	34,325,476
17	11,124,969	10,794,655	11,075,390	10,034,798	11,772,383
18	17,172,224	17,512,924	17,474,917	18,332,788	16,746,236
19	9,021,788	9,190,400	7,899,533	7,615,883	8,150,732
20	140,543,778	156,299,871	142,069,556	129,468,835	140,445,000
Total Nos. 11 to 20	340,915,771	358,762,787	353,470,591	336,428,592	338,330,790
21	21,224,421	20,882,035	19,578,198	19,268,315	22,998,724
22	36,950,245	35,314,392	36,201,538	46,024,417	45,201,501
23	1,690,494	2,031,498	2,455,437	4,000,103	6,591,383
24	26,651,254	30,762,026	26,840,167	32,452,254	36,653,914
25	3,684,568	1,890,281	921,293	1,008,277	1,244,114
26	9,964,642	10,227,714	9,311,806	9,295,078	10,559,201
27	1,288,110	1,247,198	1,323,309	1,729,750	2,373,211
28	6,108,522	6,220,504	6,571,290	6,737,265	7,954,430
29	311,407	666,103	552,157	531,458	351,366
30	16,370,382	16,183,424	16,401,903	17,415,058	17,403,706
Total Nos. 21 to 30	123,243,985	125,425,175	119,186,223	137,466,010	149,332,247
31	696,076	940,711	842,636	364,206	209,788
32	5,540,827	5,331,575	5,765,973	5,346,896	6,735,693
33	2,038,729	2,242,811	1,581,064	2,398,477	2,291,432
34	8,127,753	3,018,895	2,211,082	3,442,203	4,520,235
35	1,026,168	227,133	237,893	637,882	484,599
36	2,379,440	2,720,932	1,369,758	2,593,382	3,849,355
37	99,807	68,270	431	2,071	42,679
38	623,988	620,128	205,733	185,364	443,205
39	3,280	20,756	20,957		110,156
40	6,504,317	5,490,671	3,599,019	3,164,367	2,685,909
Total Nos. 31 to 40	22,010,317	20,693,833	16,824,896	18,034,988	20,280,954
Above 40	2,700,493	4,697,130	3,598,874	1,840,547	2,199,468
Wn. tes, etc.	226,272	41,046	70,029	394,705	704,246
Total	638,295,115	667,686,159	627,581,562	609,927,141	625,030,199

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No. 6

DETAILED STATEMENT of the QUANTITY (in pounds and their equivalent in yards) and DESCRIPTION of WOVEN GOODS produced in the COTTON MILLS in INDIA in each year from 1907-08 to 1911-12

BRITISH INDIA
BOMBAY PRESIDENCY

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Wey and bleached piece goods—</i>										
Chadars	13,370,408	38,928,278	11,842,655	34,453,650	15,665,126	45,545,099	16,994,259	60,500,146	19,998,308	61,330,345
Dhatis	30,752,418	200,175,326	37,373,064	193,545,897	39,428,774	201,324,040	41,104,357	204,389,991	46,227,504	220,415,821
Drills and jeans	2,798,949	10,278,237	8,036,428	11,433,485	3,095,513	11,397,625	8,803,895	13,889,896	4,057,969	15,576,339
Cambrics and lawns	474,964	3,033,639	401,579	2,664,840	655,622	3,970,428	506,840	3,963,932	909,144	6,095,560
Printers	4,777,314	22,468,092	4,624,305	21,438,012	6,145,584	27,798,935	6,04,414	28,241,993	4,547,356	21,401,227
Shirtings and longcloth	43,092,761	186,832,370	43,625,913	186,283,700	50,384,671	214,873,300	58,916,881	254,236,576	65,512,720	286,497,910
T—cloth, domestics, and sheetings	19,687,128	97,209,209	20,802,504	102,650,024	23,917,673	112,756,429	23,217,021	109,204,655	22,505,592	106,162,511
Tent cloth	1,103,492	2,218,848	1,137,716	2,285,230	913,599	1,859,046	733,038	1,536,357	885,970	1,610,827
Other sorts	2,360,242	9,866,821	2,980,235	11,847,781	3,248,945	13,467,515	3,702,682	15,945,477	3,866,925	16,984,126
TOTAL	127,417,376	570,804,817	125,636,720	666,572,719	143,355,607	633,012,066	155,082,827	680,916,953	168,510,588	736,274,666
<i>Coloured piece goods</i>	23,081,439	107,022,134	27,281,532	112,273,899	38,146,695	158,241,098	42,684,333	179,099,104	49,328,245	214,129,436
<i>Wey and coloured goods other than piece goods</i> (Doz.)	1,574,249		1,356,164		1,443,579		1,281,230		1,225,006	
	899,743		330,738		351,000		372,717		314,619	
<i>Woollens</i> (Doz.)	497,827		387,004		437,838		464,209		362,971	
	270,683		242,423		266,978		285,885		229,489	
<i>Miscellaneous</i>	74,084		21,817		11,970		18,512		11,036	
TOTAL (Doz.)	154,044,775	677,826,931	154,684,146	678,846,618	183,395,639	791,253,704	199,531,111	860,018,075	219,437,846	950,404,103
	667,408		573,161		617,978		658,602		543,108	

BOMBAY ISLAND

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Wey and bleached piece goods—</i>										
Chadars	11,123,033	31,958,060	9,395,365	27,556,030	11,025,407	34,777,365	11,603,224	33,640,491	13,049,598	39,831,415
Dhatis	14,287,318	89,743,320	11,770,278	57,751,380	11,290,950	56,699,757	10,697,133	52,384,964	11,574,179	54,207,016
Drills and jeans	2,666,014	9,774,065	2,792,833	10,509,410	2,834,519	10,469,408	3,413,005	12,565,821	3,651,675	14,108,998
Cambrics and lawns	336,655	2,215,174	273,114	1,859,048	374,779	2,308,387	356,684	2,478,780	631,572	4,251,625
Printers	195,644	984,510	79,459	408,456	56,413	310,383	39,692	157,491	16,541	78,420
Shirtings and longcloth	35,289,915	159,413,844	34,004,115	151,290,442	39,100,094	173,587,444	43,469,415	185,808,974	47,973,311	219,009,066
T—cloth, domestics, and sheetings	18,362,542	80,110,421	19,355,423	93,638,531	21,721,497	102,004,141	21,063,521	98,544,832	20,103,125	96,056,602
Tent cloth	1,023,921	2,056,105	1,004,478	2,022,515	740,844	1,519,539	642,749	1,343,000	796,588	1,630,916
Other sorts	942,147	4,363,589	1,022,573	4,671,316	1,041,656	4,659,282	1,290,835	6,752,024	1,638,321	7,472,162
TOTAL	84,234,189	369,618,178	79,697,638	348,707,128	89,086,159	386,735,706	92,567,459	402,676,157	99,440,230	436,646,222
<i>Coloured piece goods</i>	24,047,597	102,201,270	25,833,818	105,931,953	35,273,742	145,489,049	38,565,039	160,548,756	43,150,098	185,905,050
<i>Wey and coloured goods other than piece goods</i> (Doz.)	1,569,129		1,336,632		1,423,941		1,232,984		1,189,226	
	395,323		326,722		344,474		366,061		307,600	
<i>Woollens</i> (Doz.)	497,827		382,476		417,111		399,655		304,684	
	270,684		241,021		257,065		247,560		191,093	
<i>Miscellaneous</i>	74,082		21,817		11,970		18,511		11,036	
TOTAL (Doz.)	110,492,623	471,817,448	107,574,580	455,639,081	126,217,923	532,224,755	132,802,778	563,224,913	144,095,372	622,451,772
	666,487		567,743		601,539		613,621		498,893	

NOTE.—The suburb of Coorta in the Thana district is treated for statistical purposes as part of the Island of Bombay

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 INDIA in each year from 1907-08 to 1911-12—continued

BRITISH INDIA—continued

AHMEDABAD

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
Grey and bleached piece goods—										
Chadars	1,057,211	5,352,900	1,836,522	5,778,092	3,213,736	9,288,053	4,040,577	14,321,567	6,144,233	19,071,047
Dhutis	26,058,862	120,300,325	22,044,814	110,605,220	23,630,020	124,217,851	26,022,774	132,923,361	29,239,878	148,850,560
Drills and jeans	83,518	359,547	130,177	539,762	161,738	624,176	172,620	651,779	193,011	829,066
Cambrics and lawns	138,279	821,309	101,654	597,294	172,630	1,413,128	142,529	1,438,204	271,989	1,813,674
Printers	2,949,625	14,480,340	3,079,208	14,532,587	4,209,625	19,141,324	4,333,694	20,345,407	2,043,385	14,496,847
Shirtings and longcloth	1,977,254	8,739,912	3,350,360	15,344,951	5,173,762	22,189,832	9,036,929	37,322,186	10,435,006	43,914,640
T—cloth, domestic, and sheetings	638,745	4,909,420	900,412	6,339,442	1,747,699	8,486,336	1,801,050	7,915,913	2,096,914	8,709,829
Tent cloth	35,792	75,401	45,475	90,040	45,325	87,470	25,577	55,840	18,493	40,628
Other sorts	647,032	2,798,161	1,046,583	4,282,604	1,045,336	5,076,789	1,469,549	7,109,461	1,472,547	6,893,548
TOTAL	31,257,126	157,837,321	32,535,295	167,100,882	39,399,770	190,524,957	47,675,199	222,088,798	52,815,456	238,624,839
Coloured piece goods	528,705	3,819,405	669,078	3,352,051	1,255,027	6,284,197	1,636,504	8,652,929	3,239,387	12,030,317
Grey and coloured goods other than piece goods (Doz.)	183	..	3,075	..	5,439	..	4,381	..	5,942	..
Hosiery (Doz.)	..	..	1,400	..	9,912	..	38,324	..	37,394	..
Miscellaneous	..	..	..	..	..	..	..	..	..	..
TOTAL (Doz.)	183	..	4,475	..	15,348	..	42,905	..	43,338	..

MADRAS

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
Grey and bleached piece goods—										
Chadars	380,227	687,292	277,136	538,888	404,085	813,757	200,225	481,110	262,380	561,591
Dhutis	365,561	1,449,684	192,307	775,607	130,862	556,012	159,529	638,127	200,595	740,190
Drills and jeans	1,761,099	6,195,627	1,536,173	5,979,809	1,268,610	4,209,298	1,420,217	4,721,931	1,526,224	5,098,202
Cambrics and lawns . . . . .	..	..	..	..	..	..	..	..	..	..
Printers . . . . .	..	..	..	..	..	..	..	..	..	..
Shirtings and longcloth . . . . .	..	..	..	..	..	..	..	..	2,610	11,853
T—cloth, domestic, and sheetings	676,497	2,581,032	812,959	1,042,587	924,638	3,206,090	924,263	1,082,408	330,658	1,179,798
Tent cloth	28,012	51,097	29,397	50,883	16,943	27,410	22,299	32,716	23,698	36,699
Other sorts	397,981	1,379,883	429,719	1,485,967	410,489	1,431,998	348,298	1,220,894	416,400	1,888,995
TOTAL	3,679,377	12,341,585	2,777,691	9,870,741	3,156,527	10,244,560	2,474,871	8,127,191	2,762,285	9,026,338
Coloured piece goods	2,928,784	12,510,821	4,772,222	14,761,545	4,623,862	13,681,916	4,503,624	14,092,064	4,978,437	16,512,237
Grey and coloured goods other than piece goods (Doz.)	85,162	..	46,250	..	68,223	..	83,382	..	165,826	..
Hosiery (Doz.)	15,047	..	11,491	..	14,569	..	25,984	..	34,628	..
Miscellaneous	..	..	629	..	339	..	188	..	1,005	..
TOTAL (Doz.)	15,047	..	11,491	..	14,568	..	25,984	..	84,628	..

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 INDIA in each year from 1907-08 to 1911-12—continued

BRITISH INDIA—continued

BENGAL

Description	1907-08		1908-09		1909-10(a)		1910-11(a)		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey and bleached piece goods—</i>										
Chadars	66,702	165,500	219,388	905,617	160,574	486,583	129,620	465,351	203,527	923,854
Dhutis	537,627	2,336,241	629,960	2,958,566	893,653	4,533,442	720,442	3,971,003	987,223	6,401,170
Drills and jeans	31,925	90,456	145,130	544,802	178,854	738,050	207,216	877,270	75,489	289,367
Cambrics and lawns . . . . .	..	..	154	468	..	..	..	..	..	..
Printers . . . . .	..	..	36,957	164,924	22,266	96,233	..	..	1,068	7,000
Shirtings and longcloth	820,470	5,221,183	458,019	2,153,008	730,432	3,649,831	454,448	2,635,038	528,700	2,684,787
T-cloth, domestics and sheetings	296,876	1,739,608	346,155	2,062,617	620,689	3,877,541	1,128,645	6,806,931	767,259	4,313,169
Tent cloth	40	120	343,987	1,609,338	16,776	95,120	1,261	5,691	..	..
Other sorts	51,048	210,796	561,812	6,881,450	59,914	313,706	86,067	474,445	25,299	146,108
TOTAL	1,804,188	7,763,884	2,731,562	10,230,919	2,733,156	13,790,506	2,727,699	15,234,569	2,570,505	14,765,455
<i>Coloured piece goods</i>	38,243	146,912	77,600	366,126	83,273	378,090	55,419	313,281	53,988	311,742
<i>Grey and coloured goods other than piece goods</i> . . . . .	..	..	..	..	..	..	..	..	..	..
<i>Hosiery</i> . . . . .	..	..	..	..	..	..	..	..	..	..
<i>Miscellaneous</i>	91,642	..	52,116	..	60,200	..	20,995	..	31,652	..
TOTAL	1,934,078	7,910,796	2,861,278	10,596,945	2,876,631	14,169,596	2,804,313	15,547,850	2,656,155	15,077,197

(a) Excludes figures for a mill which started work in 1909-10

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

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey and bleached piece goods—</i>										
Chadars	270,363	662,347	268,234	628,121	377,028	876,801	218,465	497,734	274,700	957,874
Dhutis	3,086,762	13,569,461	3,384,944	15,265,698	3,935,698	18,458,089	3,225,767	16,838,456	2,847,612	15,584,017
Drills and jeans	379,071	1,166,093	522,254	1,598,991	361,963	1,057,582	391,603	1,025,826	311,792	853,870
Cambrics and lawns	12,198	84,167	10,663	57,982	437	2,662	240	1,565	305	1,988
Printers	63,489	301,748	38,628	165,635	65,798	270,598	36,311	235,192	61,129	472,535
Shirtings and longcloth	1,779,632	8,291,362	2,469,141	9,733,623	2,711,493	9,848,050	2,290,254	10,195,609	1,489,555	7,559,821
T-cloth, domestics, and sheetings	1,842,668	6,635,702	1,422,406	4,876,143	1,647,926	5,696,560	1,549,892	5,015,327	2,616,793	9,178,557
Tent cloth	1,126,208	3,226,140	1,134,407	3,271,086	1,167,766	3,375,746	1,414,105	3,937,112	1,384,416	3,788,759
Other sorts	117,758	389,668	132,115	329,205	264,216	924,553	355,579	1,223,544	216,196	737,752
TOTAL	6,650,149	34,346,638	9,382,312	36,056,984	10,342,344	40,510,541	9,476,236	36,969,255	9,204,498	39,145,188
<i>Coloured piece goods</i>	28,894	143,314	32,096	161,726	58,352	250,109	57,160	276,871	63,711	362,165
<i>Grey and coloured goods other than piece goods</i> { Doz.	134,753	..	157,169	..	165,241	..	290,058	..	182,938	..
<i>Hosiery</i> { Doz.	42,626	..	47,113	..	53,276	..	79,383	..	55,076	..
<i>Miscellaneous</i> . . . . .	..	..	..	..	..	..	..	..	1,950	..
<i>Miscellaneous</i>	16,730	..	25,057	..	37,000	..	22,549	..	28,804	..
TOTAL { Doz.	6,892,526	34,492,402	9,597,134	36,218,710	10,798,937	40,760,650	9,756,033	30,246,126	9,451,699	39,507,288
	42,626	..	47,113	..	53,276	..	79,383	..	55,076	..

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 INDIA in each year from 1907-08 to 1911-12—continued

BRITISH INDIA—continued
PUNJAB

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey and bleached piece goods—</i>										
Chadars	27,575	77,080	42,914	115,240	11,012	30,637	25,610	55,128	146,927	324,202
Dhutis	209,275	631,123	102,528	454,774	124,358	348,044	183,099	572,057	109,334	322,489
Drills and Jeans	281	881	19	..	129	307	1,640	4,057	7,005	20,058
Cambrics and lawns	165	404	..	..	84	425	30	150	199	1,730
Printers . . . . .	..	..	..	..	..	..	..	..	..	..
Shirtings and longcloth	18	110	9	24	4,428	9,582	13,801	28,303	42,540	101,824
T—cloth, domestics, and sheetings	97,394	303,400	105,701	317,601	77,039	220,088	104,736	333,772	228,207	1,052,973
Tent cloth	2,330	5,094	1,503	4,740	1,198	10,108	2,015	4,502	13,734	33,475
Other sorts	97,128	182,127	133,332	271,761	94,565	182,612	31,206	69,513	50,717	103,752
TOTAL	431,104	1,204,133	451,489	1,166,364	318,413	811,003	363,127	1,058,812	598,742	1,960,591
<i>Coloured piece goods</i>	27,084	64,736	28,320	73,928	21,894	55,234	45,429	123,572	56,407	102,666
<i>Grey and coloured goods other than piece goods</i> { Doz.	3,482	..	12,750	..	4,941	..	2,406	..	3,991	..
<i>Hosiery</i> { Doz.	2,067	..	5,870	..	2,111	..	631	..	1,907	..
<i>Miscellaneous</i>	1,500	..	9,208	..	6,352	..	8,048	..	12,580	..
TOTAL { Doz.	463,770	1,203,869	501,851	1,240,312	346,641	807,137	419,012	1,182,384	671,220	2,063,256
	2,067	..	5,870	..	2,112	..	631	..	1,907	..

CENTRAL PROVINCES and BERAR

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey and bleached piece goods—</i>										
Chadars	374,845	1,230,572	386,372	1,065,675	525,503	1,550,612	805,324	2,316,497	895,177	2,319,395
Dhutis	2,030,328	8,069,081	2,280,634	9,640,818	2,480,235	9,097,357	2,743,071	11,327,275	3,067,333	12,355,061
Drills and Jeans	933,136	3,795,547	1,208,004	5,123,700	1,218,911	4,619,044	1,447,930	4,867,569	1,522,613	5,443,641
Cambrics and lawns	4,509	33,780	11,610	95,390	8,510	57,029	35,032	118,044	69,929	225,638
Printers	345,404	1,015,033	278,391	1,276,808	339,911	1,785,504	540,208	2,501,598	617,430	2,058,089
Shirtings and longcloth	771,213	3,104,940	848,086	3,340,056	1,175,118	4,558,752	1,770,359	7,361,025	1,876,041	7,764,467
T—cloth, domestics, and sheetings	511,430	2,729,021	540,188	2,734,968	606,573	2,762,142	618,800	2,975,783	718,428	3,656,025
Tent cloth	247,409	549,751	210,749	453,479	103,861	399,778	214,374	441,870	161,843	362,062
Other sorts	480,704	1,508,077	419,820	1,355,540	601,733	2,043,448	634,271	1,682,618	401,746	1,461,379
TOTAL	5,685,981	23,690,702	6,202,763	25,092,224	7,240,350	27,758,056	8,807,044	33,635,217	9,330,540	36,540,167
<i>Coloured piece goods</i>	2,005,624	8,341,631	2,630,522	10,548,753	3,044,050	11,327,069	2,366,618	8,903,622	2,623,945	9,821,148
<i>Grey and coloured goods other than piece goods</i> { Doz.	17,827	..	19,604	..	16,652	..	20,607	..	25,068	..
<i>Hosiery</i> { Doz.	7,535	..	6,085	..	6,232	..	5,029	..	8,623	..
<i>Miscellaneous</i>	1,320	..	516	..	448	..	1,076	..	572	..
TOTAL { Doz.	7,770,752	31,832,333	8,922,405	35,635,077	10,305,106	39,085,025	11,108,745	42,538,839	11,081,034	46,370,316
	7,535	..	6,085	..	6,232	..	5,029	..	8,623	..

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 INDIA in each year from 1907-08 to 1911-12—continued

TOTAL BRITISH INDIA—*included*

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey and bleached piece goods—</i>										
Chadars	14,770,120	41,751,009	12,536,749	37,707,691	17,145,223	49,312,669	18,458,772	4,267,972	21,781,029	66,417,451
Dhotis	45,977,971	227,128,816	44,003,687	222,743,360	46,093,580	235,116,674	48,138,165	37,738,379	53,139,511	255,822,588
Drills and jeans	5,904,761	21,546,841	6,510,668	24,682,621	6,123,800	22,225,106	7,272,510	25,866,978	7,499,002	27,288,475
Cambrics and lawns	491,776	3,151,995	424,006	2,759,000	581,659	4,021,642	542,742	4,013,601	979,577	6,324,926
Fritters F.	5,184,207	24,384,873	4,968,281	23,075,570	6,618,559	29,950,600	6,679,093	31,038,753	5,226,932	24,839,451
Shirtings and longcloth	46,464,095	201,309,945	47,401,198	201,510,711	55,006,142	232,939,515	63,454,833	274,477,531	69,447,175	304,620,662
T-cloth, domestics, and sheetings	23,111,498	111,191,978	23,539,216	113,714,140	27,854,839	128,528,441	26,943,388	124,418,876	27,156,897	125,542,943
Tent cloth	2,509,491	6,051,920	2,887,158	7,674,765	2,270,942	5,737,208	2,387,092	5,946,197	2,466,671	6,041,612
Cloth at sorts	3,484,891	13,534,572	4,452,083	21,121,704	4,759,852	16,388,827	5,057,413	20,585,520	4,979,283	20,822,112
TOTAL	147,568,175	650,052,009	147,243,046	654,959,671	167,341,405	726,128,172	178,934,904	777,943,907	192,977,167	837,721,420
<i>Coloured piece goods</i>	31,170,048	128,131,748	34,831,292	138,170,977	45,878,220	189,935,416	49,892,583	203,308,514	57,104,742	241,239,333
<i>Grey and coloured goods</i>	1,815,478	—	1,591,937	—	1,691,436	—	1,587,915	—	1,599,727	—
<i>More than piece goods, Doz.</i>	408,913	—	400,300	—	427,185	—	484,840	—	414,553	—
<i>Knitrics</i>	497,627	—	387,904	—	437,679	—	464,209	—	364,621	—
<i>Doz.</i>	270,663	—	242,423	—	266,979	—	285,885	—	228,489	—
<i>Miscellaneous</i>	187,276	—	109,427	—	112,309	—	71,366	—	85,949	—
TOTAL { <i>Doz.</i>	161,269,219	778,163,757	184,163,666	773,160,846	215,491,435	910,068,688	230,861,277	931,252,511	232,126,207	1,078,960,758
	734,681	—	642,729	—	694,164	—	770,220	—	648,342	—

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 INDIA in each year from 1907-08 to 1911-12—concluded

NATIVE STATES and FOREIGN TERRITORY

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey and bleached piece goods—</i>										
Chadars	452,071	1,074,801	427,548	1,057,770	655,398	1,728,039	651,646	1,821,270	746,141	1,750,911
Dhutis	2,370,028	10,770,876	2,407,024	11,134,775	3,117,059	14,356,672	3,308,067	15,507,002	2,837,425	12,631,817
Drills and jeans	8,110	25,746	7,376	25,111	10,294	61,419	68,149	217,117	89,862	282,731
Cambrics and lawns	30	240	..	..	6,134	[56,225	10,203	86,863	50	596
Printers	521,100	2,358,747	697,503	3,109,956	696,675	3,051,978	537,340	2,429,829	330,619	1,650,331
Shirtings and longcloth	1,543,330	6,017,398	1,232,526	4,803,391	2,841,847	11,956,530	3,102,034	13,090,404	2,145,014	6,482,678
T-cloth, domestics, and sheetings	2,322,130	9,123,030	2,677,507	10,126,714	3,162,889	12,064,144	4,033,013	15,018,743	4,410,293	16,563,614
Tent cloth	40,364	134,920	7,605	18,690	18,687	42,606	6,330	21,828	6,730	20,109
Other sorts	209,795	591,285	207,138	705,280	742,009	2,071,277	1,040,058	8,059,055	1,347,933	4,407,316
TOTAL	7,485,054	29,994,812	7,754,225	30,981,687	11,260,589	45,388,980	12,860,739	51,252,810	11,923,976	46,659,100
<i>Coloured piece goods</i>										
Grey and coloured goods	64,398	247,992	93,121	346,629	1,769,047	8,416,014	1,083,611	10,230,332	2,440,489	11,531,647
other than piece goods			7,947	12,801	9,725	12,464				
Hosiery	228,849	Doz.	1,290	1,595	1,241	1,849	159,580	132,085	44,989	44,989
Miscellaneous			5,809	131,260	142,983	1	86			
TOTAL	7,782,510	30,242,804	8,201,091	31,328,316	13,362,823	53,805,894	14,953,508	61,489,142	14,518,949	57,190,837

GRAND TOTAL, INDIA

Description	1907-08		1908-09		1909-10		1910-11		1911-12	
	pounds	yards	pounds	yards	pounds	yards	pounds	yards	pounds	yards
<i>Grey and bleached piece goods—</i>										
Chadars	14,022,191	42,825,960	13,294,297	38,765,461	17,800,821	51,040,028	19,110,419	50,089,251	22,527,170	68,177,362
Dhutis	48,357,899	237,899,892	46,500,711	233,878,135	60,111,326	249,573,656	61,466,232	253,245,981	50,276,038	208,460,405
Drills and jeans	5,912,271	21,572,587	6,518,044	24,708,032	6,143,094	22,083,525	7,340,659	25,604,005	7,587,954	27,597,206
Cambrics and lawns	491,806	3,152,235	424,006	2,759,000	579,793	4,087,897	553,035	4,170,554	979,536	6,325,522
Printers	5,705,397	26,743,620	5,685,784	26,185,535	7,310,234	33,062,838	7,517,342	33,468,582	5,557,551	26,398,782
Shirtings and longcloth	48,007,431	207,327,313	48,638,724	209,314,102	57,847,980	244,806,045	66,597,767	287,593,125	71,593,089	313,053,337
T-cloth, domestics, and sheetings	25,433,828	120,316,017	26,216,023	123,840,854	31,017,527	140,592,585	30,997,290	139,437,519	31,576,190	142,106,557
Tent cloth	2,558,855	6,184,540	2,894,763	7,093,455	2,208,629	5,779,904	2,396,422	5,968,024	2,475,401	6,062,011
Other sorts	3,094,656	14,125,857	31,859,219	121,826,984	5,501,871	20,460,104	6,067,471	23,644,070	6,327,216	25,229,428
TOTAL	155,084,129	680,046,821	154,097,271	685,971,558	178,601,904	771,517,152	191,735,943	829,196,807	214,901,143	883,380,610
<i>Coloured piece goods</i>										
Grey and coloured goods	33,050,539	128,370,740	34,024,413	138,517,006	47,638,173	192,352,330	51,786,494	213,544,946	50,554,232	252,770,980
other than piece goods			1,699,884	1,704,527	1,607,640	1,606,101				
Hosiery	724,476	Doz.	401,596	482,780	485,576	410,702	623,729	497,006	273,478	85,594
Miscellaneous			240,887	255,292	71,367					
TOTAL	180,051,720	808,426,561	192,364,097	824,489,164	228,824,078	963,869,482	245,814,873	1,042,741,053	266,044,256	1,136,151,590

(a) Represents quantity produced in mills in British India only

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; also the AMOUNT of EQUIVALENT DUTY levied in the NATIVE STATES; in each year from 1895-96 to 1911-12

	Bombay	Madras	Bengal	United Provinces of Agra and Oudh (also Ajmer-Merwara)	Punjab	Central Provinces and Berar (a)	TOTAL BRITISH INDIA		Native States	GRAND TOTAL	
							Gross duty	Net duty		Gross duty	Net duty
1895-96 (b)	198	496	69	4,259	615	..	5,635	5,635	244	5,879	5,879
1896-97	1,14,480	54,300	4,480	45,870	13,270	89,040	11,23,440	10,91,500	18,459	11,41,899	11,10,049
1897-98	9,00,600	66,470	1,180	44,350	14,460	79,269	11,60,329	11,38,950	47,835	12,14,164	11,86,785
1898-99	11,26,390	89,130	900	61,000	15,730	84,969	13,75,119	13,53,120	52,188	14,27,305	14,05,306
1899-1900	10,95,236	88,678	2,523	54,818	10,448	88,109	13,39,812	13,09,614	40,937	13,80,749	13,50,451
1900-01	10,28,542	41,527	5,038	50,116	5,806	84,978	12,16,307	11,62,947	48,449	12,64,756	12,11,396
1901-02	15,26,103	54,139	5,863	60,234	4,370	1,10,140	17,69,908	17,16,838	61,171	18,31,079	17,77,965
1902-03	15,84,121	67,813	6,005	74,023	3,031	1,30,620	18,66,213	18,25,469	65,541	19,31,754	18,91,016
1903-04	17,64,527	82,350	10,908	89,189	1,104	1,56,371	20,77,449	20,36,104	59,061	21,36,510	20,95,149
1904-05	20,43,832	65,379	11,929	96,710	2,607	1,61,368	23,61,825	23,33,636	67,320	24,40,145	24,06,976
1905-06	22,78,423	1,10,943	11,165	1,32,364	5,144	1,68,743	27,06,784	26,71,061	83,455	27,90,239	27,54,516
1906-07	24,36,255	1,32,693	23,709	1,35,834	7,464	1,64,680	29,00,505	28,64,292	81,976	29,82,671	29,46,152
1907-08	25,82,296	1,35,181	31,556	1,60,044	6,748	1,75,944	33,90,717	33,55,949	97,499	34,97,216	34,53,443
1908-09	29,51,859	1,42,286	53,351	1,85,345	9,509	1,98,419	35,43,778	34,98,430	1,16,498	36,38,276	36,12,977
1909-10	33,88,658	1,45,333	65,822	1,92,552	6,611	2,17,217	40,06,198	39,61,020	1,37,699	41,43,692	40,93,719
1910-11	39,78,555	1,48,136	56,359	1,82,083	7,300	2,07,918	42,80,251	42,26,575	1,75,878	44,56,159	44,01,707
1911-12	42,17,869	1,65,048	48,631	1,84,653	10,862	2,52,415	48,79,478	48,04,492	1,82,479	50,61,967	49,86,971

(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 75 TO 77)

(Compiled from special returns received from Local Governments)

The record of the jute industry, as disclosed by these tables, is one of uninterrupted progress, though the number of persons employed and of looms and spindles in operation showed a slight decrease in 1911-12, as compared with the preceding year. The following statement shows quinquennial averages from the earliest year for which complete information is available with actuals for the last three years; 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.

	Number 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)	270.7 (100)	38.8 (100)	5.5 (100)	83 (100)
1884-85 to 1888-89	21 (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 (149)	522.1 (193)	86.7 (223)	11.7 (213)	244.8 (278)
1899-1900 to 1903-04	30 (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)
1910-11	58 (276)	1,150 (425)	216.4 (558)	33.1 (603)	682.5 (776)
1911-12	50 (281)	1,193 (441)	201.3 (519)	32.9 (598)	677.5 (770)

The production of the mills has increased to a still greater extent. The following figures show 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 1911-12 is nearly thirteen times as great as the average value of the exports in the period 1879-80 to 1883-84.

	Jute manufactures			Value in lakhs of Rs
	Gunny bags in millions of number	Gunny cloths in millions of yards		
1879-80 to 1883-84	54.9 (100)	4.4 (100)	124.9 (100)	
1884-85 to 1888-89	77 (140)	15.4 (350)	162.0 (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 (16,864)	1,442.7 (1,154)	
1909-10	364.4 (664)	940.1 (21,366)	1,709.6 (1,350)	
1910-11	360.9 (657)	955.3 (21,711)	1,699.4 (1,301)	
1911-12	289.8 (528)	871.5 (19,807)	1,600.6 (1,231)	

Up to the last quinquennium the exports of raw jute were marked by increases from year to year though the improvement was not so rapid as in the case of manufactures. A slight decrease in the exports occurred in 1909-10 as compared with the figures for the preceding quinquennial period and a further decline in 1910-11, but a marked recovery was made in 1911-12:—

	Jute, raw, in millions of cwt.	
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)	
1910-11	12.7 (169)	
1911-12	16.2 (216)	

The price of raw jute reached its highest point in 1906-07, the rate being Rs65 per bale; in 1907-08 it dropped to Rs42 per bale, and the fall was accentuated in 1908-09 and 1909-10 the price having declined to Rs36.4 and Rs31 per bale respectively. In 1910-11, the price rose again to Rs41.8-0 and further to Rs. 51.4-0 in 1911-12. The following are the quinquennial average prices per bale (400 pounds) of ordinary jute calculated from the prices 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 (90)
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	31	0 0 (132)
1910-11	41	8 0 (177)
1911-12	51	4 0 (218)

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 (98)
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)
1910-11	9	5 6 (89)
1911-12	11	14 0 (113)

JUTE MILLS

No. 1

ABSTRACT STATEMENT of the PROGRESS of JUTE MILLS from 1879-80 to 1911-12

	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 £1,667,000 }	49,015	6,911	135,593
1887-88	25	{ R1,28,75,000 £1,757,000 }	56,007	7,389	146,202
1888-89	25	{ R1,26,25,000 £1,757,000 }	58,805	7,419	151,207
1889-90	26	{ R1,26,45,000 £1,767,000 }	59,541	7,704	156,866
1890-91	26	{ R1,37,50,000 £1,767,000 }	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 £1,691,358 }	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 £2,263,358 }	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
1910-11	58	{ R7,13,05,000 £2,913,358 }	216,390	33,169	682,527
1911-12	59	{ R7,34,55,000 £3,051,358 }	201,324	32,927	677,519

DETAILED STATEMENT of JUTE MILLS worked by STEAM in INDIA in the official year 1911-12

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
BENGAL—											
24-PARGANAS—											
Baliaghata	4	₹475,000.	₹475,000	₹100,000	2,044	42,348	7,000	2,367	720	740	11,427
Bally, Baranagore—North and South											
Budge-Budge	1	27,00,000	25,97,600	...	814	18,184	5,010	475	295	800	6,640
Dakhindhari	1	32,00,000	32,00,000	15,00,000	870	18,432	2,955	514	...	512	3,981
Garden Reach	3	69,80,000	69,80,000	28,00,000	1,813	28,242	4,425	985	320	382	6,112
Garifa	1	60,00,000	38,50,000	16,00,000	1,255	23,302	5,052	1,361	1,041	991	8,445
Garulia	2	₹250,000	₹250,000	...	943	19,594	4,154	1,383	593	176	6,208
Hazinagore	1	20,00,000	13,50,000	7,50,000	480	8,614	1,790	270	183	70	2,318
Jagatdal	4	65,00,000	64,43,600	39,00,000	1,648	33,384	6,775	1,548	349	750	9,422
Joychandipur	1	15,00,000	15,00,000	7,00,000	340	7,664	2,630	198	510	31	3,367
Kamarhatti	2	32,00,000	32,00,000	20,00,000	1,027	20,984	5,478	1,020	416	121	7,033
Kanknarah	5	{ ₹67,00,000	{ ₹67,00,000	{ ₹122,00,000	4,047	74,942	14,555	3,314	861	1,638	20,308
		{ ₹385,000	{ ₹335,000	{ ₹205,000							
Khardah	2	54,00,000	45,00,000	16,00,000	1,370	20,120	5,231	1,814	1,212	1,251	9,508
Saldah and Badertola	2	18,00,000	18,00,000	25,00,000	1,175	23,180	4,557	873	387	538	6,410
Soorah	1	7,00,000	7,00,000	...	175	3,904	748	223	89	112	1,172
Titagar	5	{ ₹69,00,000	{ ₹64,00,000	{ ₹31,00,000	3,522	73,076	14,925	4,094	3,245	1,402	23,666
		{ ₹450,000	{ ₹450,000	{ ...							
TOTAL, 24-PARGANAS	35	{ ₹5,15,80,000	{ ₹4,83,21,200	{ ₹2,21,50,000	20,973	425,460	35,883	20,442	10,226	9,624	126,175
		{ £1,510,000	{ £1,510,000	{ £305,000							
HOOGHLY—											
Champdani and Risbra	5(a)	{ ₹53,00,000	{ ₹38,00,000	{ ₹19,00,000	2,486	53,341	11,910	3,400	1,831	1,516	18,666
		{ ₹637,000	{ ₹637,000	{ ...							
Chandernagore	1	₹71,358	₹71,358	₹71,358	354	7,144	1,554	444	...	283	2,281
Scrapore	2	₹145,000	₹145,000	...	1,000	21,432	3,200	912	440	569	5,121
Telniipara	1	₹350,000	₹350,000	...	1,053	22,976	4,475	1,282	625	712	7,094
TOTAL, HOOGHLY	9	{ ₹53,00,000	{ ₹38,00,000	{ ₹19,00,000	4,893	104,953	21,139	6,047	2,896	3,080	33,162
		{ £1,203,358	{ £1,203,358	{ £71,358							

(a) Represent capital of 4 mills

No. 2—continued

DETAILED STATEMENT of JUTE MILLS worked by STEAM in INDIA in the official year 1911-12—continued

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
BENGAL—continued											
HOWRAH—											
Dowra	1	15,00,000	15,00,000	10,00,000	432	2,472	2,452	72	—	397	2,921
Fort Gloster and Jagdial	3	28,00,000	28,00,000	10,00,000	1,100	23,648	5,637	733	—	626	6,996
Ghoosery	1	7,00,000	7,00,000	6,15,500	586	12,050	2,679	687	—	29	3,395
Rajganj	1	10,00,000	10,00,000	7,00,000	611	12,128	2,474	398	—	488	3,355
Ramkrishnopol	1	43,75,000	43,75,000	20,00,000	1,550	32,000	5,357	1,405	—	919	7,681
Sankrail	2	33,00,000	33,00,000	15,00,000	1,610	22,032	5,924	548	—	718	7,180
Sibpur	4	{ R24,00,000 £340,000	{ R24,00,000 £130,536	{ R12,00,000 £50,000	1,538	32,744	6,473	1,713	—	471	8,657
TOTAL, HOWRAH	13	{ R1,60,75,000 £340,000	{ R1,60,75,000 £130,536	{ R50,15,500 £50,000	6,327	142,074	30,996	5,551	—	3,648	40,195
TOTAL, BENGAL	{ 1911-12 1910-11 1909-10	{ R7,29,55,000 £3,053,358 R7,08,05,000 £2,913,358 R7,08,05,000 £2,913,358	{ R6,31,96,200 £2,543,894 R6,06,96,200 £2,853,894 R6,60,46,200 £2,853,894	{ R3,20,65,500 £428,358 R3,10,23,500 £425,758 R3,01,90,500 £426,358	{ 32,693 32,935 31,110	{ 672,487 677,495 638,992	{ 138,018 140,314 135,012	{ 32,040 33,762 32,417	{ 13,122 19,643 14,374	{ 16,354 20,788 20,455	{ 199,532 214,507 202,258
UNITED PROVINCES OF AGRA AND OUDH—											
Cawnpore	{ 1911-12 1910-11 1909-10	{ (b) 1 (c) 1,00,000	{ (a)	{	{ (c) 74	{ (c) 1,338	{	{	{	{	{
MADEAS—											
Chittivalasa (Vizagapatam)	1	(a)	(a)	(a)	154	3,328	918	184	—	61	1,163
Ellore (Kistna)	1	5,00,000	4,48,500	—	80	1,704	378	157	—	94	629
TOTAL, MADRAS	{ 1911-12 1910-11 1909-10	{ 5,00,000 5,00,000 5,00,000	{ 4,48,500 4,48,500 4,48,500	{	{ 234 234 234	{ 5,032 5,032 5,032	{ 1,296 1,262 1,247	{ 341 328 284	{ ... 152 ...	{ 155 293 163	{ 1,792 1,893 1,846
GRAND TOTAL	{ 1911-12 1910-11 1909-10	{ R7,34,55,000 £3,053,358 R7,13,05,000 £2,913,358 R7,14,05,000 £2,913,358	{ R6,86,44,700 £2,543,894 R6,71,44,700 £2,853,894 R6,64,94,700 £2,853,894	{ R3,20,65,500 £426,358 R3,10,23,500 £425,758 R3,01,90,500 £426,358	{ 32,927 33,169 31,418	{ 677,519 682,527 645,862	{ 139,314 141,576 136,259	{ 32,381 34,090 32,701	{ 13,122 19,643 14,526	{ 16,507 21,081 20,613	{ 201,324 216,390 204,104

(a) Not stated
(b) Under liquidation
(c) Figures for 1908-09

PAPER MILLS

[TABLES 1 AND 2, PAGES 79 TO 82]

(Compiled from special official returns)

The number of paper mills in India in 1911 was nine, three in Bengal, four in the Bombay Presidency, one in the United Provinces, and one in the Gwalior State. The estimated capital of these mills was about R54 lakhs. The value of the output reported rose to R81·5 lakhs in 1910, the highest on record, but fell slightly to 80 lakhs in 1911. Two of the mills, however, did not work in the year under review.

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 1907 the value of the paper manufactured in India and that of imported paper were R73 lakhs and R94 lakhs respectively. In 1911 the corresponding figures were R80 and R109·5 lakhs, the value of the imports having increased in the meantime by 16 per cent, while the internal production has increased by 10 per cent only.

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

		Produced in Indian mills	Imported
		R	R
1907	. . . . .	72,90,385	94,34,865
1908	. . . . .	75,87,267	94,25,025
1909	. . . . .	79,11,943	1,00,02,075
1910	. . . . .	81,51,537	1,10,05,830
1911	. . . . .	80,04,482	1,00,62,900

PAPER MILLS

No. 1

ABSTRACT STATEMENT of the PROGRESS of PAPER MILLS in INDIA from 1887 to 1911

	BRITISH INDIA				
	NUMBER OF MILLS AT WORK	NOMINAL CAPITAL EMPLOYED AS FAR AS KNOWN	DAILY AVERAGE NUMBER OF PERSONS EMPLOYED	Production	
				Quantity	Value
		R		lb	R
1887	0	28,68,000	1,455	15,520,264	23,06,440
1888	0	28,68,000	1,437	17,048,941	24,70,711
1889	0	31,68,000	1,493	17,919,530	26,25,795
1890	0	31,68,000	1,585	18,228,343	29,88,747
1891	7	38,69,000	1,858	23,375,752	37,00,182
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	68,71,159
1897	7	56,72,000	3,522	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	64,22,000	4,371	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	46,654,883	[64,38,319
1903	8	{ 41,00,000 £122,200 }	{ 4,523	43,633,870	59,14,799
1904	7	{ 43,00,000 £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	53,886,767	71,24,268
1908	8	50,35,000	4,784	55,351,540	74,25,057
1909	8(a)	50,35,000	4,645	55,452,980	77,52,327
1910	8(a)	50,35,000	4,804	58,888,907	81,37,537
1911	8(a)	50,35,000	4,632	59,441,002	80,04,482

(a) One of the mills did not work

No. 1—continued

ABSTRACT STATEMENT of the PROGRESS of PAPER MILLS in INDIA from 1887 to 1911—continued

	NATIVE STATES				
	NUMBER OF MILLS AT WORK	NOMINAL CAPITAL EMPLOYED AS FAR AS KNOWN	DAILY AVERAGE NUMBER OF PERSONS EMPLOYED	PRODUCTION	
				Quantity	Value
		₹		lb	₹
1887	1	0,00,000	200	1,508,000	2,80,000
1888	1	6,00,000	250	1,314,724	2,13,720
1889	1	6,00,000	344	1,744,900	2,06,565
1890	1	6,00,000	500	2,220,736	3,00,000
1891	1	6,00,000	775	2,074,940	4,20,212
1892	1	6,00,000	470	2,241,934	2,87,060
1893	1	6,00,000	384	1,482,000	2,05,255
1894	1	6,00,000	•	•	•
1895	1	6,00,000	•	•	•
1896	1	6,00,000	•	•	•
1897	1	6,00,000	•	•	•
1898	1	6,00,000	•	•	•
1899	1	6,00,000	•	•	•
1900	1	6,00,000	•	•	•
1901	1	6,00,000	•	•	•
1902	1	6,00,000	•	•	•
1903	1	6,00,000	•	•	•
1904	1	6,00,000	•	•	•
1905	1	6,00,000	•	•	•
1906	1	3,00,000	270	329,840	40,852
1907	1	3,00,000	242	1,328,036	1,06,117
1908	1	3,50,000	175	1,473,920	1,01,210
1909	1	3,50,000	145	1,402,720	1,58,016
1910	1	3,50,000	110	112,000	14,000
1911	1	3,50,000	•	•	•

* Not worked

No. 1—concluded

ABSTRACT STATEMENT of the PROGRESS of PAPER MILLS in INDIA from 1887 to 1911—concluded

	TOTAL, INDIA				
	NUMBER OF MILLS AT WORK	NOMINAL CAPITAL EMPLOYED AS FAR AS KNOWN	DAILY AVERAGE NUMBER OF PERSONS EMPLOYED	PRODUCTION	
				Quantity	Value
		R		lb	R
1887	7	34,08,000	1,655	17,094,204	25,86,446
1888	7	34,08,000	1,687	18,363,665	26,84,431
1889	7	37,68,000	1,837	19,664,490	28,92,360
1890	7	37,68,000	2,085	20,447,079	32,88,747
1891	8	44,68,000	2,033	26,050,692	41,20,394
1892	8	49,22,000	2,465	26,451,549	38,73,619
1893	8	49,22,000	3,157	29,359,828	43,29,907
1894	9	61,22,000	3,544	34,231,577	59,39,242
1895	9	62,72,000	3,594	39,927,687	60,86,330
1896	8	62,72,000	3,613	40,707,589	58,71,159
1897	8	62,72,000	3,532	38,581,703	56,82,161
1898	8	62,72,000	4,187	42,181,500	61,06,459
1899	8	67,72,000	4,436	44,428,440	62,40,905
1900	8	70,22,000	4,871	45,940,561	62,51,748
1901	9	73,20,000	4,978	46,713,125	65,83,724
1902	8	73,20,000	4,865	46,654,883	64,38,319
1903	9	{ 47,00,000 1122,200 }	4,523	43,633,870	59,14,799
1904	8	{ 49,00,000 1122,200 }	4,206	45,097,802	61,49,446
1905	7	54,15,000	4,012	44,140,157	51,86,729
1906	8	51,15,000	4,691	47,482,853	63,10,940
1907	8	53,35,000	5,201	55,215,703	72,90,385
1908	9	53,85,000	4,959	56,825,410	76,87,267
1909	9	53,85,000	4,790	56,915,700	79,11,943
1910	9	53,85,000	4,720	59,000,907	81,51,537
1911	9	53,85,000	4,032	59,441,002	80,04,482

No. 2

DETAILED STATEMENT of the PAPER MILLS in INDIA on the 31st December 1911

LOCALITY	NAMES OF MILLS	WHEN ESTABLISHED	CAPITAL OF JOINT-STOCK COMPANIES (N = NOMINAL P = PAID-UP D = DEBENTURE)	AVERAGE DAILY NUMBER OF PERSONS EMPLOYED	PRODUCTION		DESCRIPTION OF PAPER
					Quantity	Value	
BENGAL—							
Titagarh . . .	Titagarh No. I . . .	1882	{ N. 26,00,000 P. 25,85,000 D. 10,00,000 }	1,423	}	}	Blotting, cream-coloured cartridge, E and T.S. writing, wt printing, badami, bro and super-calende writing
Kankarna (24-Par-ganes)	Titagarh No. II* . . .	1903		1,256			
Raniganj . . .	Bengal	1890		1,093			
TOTAL FOR BENGAL			{ N. 32,00,000 P. 31,85,000 D. 15,07,650 }	3,682	49,040,565	65,55,170	
UNITED PROVINCES OF AURA AND OUDH—							
Lucknow . . .	Upper India Couper	1879	{ N. 8,00,000 P. 8,00,000 }	671	7,878,980	10,58,067	Brown, badami, wh printing, blotting, cre laid, white cartrid, Govt. stamp paper, a H. B. A. laid, etc.
BOMBAY—							
Island of Bombay	Girgaum	1862	{ N. 2,00,000† P. 2,09,000 }	50	—	—	Brown packing pap white, unglazed paper
Surat	Mahamadbbai Jamal-uddin	1878	{ N. 35,000† P. 35,000 }	30	—	—	Country white paper
	Goekwar	1897	{ N. 3,00,000 P. 31,405 }	(a)	—	—	
Poona	Reay	1885	{ N. 5,00,000 P. 4,09,135 }	199	—	—	Writing, printing, blottis brown, etc.
TOTAL FOR BOMBAY			{ N. 10,35,000 P. 7,65,540 }	279	2,522,357	3,91,245	
TOTAL FOR BRITISH INDIA			{ N. 50,35,000 P. 47,50,540 D. 15,07,650 }	4,632	59,441,002	80,04,482	
GWAJIOR STATE—							
Morar	Scindia	1906	{ N. 3,50,000 P. 3,50,000 }	(a)	—	—	
GRAND TOTAL			{ N. 53,85,000 P. 51,00,540 D. 15,07,650 }	4,632	59,441,002	80,04,482	

* Originally established in 1893 as the Imperial Paper Mills and r- established in 1903
 † Private Capital (a) Not worked

WOOLLEN MILLS

[TABLES 1 AND 2, PAGES 84 TO 87]

(Compiled from special official returns)

Of the five woollen mills now at work in India, one is in the Mysore State, and of the remaining four, three represent a paid-up capital of R38,50,000 (£256,667), while the capital of the fourth, a small private mill at Bombay, is not stated. Two of the mills, that at Cawnpore in the United Provinces, and that at Dhariwal in the Punjab, have between them a paid-up capital of 32 lakhs (£213,000) or 63 per cent of the whole, and produce 79 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 an increase during the year under review in the number of looms, the number of spindles remaining as in the preceding year. 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 was revealed by the statistics for 1908, and a further advance in output was recorded in 1909, though the total value showed a slight decrease. The improvement was maintained in 1910; indeed the output fell short of the record of 1905 only by the small margin of some 25,000 lbs. (6 per cent); the value for the year constituted a fresh record. The statistics for 1911 revealed a marked advance both in quantity and value and surpassed all previous records.

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
1907	34,12,879	2,62,24,800
1908	44,00,010	3,11,74,770
1909	43,25,200	2,01,84,930
1910	47,20,304	2,92,36,365
1911	51,03,640	3,45,43,401

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

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		B
1907	23,76,840	1910	24,54,945
1908	23,13,195	1911	24,47,655
1909	20,67,600		

WOOLLEN MILLS

. No. 1

COMPARATIVE STATEMENT of the PROGRESS of WOOLLEN MILLS in INDIA from 1887 to 1911

	BRITISH INDIA						
	NUMBER OF MILLS AT WORK	NOMINAL CAPITAL EMPLOYED	NUMBER OF			QUANTITY AND VALUE OF PRODUCTION	
			PERSONS EMPLOYED	LOOMS	SPINDLES	lb	R
1887	2	14,00,000	1,283	250	6,608	1,079,484	(a)6,00,139
1888	3	14,00,000	1,350	263	7,088	1,056,336	10,70,507
1889	1(b)	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	1,500,419	16,08,947
1892	4	25,50,000	2,860	506	16,430	1,605,000	20,41,026
1893	4	25,50,000	2,652	500	16,540	1,870,928	18,78,718
1894	4	25,50,000	2,730	501	16,728	1,632,990	17,78,394
1895	4	28,50,000	2,849	503	16,684	2,110,704	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	16,768	2,085,085	25,55,024
1898	3	38,50,000	2,677	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	570	21,418	2,712,629	28,09,778
1901	3	38,50,000	2,625	560	21,418	2,844,704	29,32,927
1902	3	38,50,000	2,557	624	23,806	2,148,368	24,59,650
1903	5	(c)38,89,000	2,816	633	23,806	2,226,722	26,91,105
1904	5	(c)40,25,000	3,197	692	24,521	2,794,545(d)	34,42,130
1905	5	(c)40,25,000	3,140	676	25,977	3,064,467	40,06,865
1906	5	(c)40,25,000	3,162	724	25,517	2,622,299	33,73,252
1907	5	(c)40,25,000	3,244	779	27,300	2,630,148	32,75,290
1908	4	(c)38,50,000	3,211	740	27,053	3,394,095	42,85,988
1909	4	(c)38,50,000	3,187	763	28,853	3,209,434	39,99,129
1910	4	(c)38,50,000	3,216	768	29,369	3,466,765	44,42,517
1911	4	(c)38,50,000	3,468	772	29,369	3,877,666	46,38,412

(a) Incomplete

(b) Two mills ceased to work

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

(c) Capital of four of the mills*

(e) Capital of three mills only

No. 1—continued

COMPARATIVE STATEMENT of the PROGRESS of WOOLLEN MILLS in India from 1887 to 1911—continued

	NATIVE STATES						
	NUMBER OF MILLS AT WORK	NOMINAL CAPITAL EMPLOYED	NUMBER OF			QUANTITY AND VALUE OF PRODUCTION	
			PERSONS EMPLOYED	LOOMS	SPINDLES	lb	R
1887	1	4,00,000	70	13	260	58,306	18,248
1888	1	4,00,000	83	12	260	88,304	38,659
1889	1	4,00,000	65	22	780	139,795	78,634
1890	1	4,00,000	140	22	780	199,019	1,11,948
1891	1	4,00,000	124	26	780	189,071	1,06,352
1892	1	4,00,000	101	26	780	158,190	1,03,941
1893	1	4,00,000	102	26	780	82,284	48,757
1894	1	4,00,000	46	28	500	124,652	77,907
1895	1	4,00,000	60	28	560	166,824	82,574
1896	1	4,00,000	175	28	560	262,444	1,14,819
1897	1	4,00,000	215	28	1,088	568,431	2,88,757
1898	1	6,00,000	207	38	1,088	503,019	2,51,590
1899	1	6,00,000	286	38	1,088	538,341	1,68,231
1900	1	6,00,000	290	44	1,568	694,333	2,16,970
1901	1	6,00,000	359	44	1,568	1,134,205	3,54,439
1902	1	6,00,000	297	45	1,430	1,135,950	3,54,984
1903	1	6,00,000	225	45	1,410	750,087	2,34,402
1904	1	6,00,000	271	45	1,410	744,155	2,32,548
1905	1	6,00,000	342	43	1,410	1,062,470	3,32,022
1906	1	6,00,000	240	35	1,588	194,991	1,08,556
1907	1	6,00,000	243	41	1,568	314,557	1,37,619
1908	1	6,00,000	300	46	1,568	20,768	1,14,022
1909	1	6,00,000	205	46	1,568	745,305	3,26,071
1910	1	12,00,000	226	40	1,836	634,941	2,77,787
1911	1	12,00,000	238	40	1,836	1,104,133	4,65,228

No. 1—concluded

COMPARATIVE STATEMENT of the PROGRESS of WOOLLEN MILLS in India from 1887 to 1911—concluded

	TOTAL INDIA						
	NUMBER OF MILLS AT WORK	NOMINAL CAPITAL EMPLOYED	NUMBER OF			QUANTITY AND VALUE OF PRODUCTION	
			PERSONS EMPLOYED	LOOMS	SPINDLES	lb	R
1887	4	18,00,000	1,353	263	6,868	1,137,880	(a)8,18,387
1888	4	18,00,000	1,433	275	7,348	1,144,700	11,09,168
1889	(b)2	10,00,000	985	279	7,868	781,669	6,59,329
1890	5	24,75,000	2,164	526	17,150	1,519,071	14 11,880
1891	5	26,50,000	2,560	532	17,210	1,749,490	17,75,299
1892	5	29,50,000	2,961	532	17,210	1,853,250	21,45,567
1893	5	29,50,000	3,054	526	17,320	1,953,212	19,27,475
1894	5	29,50,000	2,770	529	17,228	1,637,642	18,56,201
1895	5	32,50,000	2,929	531	17,244	2,286,528	25,63,603
1896	6	32,50,000	3,017	530	18,658	2,345,570	24,96,751
1897	5	33,00,000	3,030	548	19,856	2,653,516	28,43,781
1898	4	44,50,000	2,904	588	21,444	2,919,756	30,72,476
1899	4	44,50,000	2,852	578	22,506	2,512,955	24,57,043
1900	4	44,50,000	2,874	594	22,986	3,466,962	30,26,748
1901	4	44,50,000	2,984	594	22,986	3,978,909	32,57,268
1902	4	44,50,000	2,854	660	25,236	3,284,318	28,14,634
1903	6	(c)44,80,000	3,041	678	25,216	2,976,809	29,25,507
1904	6	(c)46,25,000	3,468	737	25,931	(d)3,508,700	30,74,678
1905	6	(c)46,25,000	3,491	719	27,387	4,126,937	44,28,887
1906	6	(c)46,25,000	3,402	759	27,105	3,827,290	34,81,895
1907	6	(c)46,25,000	3,487	820	28,868	2,944,705	34,12,879
1908	5	(e)44,50,000	3,511	786	29,221	3,415,763	44,00,010
1909	5	(e)44,50,000	3,392	809	30,421	3,954,739	43,25,200
1910	5	(e)50,50,000	3,442	808	31,205	4,101,706	47,20,304
1911	5	(e)50,50,000	3,706	812	31,205	4,781,799	51,03,640

(a) Incomplete
 (b) Two mills ceased to work
 (c) Capital of five of the mills
 (d) The quantity produced by one of the mills was not reported
 (e) Capital of four of the mills

No. 2

STATEMENT of the WOOLLEN MILLS in INDIA on the 31st December 1911

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--							
Cawnpore	Cawnpore Woollen Mills	1876	{ N.20,00,000 P.20,00,000 }	335	13,781	1,850	Blankets, greatcoat cloths, serges, broadcloths, tweeds, flannels, woollen and worsted materials including travelling rugs, puttis, knitting yarns, Berlin wool, braid, felt, and other kinds
PUNJAB--							
Dhariwal	New Egerton Woollen Mills	1880	{ N.12,00,000 P.12,00,000 }	317	9,364	1,110	Broadcloths, blankets of all kinds, greatcoat cloths (army and suiting), serges, flannels, shawls, travelling rugs, braid, Berlin wool, knitting yarns, worsted, hosiery including Cardigan jackets, jerseys, socks, choicets, belts, Balaclava caps, gloves, puttis, and comforters
BOMBAY--							
Island of Bombay .	Bombay Woollen Manufacturing Company's Mills	1888	{ N.6,50,000 P.6,50,000 }	120	6,224	447	Blankets, army cloths, knitting yarns, serges, travelling rugs, hosiery, jerseys, shawls, puttis, etc.
	Coronation Woollen Mill	1902	Private	--	--	52	Socks, jerseys, stockings, mittens, mail caps and Balaclava caps, baddis, etc.
	TOTAL FOR BOMBAY		{ N.6,50,000 P.6,50,000 }	120	6,224	499	
	TOTAL FOR BRITISH INDIA		{ N.38,50,000 P.38,50,000 }	772	29,369	3,468	
MYSORE STATE--							
Bangalore	Bangalore Woollen Cotton and Silk Mills	1886	{ N.12,00,000 P.10,00,000 }	40	1,836	238	Blankets, Horse clothing, rugs and camblis
	GRAND TOTAL, INDIA		{ N.50,50,000 P.48,50,000 }	812	31,205	3,706	

MINERAL PRODUCTION

[TABLES 1 TO 4, PAGES 91 TO 96]

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. Figures for mines situated in Native States and for mines not coming within the operation of the Indian Mines Act are furnished by the Director, Geological Survey of India. Details regarding the coal mining industry in India are given separately in section relating to Coal Mines (pages 97 to 125 of this part).

Gold.—The Governments of Mysore and Hyderabad furnish returns of the output of the mines in those States to the Political Residents by whom they are passed on to the Director-General of Commercial Intelligence. For the British Provinces and the States of Jammu and Kashmir, the figures are supplied by the Director, Geological Survey of India.

About 95 per cent of the total output of gold in 1911 was derived from the Kolar gold field in Mysore, the quantity won being 555,011 ounces, valued at Rs. 3,19,48,101. During the last decade the production of this mine reached its highest point in 1905 when 616,768 ounces were raised. In 1906 the quantity won was 565,203 ounces and this figure fell to 535,085 ounces in 1907. The figures for the later years reveal a small improvement. The Nizam's mine at Hutti in Hyderabad comes next, but at a respectable distance, to the Kolar gold field. Its output in 1911 was 13,726 ounces, valued at Rs. 7,81,057, or 2·4 per cent of the total output of Indian gold. This mine was opened in 1903, when 3,809 ounces of bar gold were won. The only other mine from which gold was raised in 1910 were those in the Dharwar district of Bombay and the Anantapur district of Madras. The Dharwar mines gave an output of 2,993 ounces in 1911 compared with 737 ounces in 1910 and 5,616 ounces in 1909. The Anantapur mines gave their first output of gold during the year 1910, the amount being 2,532 ounces, valued at Rs. 1,51,800. This increased in 1911 to 5,284 ounces valued at Rs. 3,12,525. Gold mining was carried on in the North Arcot district of Madras from 1893 till 1900, the highest yield (2,854 ounces) being obtained in the year 1898. 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 steadily increased from year to year and reached 8,445 ounces in 1909, but fell to 5,972 ounces in 1910 increasing again to 6,390 ounces in 1911. The small quantity of gold produced in the Punjab, 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 Punjab. 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 Punjab 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 reached a maximum of 187 million gallons in 1909 decreasing to 166 million gallons in 1911. 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 4½ million gallons in 1911. 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, and after a fall to 31½ million gallons in 1910 it rose to 50½ million gallons in 1911. Several of the islands off the Arakan coast are known to contain oil deposits, but their value is uncertain. About 20,000 gallons were obtained from the Eastern Barongo Island near Akyab, and about 37,000 gallons from Rainri Island in the Kyaukpyu district during 1911. Oil was struck at Minbu in 1910, the production for that year being 18,320 gallons, which increased to 632,458 gallons in 1911. 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 Punjab. The total output of the province in 1911 was 1,400 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.

MINERAL PRODUCTION—continued

The consumption of kerosene in India (excluding Burma) is rapidly increasing and has risen from about 79 million gallons in 1900-01 to 168 million gallons in 1911-12. 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 from 1909-10 Burma oil has regained its position. Taking the total consumption of 1900-01 as equal to 100, the following figures show the increase of consumption in the last twelve years. The figures in italics show for each year the percentage of the total oil consumed during the year supplied by Indian produce and imports of foreign oil, respectively :—

	Production (a)		Constg net Imports from Burma gals.	Net Imports from Foreign countries of foreign oil gals.	Exports by sea of Indian kerosene from India (excluding Burma) to foreign countries gals.	Supply available for consumption in India (excluding Burma) gals.	Index Number of column 6, taking the figures of 1900-01 as 100	Percentage of Indian oil consumed	Percentage of Foreign oil consumed
	Assam	Punjab(b)							
	gals.	gals.							
1	2	3	4	5	6	7	8	9	
1900-01	167,550	824	8,209,408	70,240,144	20	78,667,966	100	10.7	89.3
1901-02	156,740	797	13,462,881	88,053,678	8	101,674,088	120.2	13.4	86.6
1902-03	495,297	852	17,449,748	70,942,552	5	97,888,444	124.4	18.3	81.7
1903-04	1,189,790	789	35,204,692	68,664,350	165,016	104,894,605	133.3	34.5	65.5
1904-05	1,439,054	729	42,710,692	71,713,014	379,791	115,092,698	146.3	38	62
1905-06	1,433,480	655	47,159,290	48,494,359	4,738	97,083,054	123.4	50	50
1906-07	1,589,505	462	61,833,977	51,001,860	24,658	114,401,236	145.4	55.4	44.6
1907-08	1,484,728	536	64,555,819	62,995,053	11,639	129,025,395	164	51.2	48.8
1908-09	1,503,384	223	82,278,927	81,305,581	1,989	145,146,126	184.5	43.9	56.1
1909-10	1,580,191	382	81,272,761	62,626,105	11,105	145,462,334	184.9	57	43
1910-11	1,550,692	564	92,071,134	55,288,421	3,369	148,907,442	189.3	62.9	37.1
1911-12	2,142,340	742	87,763,663	78,378,735	448	168,285,041	213.9	53.4	46.6

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, which rose in 1907 to 7,274 tons, valued at R1,45,485, the highest on record, but fell to 1,737 tons, valued at R34,731 in 1910 rising to 3,804 tons valued at R76,080 in 1911. At present the ore is raised entirely for export. The opening up of the Mysore chromite deposits commenced in 1907 with an initial output of 11,029 tons, valued at R2,20,580. The production in 1909 was 4,925 tons valued at R29,550 but nothing was produced in 1910 and 1911 due to the continuance of low prices.

Diamonds.—Diamonds are produced in the mines of the Vindhyan belt, which stretches through the Central Indian States of Panna, Charkhari, Ajaigarh, and Bijawar. The production in this field was 44 carats, valued at R7,133, in 1911. In 1909, 111 carats were obtained from Banaganpalli, Madras, but the production in 1911 was insignificant, being 9 carats only. In 1910, 13 carats were obtained from Karnul district.

Graphite.—Mining for graphite still continues in the Travancore State, where the mineral occurs under geological conditions similar to those of the richer deposits being worked in Ceylon. The production in 1911, was 3,993 tons. Some 54 tons of the mineral were obtained from the Vizagapatam mine in Madras. The quality of the latter appears to be poor.

Iron-ore.—The production of the Tata Iron and Steel Co.'s mines in Maurbhanj (Orissa) appears in the statistics for the first time in 1911, the amount being 300,000 tons valued at R6,00,000. The Bengal Iron and Steel Works obtains its ores from Bengal and Chota Nagpur. Elsewhere in India, namely, in the Central Provinces, Madras, Central India, Hyderabad, Mysore, Rajputana, Burma, and the Punjab, operations are carried on on a very small scale for use in the small native furnaces. The value reported for the ore raised in Orissa, Chota Nagpur and Bengal works out to an average of R21 per ton. Elsewhere the reported values are higher, about R4 per ton.

Jadestone.—The substance which passes as jadestone is mainly the mineral jadeite, which occurs in an altered igneous dyke in serpentine in the Myitkyina district of Upper Burma and also in the form of boulders

(a) Figures relate to calendar years ending: 1911

(b) Estimated

MINERAL PRODUCTION—concluded

in a tertiary conglomerate and in alluvium. 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.

Lead and Silver.—The smelting of lead slags and lead ore at Bawdwin by the Burma Mines, Ltd., resulted in a production in 1910 of 12,404 tons of lead and 44,300 ounces of silver worth R23,86,220 and R66,450 respectively, and in 1911 of 12,793 tons of lead and 80,145 ounces of silver valued at R26,86,530 and R1,33,995, respectively.

Magnesite.—It is worked only in the Chalk Hills near Salem in the Madras Presidency. The output in 1911 was 3,490 tons.

Manganese ore.—This industry commenced some twenty 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 150,190 tons, the progress of the industry has been remarkable owing to the high prices prevailing. In 1905 production reached 247,427 tons; the following year it was more than doubled (571,495 tons), and in 1907 the figures again rose to 902,291 tons. In 1909, on account of the fall in prices the output contracted to 642,675 tons, but it almost regained its former position in 1910 when the production rose to 800,907 tons. In 1911 it fell again to 670,290 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 Jabua State in Central India, in the Panch Mahals of Bombay, in the Sandur State and the Vizagapatam district in Madras, in the Mysore State and in Gangpur State in Chota Nagpur. 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 owing to actual exports being much less than the production. The rise in the price of ore during 1910 resulted in a considerable increase in the total production, namely from 642,675 tons valued at R88,61,665 in 1909 to 800,907 tons valued at R1,27,41,856 in 1910, but with a fall in price in 1911 the output also fell to 670,290 tons valued at R97,32,028.

Mica.—The chief centres of production are the Nellore district in Madras, the Hazaribagh and Gaya districts of Bengal and certain States in Rajputana. Prospecting has been carried on in various districts of Madras, the Central Provinces, Upper Burma, and Assam, and in the Kisiangarh State. The quantity of mica produced in 1906 (52,543 cwts) showed a very large advance on the average of the preceding five years (21,864 cwts). In 1908 it rose to 53,543 cwts, but in 1910 it fell to 22,699 cwts rising again to 33,896 cwts in 1911.

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 1909 and 1910, which continued in 1911.

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 was 315,987 cwts in 1908 and 332,659 cwts in 1909 but it fell to 324,204 cwts in 1910 and to 3,07,864 cwts in 1911.

Tin-ore.—Tin-washing is carried on in the Tenasserim Peninsula, and also in the Bawlake State of Karenni chiefly by Chinese immigrants in an uncertain and unsystematic way. The production of tin-ore in 1911 was 1,946 cwts.

Wolfram.—The great activity displayed in prospecting for wolfram in Tavoy and to a lesser extent in Mergui in Burma resulted in the output of 395 tons in 1910, rising to 1,308 tons valued at R14,99,835 in 1911.

MINERAL PRODUCTION

No. 1

ABSTRACT STATEMENT of the QUANTITY and VALUE of SALT, COAL, GOLD, PETROLEUM and OTHER MINERALS produced in INDIA in each year from 1890 to 1911

	SALT (a)		COAL (b)		GOLD		PETROLEUM	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	tons	R	tons	R	ounces	R	gallons	R
1890	1,052,438	58,79,905	2,168,521	73,47,592	107,720	55,77,120	4,132,287	2,82,173
1891	1,015,822	51,86,131	2,328,577	79,07,562	132,223	71,72,166	6,054,570	3,62,792
1892	895,392	44,25,896	2,537,906	83,60,352	164,064	99,73,659	8,479,943	3,63,631
1893	835,065	45,36,976	2,562,001	86,20,278	(c)207,673	(c)1,26,04,081	10,463,908	7,71,112
1894	1,207,745	77,26,097	2,823,907	1,03,87,232	210,916	1,43,92,941	11,452,040	11,26,744
1895	1,163,381	61,58,189	3,540,019	1,29,33,303	268,158	1,72,32,876	13,003,748	15,39,231
1896	1,024,749	61,48,676	3,863,698	1,26,30,828	324,475	2,10,34,955	15,049,289	17,89,167
1897	920,747	47,31,301	4,066,294	1,25,25,375	391,479	2,35,72,106	19,099,648	22,57,842
1898	1,027,375	53,83,990	4,608,106	1,43,57,436	420,109	2,41,94,902	22,234,438	11,52,316
1899	961,840	46,90,226	5,003,260	1,59,57,301	456,198	2,57,99,133	32,934,007	18,85,259
1900	1,054,948	48,89,547	6,118,692	2,01,46,222	513,385	2,83,96,605	37,729,211	22,31,325
1901	1,180,830	61,35,280	6,635,727	1,98,50,582	532,303	2,89,65,456	50,075,117	30,65,131
1902	1,090,159	51,69,493	7,424,402	2,05,03,639	517,764	2,95,60,520	56,607,689	32,67,245
1903	894,555	50,14,702	7,438,386	1,94,95,741	603,742	3,45,48,158	87,859,099	53,15,470
1904	1,171,058	65,62,511	8,216,706	2,09,82,407	619,046	3,55,09,191	118,491,382	71,09,566
1905	1,291,137	66,20,880	8,417,739	2,12,91,649	631,116	3,62,72,474	144,798,444	90,03,051
1906	1,225,280	63,13,513	9,783,250	2,86,80,655	581,844	3,34,72,213	140,553,122	86,13,576
1907	1,193,170	65,11,162	11,147,339	3,91,45,900	557,686	3,20,23,415	152,045,077	91,50,236
1908	1,368,264	76,05,026	12,769,635	5,03,43,130	587,780	3,29,67,698	176,646,320	1,05,30,139
1909	1,254,595	87,58,221	11,870,064	4,16,97,985	574,816	3,30,72,991	233,678,047	1,36,52,581
1910	1,562,959	84,75,061	12,047,416	3,68,33,162	573,120	3,30,37,266	214,829,647	1,25,38,910
1911	1,325,905	70,39,396	12,715,534	3,76,39,234	583,567	3,35,72,151	225,792,094	1,32,65,970

	CHROMITE		DIAMONDS		GRAPHITE		IRON-ORE	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	tons	R	carats	R	tons	R	tons	R
1890 . . . . .	..	..	1,389	19,757	..	..	28,295	1,95,197
1891 . . . . .	..	..	863	16,530	..	..	33,335	1,92,982
1892 . . . . .	..	..	(d)	9,231	..	..	23,161	2,63,114
1893 . . . . .	..	..	(d)	20,549	..	..	37,102	2,31,371
1894 . . . . .	..	..	211	16,250	..	..	38,390	2,50,390
1895 . . . . .	..	..	215	19,510	..	..	46,653	2,77,886
1896 . . . . .	..	..	321	22,020	..	..	14,270	88,601
1897 . . . . .	..	..	301	19,030	..	..	43,744	95,552
1898 . . . . .	..	..	170	10,873	22	1,650	50,852	1,41,677
1899 . . . . .	..	..	124	8,011	1,521	1,14,300	61,934	1,34,736
1900 . . . . .	..	..	169	11,372	..	..	63,484	1,35,936
1901 . . . . .	..	..	..	..	..	2,785	2,28,715	49,798
1902 . . . . .	..	..	..	..	..	4,882	3,90,710	81,344
1903	284	4,905	211	38,685	3,048	2,73,600	66,829	1,67,653
1904	3,596	62,048	286	39,547	3,323	2,54,570	71,685	1,65,825
1905	2,708	52,230	172	37,112	2,324	2,53,338	103,331	2,28,855
1906	4,375	1,07,821	306	77,395	2,600	1,50,125	91,469	2,20,920
1907	18,303	3,66,065	628	41,722	2,433	1,10,816	68,729	1,89,855
1908	4,745	95,083	140	14,163	2,873	2,15,475	72,300	2,27,225
1909	9,259	1,16,050	147	16,329	3,132	1,87,935	83,456	2,48,448
1910	1,737	34,731	77	8,845	4,251	3,07,187	54,626	1,47,165
1911	3,804	76,080	53	7,173	4,947	1,41,370	386,160	8,17,312

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

(b) For details see next section of this Part

(c) Incomplete

(d) Not stated

No. 1—continued

ABSTRACT STATEMENT of the QUANTITY and VALUE of SALT, COAL, GOLD, PETROLEUM, and OTHER MINERALS produced in INDIA in each year from 1890 to 1911—continued

	JADESTONE (a)		LEAD		MAGNESITE		MANGANESE-ORE		MICA (b)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	cwts	R	tons	R	tons	R	tons	Rs	cwts	Rs
1890	658	94,450	..	..	..	..	..	..	6,180	1,47,172
1891	..	..	..	..	..	..	..	..	1,860	87,000
1892	..	..	..	..	..	..	074	15,755	2,400	98,164
1893	700	1,13,500	..	..	..	..	3,130	60,904	3,840	1,50,360
1894	727	1,15,091	..	..	..	..	11,410	1,68,207	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	..	..	..	..	59,809	10,02,310	12,826	11,53,364
1897	4,036	6,29,700	..	..	..	..	74,467	12,05,435	11,068	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	6,95,961	..	..	..	..	139,265	33,05,434	8,710	4,17,212
1901	3,015	4,75,700	..	..	..	..	157,736	32,39,008	22,770	9,95,892
1902	4,220	7,15,140	..	..	3,540	14,100	144,325	22,65,248	22,422	6,85,070
1903	2,775	8,91,275	..	..	826	3,304	177,821	28,27,036	17,126	6,65,206
1904	4,130	7,74,225	..	..	1,315	5,200	150,190	20,08,996	21,360	8,26,278
1905	2,593	8,87,090	..	..	2,063	8,262	247,427	23,51,478	25,641	12,07,420
1906	3,852	9,32,920	..	..	1,832	7,328	571,495	1,45,36,131	52,543	14,96,463
1907	4,001	11,16,040	..	..	186	744	902,291	2,81,19,650	52,203	15,80,489
1908	4,088	12,66,751	..	..	7,534	10,729	674,315	1,04,72,099	53,543	11,06,078
1909	5,512	13,71,919	5,880	11,03,994	737	2,948	642,675	88,01,065	32,903	5,72,355
1910	6,165	14,94,016	12,404	23,86,220	5,182	20,728	800,907	1,27,41,856	22,099	8,16,413
1911	2,028	4,47,325	12,793	26,86,630	3,490	15,705	670,290	97,32,028	33,896	10,58,286

	RUBIES, SAPPHIRES, AND SPINELS		SALTPETRE		SILVER		TIN-ORE		WOLFRAM	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	carats	R	cwts	R	ounces	R	cwts	Rs	tons	R
1890	147,475	1,77,115	210,245	14,39,688	..	..	740	43,108	..	..
1891	..	..	104,262	13,91,541	..	..	..	..	..	..
1892	..	..	231,768	15,70,125	..	..	..	..	..	..
1893	..	..	292,795	21,18,153	..	..	..	..	..	..
1894	1,476	6,750	249,554	22,07,423	..	..	1,060	1,08,700	..	..
1895	89,960	4,75,059	228,201	19,56,760	..	..	440	23,464	..	..
1896	136,330	7,55,052	317,718	22,08,805	..	..	1,620	81,443	..	..
1897	143,950	8,00,413	252,341	17,62,527	..	..	1,220	39,555	..	..
1898	125,651	8,27,886	230,362	16,10,250	..	..	780	38,288	..	..
1899	100,781	13,50,951	224,369	16,35,465	..	..	1,422	1,18,405	..	..
1900	214,078	14,63,416	230,472	16,29,657	..	..	2,078	1,28,000	..	..
1901	229,127	15,89,041	311,107	28,78,657	..	..	1,304	1,16,595	..	..
1902	109,965	9,37,095	277,972	26,04,513	..	..	1,997	80,096	..	..
1903	227,213	13,32,298	298,150	27,40,015	..	..	2,108	1,37,295	..	..
1904	265,901	13,59,175	309,616	29,27,491	..	..	1,414	1,25,231	..	..
1905	366,584	13,25,105	226,785	22,98,204	..	..	1,527	1,48,760	..	..
1906	326,855	14,33,101	236,254	23,06,562	..	..	1,919	2,06,986	..	..
1907	334,635	14,26,718	288,079	27,82,169	..	..	1,684	1,78,229	..	..
1908	215,513	6,60,627	315,937	32,26,598	..	..	1,900	1,95,230	..	..
1909	258,304	8,79,731	332,659	34,63,319	29,064	44,946	1,672	1,44,981	7	(c)
1910	262,919	8,82,739	324,204	35,35,388	44,300	66,450	1,776	1,14,651	395	5,83,095(d)
1911	288,213	10,13,912	397,864	35,40,708	80,145	1,33,995	1,940	1,40,820	1,308	14,99,835

(a) These figures represent exports in each official year
 (b) The figures previous to 1900 represent exports in each official year, reliable statistics of production not being available
 (c) Not available
 (d) Include value of 18 cwt produced in Central Provinces

No. 2

QUANTITY and VALUE of GOLD, produced in each PROVINCE and STATE in INDIA, in each year from 1902 to 1911

	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
QUANTITY (ounces)										
Burma	2,170	1,095	366	770	2,450	3,987	8,100	8,489	5,997	6,413
Punjab	78	105	370	176	190	163	195	154	106	135
Madras . . . . .	..	..	..	..	..	..	..	..	2,632	5,284
Bombay . . . . .	..	..	..	93	60	4,916	7,242	5,016	737	2,903
United Provinces	47	24	23	2	4	2	3	3	4	5
Central Provinces . . . . .	..	..	150	150	150	150	150	..	..	..
TOTAL—BRITISH INDIA	2,304	1,224	909	1,191	2,854	9,218	16,690	14,262	9,376	14,830
Hyderabad . . . . .	..	3,800	10,659	13,107	13,782	13,383	16,437	15,241	15,762	13,726
Mysore	615,460	698,709	607,678	616,768	565,208	535,085	535,653	545,309	547,746	555,011
Jammu & Kashmir . . . . .	..	..	..	..	..	..	..	4	238	..
TOTAL—NATIVE STATES	615,460	602,518	618,137	629,925	578,990	548,408	552,090	560,554	563,744	568,737
GRAND TOTAL	517,764	603,742	619,046	631,116	581,844	557,686	567,780	574,816	573,120	583,567
VALUE (rupees)										
Burma	88,420	59,832	21,150	45,180	1,41,750	2,32,784	4,68,000	4,92,972	3,45,740	3,65,682
Punjab	5,350	9,220	20,682	10,544	11,203	9,687	11,381	9,317	6,476	7,768
Madras . . . . .	..	..	..	..	..	..	..	..	1,51,800	3,12,525
Bombay . . . . .	..	..	..	4,815	3,480	2,79,014	4,07,373	3,19,966	38,850	1,56,736
United Provinces	1,714	1,537	1,249	170	217	160	195	200	200	282
Central Provinces . . . . .	..	..	9,000	9,000	9,000	9,000	9,000	..	..	..
TOTAL—BRITISH INDIA	95,484	70,589	52,081	69,709	1,65,650	5,31,145	8,95,949	8,22,455	5,43,066	8,42,993
Hyderabad . . . . .	..	2,17,571	6,09,360	7,50,907	7,92,022	7,53,248	9,38,251	8,61,247	8,90,907	7,81,057
Mysore	2,94,05,030	3,42,69,908	3,48,47,750	3,54,51,858	3,25,14,541	3,07,39,023	3,08,33,498	3,13,89,069	3,15,89,153	3,19,48,101
Jammu & Kashmir . . . . .	..	..	..	..	..	..	..	220	14,160	..
TOTAL—NATIVE STATES	2,94,05,030	3,44,77,568	3,54,57,110	3,62,02,765	3,33,06,563	3,14,92,270	3,17,71,749	3,22,60,536	3,24,94,220	3,27,29,158
GRAND TOTAL	2,95,00,520	3,45,48,168	3,55,09,191	3,62,72,474	3,34,72,213	3,20,23,415	3,26,67,698	3,30,72,991	3,30,37,286	3,35,72,151

No. 3

QUANTITY and VALUE of PETROLEUM, produced in each PROVINCE of INDIA, in each year from 1902 to 1911

	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
QUANTITY (gallons)										
Burma	54,848,980	85,328,491	115,903,804	142,063,846	137,654,261	148,888,002	173,402,790	230,396,617	211,507,903	222,225,531
Assam	1,766,759	2,528,785	2,685,920	2,733,110	2,697,990	3,156,665	3,243,110	3,280,750	3,320,680	3,565,163
Punjab	1,949	1,793	1,658	1,488	871	1,010	420	720	1,064	1,400
TOTAL	56,607,688	87,859,069	118,491,382	144,798,444	140,553,122	152,045,677	176,646,320	233,678,087	214,829,647	225,792,094
VALUE (rupees)										
Burma	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	1,23,74,436	1,30,89,345
Assam	87,838	1,26,439	1,61,620	1,70,819	1,43,330	1,56,189	1,60,466	1,62,329	1,64,304	1,76,401
Punjab	406	393	390	325	191	221	68	112	170	224
TOTAL	32,67,245	53,15,470	71,09,566	90,63,051	86,13,676	91,50,236	1,05,30,139	1,36,62,381	1,25,38,910	1,32,65,970

MINERAL PRODUCTION

(94)

No. 4

QUANTITY and VALUE of OTHER MINERALS, produced in each PROVINCE and STATE in INDIA in each year from 1902 to 1911

	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
CHROMITE—										
Baluchistan . . . . .	..	284	3,506	2,708	4,375	7,274	4,135	4,325	1,737	3,804
Mysore State . . . . .	..	..	..	..	..	11,029	610	4,925	..	..
TOTAL	..	284	3,506	2,708	4,375	18,303	4,745	9,250	1,737	3,804
VALUE (rupees)										
Baluchistan . . . . .	..	4,905	62,048	52,230	1,07,821	1,43,485	82,700	86,500	34,731	76,080
Mysore State . . . . .	..	..	..	..	..	2,20,580	12,383	29,550	..	..
TOTAL	..	4,905	62,048	52,230	1,07,821	3,66,065	95,083	1,16,050	34,731	76,080
DIAMONDS—										
QUANTITY (carats)										
Madras . . . . .	..	..	..	..	..	..	..	111	15	9
Central India States	..	211	286	172	306	628	140	30	62	44
TOTAL	..	211	286	172	306	628	140	147	77	53
VALUE (rupees)										
Madras . . . . .	..	..	..	..	..	..	..	700	189	40
Central India States	..	38,685	39,547	37,112	77,395	41,772	14,103	15,629	8,656	7,133
TOTAL	..	38,685	39,547	37,112	77,395	41,772	14,103	16,329	8,845	7,173
GRAPHITE—										
QUANTITY (tons)										
MADRAS— Godavari	307	254	67	64	..	4	..	..	..	..
Vizagapatam . . . . .	..	..	..	..	4	..	..	..	259	54
TOTAL—BRITISH INDIA	307	254	67	64	4	4	..	..	259	54
Travancore State	4,675	3,394	3,256	2,260	2,596	2,429	2,873	3,132	3,992	3,993
GRAND TOTAL	4,882	3,648	3,323	2,324	2,600	2,433	2,873	3,132	4,251	4,047
VALUE (rupees)										
MADRAS— Godavari	(a) 24,500	(a) 19,050	(a) 5,159	25,000	..	4	..	..	..	..
Vizagapatam . . . . .	..	..	..	..	160	..	..	..	7,757	1,614
TOTAL—BRITISH INDIA	24,500	19,050	5,159	25,000	160	4	..	..	7,757	1,614
Travancore State	(a) 3,66,150	(a) 2,54,550	2,49,411	2,27,738	1,49,995	1,10,812	2,15,475	1,87,935	2,90,430	1,30,750
GRAND TOTAL	3,90,710	2,73,600	2,54,570	2,53,338	1,50,125	1,10,816	2,16,475	1,87,935	3,07,187	1,41,370
IRON-ORE—										
QUANTITY (tons)										
Bengal(a)	76,056	61,355	65,115	98,398	86,329	66,414	67,175	72,711	42,653	342,342
Other Provinces of British India	3,630	1,801	2,935	2,478	2,249	1,477	2,500	9,464	11,156	22,962
TOTAL—BRITISH INDIA	79,686	63,156	68,050	100,876	88,578	67,891	69,765	82,175	53,809	365,304
Native States	1,658	3,673	3,635	2,455	2,891	838	2,535	1,281	817	876
GRAND TOTAL	81,344	66,829	71,685	103,331	91,469	68,729	72,300	83,456	54,626	366,180
VALUE (rupees)										
Bengal(a)	1,09,296	1,45,757	1,39,545	2,09,130	2,00,355	1,80,600	2,06,730	2,05,407	99,272	722,690
Other Provinces of British India (b)	14,520	7,204	11,740	9,912	8,996	5,968	10,360	37,856	44,624	91,117
TOTAL—BRITISH INDIA	1,23,816	1,52,961	1,51,285	2,19,042	2,09,351	1,86,568	2,17,090	2,43,263	1,43,896	813,807
Native States (c)	6,032	14,692	14,540	9,813	11,569	3,347	10,146	5,125	3,260	3,505
GRAND TOTAL	1,30,448	1,67,653	1,65,825	2,28,855	2,20,920	1,89,915	2,27,236	2,48,448	1,47,156	817,312
JADESTONE (d)—										
Burma	4,220	2,775	4,130	2,593	3,852	4,001	4,088	5,512	6,165	2,028
Other States	7,15,140	8,91,275	7,74,225	8,87,060	9,32,920	11,10,040	12,66,751	13,71,019	14,94,015	4,47,225
GRAND TOTAL	7,19,360	8,94,050	7,78,355	8,89,653	9,36,772	11,14,041	12,70,839	13,76,531	15,00,180	4,49,253
LEAD—										
Burma . . . . .	..	..	..	..	..	..	..	5,880	12,404	12,793
Other States . . . . .	..	..	..	..	..	..	..	11,03,994	23,86,220	26,86,530
GRAND TOTAL	..	..	..	..	..	..	..	11,09,874	23,98,624	26,99,323

(a) Including Orissa and Chota Nagpur
 (b) Estimated at Rs 4 per ton up to 1910
 (c) Estimated
 (d) 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 and STATE in INDIA, in each year from 1902 to 1911—continued

	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
MAGNESITE— { tons Madras	3,740 (a) 14,160	828 (a) 3,304	1,315 (a) 5,260	2,063 (a) 8,252	1,832 (a) 7,328	186 (a) 744	7,584 16,729	737 2,948	5,182 20,728	3,490 15,705
MANGANESE— ORE— Central Provinces	70,154	107,947	85,024	151,547	351,680	565,017	431,055	381,285	552,239	445,051
Madras	68,171	63,074	63,602	64,989	114,710	162,455	118,089	138,454	120,607	125,865
Bombay	..	..	..	640	7,520	22,821	23,232	17,657	30,921	45,330
Bengal	..	..	..	..	1,000	2,933	20,000	55,000	41,958	25,152
Baluchistan	..	..	..	..	..	15	..	..	..	..
TOTAL—BRITISH INDIA	144,325	171,021	138,626	217,176	475,110	753,241	692,376	62,456	745,725	641,398
Central India (Jhabsua)	..	6,800	11,664	30,261	50,073	35,743	13,315	10,324	12,664	7,319
Mysore	..	..	..	..	46,312	113,307	68,624	30,895	42,518	21,573
TOTAL—NATIVE STATES	..	6,800	11,664	30,251	96,385	140,050	81,939	50,219	55,182	28,892
GRAND TOTAL	144,325	177,821	150,190	247,427	571,495	902,291	674,315	642,675	800,907	670,290
	VALUE (rupees)									
Central Provinces	14,08,850	20,84,726	13,05,608	24,34,223	1,05,12,414	1,97,16,188	75,43,018	60,62,899	93,16,933	67,90,785
Madras	8,56,398	6,68,335	5,69,471	6,29,581	17,18,174	36,39,214	11,88,151	12,77,506	15,37,739	14,94,646
Bombay	..	..	..	290	2,08,548	7,07,543	3,70,497	2,90,440	4,83,203	6,82,783
Bengal	..	..	..	..	21,250	75,158	3,26,250	8,12,135	6,18,881	3,78,862
Baluchistan	..	..	..	..	..	296	..	..	..	..
TOTAL—BRITISH INDIA	22,65,248	27,43,061	19,25,169	30,64,094	1,24,55,386	2,41,38,399	94,27,916	84,02,980	1,19,56,756	93,47,066
Central India (Jhabsua)	..	84,575	1,43,827	2,87,384	10,04,072	9,15,914	1,53,956	1,07,111	1,68,559	91,030
Mysore	..	..	..	..	10,16,673	30,65,337	8,90,798	3,51,574	6,16,511	2,93,932
TOTAL—NATIVE STATES	..	84,575	1,43,827	2,87,384	20,80,745	39,81,251	10,44,753	4,68,685	7,85,100	3,84,932
GRAND TOTAL	22,65,248	28,27,636	20,68,996	33,51,478	1,45,36,131	2,81,19,650	1,04,72,669	88,61,665	1,27,41,856	97,32,028
MICA— Bengal	10,540	13,320	16,520	14,601	22,360	23,579	36,000	22,984	18,356	25,225
Madras	2,882	3,640	4,840	8,280	24,420	15,865	11,249	8,948	3,686	7,462
TOTAL—BRITISH INDIA	22,422	16,960	(b) 21,360	22,881	46,780	44,444	47,309	31,932	21,942	32,687
Rajputana	..	166	..	2,760	5,763	7,759	6,234	1,871	757	1,191
Mysore	..	..	..	..	..	..	..	..	..	18
TOTAL—NATIVE STATES	..	166	..	2,760	5,763	7,759	6,234	1,871	757	1,209
GRAND TOTAL	22,422	17,126	21,360	25,641	52,543	52,203	53,543	32,903	22,699	33,896
	VALUE (rupees)									
Bengal	3,69,272	3,77,795	3,85,889	3,71,940	5,82,536	7,05,438	5,64,233	3,68,926	5,70,122	6,52,483
Madras	(d) 3,25,798	3,22,307	4,40,389	8,80,466	8,84,695	8,46,402	5,21,872	1,94,503	2,25,388	3,87,785
TOTAL—BRITISH INDIA	6,83,070	6,60,102	8,26,278	12,52,426	14,67,231	15,51,840	10,86,104	5,63,429	7,95,510	10,40,268
Rajputana	..	5,164	..	15,000	29,222	28,649	19,974	8,926	20,903	17,142
Mysore	..	..	..	..	..	..	..	..	..	876
TOTAL—NATIVE STATES	..	5,164	..	15,000	29,222	28,649	19,974	8,926	20,903	18,018
GRAND TOTAL	6,83,070	6,65,266	8,26,278	12,67,426	14,96,453	15,80,489	11,06,078	5,72,355	8,16,413	10,58,286
RUBIES (c) (including a small proportion of sapphires and spinel)— Upper Burma { carats R	169,965 9,37,095	227,213 13,32,298	265,901 13,59,175	266,584 13,25,105	326,855 14,33,101	334,535 14,26,718	215,513 6,60,627	256,304 8,79,731	262,019 8,82,739	288,213 10,13,912

(a) At Rs 4 per ton (value at the pit's mouth)

(b) Excludes 804 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) Exclusive of value of 1 ton reported to have been worked on the Nilgiris

No. 4—concluded

QUANTITY and VALUE of OTHER MINERALS, produced in each PROVINCE and STATE in INDIA, in each year from 1902 to 1911—concluded

	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
SALTPETRE—										
QUANTITY (cwts)										
Bengal—										
Bihar	121,062	140,476	134,094	116,056	130,992	136,302	144,438	146,507	135,331	116,360
Calcutta (a)	32,090	28,423	10,068	12,077	8,239	4,582	8,193	7,063	4,528	5,385
United Provinces of Agra and Oudh	62,618	47,041	69,014	26,346	25,038	69,139	87,445	107,392	104,418	112,320
Punjab	49,322	70,970	73,842	61,031	62,064	64,680	64,794	61,859	60,563	66,960
North-West Frontier Province	180	303	384	275	203	580	325	303	437	240
Madras (a)	11,800	10,937	13,214	11,000	9,668	12,796	10,792	8,445	9,107	8,990
TOTAL—BRITISH INDIA	277,972	298,150	300,616	226,785	236,254	288,079	316,987	332,659	323,384	300,204
Central India . . . . .	..	..	..	..	..	..	..	..	460	460
Rajputana . . . . .	..	..	..	..	..	..	..	..	360	7,200
TOTAL—NATIVE STATES . . . . .	..	..	..	..	..	..	..	..	820	7,660
GRAND TOTAL	277,972	298,150	300,616	226,785	236,254	288,079	316,987	332,659	324,204	307,864
VALUE (rupees)										
Bengal—										
Bihar	11,55,155	13,32,439	12,62,402	11,45,239	12,85,195	13,16,040	13,59,775	13,88,417	13,81,492	11,07,701
Calcutta (b)	3,38,663	2,86,451	2,03,789	1,53,982	1,04,908	60,998	1,05,229	87,405	50,430	88,862
United Provinces of Agra and Oudh	5,52,663	4,05,511	6,36,018	2,58,110	2,44,050	6,35,200	8,82,119	10,98,574	10,94,709	13,74,807
Punjab	(c)4,35,309	(c)6,11,781	(c)9,80,516	(c)5,97,924	(c)6,07,164	(c)5,94,243	7,35,844	7,06,534	8,25,509	7,73,840
North-West Frontier Province	(c)1,589	(c)2,809	(c)3,541	(c)2,699	(c)1,984	(c)5,332	5,021	5,507	7,214	3,190
Madras (b)	1,21,134	1,10,224	1,41,225	1,40,260	1,22,361	1,70,347	1,38,610	1,16,882	1,19,529	1,48,483
TOTAL—BRITISH INDIA	26,04,513	27,49,015	29,27,491	22,98,204	23,66,662	27,82,169	32,26,598	34,63,319	34,87,073	34,06,933
Central India . . . . .	..	..	..	..	..	..	..	..	2,640	2,404
Rajputana . . . . .	..	..	..	..	..	..	..	..	44,775	41,281
TOTAL—NATIVE STATES . . . . .	..	..	..	..	..	..	..	..	47,415	43,775
GRAND TOTAL	26,04,513	27,49,015	29,27,491	22,98,204	23,66,662	27,82,169	32,26,598	34,63,319	35,36,388	35,40,708
SILVER—										
Burma . . . . .	..	..	..	..	..	..	..	29,964	44,300	80,145
{ R . . . . .	..	..	..	..	..	..	..	44,946	66,450	1,33,995
TIN-ORE—										
QUANTITY (cwts)										
Lower Burma	1,097	2,198	1,388	1,495	1,870	1,519	1,906	1,672	1,773	1,043
Bengal . . . . .	..	..	..	..	..	..	..	..	3	3
Karenni . . . . .	..	..	26	32	49	65	..	..	..	..
TOTAL	1,997	2,198	1,414	1,527	1,919	1,584	1,906	1,672	1,776	1,046
VALUE (rupees)										
Lower Burma	80,096	1,37,295	1,23,631	1,46,750	2,03,611	1,73,729	1,65,230	1,44,081	1,14,261	1,40,417
Bengal . . . . .	..	..	..	..	..	..	..	..	390	403
Karenni . . . . .	..	..	1,600	2,000	3,375	4,500	..	..	..	..
TOTAL	80,096	1,37,295	1,25,231	1,48,750	2,06,986	1,78,229	1,65,230	1,44,081	1,14,651	1,40,820
WOLFRAM—										
Burma . . . . .	..	..	..	..	..	..	..	7	395	1,368
{ tons . . . . .	..	..	..	..	..	..	..	(d)	5,83,095(c)	14,99,835

(a) The figures relate to official years ending 31st March
 (b) The values are based on the wholesale price quotations of saltpetre at Calcutta
 (c) The figures are based on the rates for the United Provinces
 (d) Not available
 (e) Includes value of 18 cwts produced in Central Provinces

COAL MINES

[TABLES 1 TO 13, PAGES 104 TO 125]

(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, and supplemented by figures furnished by the Director, Geological Survey of India, as regards mines in Native States and those not under the operation of the Indian Mines Act.)

PRODUCTION

Table No. 1 shows the quantity of coal produced in each province in India in each year from 1878 to 1911. In 1878 the total amounted to 1,015,210 tons. In 1903 the output was 12,769,635 tons or about 12½ times as much; but the progressive record of 24 successive years was broken in 1909, when the production was returned at 11,870,064 tons, though it exceeded the output of 1907 by some 723,000 tons. Considerable quantities of coal won in these two years consisted of very inferior coal. In 1910 the production amounted to 12,047,413 tons, an increase of 177,349 tons over 1909, but the figure still fell short of the output of 1903 by 722,222 tons. Many of the second class mines which owed their existence to the boom of 1903 were shut down in 1910. In 1911 the production almost reached the record of 1908 and amounted to 12,715,534 tons. To this may be added some 250,000 tons estimated to have been taken out from the mines by miners for their own use. The total production in 1911 would thus come to some 12,965,000 tons, but for purposes of comparison the figure of 12,715,534 tons first stated must be adopted.

In 1878 the only fields worked were the Raniganj and the 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 1911 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>
BENGAL— Daltonganj Giridih Jharla Rajmahal Ramgarh-Bokaro Raniganj Sambalpur	BALECHISTAN— Khost Sor Range, Mach, etc.
CENTRAL INDIA— Umaria	EASTERN BENGAL AND ASSAM— Makum, etc.
CENTRAL PROVINCES— Mohpani Pench Valley Wardha Valley (Ballarpur)	NORTH-WEST FRONTIER PROVINCE— Hazara
HYDERABAD— Singareni	PUNJAB (SALT RANGE)— Jhelum District Minwali " Shahpur "
	RAJPUTANA— Bikaner

The Raniganj field in Bengal held the first place as regards production up to 1905, but now stands second, its yield in 1911 having been 4,311,956 tons or 33·9 per cent of the year's total production. Jharla, which was opened in 1893, assumed the lead from Raniganj in 1906 and it has succeeded in maintaining it since, although its output contracted from 6,458,643 tons (50·6 per cent of the total production) in 1908 to 6,373,728 tons (50·1 per cent of the total production) in the year under review. Of the remaining fields in Bengal, the production of the Giridih field in 1911 aggregated 704,443 tons or 5·5 per cent of the total. At the East Indian Railway Collieries at Giridih, the battery of 30 units of Simon Carves Bye-product coke-ovens was worked throughout the year; the results are understood to have been satisfactory. The Daltonganj field was opened in 1901; it yielded in 1911 70,662 tons. The quantity so far won from the other three fields has been limited. Work, which had been discontinued since the opening of the Railway to Raniganj, was resumed on the Rajmahal field in 1897, and its output in 1911 was 1,978 tons; in the Ramgarh-Bokaro field, mining was begun in 1903, and its yield in 1910 was 2,166 tons but it fell to 463 tons in 1911. The Sambalpur field was opened for the first time in 1909, and its production rose from 830 tons in 1910 to 5,669 tons in 1911. These seven coal-fields accounted for 90·2 per cent of the coal raised in India in 1911.

COAL MINES—*continued*

Outside Bengal, the most important mines are those at Singareni in Hyderabad. Work was begun here in 1887, and progress has been more rapid than in any other place outside Bengal, the average annual production during the last 10 years having been some 447,000 tons. The Umaria mine in the Rewa State in Central India was started in 1884. Its progress was steady up to the year 1903, when the maximum production of 193,277 tons was reached; since then there has been a retrogression and the output in 1911 was 143,558 tons. 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 rose considerably till 1909, when it reached a total of 60,667 tons, but the quantity raised in 1911 amounted to only 51,983 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 expedited its inevitable abandonment. Operations were then transferred to the Ballarpur mine, where the work of extraction began seriously in 1908. The output that year was 45,300 tons; in 1909 it was almost doubled and in 1911 it rose to 96,603 tons. The Pench Valley field was opened up in 1905; its yield has risen from 1,104 tons in 1905 to 63,030 tons in 1911; but further development hinges upon the completion of the broad gauge railway connection between Itarsi and Nagpur. It is expected that this line will be completed by 1913.

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 Salt Range mines in the Punjab; both have been worked now for 25 years, but their production in 1911 was only 42,411 tons and 39,575 tons respectively. The coal produced at Palana in the Bikaner State is really a dark brown lignite, and its production during recent years has been restricted in consequence of the necessity of dealing with underground fires. Its production in 1911 was 14,761 tons in comparison with 12,744 tons in the previous year.

Table No. 2 shows, in respect of each mine for which separate reports have been received since 1905, the production for ten years from 1902 to 1911 as also the name (so far as it has been possible to ascertain it) of the present owner.

IMPORTS

Table No. 3 shows the quantities of foreign coal imported into India from the principal countries during the last twenty-two years. For the first ten years quinquennial averages have been given. The figures represent private merchandise only and do not include Government stores, the imports of which amounted to 21,437 tons in 1911 as against 16,625 in 1910 and 29,567 tons in 1909.

The greatest quantity imported in any one year of the series was some 820,000 tons in the year 1894, valued at ₹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 succeeding five years are marked by considerable fluctuations, but between 1905 and 1909 the record was one of continued expansion. The year 1910 saw a break in this progressive record, the arrivals showing a considerable fall from 490,421 tons to 315,996 tons—a contraction of 174,425 tons or 35.6 per cent. In 1911 the import rose very slightly to 318,669 tons. Bombay has naturally been always the largest importer, and in 1911 Sind was the second. The United Kingdom has always supplied by far the greatest part of the imported coal. On the average of the twenty-two years of the series, Australia holds the second place and Japan the third with respective shares of 19,666 tons and 12,732 tons respectively. In 1907 Natal went ahead of Japan and has held that position since. Imports from other than the stated countries during the year 1911 aggregated 15,862 tons, of which Holland contributed 9,049 tons and Portuguese East Africa 4,015 tons.

In the year of review, the United Kingdom sent 245,043 tons in place of 261,245 tons in the previous year. The imports from Australia, which in the previous year amounted to 28,040 tons, rose to 35,703 tons. The Natal trade was marked by a brisk development from 16,548 tons in 1907 to 71,831 tons in 1908 and 91,907 tons in 1909, but in 1910 and 1911 the arrivals were only 18,224 and 15,086 tons respectively. Japan has, since 1906, lost its hold altogether on the Indian market; the recorded imports in 1910 and 1911 were 6,654 and 6,975 tons as contrasted with 11,413 tons in 1909.

EXPORTS

Table No. 4 shows the total quantity of Indian coal exported from India during the last twenty-two 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 first ten years. 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 then there was a progressive decline in the ratio up to

COAL MINES—*continued*

1909. This decline was arrested in 1910, but there has again been a contraction—though a small one—in the year under review. On the average of the seven years 1900 to 1905, the exports were 8 per cent of the total production of Indian coal but the exports of the following three years, namely, 1907 to 1909, averaged 5·3 per cent of the production. In 1910 the ratio rose to 8·2 per cent, but in 1911 it dropped to 6·8 per cent. 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 1911, 57 per cent was declared for Ceylon and 26 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, 1910 or 1911. On the other hand, Sumatra took more coal from India and is now her third-best customer (13 per cent). From 1903 till 1906 the 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 1908, and the shipments of 1909 were marked by a further reduction of 95,000 tons. In 1910, however, there was a sharp rise to 988,366 tons, the increase being one of 424,426 tons or 75·2 per cent. In 1911 there was a decrease of 126,189 tons or 12·8 per cent, the shipments aggregating only 862,177 tons.

DISTRIBUTION AND CONSUMPTION

Table No. 5 shows the total available supply of coal in India after deducting net exports from production: in 1911, the figure stood at 12,171,819 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 derives its supplies by sea from Bengal and from foreign countries in the proportion of 7 to 2, 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 from Bengal, but the latter province also draws part of its supply from Hyderabad. Eastern Bengal and Assam, the United Provinces, the Punjab, the Central Provinces, Rajputana and Central India import the bulk of the coal they require by rail and river from Bengal. Two-thirds of the coal consumed in Mysore comes from Hyderabad, and one-fourth from Bengal. Burma gets 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 1911 in diverse 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)	4,255,000
Port Trusts	123,000
Bunker coal	983,000
Inland steamers	550,000
Jute mills	623,000
Cotton mills	872,000
Iron and brass foundries	407,000
Tea gardens	118,000
Brick and tile manufacture	89,000
Consumption at collieries and wastage	1,272,000
Other forms of industrial and domestic consumption	2,077,000
TOTAL	12,172,000

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-two 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 1911 the total consumption was about 4·26 million tons and Indian coal represented 99 per cent. The railway consumption of Indian coal averaged 33 per cent of the total quantity of coal produced in India in the ten years ending 1899, 30 per cent in the ten years ending 1909, 32 per cent in 1910 and 33 per cent in 1911. 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 fairly progressive and in 1911 the quantity used was 132,858 tons as compared with 326,252 tons in 1890. This amount may be regarded as equivalent to 53,143 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, the Burma, the Rohilkhand and Kumaon, and the 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	32,839	4,255,152	130
United Kingdom	23,417	12,821,641	548
Japan	5,550	1,322,970	238
§ Russia in Europe	34,700	5,348,000†	154
§ Russia in Asia	6,728	1,030,000†	149

* Statistics are for 1910, later figures not being available

† Excluding coke

§ Statistics of Russia are for 1908, later figures not being available

COAL MINES—*continued*

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 increased steadily up to 1908 but in 1909 there was a set-back, the figures being 888,540 tons as against 1,058,302 tons in the preceding year. In 1910 the shipments amounted to 904,682 tons, but in 1911, they fell to 882,935 tons. 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.

Inland steamers.—The chief steamer companies of Bengal, Assam, and Burma have been good enough to supply statements of their coal consumption. The total reported figure comes to over 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.

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, 63 out of 261 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.

Brick and Tile manufacture.—It is probable that from 7 to 10 per cent of the total amount of raisings is used in the brick and tile industry, but no complete statistics of this industry are available.

Other forms of industrial and domestic consumption.—There are no means at present of framing an accurate estimate of how the balance of 2·08 million tons is consumed. Cotton Presses (1,368) and Jute Presses (115) 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 2·08 million tons of coal must be debited to industrial consumption and only a small part to domestic consumption. The main difficulty in the way of the freer employment of coal for domestic purposes has been the absence of a cheap and suitable *chula*.

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 India in each of the last twenty years is given in Table No. 10. It ranged from R3-5 in 1892 to R2-15 in 1911 per ton. The lowest value, namely, R2-8 per ton, was reached in 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	s.	d.		R	s.	d.
United Kingdom	6	5	7	Germany	7	7	11
France	9	2	10	United States of America	4	6	4
Australia	5	8	2	Japan	6	6	7

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, its accessibility, the machinery in use nearness to the surface, etc., besides the differences in the cost of labour and transport. 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 and in Australia. 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 qualities 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	s.	d.
To Calcutta	2	4	0
„ Cawnpore	6	4	7
„ Jubbulpur	6	15	0
„ Delhi	8	4	0
„ Lahore	10	1	0
„ Bombay	11	4	0
„ Karachi	12	14	0

COAL MINES—continued

The average freight per ton of coal by sea from Calcutta during 1911 was as follows:—

	about	Rs	a.	p.
To Bombay	5	14	0
„ Karachi	5	11	6
„ Madras	4	3	0
„ Rangoon	3	13	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 118 Joint Stock Companies at work in Bengal (including Bihar and Orissa) on the 31st March 1912. These Companies accounted for 82 per cent of the total output of the Bengal coal-fields in 1911. Outside Bengal, there were only ten Joint Stock Companies at work during the year. Only six of the Companies at work on the 31st March 1912 have a paid-up capital (exclusive of debentures) of Rs15,00,000 (£100,000) or more, viz.:—

	Rs
The Hyderabad Deccan Company (a) (b)	1,00,00,000
„ Bengal Coal Company	30,00,000
„ Burrakur „	26,25,000
„ Equitable Coal Company	23,00,000
„ East Indian Coal Company (a)	18,00,000
„ Bokaro and Ramgarh	16,00,000

LABOUR

Table No. 12 shows the total number of men, women, and children employed in coal mines in 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. Coal mining employs more labour than any other mining industry and will probably continue to do so for many years. The 116,155 persons, who were employed in 1911, were distributed among the various provinces as follows:—

	Men	Women	Children	Total	Per cent of total
Bengal	63,027	35,078	1,878	99,983	86.1
Eastern Bengal and Assam	1,408	517	40	1,965	1.7
Rajputana (Bikaner)	163	20	..	183	.1
Central India	1,218	212	..	1,430	1.2
Punjab	1,488	5	12	1,505	1.3
North-West Frontier Province	5	..	..	5	..
Baluchistan	897	..	35	932	.8
Central Provinces	1,841	433	18	2,292	2
Hyderabad	5,798	1,403	659	7,860	6.8
TOTAL	75,845	37,663	2,642	116,155	100

The statement is generally made that, compared with the efficiency of the collier in other chief coal-producing countries, that of the Indian coal miner is 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	256	317 in 1910
Germany	217	3.5 „ „
France	189	261 „ „
Belgium	164	227 „ „
India	109	167 „ 1911

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 1910 the workers below ground were 81 per cent of the total number employed, while in the same year in India, where mining operations are much nearer the surface, they were 65 per cent. Furthermore, any comparison is unduly favourable to India in so far as 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. On the other hand, part of the coal produced in India escapes record through being taken out by the labourers for their own use.

(a) The Company was registered in the United Kingdom

(b) The Company is also engaged in gold, diamond, etc., mining operations

COAL MINES—concluded

So far as the statistics of India itself are concerned the output in 1911 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
1906	98.5	145
1907	99.1	152.3
1908	98.8	153.5
1909	99	153
1910	103.8	158.6
1911	109.5	166.7

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 of cholera and other diseases are not infrequent and cause a shortage of labour. As the workings get deeper the need of a mining population which specialises in mining will become greater. 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 remote 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 1.043 which compares very favourably with the rates obtaining in other countries. The average rates are :—

United Kingdom	1.35	France	1.69
Belgium	1.0	Germany	2.12
United States of America	3.47	Japan	2.91

But if the death-rate is calculated on the quantity of coal produced, the results are less satisfactory. The death-rate per 1,000,000 tons of coal raised has averaged in India 11.1 since 1901. The corresponding average figures for other countries are :—

United Kingdom	4.9	France	8.9
United States of America	6.2	Germany	9.7
Belgium	6.2	Japan	25.7

COMPARATIVE STATISTICS

In view of the fact that Japan and India are rivals in some of the markets of the Far East 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 $\frac{3}{4}$ million tons more than that of India. Since then the production of Japan has gone ahead and now exceeds that of India by nearly 4,536,000 tons.

As regards foreign import trade, India, as already noted, diminished her imports steadily till six years ago, since when a revival has set in, though in the last two years the imports were appreciably smaller than in 1909.

Imports into Japan, under normal conditions, have been inconsiderable in comparison with India and are now nearly 57,000 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 544,000 tons. The quantity left for home consumption was about the same (nearly 11 million tons) in both countries in 1907. In 1908 India retained about two-thirds of a million tons more than Japan, but in 1909, on the contrary, Japan retained about a quarter of a million tons, in 1910, about one million and a half tons, and in 1911 a little more than two million tons, more than India.

The following figures show the estimated internal consumption of coal in Japan in the four years 1907 to 1910. The figures exclude bunker coal :—

	1907 Tons	1908 Tons	1909 Tons	1910 Tons
Railways	1,030,352	1,227,116	1,218,006	1,322,970
Production of salt	649,321	808,951	891,025	730,483
Factories	4,069,935	4,245,712	4,240,661	4,699,052
Other forms of consumption	2,133,107	(Not known)	(Not known)	4,300,000

These figures may be compared with estimates of the consumption of coal in India given on page 99. The freight per mile for coal carried by Indian railways to the places mentioned on page 100 is about 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 average rate of freight for coal on Japanese railways is $4\frac{1}{2}$ pies per ton per mile.

No. 1

Quantity of Coal produced in India in each year
from 1878 to 1911

COAL MINES

No. 1

QUANTITY (in tons) of COAL PRODUCED

Year	BRITISH PROVINCES									Total
	Burma	E. B. and Assam	Bengal	U. P. of Agra and Oudh	Punjab	N.-W.F. Province	Baluchistan*	Central Provinces	Madras	
1878	..	..	657,243	..	..	..	..	57,907	..	1,015,210
1879	..	..	801,047	..	..	..	..	33,515	..	924,562
1880	..	..	988,565	..	..	..	..	31,228	..	1,019,793
1881	..	..	930,203	..	..	..	..	67,527	..	997,730
1882	..	..	1,038,872	..	..	..	..	91,379	..	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	1,541,350	..	22,835	..	8,238	144,465	..	1,833,570
1890	..	145,798	1,626,245	..	40,677	..	15,541	137,022	..	1,965,193
1891	..	154,298	1,747,122	..	60,714	..	10,368	141,730	20	2,114,108
1892	3,670	164,050	1,920,050	..	66,352	..	13,284	132,005	61	2,299,472
1893	9,938	164,420	1,902,806	..	77,294	..	20,094	135,118	502	2,310,232
1894	12,111	169,448	2,035,934	..	66,407	..	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	177,250	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	131,929	..	3,675,966
1898	6,975	200,329	3,622,090	..	85,802	..	13,372	149,700	..	4,078,337
1899	8,105	225,623	4,035,265	..	81,835	..	15,822	156,570	..	4,623,226
1900	10,223	216,736	4,078,492	..	74,033	..	23,281	172,842	..	5,475,662
1901	12,466	254,100	5,487,685	..	67,730	..	24,656	191,510	..	6,038,053
1902	13,302	221,096	6,259,236	..	55,373	..	33,889	199,981	..	(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	7,063,680	..	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	..	60,740	..	42,488	134,038	..	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	..	37,298	90	52,440	238,700	..	11,294,227
1910	..	297,236	10,778,530	..	49,189	90	52,014	220,437	..	11,398,096
1911	..	294,893	11,468,904	..	30,575	140	45,707	211,016	..	12,051,835

(a) Including 187,703 tons converted into coke.

(b) " 191,666 " " " "

(c) " 186,454 " " " "

* Includes figures of Kalat State

INDIA in each year from 1878 to 1911

NATIVE STATES					Grand Total	Year
Hyderabad	Rajputana (Bikaner)	Central India	Kashmir	Total		
..	..	..	..	..	1,015,210	1878
..	..	..	..	..	924,802	1879
..	..	..	..	..	1,019,793	1880
..	..	..	..	..	997,730	1881
..	..	..	..	..	1,130,242	1882
..	..	..	..	..	1,325,976	1883
..	..	2,100	..	2,100	1,897,818	1884
..	..	7,608	..	7,608	1,294,221	1885
..	..	13,539	..	12,639	1,388,487	1886
3,269	..	15,497	..	18,766	1,564,063	1887
13,382	..	41,580	..	54,962	1,708,903	1888
59,046	..	82,956	..	112,602	1,948,172	1889
126,486	..	77,842	..	203,328	2,168,521	1890
144,068	..	69,741	..	214,409	2,328,577	1891
140,091	..	88,623	..	236,224	2,637,696	1892
157,421	..	94,348	..	251,769	2,662,661	1893
240,525	..	132,837	..	373,362	2,823,907	1894
292,918	..	118,479	..	411,394	3,540,019	1895
262,081	..	115,386	..	378,067	3,863,698	1896
305,850	..	124,778	..	490,328	4,066,294	1897
394,622	511	134,726	..	529,859	4,608,196	1898
401,216	4,249	164,669	..	570,034	5,093,200	1899
469,291	9,280	164,489	..	643,030	6,118,692	1900
421,218	12,094	164,362	..	597,674	6,635,727	1901
455,424	16,593	171,538	1,060	644,525	7,424,402	1902
362,733	21,764	193,277	999	578,772	7,428,386	1903
419,546	46,078	185,774	270	650,668	8,216,706	1904
454,294	42,964	157,701	..	654,959	8,417,739	1905
467,922	32,372	170,292	..	670,587	9,783,250	1906
414,221	28,062	178,888	..	626,871	11,147,339	1907
444,311	21,397	155,107	..	620,615	12,769,635	1908
442,892	11,449	121,496	..	578,837	11,870,064	1909
506,173	12,744	130,400	..	649,317	12,047,413	1910
565,380	14,761	143,558	..	663,699	12,715,584	1911

No. 2

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1902 so far as these are available

Provinces, Coal-field, District, and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—											
BURMA—											
SHWEBO—											
Kyoteubin . . . . .	....	...	8,720	...	...	...	...	...	...	...	...
Letkakpin . . . . .	....	13,302	686	1,105	...	...	...	...	...	...	...
UPPER CHINDWIN—											
<i>Worked by joint stock companies—</i>											
Titchauk . . . . .	....	...	...	...	...	1,222	...	...	...	...	...
TOTAL, BURMA											
		13,302	9,306	1,105	..	1,222	..	..	..	..	..
E. B. & ASSAM—											
MAKUM COAL-FIELD—											
<i>(1) Worked by joint stock company—</i>											
LAKHIMPUR—											
Upper Ledo	Assam Ry. and Tdg. C. L.	220,640	239,278	266,265	276,577	63,578	65,409	64,946	83,354	71,682	70,503
Ledo Valley (East and West)						89,099	97,578	92,795	101,204	99,416	94,623
Tirap						1,145	1,104	6,209	17,736	25,308	30,977
Namdang						69,776	62,815	41,933	34,385	36,805	31,842
Tikak						70,802	68,729	69,359	68,984	63,883	66,298
<i>(2) Worked by private owner—</i>											
Hopjon	Show Narain . . . . .	..	..	..	..	..	..	..	..	..	650
KHASI AND JAINTIA HILLS—											
Lakadong . . . . .	....	100	..	..	..	..	..	..	..	..	..
Maolong . . . . .	....	..	50	500	450	65	..	..	..	..	..
SIBSAGAR—											
Dikhu Valley . . . . .	....	..	..	..	38	..	..	..	..	..	..
Suffrai . . . . .	....	366	..	..	..	23	100	..	..	..	..
<i>(3) Non-act mines</i>											
Single Tea C. . . . .	..	..	..	..	..	..	..	..	..	142	..
TOTAL, E. B. & ASSAM											
		221,096	239,328	266,765	277,065	285,490	295,795	275,224	305,663	297,236	294,893
BENGAL—											
DALTONGANJ COAL-FIELD—											
PALAMAU—											
<i>(1) Worked by joint stock companies—</i>											
Rajhara	Bengal C. C. L.	19,352	25,947	50,517	71,294	86,768	81,873	91,768	83,100	84,996	70,662
Singra	7,610
<i>(2) Worked by private owners—</i>											
Singra . . . . .	..	..	..	..	..	..	..	4,623	1,130	..	..
TOTAL, PALAMAU—DAL-TONGANJ COAL-FIELD											
		19,352	33,557	50,517	71,294	86,768	81,873	96,391	84,230	84,996	70,662
HAZARIBAGH—											
GIRDIH COAL-FIELD—											
<i>(1) Worked by joint stock companies—</i>											
Dhobidih	Bengal-Girdih C. C. L.	..	..	..	..	(a)	..	..	18,592	25,273	20,710
Khuldih	Bengal C. C. L.	108,961	122,306	151,263	178,010	159,125	98,401	70,540	90,153	92,896	48,301
Kuturbari	E. I. Ry.	613,789	600,090	585,458	617,973	623,979	616,777	671,743	289,548	300,546	356,994
Serampore											
Pahardih . . . . .	....	..	..	..	..	..	..	..	..	..	..
<i>(2) Worked by private owners—</i>											
Barcadih . . . . .	....	6,121	4,168	3,534	2,500	..	..	..	..	..	..
Bayra or Lakhoria . . . . .	....	15,174	..	..	15,500	11,708	..	..	..	..	..

(a) Including Pahardih
 NOTE.—The figures of production for different mines in Bengal are in some cases not comparative owing to the change of name, transfer of pro-prietaryship and amalgamation of mines
 N. B.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Co.”=Coal concern; “Cl. C.”=Colliery Company; “M. C.”=Mining Company

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District, and Mine	Names of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—											
<i>contd.</i>											
BENGAL—contd.											
HAZARIBAGH—contd.											
GIRIDIH COAL-FIELD—											
<i>contd.</i>											
(2) Worked by private owners—contd.											
Budhadih	Budhadih C. C.	..	..	..	2,984	6,051	13,722	7,184	..	..	2,375
Burisdih or Chunjka	..	..	..	..	..	..	2,215	4,003	2,013	1,600	..
Lakhari, Mohallehna and Sikdardih (3 mines)	..	..	..	..	..	..	16,250	17,043	3,712	..	(d) 279
Parowata	..	..	2,500	830	1,864	2,858	2,919	2,590	..	..	..
TOTAL, GIRIDIH COAL-FIELD		(a) 776,656	(a) 706,871	(a) 773,128	829,271	803,321	750,374	782,703	702,811	679,304	704,443
(3) Non-act mines—Phosari—Noonibera											
..	..	..	..	..	..	..	..	..	..	1,224	..
JHARIA COAL-FIELD—											
MANDHUM—											
(1) Worked by joint stock companies											
Alkusa and Kustora (North)	Raniganj C. A. L.	219,459	187,859	121,458	124,642	86,784	163,568	200,028	159,295	161,501	180,277
Angarpatra	..	..	..	25,150	12,712	22,611	24,000	..	77,418	65,500	77,279
..	Unfon C. C. L.	..	..	..	..	..	..	..	28,599	5,944	12,000
..	National C. C. L.	..	..	..	..	..	..	93,289	..	..	..
Angarpatra and Kantapahari.	Angarpatra C. C. L.	..	..	..	..	..	..	..	23,191	(e) 16,973	(e) 16,114
Asakuti	Poyal C. C. L.	..	..	..	..	..	..	8,160	18,956	18,990	17,649
Banswarah	Khiroda C. C. L.	..	..	..	..	..	..	..	..	..	407
Bansjora and Sondra	..	..	13,000	7,000	9,000	10,400	15,045	34,339	9,472	5,033	..
Bustakola	New Borsbhum C. C. L.	..	..	..	..	638	20,594	12,029	12,933	45,090	52,267
Bulliri and Khaira	E. Indian C. C. L.	53,768	76,357	95,407	30,600	..	61,556	70,876	70,275	66,361	69,043
Benhia	Standard C. C. L.	66,542	13,261	78,854	82,290	..	34,304	..	71,445	86,652	82,130
Bhaga	Jharia C. C. L.	33,847	39,230	40,637	..	30,625	25,788	35,938	36,729	51,748	60,697
Bhagaband	Borra C. C. L.	916	400	181	28,960	60,304	74,893	75,213	89,659	107,743	111,459
..	..	..	..	20,000	6,500	..	..	..	..	..	..
Bhulgora	Bhulgora C. C. L.	(b) 21,673	(b) 65,251	185,265	159,522	191,540	187,179	(f) 105,480	108,897	139,732	139,732
Burragah	Burragah C. C. L.	..	..	..	..	..	..	24,897	26,466	32,659	32,659
Bhatli	Bengal Bhatli C. C. L.	..	..	..	..	..	..	41,676	38,942	9,492	9,492
Bhatind	Tata Iron and Steel C. L.	..	..	..	..	..	..	41,672	56,244	57,555	57,555
Bhowra	Eastern C. C. L.	..	..	..	..	..	..	..	..	1,000	13,250
Bhugutdih	Bengal Nagpur C. C. L.	30,119	53,269	86,090	142,539	157,739	169,383	206,066	189,728	186,344	164,659
Bhulanbarari	Bhulanbarari C. C. L.	84,273	46,810	62,903	75,110	95,977	100,782	144,853	67,862	108,660	122,697
Bhutoria, Kuper-goria, and Surgojia (3 mines)	Aldih C. C. L.	..	..	2,322	26,240	62,725	(f) 80,878	90,078	(f) 87,150	(f) 90,709	(f) 104,040
Brahmanbarari and Bhulanbarari (2 mines)	..	..	..	..	..	..	..	..	..	..	..
Budruchak	East Indian C. C. L.	..	243,583	147,448	40,500	170,719	171,550	180,282	216,626	272,798	263,910
Burragah	Budruchak C. M. C. L.	..	..	..	..	..	3,000	35,839	34,332	40,248	47,497
Busserya	Punjab and Bengal C. C. L.	..	..	..	..	..	..	..	..	..	..
Chaitudi	Busserya C. C. L.	..	..	18,140	23,230	39,960	44,501	37,292	50	4,800	10,800
Chusuala	..	..	41,141	55,635	44,619	46,053	60,608	57,859	43,096	..	..
Dhorajoba	Lodna C. C. L.	..	..	..	22,980	18,200	3,098	22,906	29,730	45,123	44,770
Fas	..	..	..	..	..	..	..	..	..	..	..
Gandudi	North-West C. C. L.	..	..	..	..	8,839	23,817	47,776	24,992	19,479	37,408
Ganshpur	..	..	..	..	..	19,912	27,222	..	..	..	..
Ganbudia and Dobari (2 mines)	Economic C. C. L.	..	..	..	..	..	..	..	..	6,946	12,876
Ganzlatan	..	..	..	..	..	..	5,645	..	..	..	..
Gobindpur	N. Manbhumi C. C. L.	..	..	..	31,134	37,162	26,244	21,180	28,161	64,219	60,163
(South)	Gobindpur C. C. L.	..	..	..	..	..	12,119	25,599	28,792	19,801	28,968
Godhor	South Gobindpur C. L.	36,800	..	..	32,002	..	29,266	34,158	30,702	29,889	42,022
Gopalakh	..	..	..	..	..	..	..	..	..	..	..
Gopalchak (West)	..	..	..	..	..	..	..	..	..	..	..
Gopalchak	Gopalchak C. C. L.	51,307	..	..	70,000	86,556	90,235	64,358	39,271	35,063	36,284
Haritadi	Gopalchak C. C. L.	..	..	2,116	11,789	23,250	38,680	90,598	76,827	57,503	64,440
..	..	..	..	..	..	..	48,026	20,329	1,558	..	..
..	..	..	..	..	..	..	..	16,752	7,219	..	..

(a) Defective in details

(b) Burragah only

(d) Sikdardih only

(f) Bhutoria only

(c) Including Ramkanali

(e) Including Kantapahari

(g) Bhulanbarari excluded

N.B.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Co.”=Coal Concern; Colliery Company; “M. C.”=Mining Company

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, and STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District, and mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—contd.											
BENGAL—contd.											
JHARIA COAL-FIELD—contd.											
MANBHUM—contd.											
(1) Worked by joint stock companies—contd.											
Huntodi	Huntodi C. C. L.	..	..	..	..	..	13,378	31,184	55,480	47,432	48,057
Industry	Industry C. C. L.	..	..	..	..	1,189	13,000	..	13,043	27,867	28,704
Jairampur . . . . .	..	..	..	..	..	8,080	10,587	..	..	..	..
Jamshoba (Boots. 1 to 4)	Indian Cl. S. L.	6,654	43,721	119,243	194,008	188,939	200,960	227,581	320,438	349,300	301,047
Jharia Khas	Standard C. G. L.	..	30,785	86,665	77,188	41,669	67,799	66,323	100,992	138,328	122,296
.. (East)	..	..	..	..	..	45,020	58,652	..	5,148	2,107	..
Jinagora . . . . .	..	..	..	..	..	..	10,867	..	4,114	8,499	..
Kankani	Eastern C. C. L.	..	73,447	76,858	74,467	96,048	112,639	130,387	82,025	90,021	65,713
Kantapahari . . . . .	..	..	..	..	..	..	..	13,215	..	..	..
.. (West)	Cont. Bengal C. C. L.	..	..	..	1,494	4,835	10,808	..	4,478	2,429	3,640
Kantapahari and Angapathra . . . . .	..	..	..	..	..	5,526	20,385	..	..	..	..
Katras	Nowgarh C. C. L.	..	102,800	100,015	105,425	110,175	118,099	102,280	103,878	104,669	152,889
Kendwadih	East Indian C. C. L.	72,190	86,597	79,526	25,372	103,445	97,615	113,893	140,395	87,528	77,456
..	Harildih C. C. L.	..	23,226	69,151	69,781	40,259	41,331	51,270	66,179	66,179	71,723
Keska . . . . .	..	..	19,838	10,746	151	..	..	..	..	..	..
Kessurgurh	Kessurgurh C. C. L.	..	..	..	..	..	..	16,907	19,927	11,172	8,708
Khaira . . . . .	..	..	..	..	..	55,184	62,770	95,411	..	..	..
Khas Jherria	Khas Jherria Cl. C. L.	..	..	..	..	..	..	78,459	60,803	67,982	89,580
Khera . . . . .	..	..	..	..	..	14,513	..	..	..	..	..
Kujama (South)	Bagdigi-Kujama Cl. L.	..	..	..	..	..	7,679	18,694	25,661	(a) 15,910	36,266
Kurkond (Central)	Cent. Kurkond C. C. L.	10,476	..	..	16,619	60,000	62,165	90,188	52,533	82,065	102,416
.. . . . .	..	..	36,194	29,061	71,401	30,038	..	..	..	..	..
.. (East)	Sudamdih C. C. L.	..	..	..	10,158	18,000	20,432	68,906	49,885	83,403	66,144
..	Marine C. C. L.	9,170	..	..	14,178	17,714	34,585	33,904	38,231	36,626	52,351
.. . . . .	..	41,581	..	47,000	31,658	..	..	..	..	..	..
.. . . . .	..	..	..	8,092	25,813	..	16,527	..	..	..	..
..	East Indian C. C. L.	..	..	..	..	..	14,514	32,062	33,500	20,470	30,421
.. . . . .	..	..	..	..	..	..	..	..	..	..	30,604
Kusunda	} Kusunda and Nayadi Cl. L.	..	..	91,971	92,251	129,379	175,404	280,649	218,032	184,035	144,863
.. . . . .	..	..	..	15,460	17,170	8,125	21,069	..	..	..	..
Kusunda . . . . .	..	4,391	..	8,490	18,278	27,220	..	8,930	4,737	11,700	9,231
.. (Now)	New Kusunda C. C. L.	..	..	..	..	..	..	..	53,036	45,054	42,641
Kustore (South)	Tariganj C. A. L.	..	..	..	20,941	32,462	46,334	54,629	64,647	77,313	89,204
Lakorka	Lakorka C. C. L.	17,415	..	..	20,941	32,462	46,334	54,629	64,647	77,313	89,204
Layabad	Harakor C. C. L.	..	75,030	95,926	95,178	117,442	118,048	86,945	115,421	158,000	192,361
Lodna . . . . .	..	33,145	..	..	23,703	26,087	44,040	60,008	..	..	..
.. and Madhuband	Lodna Cl. C. L.	..	31,384	21,552	248,049	213,902	245,142	282,145	260,050	280,485	279,004
Madhuband	Jumoni C. C. L.	..	..	..	17,561	68,741	66,914	60,178	84,128	64,341	8,170
Mohepur	Mohepur C. C. L.	..	..	..	..	..	..	..	767	6,046	10,942
Muchuridih	Muchuridih C. C. L.	..	..	..	..	..	1,202	10,693	21,317	17,456	20,035
Muddi	Roliance C. C. L.	90,770	..	..	95,380	97,488	106,045	110,463	88,724	60,830	86,990(a)
Muhuriband . . . . .	..	..	..	..	3,804	11,450	..	..	..	..	..
Muralidi	Bengal C. C. L.	..	15,443	53,611	79,382	33,683	88,800	110,301	112,291	95,508	113,148
Mutigarra	Mutigarra C. C. L.	..	..	..	..	..	..	25,708	16,829	23,780	14,974
Niochitpur . . . . .	..	..	..	..	..	..	..	10,262	1,267	..	..
Neomoodih	Beng. Iron & Steel C. L.	..	..	5,820	9,453	32,403	50,128	81,169	52,854	51,991	70,810
Nudkhoriki (East)	Auckland C. C. L.	..	..	..	..	..	895	20,000	15,424	7,347	9,075
Paddugora . . . . .	..	..	..	..	..	..	4,141	..	..	..	..
Pandakanni . . . . .	..	..	..	..	..	..	..	5,235	6,972	..	..
Pandedih (2 mines)	..	..	..	..	..	..	..	..	..	..	..
Parbad . . . . .	..	..	..	12,000	..	9,632	..	..	..	..	..
Pathargadda	Kohinoor C. C. L.	..	..	..	..	..	..	..	..	133	5,900
Pipratand . . . . .	..	..	..	..	..	..	..	670	10,930	24,490	..
Phularitand	Phularitand C. C. L.	..	..	..	..	..	..	9,288	10,217	36,450	27,067
Pindargaris (2 mines)	..	..	..	..	..	..	1,580	..	..	..	22,012
Pootki	Eastern C. C. L.	..	..	..	..	..	..	..	15,435	24,540	33,197
Ramkanni . . . . .	..	..	..	..	..	..	..	..	29,490	..	..
Sendra	Sendra C. C. L.	..	..	..	..	..	..	..	73,058	94,592	108,158
Sijua	Sijua C. C. L.	..	..	..	62,229	82,516	62,614	81,451	85,088	132,262	136,827
Sinidih	Sinidih C. C. L.	..	..	..	..	..	2,342	44,989	25,006	16,218	8,431
Sudamdih	Empre C. C. L.	..	..	..	..	12,950	16,741	18,748	30,806	32,427	34,021
..	Suramdih C. C. L.	..	..	..	..	..	..	..	12,154	10,138	34,642
..	Sudriadih C. C. L.	..	..	..	..	..	..	..	14,865	42,811	20,178
Sudriadi	Sudriadih C. C. L.	..	..	..	..	..	..	..	2,221	15,002	32,776
Sutikidi	Sutikidi C. C. L.	..	..	..	..	..	..	..	..	..	26,860
Tandabari	Tandabari C. S. L.	..	..	..	..	..	..	125	600	500	1,472
Tasra . . . . .	..	..	..	..	..	..	..	..	..	5,771	271
Tecturia . . . . .	..	..	..	..	..	..	..	..	..	..	..
.. (New)	New Tecturia C. C. L.	..	..	8,069	18,472	28,746	11,562	77,950	37,000	37,782	61,408

(a) 2 mines
(b) Including Nayadi and North Kustore

N.B.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “Cl. C.”=Colliery Company; “S.”=Syndicate; C. Cn.—Coal Concern; “M. C.”=Mining Company

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District, and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—											
<i>contd.</i>											
BENGAL—contd.											
JUARIA COAL FIELD—											
<i>contd.</i>											
HANDEMU—contd.											
(1) Worked by joint stock companies—conold.											
Tataria											
	(West)							16,719	9,837		
	Titilmuri	West Tatania C. L.	..	..	..	..	..	..	..	6,713	4,368
	Vasakalab	Titilmuri, Cl. L.	..	..	..	4,440	38,600	68,101	60,603	29,732	48,826
			..	..	..	..	..	..	618	..	..
(2) Worked by private owners—											
	(South)										
	Angarptra and Kan-	Kangs & Co.	..	..	..	8,075	50,520	42,091	37,772	53,507	40,327
	apahari	Trigunait, M. & B.	..	..	..	..	15,497	23,207	..	..	2,960
	Budighi	Trigunait, Bros., C. C.	..	..	5,498	..	10,578	..	10,999	16,871	15,466
	Bahardih		..	..	..	..	925	..	..	..	..
	Bamangarh		..	..	..	..	300	..	..	..	..
	Bansdohpur	Ban' doopur G. C.	..	23,725	17,500	3,000	86,000	55,335	72,082	85,006	80,000
	Barahmasia		..	..	..	..	..	704	..	..	..
	Baroa		..	..	..	..	50	..	..	..	..
	Baroabara (New)	M. Barwabera C. C.	..	..	..	..	..	3,066	76	264	4,280
	Barora		..	..	..	..	..	653	400	..	..
			..	..	..	..	..	560	..	..	..
	Bolari		2,152	11,355	26,997	26,618	38,000	22,434	..	..	..
			..	..	..	26,244	21,854	43,678	..	..	..
	Belunjabad		..	..	..	..	..	143	1,318	..	..
	Blatmura and		..	..	..	..	..	..	..	..	..
	Jamua		..	..	..	..	..	200	..	..	..
	Bhupatdih (South)		..	..	..	..	..	1,332	484	..	..
	Budora		..	..	..	..	..	..	60	..	..
	Braroabara	Jhar'a Hatras C. C.	..	..	..	650	1,700	3,200	153	239	500
	Bulliani	Ch'ni Lal C. C.	..	..	..	..	..	13,464	7,775	509	11,197
	" (2 mines)	Bulliani, C. C.	..	..	..	..	..	42,658	35,368	38,287	35,932
		Khora Ramji	..	..	..	..	..	18,892	17,536	17,481	14,673
	Chanda	Mucadam, R. A. & Sons.	..	..	..	..	..	..	..	..	2,850
	Chandore		2,997	200	2,505	1,680	4,229	7,004	3,376	1,991	3,330
			..	..	..	..	..	..	..	2,269	1,912
		Banerji & Co., H. C.	..	..	..	..	..	..	..	2,269	2,416
		Paia, B. L.	..	..	..	..	..	..	..	2,264	2,508
		Chandore C. C.	11,793	679	4,375	20,984	4,756	27,773	19,322	1,806	1,647
		Trigunait, B. B.	..	..	..	..	..	..	..	7,504	7,001
			..	..	..	..	..	..	..	34	..
		National C. C.	..	..	..	..	..	2,741	..	..	..
			..	..	..	..	..	5,736	..	..	1,572
	(New)		..	..	..	..	..	123	..	..	..
	Chandore, Kanta-	Trigunait, S.	..	..	..	..	..	..	2,068	2,527	3,382
	pahari, and Pan-		..	..	..	..	..	..	..	..	..
	deh (4 mines)		..	..	..	..	..	..	..	..	..
	Chandradab (2 mines)		..	..	..	21,636	22,441	22,553	(a) 12,712	9,420	..
			..	..	..	..	500	3,512	..	..	..
	Debakhara		..	..	..	..	..	9,000	..	..	..
	Dhansar (2 mines)		..	..	..	..	..	1,000	..	..	..
	Dharijoba	Dhar'ajoba C. C.	..	..	..	1,093	6,315	12,025	4,681	2,900	..
	Dhurmaband	Dhurmaband Co.	..	..	..	..	..	2,017	..	1,000	2,227
		Nandi & Bros., B. C.	..	..	..	..	35	1,193	..	(b) 1,250	500
		Fr. gie, H. A.	..	..	..	..	..	..	..	226	3,800
	(Central)		..	..	..	..	..	..	..	..	291
	Tbakhara		..	..	..	..	..	..	..	..	50
	Dobari	Bagchi, R. N.	20,587	..	..	11,177	2,962	25,916	33,622	19,985	16,453
		Kar & Bros., S. H.	..	..	..	..	1,825	4,114	2,108	2,740	16,737
		Lohari, C. C.	..	..	..	..	..	800	930	1,470	2,918
	(North)	Saha & C. C.	..	..	..	..	..	..	4,375	2,618	(c) 3,303
	Dumra Khas		..	..	..	..	..	4,200	1,641	1,200	..
	Durgapur	P. & D. Hamir	..	..	..	6,501	16,892	..	4,300	1,541	1,200
	Ekra Khas	Na'di, Maharoja, V. C.	35,000	22,000	34,857	55,900	60,500	74,900	(c) 21,587	(e) 10,882	5,841
	Enampahari	Jhar'ia C. S.	..	4,342	3,450	4,645	7,306	6,719	7,300	49,473	110,257
	Fatehpur	P. & D. Hamir	..	..	8,791	4,663	4,947	23,547	..	4,707	3,600
		Dona & Co., G. K.	19,997	..	..	..	..	..	..	..	7,147
		Agarwal, R.	..	..	..	..	2,907	4,620	(d) 21,448	1,790	1,345
	Gansdih	Roy, Bireswar	..	..	..	..	11,839	16,158	12,915	6,727	5,719
	Gurara	T. D. Howj	..	..	..	..	1,517	12,000	5,520	4,860	4,321
		R. Das, B. Das.	4,721	13,703	22,333	13,862	47,736	35,021	36,945	24,357	25,574
		Ray, M. & S.	..	..	..	..	..	..	11,601	15,837	30,348
			..	..	..	..	..	..	3,900	2,915	15,254
	Ghamsdia		2,900	..	..	297	..	..	6,672	4,228	2,700
	Ghumdi (Gandudi)		..	..	..	..	..	..	..	..	..
	G nagora (2 mines)		..	..	..	..	..	..	..	..	..
	Godhur	Raha & Son, S. B.	..	..	..	..	38,172	33,153	..	..	..
			..	..	..	..	37,540	43,823	79,804	57,191	55,273
	(Central)		..	..	..	..	..	..	750	1,125	227
	(West)		..	..	..	..	..	..	30	..	..
	Harisachak	Jhar'ia C. A.	..	..	..	..	..	1,200	6,880	..	..
	Isabella		..	..	..	..	..	..	3,500	4,600	6,000

(a) Argarptra included (c) Including Fatehpur (e) Including Ganhoodih
 (b) Included in Teantula mine (d) Including Kujana
 A.B.—“C. C.”=Coal Company; “L.”=Limited; “C. A.”=Coal Association; “S.”=Syndicate; “C. Ch.”=Coal Concern;
 “Cl. C.”=Colliery Company; “M. C.”=Mining Company
 Collieries

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District, and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—											
<i>contd.</i>											
BENGAL—contd.											
JHARIA COAL-FIELD											
<i>—contd.</i>											
MANBHUM—contd.											
(2) Worked by private owners—contd.											
Jinnagora	G. P. C. & Co. (Gova Patha)	..	..	..	..	..	2,821	43,796	{ 14,803 23,603	16,364 16,331	15,844 39,222
"	East Barari, C. C.	..	..	..	..	..	..	..	2,300	1,800	2,692
"	J. & K. Ramji	..	..	..	..	..	..	..	5,500	5,817	5,786
"	M. M. C. & Co.	..	..	..	..	..	..	..	5,500	5,817	5,786
Jharia Khas	Khora Ramji	..	20,500	10,258	15,409	5,400	27,091	22,090	25,006	22,408	21,672
Jogta	Agabeg Bros.	86,667	..	..	46,262	76,000	72,428	88,199	65,800	33,908	61,504
Joyramdih	Gorain, and others, N. L.	..	..	..	..	..	3,100	4,994	124	3,233	3,490
Joyrampur (lower)	Ghela Panenan & Co.	..	..	600	1,750	..	..	7,434	0,152	4,807	6,419
"	B. R. & Co.	..	..	..	..	..	..	..	{ 4,821 6,004	5,300 6,779	6,980 8,880
"	Khengarji Triker & Co.	..	..	..	..	..	..	..	{ 7,278 16,102	6,416 10,466	4,988 16,316
"	Khimji Moorji & Co.	..	..	8,100	12,020	21,228	24,028	74,880	..	..	..
"	M. V. A. C. Co. (M. V., Apear & Co.)	..	..	..	..	..	..	..	..	..	..
"	Joyrampur C. C.	..	..	..	..	..	10,862	14,170	6,515	5,491	5,071
Kandra	..	..	..	..	..	..	..	250	560	..	..
" (upper)	..	..	..	..	..	..	..	7,400	..	..	..
Kantapahari	Trigunait M. & B.	..	..	..	..	..	..	3,033	1,281	..	520
"	..	..	..	..	..	..	..	1,452	899	..	..
" (West)	..	1,092	..	4,005	4,359	..	6,000	9,798	..	..	..
Kendundi	Banorjee & Co., G. C.	..	..	..	..	..	..	..	..	..	429
"	C. & M. & Co.	..	..	..	..	..	..	..	..	..	{ 9,091
"	Gorain, R. R.	..	..	..	..	..	2,672	19,526	7,344	9,327	{ 1,441
"	Kendwadih C. C.	..	..	..	..	..	..	..	..	..	265
Kesalpur (3 mines)	Bose, J. N.	..	..	..	..	..	4,971	18,075	6,858	..	{ 13,012
"	..	..	..	..	..	..	..	8,803	..	..	..
"	Bharat	..	..	..	..	..	..	..	900	800	..
Keshabpur	..	..	..	..	..	..	..	1,437	..	..	..
Keshargarh	..	..	..	..	..	..	..	3,004	..	..	..
Khasia	..	..	..	..	..	..	..	..	1,820	1,200	..
Kharkabad	..	..	..	..	..	..	..	..	0	..	..
Khas Jharia	Agarwala, J. R.	..	..	..	..	41,669	11,852	16,436	20,103	25,008	24,074
" (New)	" Ramjus	..	..	..	..	..	..	3,078	..	22,577	20,900
"	..	..	..	..	..	..	..	{ 6,760 832	1,820	..	..
Koradih	..	..	..	..	..	..	..	..	..	..	..
Kujama (North)	Dosa & Co., G. K.	12,465	10,005	6,000	20,500	26,355	..	..	..	19,335	19,224
"	Khan Bros.	50	4,000	6,474	6,311	6,600	6,097	5,922	6,490	7,621	..
"	Dasa & Co., L. H.	..	..	..	..	{ 29,331 11,450	{ 29,331 17,756	{ 67,373 17,039	{ 21,283 17,039	{ 21,000 27,274	{ 18,886 20,040
"	Nanji Khanji & Sonji	..	..	..	..	..	..	..	..	..	..
" (South)	..	..	..	..	..	..	..	..	..	..	..
Kurkend	Kurkend C. C.	..	7,201	5,205	3,943	4,062	11,001	24,829	38,915	{ 22,033 10,199	{ 20,102 16,982
"	Mati Ram C. C.	..	..	..	..	..	..	..	..	..	..
"	Sirkar, R. B.	..	..	..	..	..	18,063	19,800	17,005	10,058	18,855
Kusunda	K. M. Selected C. C.	..	..	..	..	24,000	..	39,940	19,851	20,777	19,217
"	Patel & Co.	..	..	..	..	..	..	..	20,033	19,585	19,597
Lodna	N. Barakar C. C.	..	..	..	..	..	2,000	31,073	1,906	30,295	25,233
Lokmi Narayan	..	..	..	..	..	..	..	..	720	..	5,909
Lutipahari	..	..	..	..	..	..	..	..	360	..	..
Madhudi	Roy, J. K. & Bros.	..	..	..	..	..	..	..	..	50	283
Majhlitand	Majhlitand C. C.	..	..	..	..	..	..	..	..	..	350
Mandra	..	..	..	..	..	..	..	2,308	915	..	..
"	..	..	..	..	..	..	..	3,984	340	..	2,955
Mandra Khas	Parokh N. Bhai	..	..	..	..	..	..	..	325	..	..
Nadkburki	Nudkburki C. C.	..	..	..	..	..	..	4,955	26,879	35,121	20,300
Pandebera	Dasa & Co., L. H.	2,500	3,000	3,607	10,000	10,537	22,381	25,182	{ 12,430 18,407	0,672 17,041	{ 7,124 21,993
Pandedih	Pandey & Co. C. C.	..	..	..	..	..	..	..	..	..	..
"	Bhatnagarjee, U. C.	..	..	1,200	2,400	5,202	15,000	6,379	1,006	842	{ 125 7,111
"	Trigunait, M. B.	..	..	..	..	..	..	..	..	..	..
"	Chaudhuri, S. T.	..	..	..	..	..	7,783	6,408	1,200	2,003	609
Pandedih	..	..	..	..	..	..	..	95	176	..	..
" (2 mines)	..	..	..	..	..	..	2,405	6,422	..	..	..
"	Chandra & Sons, J. N.	..	..	..	..	..	..	..	..	..	973
"	Pal, J. B.	..	..	..	..	..	..	..	..	..	1,463
Parbad	East Barari C. C.	..	..	..	..	13,381	6,647	12,579	7,202	1,435	500
Porelgoria	..	..	..	..	..	..	1,800	2,000	..	..	..
"	..	..	..	..	..	..	..	2,325	..	..	..
"	..	..	..	..	..	..	..	073	3,300	08	..
Paredih Khas	..	..	..	..	..	..	..	..	..	..	..
Phulariab	Khas Jharia C. C.	3,752	5,547	7,707	5,240	9,632	22,277	33,593	17,257	20,688	21,403
Pinalgoria	Dama C. C.	..	..	..	..	..	..	5,825	4,829	3,449	3,350
"	Varna C. C.	..	..	..	..	..	..	11,787	1,000	1,500	1,650
"	..	..	..	..	..	..	..	..	498	..	..
"	..	..	..	..	..	..	..	1,616	..	..	..
Pindgoria	..	..	..	..	..	..	..	1,290	..	..	..
Ramgarh	..	..	..	..	..	..	..	..	..	..	..
Ramkannai	Dutt, B. L.	2,925	900	..	1,750	12,067	11,845	7,755	2,789	79	790
"	Trigunait, B. B.	..	..	..	..	..	..	3,600	..	..	888
"	Roy, Bereswar	..	..	..	..	..	1,950	3,871	166	1,834	3,116
"	..	..	..	..	..	..	..	..	2,308	..	..
"	..	..	..	..	..	..	..	3,450	..	..	..

(a) One mine N.B.—"C. C." = Coal Company; "L." = Limited; "C. A." = Coal Association; "S." = Syndicate; "C. Ch." = Coal Concern; "C. C." = Colliery Company; "M. U." = Mining Company

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1912 so far as these are available—continued

Province, Coal-field, District and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—											
— <i>concl.</i>											
BENGAL—<i>concl.</i>											
JHARIA COAL-FIELD											
— <i>concl.</i>											
MANIHUM—<i>concl.</i>											
(2) Worked by private owners— <i>concl.</i>											
Ranidih	Ranidih C. C.	..	..	..	..	..	..	..	282	..	2,207
Sindih	..	..	..	..	..	7,279	..	1,980	..	..	..
Sindra	..	23,650	12,330	37,433	62,839	50,620	..	..	..	..	..
Sitanala	Roy, P. N. & J. K.	..	..	..	..	..	..	..	..	100	280
Sonahad	Agarwala, J. R.	..	..	..	..	..	..	22,732	19,897	..	10,307
Sowardih	Sowardih, C. C.	..	..	133	140	31,005	46,132	43,790	9,965	6,167	21,459
Sundania	..	..	..	..	..	5,580	..	..	..	..	..
Suratand (New)	Banerji, J. L.	..	24,222	30,082	32,151	13,460	20,489	17,701	16,905	21,456	21,273
Suratour	Roy, Birowar	8,090	..	..	..	9,500	14,468	15,300	5,670	5,454	8,204
(Kally- Than)	Sil, K. B.	6,624	..	12,260	16,121	11,807	14,290	16,305	15,252	16,568	14,869
Tentulia	Tentulia C. C.	..	..	..	..	..	16,000	21,637	9,098	(b)14,483	13,000
(West)	Cent. Tentulia C. C.	1,167	..	500	2,600	22,000	25,126	8,472	2,285	3,992	7,175
Titura	..	..	..	..	..	..	19,360	..	1,089	488	625
Titra	Tetra, C.S.	..	..	..	..	..	..	..	..	678	656
Titri	Dhanji Dewji & Sons	..	..	..	..	..	..	..	..	..	216
Titri	Arya C. C.	..	..	..	..	..	..	..	..	..	..
Tundu	Tindu C. C.	..	..	..	..	3,865	10,650	11,874	846	1,596	3,111
Verakotal	..	..	..	..	..	..	..	4,246	..	..	..
Western India	..	..	..	..	..	..	..	5,206	2,103	..	..
HAZARIBAGH—											
Worked by joint stock companies—											
Douglia (Nos. 1 and 2)	Bokaro-Jha. C. fld. L.	..	..	..	..	..	..	..	..	82	55
TOTAL, JHARIA COAL-FIELD		(a) 2,420,786	(a) 2,408,729	(a) 2,869,504	3,070,588	4,076,591	5,179,185	6,458,643	5,832,672	5,794,616	6,373,728
RAJMAHAL COAL-FIELD—											
SANTHAL PARGANAS—											
Worked by private owners—											
Bargo	..	..	..	54	106	106	80	67	..	..	..
Domonpur and Bhalki	..	..	198	174	178	280	181	165	..	..	..
Ghat Chora	..	27	4	22	32	31	46	28	..	..	..
Katmirki and Madan- katta	Trikamji Jivandas & Co.	167	133	24	6	68	..	..	1,900	2,738	1,978
Sarsaband	..	..	..	..	..	..	..	..	53	..	..
TOTAL, RAJMAHAL COAL-FIELD		219	335	274	414	577	257	333	1,900	2,788	1,978
BOKARO		..	..	..	..	..	..	..	..	105	..
Baura	Banerji, S.	..	..	..	..	..	..	..	..	..	90
Budha	Munda C.	..	..	..	..	..	..	..	..	..	70
Burkhiad	..	..	..	..	..	..	..	..	..	..	..
Naisaral	..	..	..	..	..	..	..	..	..	81	..
Pamwalata	..	..	..	..	..	..	..	..	424	..	..
Phoyari	Talapatra, S. C.	..	..	..	..	..	..	..	2,120	1,852	308
TOTAL, RAMOARH BOKARO		..	..	..	..	..	..	..	1,782	..	..
TOTAL, RAMOARH BOKARO		..	..	..	..	..	..	..	4,326	2,166	468
RANTOANGI COAL-FIELD—											
BURDWAN—											
(1) Worked by joint stock companies—											
Akalporo	Hartladih C. C. L.	..	..	..	54	34,967	34,265	43,295	36,528	39,152	51,064
Aldih	Aldih C. C. L.	..	29,804	41,711	69,899	98,612	113,757	98,782	78,702	71,940	71,434
Aradanga	..	..	..	..	..	..	3,471	..	..	..	..
Asansol	Ghusik & Mus C. L.	..	..	..	..	..	..	..	..	400	1,239
Bagbundi	..	..	..	..	..	..	..	..	..	..	4,125
Babisola	Bibera C. C. L.	3,865	2,964	2,327	3,080	3,868	..	..	..	..	..
Bamanbandh	..	..	..	..	..	..	..	7,475	12,299	15,763	17,958
Bamundiha	..	..	..	..	..	..	..	..	993	1,825	..
Banali	Damuda C. C. L.	31,364	30,262	32,915	30,509	28,604	32,907	22,346	26,706	7,748	4,106
Banoli	Phularitand C. C. L.	..	..	..	546	8,299	16,513	14,035	11,558	11,344	18,478
Bankola	Eastern C. C. L.	..	3,641	..	41,627	79,256	84,698	69,011	31,455	20,505	24,788
Banksimula	Bengal C. C. L.	..	..	..	..	..	..	..	..	..	..
Baraboni	Bibera C. C. L.	3,230	2,398	3,854	2,757	..	5,598	27,731	47,786	64,483	56,441(c)
Baraboni	Baraboni C. C. L.	..	..	..	..	16,832	20,938	3,369	8,345	7,274	3,398
Baraboni	..	..	..	..	..	..	..	..	13,437	23,945	28,346

(a) Defective in details (b) Including Dharmaband (c) Including Faridpur
 N.B.—“C. C.” = Coal Company; “L” = Limited; “C. A.” = Coal Association; “S.” = Syndicate; “C. Co.” = Coal Concern;
 “Cl. C.” = Collieries Company; “M. C.” = Mining Company

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905 with STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District, and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA — contd.											
BENGAL—contd.											
RANIGANJ COAL-FIELD—contd.											
BURDWAN—contd.											
(f) Worked by joint stock companies—contd.											
Baraboni	N. Boerhum C. C. L.	33,320	117,685	133,304	146,687	146,623	142,295	127,261	(a) 148,948	(a) 137,635	(a) 136,767
	Ghusik & Mus. Cl. L.	..	..	..	..	..	35,065	25,046	16,234	22,034	19,624
Barnondia	Damuda C. C. L.	..	..	..	..	..	..	..	..	1,805	15,037
Bejhid	Equitable C. C. L.	..	..	..	..	..	..	..	..	..	1,407
Beluri	N. Boerhum C. C. L.	30,988	37,440	41,232	40,654	27,192	27,192	30,737	31,687	27,280	20,050
Bhaskajuri	Bhaskajuri C. C. L.	8,000	8,000	13,887	11,100	37,046	37,046	47,244	63,048	73,846	75,850
Borra	N. Boerhum C. C. L.	147,298	73,688	122,038	107,458	124,442	124,442	13,204	106,168	107,823	103,190
Burra-Dhomo	B. Dhomo C. C. L.	..	..	..	..	..	..	5,783	12,956	14,932	..
		..	..	..	..	..	..	11,732	21,700	32,187	18,797
		..	..	..	..	..	..	..	..	..	88
Charanpur	Roliance C. C. L.	35,908	38,414	50,709	73,185	83,422	83,423	50,843	67,805	73,101	74,736
Charnock	N. Boerhum C. C. L.	..	22,898	34,771	9,482	51,089	46,049	43,700	60,621	75,239	70,184
Chinouria	Baraboni C. Cn. L.	..	..	..	..	..	..	..	..	..	20,368
	Ondal C. C. L.	75,342	78,427	92,472	85,808	75,958	75,958	67,343	44,722	42,600	29,234
		..	..	10,545	35,117	5,889	5,203	..	..	..	..
Chora		..	..	18,439	17,027	18,528	18,528	..	..	..	..
Chotpathar	Bengal C. C. L.	31,484	00,568	82,186	71,930	81,897	80,643	64,277	68,430	74,054	82,068
Choto-Dhema	Damra C. C. L.	..	..	..	..	..	1,615	..	..	..	18,390
Damudapur	Phularitand C. C. L.	..	..	..	..	..	..	8,963	18,810	19,189	6,806
Damra (Old)	Equitable C. C. L.	195,463	227,806	220,687	199,285	214,545	210,249	213,503	167,767	180,651	191,089
Damra (New)		..	..	..	..	..	..	..	..	..	..
Desahgarh		..	..	..	..	..	..	..	..	..	..
Dhadka		53,081	13,115	21,626	13,336	..	..	..	..	..	..
Dhundabad	N. Maabhum C. C. L.	34,320	30,801	33,413	33,302	44,465	44,286	54,900	43,571	16,191	38,908
Dobolia		..	..	..	..	..	2,597	..	..	..	..
Fardpur		15,000	5,157	7,000	13,302	14,114	..	..	..	..	..
Filgate		19,300	44,559	42,826	28,340	19,401	..	..	..	..	..
Ganguria	Bengal Nagpur C. C. L.	38,144	46,600	41,824	60,756	25,896	25,896	2,833	15,545	14,480	9,760
Ghusik	Ghusik & Mus. Cl. L.	13,500	19,622	17,345	25,782	34,960	65,080	81,985	93,934	108,627	122,064
Gopalpur	Damuda C. C. L.	..	..	..	..	..	..	4,853	13,993	18,391	14,912
		..	..	..	..	..	..	..	..	..	1,803
		..	..	..	..	..	..	..	..	..	1,803
Harpur	Baraboni C. Cn. L.	9,468	7,828	7,296	10,232	12,734	7,610	22,028	33,962	19,194	12,004
Hatgarooie	Lutohipur C. C. L.	..	..	..	..	..	..	17,859	18,915	33,979	42,124
Jamgram	Barakar C. C. L.	50,279	40,343	19,458	46,351	45,870	45,870	76,280	74,047	67,484	56,673
Jangra	Equitable C. C. L.	80,134	101,995	124,300	134,532	140,063	146,328	136,266	127,982	127,067	139,043
Joba	Eastern C. C. L.	..	4,777	36,305	41,254	47,034	37,742	30,350	28,301	27,376	27,471
Jote Janaki (Singan)	Singaran C. S. L.	26,452	23,136	26,442	25,343	28,376	18,185	18,265	18,985	21,207	22,630
Joyramohak		..	..	..	..	..	..	1,778	3,275	..	..
Jubilee		..	..	..	..	..	3,787	3,445	1,722	..	..
Jugodi		..	..	..	..	..	..	49	..	..	..
Kalipahari	Nimeha C. C. L.	..	..	..	..	..	..	..	150	609	3,229
Kantapahari	Barakar C. C. L.	75,847	91,010	81,761	73,306	61,307	61,367	81,701	73,775	71,124	87,906
Kenda (New)	N. Konda C. C. L.	..	..	..	..	..	424	18,680	2,259	22,382	26,770
Kendua		..	..	..	..	..	..	12,677	13,774	10,410	..
Koolstore		..	..	..	..	..	..	720	6,227	..	..
Kuordih		..	..	..	..	810	820	24,145	32,502	43,152	55,958
	Kuordih C. C. L.	..	..	..	..	..	..	5,425	..	..	..
Lakshimganj	Lakshimganj C. C. L.	..	..	..	..	..	..	..	2,376	2,300	..
Lochpur	Damuda C. C. L.	23,420	50,360	46,648	38,205	43,441	36,905	24,503	35,381	62,238	47,910
	Lutohipur C. C. L.	37,596	30,687	29,160	29,697	31,242	31,242	23,205	32,388	26,085	37,352
	Imperial C. C. L.	..	..	..	..	..	..	28,918	20,129	19,800	26,575
Madhabpur		..	..	..	..	..	..	..	..	..	..
Madmadpur and Minto		10,000	14,000	11,041	7,265	14,544	..	..	..	..	..
Minto Nandi and Shekpur	Minto C. C. L.	..	..	..	..	..	701	7,770	5,205	10,895	24,974
Mosila		5,411	3,495	4,232	3,825	4,938	4,938	..	..	..	..
	
		2,100	2,808	3,000	2,993	3,778	4,793	..	..	..	..
Mouza Srethakpur & Basantipore	Basanti Oskdene C. C. L.	..	..	..	..	..	25,191	(b)24,870	12,405	17,923	21,319
Mondolpur	Mandolpur C. C. L.	..	..	..	..	..	..	..	..	85	2,833
Muslia	Ghusik & Mus. Cl. L.	..	..	..	..	..	..	..	6,808	10,169	23,618
Nandi	Adjai C. C. L.	62,907	61,788	66,926	67,561	71,162	74,062	67,966	53,199	57,740	60,160
		15,500	20,500	18,707	19,383	..	..	..	..	..	..
		4,687	6,925	4,997	14,200	22,000	23,416	19,861	..	..	..
Napara		..	..	..	..	9,378	9,289	10,754	..	..	..
		..	..	..	..	..	8,800	15,090	17,149	12,619	10,988
Narsamuda	Sitarampur C. C. L.	49,482	35,528	35,733	40,237	56,500	56,500	63,963	59,502	65,904	67,339
Nichlita	Nimeha C. C. L.	..	..	..	..	..	..	3,013	4,108	3,760	5,902
Nimeha	Baraboni C. Cn. L.	10,421	17,301	13,767	13,829	23,277	23,277	31,565	26,656	33,764	43,315
	Nimeha C. C. L.	..	..	..	..	..	..	..	5,306	11,128	6,974
Nuni	Baraboni C. Cn. L.	7,160	10,768	19,259	21,119	25,791	25,882	30,791	32,206	30,523	19,427
	Do.	..	..	..	..	..	..	..	459	..	12,462

(a) Including Ja-randanga

© The figures are 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.
 N B — "C. Co." = Coal Company; "L." = Limited; "C. A." = Coal Association; "S." = Syn'icate; "C. Co." = Coal Concern;
 Colliery
 "CL. C." = Collieries Company; "M. C." = Mining Company

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District, and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—											
<i>contd.</i>											
BENGAL—											
<i>contd.</i>											
RANIGANJ COAL-FIELD—											
<i>contd.</i>											
BURDWAN—											
<i>contd.</i>											
(1) Worked by joint stock companies—											
<i>contd.</i>											
Nunlapool	Nimocha C. C. L.	330	..	2,154	2,304	2,177	639	1,723	338	..	..
Panchgachia	Lutchipur C. C. L.	15,501	42,424	58,608	55,412	54,009	54,609	59,151	45,579	40,000	36,061
Parandip . . . . .	..	8,186	5,758	4,610	2,088	4,541	4,542	3,940	..	..	..
Parasoa	Parasoa C. L. . . . .	..	..	..	..	..	..	908	4,500	..	..
Pottory	Burn & Co. L. . . . .	..	..	..	..	..	2,770	12,500	18,788	18,679	16,784
Tretoria	Sibpur C. C. L. . . . .	..	..	..	..	..	..	..	..	..	..
Ragnathbhaty	Sudhi C. C. L.	24,250	35,345	48,059	42,368	49,180	49,180	56,287	62,798	59,035	54,992
Rannagar	Beng. Iron and Steel C. L.	20,710	38,423	54,959	29,497	29,497	47,251	31,118	16,714	22,853	21,479
Ranadanga	Economic C. C. L.	41,840	3,305	4,072	16,405	..	..	..	..	7,250	11,394
Raniganj	Bengal C. C. L.	36,400	34,018	44,978	38,415	46,909	46,609	48,061	43,211	56,998	55,227
Bulapur	Borra C. C. L.	177,872	106,363	192,428	146,108	94,014	94,014	74,833	72,067	75,377	55,674
Sanctoria	Bengal C. C. L.	59,497	85,298	92,682	69,380	82,570	82,570	69,561	91,467	109,933	119,554
Sarskora	Ind. Coal and Min. S. L. . . . .	..	..	..	..	..	..	..	..	..	276
Sarthakpur	Sudamdih C. C. L.	4,000	6,521	8,417	6,065	9,047	9,547	5,557	12,707	13,616	10,958
Satais	Satais C. C. L. . . . .	..	..	..	..	..	..	..	..	..	6,346
Satpukuria	Equitable C. C. L.	4,800	13,270	9,636	11,473	8,732	7,255	6,449	5,420	5,464	876
Satpukuria	S. and Assanul C. L. . . . .	..	..	5,235	4,027	..	..	10,389	16,710	36,978	37,022
Setlah . . . . .	..	..	..	..	..	..	..	..	..	..	..
Sibpur	Kat-Jheria C. C. L.	77,732	74,005	89,399	92,324	95,760	95,760	136,783	129,188	112,941	117,419
Sitalpur	Minto C. C. L. . . . .	..	..	..	..	..	..	..	25,734	26,504	25,217
Sodepur	Bengal C. C. L.	45,281	85,994	97,615	92,714	113,017	113,017	115,646	102,316	110,935	119,729
Sonehora	Do.	148,607	212,003	211,377	117,895	157,906	212,047	199,561	155,385	169,768	157,235
Sripur	Lodna C. C. L. . . . .	..	..	2,920	1,650	2,694	2,682	2,705	..	..	..
Sudhi	Sudhi C. L. . . . .	..	..	..	..	..	..	..	..	..	200
Sudhi	Baraboni C. Ca. L. . . . .	..	..	12,181	11,090	33,024	..	..	10,503	15,140	16,089
Sundar Chak	Shampur C. C. L.	14,854	10,181	13,000	14,711	23,589	23,586	11,801	10,056	12,023	11,318
Bamundih	Bura & C. L. . . . .	..	..	..	..	..	..	30	3,656	13,133	18,463
Sunpur	Ondal C. C. L. . . . .	..	..	..	..	600	5,258	4,647	5,219	..	..
Toposi	Bausrah C. C. L.	60,539	52,993	32,442	20,846	26,692	26,692	15,300	20,856	23,767	24,530
(2) Worked by private owners—											
Bamundih . . . . .	..	7,000	7,000	7,000	9,000	1,600	800	700	..	..	..
.. . . . .	..	6,400	1,127	3,947	1,906	..	..	..	..	..	..
.. . . . .	..	..	..	..	2,552	8,100	..	..	..	..	..
Ban Bishtapur	South Konda C. C.	5,046	3,600	6,339	2,880	5,035	12,068	2,413	3,064	..	..
Banabari . . . . .	..	21,813	16,385	15,380	14,962	..	2,277	10,522	10,560	23,977	16,198
" (West) . . . . .	..	13,103	6,176	6,830	4,774	..	..	..	..	..	..
" (South)	South Baraboni C. C.	4,604	7,191	5,292	..	..	..	..	..	..	..
" (Now) . . . . .	..	..	..	..	..	..	6,361	10,423	10,586	7,891	9,347
Begunia . . . . .	..	5,061	8,900	9,207	10,000	4,236	..	..	639	674	..
" . . . . .	..	14,649	6,368	4,850	4,884	..	5,255	..	..	..	..
" . . . . .	..	5,321	5,162	2,884	4,023	..	..	..	..	..	..
" Khas	Nandi, Maharaja, M. C.	19,375	17,883	14,271	12,809	15,212	15,212	17,601	11,864	8,754	9,942
Bhutdoba	Dutt, Koba C. C. . . . .	..	..	..	..	7,261	5,797	1,495	950	825	..
"	Bhagirathi C. C. . . . .	..	..	4,912	4,912	5,412	8,204	2,780	2,318	2,484	3,327
Bhutnura	Singh, N.	6,275	6,300	6,500	5,294	8,203	2,997	3,113	1,385	722	370
Binadikatta	Bhutnura C. C. . . . .	..	..	..	..	..	..	..	..	198	3,319
Bismabid	Sirear, B. B. . . . .	..	..	..	..	..	2,229	4,723	385	..	1,737
Boubahal	Marwari, J.	2,450	2,130	1,125	1,050	1,540	1,540	..	..	30	..
Bonjinari . . . . .	..	..	..	2,142	1,750	7,650	7,650	3,896	1,037	1,250	1,777
Borachak	Mukerji, U. C.	5,790	6,364	5,137	3,797	6,209	6,209	5,741	4,800	3,118	1,990
Burdwan (now)	Gusik C. Ca. . . . .	..	..	..	..	..	..	..	91	4,844	4,377
Champtoria . . . . .	..	..	..	..	..	..	..	..	696	..	..
Charanpur	Apar & Co.	41,810	58,792	82,329	75,801	71,497	77,497	60,401	63,996	78,897	93,774
Chote Dhomo	Mukerji, B. D.	44,670	56,609	50,521	42,858	39,921	39,921	4,186	33,432	32,013	43,763
"	Chattoji, R. D. & T. P. . . . .	..	..	..	..	..	..	36,881	5,712	2,721	2,893
"	Choto Dhomo C. C. . . . .	..	32,312	32,312	32,312	20,000	10,381	12,999	9,764	8,688	5,912
Chotononi . . . . .	..	..	..	..	9,245	3,033	3,033	..	..	2,712	..
Damra (now) . . . . .	..	12,340	13,000	13,000	13,000	13,000	13,000	..	..	..	..
" . . . . .	..	10,274	8,917	12,524	7,951	1,353	..	..	..	..	..
Dhadka	Dhadka C. C. . . . .	..	..	..	..	..	13,000	18,557	11,829	8,500	10,397
Doblia . . . . .	..	..	..	..	..	..	..	1,695	1,865	891	..
Dobrana (now)	N. Dobrana C. C. . . . .	..	..	..	..	..	..	1,933	1,933	1,933	2,100
"	Marwari, N. . . . .	..	..	..	..	..	..	950	..	..	3,043
Faridpur	Ghosh, A. C. & Banerji, U. C.	8,032	7,000	7,100	7,300	7,300	1,006	3,413	3,013	2,971
"	Poniat C. Ca.	13,141	12,111	11,058	18,340	22,987

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No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905 with STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—											
<i>contd.</i>											
BENGAL—contd.											
RANGANJ COAL-FIELD—											
<i>contd.</i>											
BURDWAN—contd.											
(2) Worked by private owners—contd.											
Ghusik	Bali Ram C. C.	44,803	43,752	42,190	55,578	60,780	34,950	21,252	16,986	21,215	18,892
" (Now)	Mukerji, B. D.	..	1,673	3,380	1,600	3,432	3,322	6,180	3,057	4,511	7,044
"	"	..	3,900	2,300	2,600	..	3,110	..	..	..	..
" (West)	Banerji, H. H.	..	..	622	5,997	..	..	..	..	..	..
" (North)	Marwari, Poolchand	..	..	..	..	1,406	4,364	4,231	6,309	3,723	3,765
Hariपुर	Throni C. C.	9,132	7,700	7,941	8,140	7,618	12,069	10,765	8,712	6,442	5,593
"	Chatterji, B. N.	..	..	..	..	9,210	11,362	15,936	15,086	13,107	..
Hatnal	Laik & Bros., M. L.	..	..	..	..	..	429	6,100	2,008	3,302	..
Jambhad	Jambhad C. Co.	..	..	..	..	..	..	..	..	..	2,363
Jamehari	Dabi, Rani, B. S.	29,944	10,840	30,433	23,503	27,841	22,416	22,780	10,707	26,108	18,463
"	Sundar & Co., Syam	..	..	..	..	..	..	..	..	..	3,34
Jote Janaki	Chatterji, P. K.	..	10,500	6,500	6,500	14,139	19,196	17,891	14,485	10,809	23,086
"	Santan Banerji	..	..	..	..	..	15,785	13,239	13,968	13,675	12,874
Kajora	Roy, Dutta & Co.	..	..	..	..	..	..	1,200	2,000	3,500	16,889
"	Kajora C. C.	..	..	..	..	..	..	..	5,464	16,404	21,502
"	"	..	..	..	..	..	..	..	173	1,815	..
"	Dabi, Jogdamba	..	..	..	..	..	..	..	..	928	3,793
Kalipahari (West Ghusik)	Singh, & Co., K. D.	8,850	6,235	4,725	4,548	6,530	4,170	6,179	..	6,961	3,083
"	"
"	"	9,740	5,238	5,719	4,933	11,429	12,160	4,511	..	..	..
Kashidanga	"	7,182	2,404	6,122	6,091	..	..	..	3,087	..	..
Kenda	Cent. Konda C. C.	..	..	..	..	..	..	8,688	1,070	2,109	3,410
"	Marwari, F. C.	..	..	..	..	..	..	..	8,083	7,352	8,162
"	Santan Banerji	..	..	..	..	..	..	..	658	2,868	6,313
"	Sundar & Co., Syam	..	..	..	..	..	..	..	..	..	160
"	Bania & Ken. Cl. S.	..	..	..	..	..	12,722	(a)3,240	(a)2,046	(a)3,697	(a)21,763
Kendra	Marwari, G. R.	2,850	3,600	4,400	8,100	10,200	8,060	4,420	6,761	8,512	7,000
Koshabganj	Do. Rambhila.	..	..	..	..	..	3,079	1,008	1,384	1,850	1,050
"	"	..	..	..	..	..	2,006	1,657	418	..	..
"	"	..	..	..	..	..	..	97	..	..	105
Khorabad	Roy, Jogannath	..	..	..	..	..	..	..	..	..	..
Khoodka	"	..	..	..	..	..	176	..	200	..	..
Lakshmgungo	"	..	..	..	..	..	6,900	2,766	..	..	..
Mahanpur	Misra, B. N.	..	..	..	..	..	..	600	..	231	265
Monglapur and Upper Dungalow.	Chatterji, T. N.	..	..	..	..	..	..	..	..	..	349
Mosla	Coverji Bhoja	800	..	..	3,800	4,240	3,400	2,700	2,000	..	4,085
"	Burdwan, C. C.	..	..	..	..	..	..	4,677	4,681	5,387	5,641
"	"	..	..	..	..	..	..	2,090	1,783	..	..
" (now)	Dey, N. & others	..	..	..	..	..	..	..	441	724	343
"	"	..	..	..	..	..	..	..	..	634	..
Moutdidhi	"	..	..	..	..	..	3,600	1,524	..	..	..
Nandi	Nandi, C. A.	8,067	11,609	8,000	7,406	6,100	..	..	15,514	14,503	9,136
Nawpara (khas)	Nandi, Maharaja, M. C.	5,210	11,143	9,577	15,156	14,710	39,803	19,349	21,812	17,185	14,860
"	Sircar, & Sons, N. C.	..	..	5,314	9,976	..	..	..	..	3,727	10,282
"	Sircar, S. N.	6,462	7,126	7,350	6,658	6,000	6,000	4,643	4,649	2,261	8,765
Niga Valley	"	..	..	..	..	..	..	..	710	2,710	..
Niga (South)	"	..	..	..	..	..	..	2,834	275	250	113
Pahargora	F. W. Heilgers & others	..	..	..	..	..	..	98	178	150	180
" (now)	"	..	..	..	9,121	23,300	23,000	8,072	6,768	4,777	2,991
Palasdiha	Roy, A. T. & J. K.	..	..	..	..	..	..	..	4,300	4,352	4,154
Purandip	Chongdar & Co.	..	..	..	..	..	275	6,553	5,684	5,818	5,228
Raghunath Chak	Raghunath Chak C. C.	3,075	1,530	325	100	..	15,378	..	..	..	..
Rampur	"	..	..	..	..	..	..	..	7,064	..	..
Ranadanga	"	..	..	..	..	..	..	..	127	46	..
Sabanpur	"	..	..	..	..	..	..	..	2,680	2,468	2,591
Sangramgarh	Hazara & Co., B.	..	..	..	..	..	..	..	..	..	..
Satpukuria	"	11,604	2,046	8,260	5,153	..	..	..	..	20,000	8,277
Seanol	Malta, R.	26,089	26,645	23,319	10,195	31,500	31,600	30,968	22,000	..	275
Sonachora	Sahana & Co.	..	..	..	..	..	6,438	7,350	10,287	19,294	18,074
Srikistopor.	Bali Ram, C. C.	..	..	..	..	..	..	..	..	..	..
Sudehi	"	2,105	3,548	2,032	4,688	..	..	..	..	..	..
Tajora	"	..	..	..	..	..	..	400	..	..	..
Vanora Khas (South-East Baraboni)	Nandi, Maharaja, M. C.	12,327	7,051	3,935	6,657	16,558	2,880	20,268	35,059	35,042	37,117
TOTAL, BURDWAN DISTRICT	..	(b) 2,736,805	(b) 2,828,881	(b) 3,111,186	3,023,291	3,232,412	3,490,482	3,560,933	3,520,361	3,731,660	3,850,259
BANKURA—											
<i>Worked by private owners—</i>											
Banskuri	Banskuri C. C.	4,500	2,903	420	1,502	..	..	..	..	..	3,102
Coalpur	"	..	918	..	..	..	..	..	..	..	..
Kalikapur	Banerji, R. N., and others	7,987	6,813	5,381	3,570	5,855	6,254	5,506	4,030	4,098	3,925
TOTAL, BANKURA DISTRICT	..	12,187	10,634	5,801	5,472	5,855	6,254	5,506	4,030	4,098	7,027

(a) Including Bania

(b) Defective in dots us

N.B.—"C. C."=Coal Company; "L."=Limited; "C. A."=Coal Association; "S."=Syndicate; "C. Co."=Coal Concern, "Cl. C."=Colliery Company; "M. C."=Mining Company

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District, and Mine	Name of present owner.	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA—											
<i>contd.</i>											
BENGAL— <i>contd.</i>											
RANGANSY COAL-FIELD— <i>contd.</i>											
MANBHUM— <i>contd.</i>											
(2) Worked by private owners— <i>contd.</i>											
Patalbari	Patalbari C. S. . . . .	..	..	..	..	..	2,542	13,019	2,159	3,020	5,604
Pitakiari . . . . .	..	..	..	..	..	..	..	..	209	..	..
Rodhaballavpur . . . . .	..	..	..	..	..	..	..	..	600	81	..
Rajpura . . . . .	..	..	..	850	3,834	1,938	2,202	1,200	1,832	1,174	1,213
"	Patel, L. B. . . . .	..	..	..	..	..	652	1,616	1,832	1,174	1,213
"	Pat. R. M. and Chouduri, S. K. . . . .	..	..	..	..	..	..	5,059	4,551	5,538	6,844
" . . . . .	..	..	..	..	..	..	..	..	582	..	..
" . . . . .	..	..	..	..	..	..	..	..	91	469	..
"	Patel, M. B. S. B. . . . .	..	..	..	..	..	..	..	..	76	87
"	Parekh, K. L. . . . .	..	..	..	..	..	..	..	..	..	233
"	Rajpur C. C. . . . .	..	..	..	..	..	..	..	..	250	1,522
Sango Mahal . . . . .	..	..	800	..	200	4,729	14,400	..	..	..	..
Sioidree	Parekh, K. L. . . . .	..	..	..	..	..	7,155	7,708	2,906	4,100	1,755
TOTAL, MANBHUM DISTRICT . . . . .	..	(a) 229,374	(a) 223,067	229,898	224,876	356,123	474,299	651,054	506,195	473,332	451,273
SANTHAL PARGANAS—											
<i>Worked by private owners—</i>											
Pulasthal	Sadhu, K. M.	670	605	524	536	816	575	..	257	230	862
Sultampur	Kaviraj, R. L.	1,337	1,421	704	886	1,095	1,049	2,588	2,122	1,722	1,247
TOTAL, SANTHAL PARGANAS. . . . .	..	2,007	2,026	1,228	1,422	1,911	1,624	2,588	2,379	1,952	2,109
TOTAL, RANGANSY COAL-FIELD. . . . .	..	(a) 3,042,223	(a) 3,066,720	3,350,267	3,262,536	3,050,563	3,981,050	4,221,781	4,034,812	4,212,006	4,311,066
SAMBALPUR COAL-FIELD—											
<i>Sambalpur—</i>											
<i>Worked by joint stock companies—</i>											
Rampur	Hinger Rampur C. C. L. . . . .	..	..	..	..	..	..	..	..	830	5,069
TOTAL, BENGAL . . . . .	..	6,259,236	6,361,512	7,063,680	7,234,103	8,917,820	9,003,348	11,559,911	10,966,811	10,778,539	11,468,004
PUNJAB—											
SALT RANGE—											
ATTOCK—											
Choi . . . . .	..	..	..	211	715	2	..	..	..	..	..
Surung Salar . . . . .	..	..	..	125	..	8	..	..	..	..	..
TOTAL, ATTOCK . . . . .	..	..	..	336	715	10	..	..	..	..	..
JHELUM—											
(1) Worked by joint stock company—											
Dandot	N. W. Railway	55,373	43,704	31,003	43,162	43,061	36,405	28,787	24,029	31,982	8,118
(2) Worked by private owners—											
Arra . . . . .	..	..	..	171	..	..	..	..	..	..	..
Chapper . . . . .	..	..	..	..	..	..	20	..	..	..	..
Chhaja . . . . .	..	..	..	..	..	..	87	866	955	..	..
Chiti Dand	Punjab C. C. . . . .	..	..	7,826	15,351	13,391	10,610	8,440	2,596	3,938	5,635
Dhola Dhar . . . . .	..	..	..	764	..	..	..	..	..	..	..
Gamrala	Dass, T. & R. . . . .	..	..	..	..	..	..	105	2,850	7,083	11,897
Mitha Choa . . . . .	..	..	..	494	3,105	386	..	..	..	..	..
Nanak Chand	Dass, Ishar . . . . .	..	..	..	..	..	..	..	1,422	2,052	470
Narianwala and Choanwala . . . . .	..	..	..	..	..	..	170	2,850	1,033	1,000	..
Natlanwalli Salariato (3 mines). . . . .	..	..	..	..	..	..	..	650	50	..	..
Sanundri	Dass, T. & R. . . . .	..	..	..	..	..	40	..	..	..	..
Vadnia	Dass, Ishar . . . . .	..	..	..	..	..	..	..	..	..	859
TOTAL, JHELUM . . . . .	..	55,373	43,704	40,268	61,018	57,438	47,298	41,407	34,135	46,655	26,982
MIANWALI—											
Anup . . . . .	..	..	..	..	..	..	765	..	..	..	..
Horikhel . . . . .	..	..	..	..	..	..	..	12	..	..	..
Lumshawal . . . . .	..	..	..	..	..	..	..	..	..	714	..
Makawal . . . . .	..	..	..	..	..	..	..	690	..	1,170	2,522
Tola Mubaji and Kuan Tunda Kheal	Singh & Co., R. B. A. . . . .	..	..	..	..	..	..	..	45	..	..
TOTAL, MIANWALI . . . . .	..	..	..	..	..	..	765	702	45	1,884	2,522

(a) Defective in details
 N. B.—“C. C.”—Coal Company; “L” — Limited; C. A.—Coal Association; “S.”—Syndicate; “C. Co.”—Coal Concern; C. C.—Colliery Company; M. C.—Mining Company.

No. 2—continued

QUANTITY (in tons) of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1902 so far as these are available—continued

Province, Coal-field, District, and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
BRITISH INDIA											
—contd.											
PUNJAB—contd.											
SHAHPUR—											
Worked by private owners											
Chota Tajoowala . . . . .	..	..	..	..	..	581	..	60	..	..	..
Katha . . . . .	..	..	5,000	..	289	110	..	..	80	..	..
Nalli . . . . .	..	..	..	..	..	..	..	..	..	..	..
Samowala	} Daas, B. & R. . . . .	..	..	..	..	15,000	12,986	12,025	} 1,055 1,893	650	1,071
Tajuwala
Thakarkot . . . . .	..	..	..	..	..	..	..	..	..	..	..
TOTAL, SHAHPUR . . . . .	..	..	5,000	289	15,071	12,686	12,685	3,028	650	1,071	..
TOTAL, PUNJAB (SALT RANGE) . . . . .	..	55,373	43,704	45,594	62,022	73,119	60,749	54,794	37,208	49,189	30,575
NORTH-WEST FRONTIER PROVINCE—											
Worked by private owner—											
HAZARA—	} Ram and Sons, Rocha . . . . .	..	..	..	..	..	..	90	96	90	140
Damtau
BALUCHISTAN—											
(1) Worked by joint stock companies—											
KHOSI—											
Harnai	Baluchistan C. C. L.	..	..	..	..	..	..	..	..	176	1,211
Khost	N. W. Ry.	25,982	36,444	38,574	34,140	32,500	29,378	31,547	40,237	42,829	39,574
Tangi	Baluchistan C. C. L.	..	..	..	..	..	..	..	..	423	(a) 1,538
(2) Worked by private owners—											
Davispur	Abdulla Asgar Ali & Co.	..	..	..	596	800	200	216	193	172	187
(3) Non-act Mines—											
Quetta Pishin district . . . . .	..	} 7,907	} 10,465	} 11,293	} 6,989	} 8,884	} 12,910	} 13,449	} 12,019	} 4,154	} 3,109
Kalat district										
TOTAL BALUCHISTAN. (b) . . . . .	..	33,889	46,909	49,887	41,725	42,164	42,488	45,212	52,449	52,614	45,707
CENTRAL PROVINCES—											
MOHPANI COAL-FIELD—											
NABSINGPUR—											
Worked by joint stock company—											
Mohpani	G. I. P. Ry.	43,645	31,443	26,618	22,998	27,503	41,322	48,241	60,667	39,483	51,983
CHINDWARA (PENCH VALLEY)—											
Worked by joint stock companies—											
Barkui	} Pench Valley C. C. L. . . . .	..	..	..	..	..	18,010	50,742	58,404	58,210	39,009
Bhujpani	280
Butera . . . . .	..	..	..	..	..	..	..	100	..	..	..
Chandanmetta	} Pench Valley C. C. L. . . . .	..	..	..	1,104	32,102	56,653	65,922	30,631	29,467	24,021
Craddock		Cent. Pench Valley C. C. L.	3,285	2,017	..
Jattoohapper . . . . .	..	..	..	..	..	..	..	200	964	..	..
TOTAL, CHINDWARA (PENCH VALLEY) . . . . .	..	..	..	1,104	32,102	74,663	150,249	92,196	87,677	63,030	..
WARDHA VALLEY COAL-FIELD—											
CHANDA—											
Worked by the Government of India—											
Ballarpur	} Govt. of India . . . . .	..	..	90	148	916	18,103	45,299	85,237	93,277	96,603
Warora	153,336	127,623	112,319	123,015	32,327
TOTAL, CHANDA . . . . .	..	153,336	127,623	112,409	123,163	33,243	18,103	45,299	85,237	93,277	96,603
TOTAL, CENTRAL PROVINCES . . . . .	..	196,981	159,154	139,027	147,265	92,848	134,088	213,789	238,100	220,437	211,616
TOTAL, BRITISH INDIA . . . . .	..	(c) 8,779,877	(d) 6,559,618	(e) 7,566,038	7,782,780	9,112,663	10,526,468	12,149,020	11,294,227	11,398,066	12,061,835

(a) Includes figures of Alanda

(b) " " " Kalat State

(c) Including 187,703 tons converted into coals

(d) " " " 191,608 " " " "

(e) " " " 186,454 " " " "

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No. 2—concluded

QUANTITY in tons of COAL PRODUCED at the PRINCIPAL MINES which were reported since 1905, with STATISTICS of previous years beginning with 1902 so far as these are available—concluded

Province, Coal-field, District, and Mine	Name of present owner	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
NATIVE STATES											
HYDERABAD—											
<i>Worked by joint stock company—</i>											
Singareni	Hydrabad (Deccan) C. L.	455,424	302,733	410,546	454,204	467,923	414,221	444,211	442,892	500,172	605,380
RAJPUTANA—											
BIKANER—											
<i>Worked by private owner—</i>											
Palana	Maharaja of Bikaner	16,503	21,704	45,078	42,964	32,372	28,062	21,297	11,449	12,744	14,701
CENTRAL INDIA—											
REWAH—											
<i>Worked by private owner—</i>											
Umaria	Rewah State	171,538	103,277	185,774	157,701	170,292	178,688	155,107	121,490	130,400	143,558
KASHMIR—											
JAMMU—†											
Ladda . . . . .	..	1,000	000	270	..	..	..	..	..	..	..
TOTAL, NATIVE STATES		644,525	578,773	650,668	654,959	670,587	620,871	620,615	575,837	649,317	663,699
GRAND TOTAL		(a) 7,424,402	(b) 7,438,386	(c) 8,216,706	8,417,739	9,783,250	11,147,330	12,769,035	11,870,054	12,047,413	12,715,534

(a) Including 187,703 tons converted into coke
 (b) " 191,600 " " " "
 (c) " 156,404 " " " "
 N. B.—" C. C." = Coal Company; " L." = Limited; " C. A." = Coal Association; " S." = Syndicate; " C. Co." = Coal Concern;
 " Cl. C." = Collieries Company; " M. Co." = Mining Company
 † Coal extracted in the course of prospecting operation

No. 3

QUANTITY and VALUE of FOREIGN COAL—PRIVATE MERCHANDISE—IMPORTED into BRITISH INDIA
from principal Foreign Countries from 1890 to 1911

	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 .	632,013	1,23,02,000	15,747	2,55,751	122	2,578	7,099	1,25,470	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	459,900	88,47,565
1900 .	91,703	24,27,107	14,718	2,58,210	..	..	27,752	5,30,073	1,476	29,115	135,649	32,44,565
1901 .	112,519	27,53,507	17,283	3,28,154	200	4,000	61,147	8,16,743	478	13,953	191,627	39,16,447
1902 .	108,574	38,05,545	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	25,220	164,140	30,39,964
1904 .	170,705	34,02,815	20,325	2,70,888	476	6,100	51,065	7,71,578	5,303	78,983	253,874	45,90,362
1905 .	147,700	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 .	190,215	38,30,556	13,061	2,53,985	15	150	5,358	72,408	7,516	1,44,092	228,365	43,01,191
1907 .	227,924	40,24,913	50,696	7,90,013	16,548	2,62,519	3,431	45,521	3,589	51,310	301,588	57,74,276
1908 .	173,405	37,33,039	120,699	21,01,125	71,831	12,17,923	2,960	48,848	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	1,62,092	21,096	3,20,124	490,421	82,60,019
1910 .	261,245	45,89,547	28,040	4,27,387	18,224	2,76,990	6,654	1,46,375	1,833	27,291	315,996	54,67,590
1911 .	245,043	43,35,780	35,703	5,67,366	15,086	2,02,743	6,975	1,04,625	15,862	2,34,419	318,669	54,44,943

No. 4

QUANTITY (in tons) of INDIAN COAL*—PRIVATE MERCHANDISE—EXPORTED from BRITISH INDIA
to principal Foreign Countries from 1890 to 1911

	To Aden	To British East Africa	To Mauritius	To Ceylon	To Java	To Straits Settlements	To Sumatra	To Hongkong	To other countries	TOTAL	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	R
1890-04 average	1,144	..	1,130	21,172	800	5,614	..	..	648	30,508	2,95,441
1895-99 average	8,657	502	8,134	128,933	..	61,327	966	..	3,919	212,438	22,10,311
1900	39,538	615	11,246	336,509	3,352	79,300	10,863	400	8,607	490,490	53,77,552
1901	60,961	15,219	18,512	365,906	3,691	88,085	10,690	50	24,757	557,871	63,28,361
1902	16,392	9,102	16,871	282,527	..	92,287	8,920	..	4,016	430,115	41,39,872
1903	31,210	20,302	10,126	252,912	2,297	111,520	10,993	..	2,578	441,938	34,15,116
1904	31,020	10,762	10,501	360,697	6,043	144,545	32,810	..	5,832	602,810	46,87,167
1905	29,312	..	15,032	376,853	9,788	229,230	33,859	81,762	7,197	783,033	61,61,370
1906	19,233	2,700	10,832	416,191	12,103	317,655	71,482	133,752	10,003	1,002,951	79,70,266
1907	13,835	3,700	4,087	320,735	8,264	202,445	84,337	11,266	9,476	658,145	52,73,404
1908	11,224	150	2,508	424,575	8,522	110,100	97,508	2	5,007	559,596	57,35,631
1909	3,460	..	..	313,355	4,718	128,768	79,394	..	34,215	563,940	50,75,918
1910	7,383	..	4,905	522,019	20,055	236,933	100,234	..	96,837	988,366	85,91,977
1911	11,667	..	..	494,063	5,206	225,459	109,383	..	16,399	862,177	72,64,059

* Excluding bunker coal

No. 5

QUANTITY (in tons) of AVAILABLE SUPPLY of COAL in INDIA from 1890 to 1911

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	2,184,140	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	6,118,602	490,490	5,628,202	5,763,850
1901	191,627	508	191,119	6,035,727	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	7,438,380	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	9,783,250	1,002,951	8,780,299	9,006,422
1907	301,588	49	301,539	11,147,339	658,145	10,489,194	10,790,733
1908	385,323	1,037	384,286	12,769,935	659,599	12,110,339	12,494,325
1909	490,421	-	490,421	11,870,064	563,940	11,306,124	11,796,545
1910	315,996	9	315,987	12,047,413	988,366	11,059,047	11,375,034
1911	318,000	207	318,462	12,715,534	862,177	11,853,367	12,171,819

No. 6

QUANTITY (in tons) of COAL carried by RAIL and RIVER from and to different trade blocks of INDIA during 1911

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)	..	4,004,737	338,189	21,203	19,323	126	53,357	44,695
Calcutta	12,380	..	..	16	..	..	..	..
Bombay Presidency (excluding Bombay Port)	..	..	..	697	..	..	799	149
Bombay Port	..	..	181,287	..	..	..	10	1
Sind and British Baluchistan (excluding Karachi)	..	..	..	..	..	397	..	..
Karachi	..	..	..	..	134,692	..	..	..
Madras Presidency (excluding Madras Ports)	..	..	32	..	..	..	..	2,885
Madras Ports	..	..	..	..	..	..	164,123	..
Eastern Bengal and Assam (excluding Chittagong Port)	..	..	..	..	..	..	..	..
Chittagong Port	11	..	2,517	..	..	..	..	..
United Provinces of Agra and Oudh	906	..	..	..	..	..	..	..
Punjab	..	..	..	..	160	..	..	..
Central Provinces and Berar	91	..	4,080	236	..	..	..	..
Rajputana and Central India	..	..	930	..	..	..	..	..
Hyderabad	..	..	121,548	16,479	..	..	99,706	16,335
Mysore	..	..	..	..	..	..	22	3
Kashmir	..	..	..	..	..	..	..	..
TOTAL IMPORTS	13,397	4,904,737	648,583	38,631	154,175	523	308,017	64,068

[Continued below

FROM	To									
	Eastern Bengal and Assam (excluding Chittagong Port)	Chittagong Port	United Provinces of Agra and Oudh	Punjab	Central Provinces and Berar	Rajputana and Central India	Hyderabad	Mysore	Kashmir	Total Exports
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Bengal (excluding Calcutta)	151,897	..	968,129	924,376	221,544	248,329	2,377	27,119	3,145	7,928,546
Calcutta	129,759	807	53	..	..	..	..	..	..	143,024
Bombay Presidency (excluding Bombay Port)	..	..	..	..	1,604	10,828	382	2,167	..	16,626
Bombay Port	..	..	..	119	73	4,934	702	4	..	187,130
Sind and British Baluchistan (excluding Karachi)	..	..	..	174	..	..	..	..	..	571
Karachi	..	..	..	54,203	..	2,045	..	..	..	190,940
Madras Presidency (excluding Madras Ports)	..	..	..	..	..	..	295	..	..	3,212
Madras Ports	..	..	..	..	..	..	721	9,185	..	164,029
Eastern Bengal and Assam (excluding Chittagong Port)	..	1,342	181	..	..	..	..	..	..	4,051
Chittagong Port	21,102	..	..	..	..	..	..	..	..	21,102
United Provinces of Agra and Oudh	..	..	..	6,442	44	489	..	..	..	7,881
Punjab	..	..	978	..	..	65	..	..	38	1,241
Central Provinces and Berar	..	..	324	..	..	2,317	28	..	..	7,076
Rajputana and Central India	..	..	15,471	885	58,426	..	..	..	..	75,712
Hyderabad	..	..	..	..	156	254	..	76,109	..	330,687
Mysore	..	..	..	3	..	..	..	..	..	25
Kashmir	..	..	..	..	..	..	..	..	..	3
TOTAL IMPORTS	302,758	2,149	985,136	986,202	231,847	269,261	4,505	114,584	3,183	9,081,756

No. 7

QUANTITY (in tons) of COAL EXPORTED by SEA from BENGAL and FOREIGN COUNTRIES to other provinces during 1911

From	To				
	Bombay	Sind	Madras	E. B. and Assam	Burma
	Tons	Tons	Tons	Tons	Tons
Bengal	940,209	256,907	270,274	25,920	393,798
Foreign Countries	286,345	28,522	7,026	..	17,043

No. 8

QUANTITY (in tons) of AVAILABLE SUPPLY of COAL in each PROVINCE during 1911

	Production	Imports (by sea, rail, and river)	Exports (by sea, rail, and river)	Balance available
	Tons	Tons	Tons	Tons
Calcutta . . . . .	..	4,905,307	2,988,623	1,916,684
Bengal (excluding Calcutta)	11,408,904	13,397	7,928,546	3,553,755
Bombay Port . . . . .	..	1,139,777	199,499	940,278
Bombay Presidency (excluding Bombay Port)	-	648,583	16,026	631,957
Sind and British Baluchistan	45,707	392,025	193,850	243,873
Madras . . . . .	..	615,630	167,257	448,373
Eastern Bengal and Assam	294,893	330,891	25,153	600,631
United Provinces of Agra and Oudh . . . . .	..	985,136	7,881	977,255
Punjab (including North-West Frontier Province)	30,715	986,202	1,241	1,016,676
Central Provinces and Berar	211,616	281,847	7,076	488,387
Burma . . . . .	..	415,180	..	415,180
Rajputana and Central India	158,319	269,261	75,712	351,808
Hyderabad	505,380	4,505	330,587	179,298
Mysore . . . . .	..	114,684	25	114,559
Kashmir	-	3,183	3	3,180

No. 9

QUANTITY of COAL and WOOD consumed on INDIAN RAILWAYS in each year from 1890 to 1911

Year	COAL			Per cent of Indian coal 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
	Indian	Foreign	Total					
	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	178,056	1,103,556	84	129	358,756	143,502	110
1894	1,062,748	127,520	1,190,268	89	139	339,657	135,863	104
1895	1,119,621	145,213	1,264,834	89	147	311,512	124,605	95
1896	1,162,051	108,442	1,290,493	92	150	321,052	128,421	99
1897	1,328,120	55,617	1,383,737	96	161	358,244	143,298	110
1898	1,418,241	39,055	1,467,296	97	170	383,380	153,352	117
1899	1,560,771	63,939	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	101
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	2,878,231	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	75,770	58
1908	3,604,094	79,633	3,683,727	98	429	165,085	66,034	51
1909	3,657,896	84,559	3,742,455	98	436	127,025	50,810	39
1910	3,801,248	52,147	3,853,395	99	449	127,723	51,089	39
1911	4,223,020	32,132	4,255,152	99	496	132,858	53,143	41

No. 10

AVERAGE VALUE (per ton) of COAL extracted from the MINES IN INDIA in each year from 1892 to 1911

Year	BRITISH PROVINCES							NATIVE STATES					TOTAL
	E. B. & Assam	Bengal	Punjab	Balu-chistan	Central Provinces	Others	Total	Rej-putana	Central India	Hydera-bad	Kashmir	Total	
	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.	₹ a.		₹ a.
1892	6 15	2 9	8 3	12 5	5 1	11 13	3 4	..	3 10	3 8	..	3 9	3 5
1893	6 15	2 10	7 14	12 2	4 11	6 3	3 5	..	3 11	3 8	..	3 9	3 6
1894	6 15	3 1	7 14	12 8	4 9	8 11	3 11	..	3 7	3 8	..	3 7	3 11
1895	6 15	3 3	8 1	13 4	5 3	5 7	3 11	..	3 7	3 8	..	3 8	3 10
1896	6 15	2 11	8 6	10 12	4 12	4 7	3 4	..	3 5	3 8	..	3 7	3 4
1897	6 15	2 6	8 6	14 14	4 11	6 7	3 1	..	3 3	3 8	..	3 7	3 1
1898	6 15	2 11	8 6	14 4	4 11	6 8	3 2	5 0	3 4	3 0	..	3 1	3 2
1899	6 15	2 11	9 5	14 13	4 9	6 8	3 2	4 15	3 6	3 0	..	3 2	3 2
1900	4 12	2 14	9 10	20 0	4 8	7 8	3 3	4 15	3 13	4 4	..	4 3	3 5
1901	4 12	2 10	8 3	13 13	4 9	7 8	2 15	4 15	3 10	3 14	..	3 13	3 0
1902	4 12	2 5	6 8	12 5	4 7	7 0	2 9	3 14	3 15	5 6	7 0	4 15	2 12
1903	4 12	2 4	6 7	9 10	4 8	4 0	2 7	3 6	3 13	4 14	4 0	4 8	2 10
1904	4 12	2 2	7 5	8 3	4 11	4 0	2 6	2 12	3 13	5 7	4 0	4 12	2 9
1905	4 12	2 3	8 3	8 8	4 8	..	2 6	3 6	3 13	4 10	..	4 5	2 8
1906	4 12	2 10	7 7	7 15	4 4	3 12	2 13	2 11	3 11	5 6	..	4 13	2 15
1907	4 12	3 5	6 15	7 13	4 10	..	3 7	2 10	3 13	6 0	..	5 4	3 8
1908	4 12	3 12	6 7	8 4	4 12	5 0	3 14	3 3	3 9	6 4	..	5 8	3 15
1909	4 12	3 4	7 15	10 12	4 9	5 0	3 6	3 6	3 9	6 4	..	5 10	3 8
1910	4 12	2 13	5 15	10 5	3 12	5 0	2 15	3 7	2 13	6 5	..	5 9	3 1
1911	4 12	2 11	5 4	10 11	4 0	5 0	2 13	3 3	3 3	0 0	..	5 5	2 15

No. 11

AVERAGE PRICES (per ton) of INDIAN and WELSH COAL since 1899

Year	CALCUTTA			BOMBAY			KARACHI								
	Bongal coal(a)			Desharghur	Powell's Duffryn	Indian coal		North Welsh coal							
	₹ 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	15	12	0	23	0	0	17	4	0	25	0	0
1901	3	12	0	15	2	0	24	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)	13	14	8	22	14	8
1919	4	4	0	13	7	0	17	10	0(b)	16	13	4 (c)	19	13	4 (c)
1900	4	9	7	13	3	0	18	14	0(b)	14	0	8 (c)	18	2	8 (c)
1911	3	12	0	13	7	8	20	1	8(b)	13	0	8 (c)	17	1	4 (c)
1912	6	3	7	16	14	8	23	2	7(b)	18	1	4 (c)	21	12	8 (c)

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

No. 12

AVERAGE NUMBER of PERSONS EMPLOYED DAILY in the COAL MINING INDUSTRY in INDIA, in each year from 1892 to 1911

Year	BRITISH PROVINCES				NATIVE STATES				GRAND TOTAL	
	Men	Women	Children	Total (a)	Men	Women	Children	Total		
1892	23,108	8,993	3,112	35,213	2,712	636	84	3,432	38,645	
1893	23,514	8,479	2,544	34,537	2,742	350	50	3,142	37,679	
1894	26,383	9,413	2,848	38,644	4,156	327	70	4,553	43,197	
1895	35,146	13,291	3,840	52,277	4,863	576	203	5,642	57,919	
1896	37,058	13,764	2,600	54,419 (b)	6,237	852	450	7,539	61,958 (b)	
1897	34,025	13,641	2,511	50,177 (b)	7,225	1,461	386	9,072	59,859 (b)	
1898	36,418	15,479	2,358	54,255	6,568	1,613	538	8,719	62,974	
1899	43,332	17,959	2,315	63,606	8,401	1,793	650	10,844	74,450	
1900	51,058	23,956	2,028	78,842	8,112	1,421	873	10,406	89,248	
1901	{ Below ground } 38,706	{ Above ground } 17,300	1,408	57,414	6,300	1,264	731	8,295	9,989	95,318 (b)
	{ Below ground } 16,076	{ Above ground } 9,220	1,751	27,947	1,396	165	133	1,694		
1902	{ Below ground } 41,717	{ Above ground } 17,009	1,726	60,452	5,827	1,115	808	7,760	9,379	98,312 (b)
	{ Below ground } 17,069	{ Above ground } 9,149	1,935	29,053	1,291	201	137	1,629		
1903	{ Below ground } 30,461	{ Above ground } 15,212	1,164	46,837	4,766	944	723	6,433	8,359	88,530 (b)
	{ Below ground } 16,792	{ Above ground } 8,559	1,373	26,724	1,634	175	117	1,926		
1904	{ Below ground } 38,497	{ Above ground } 15,839	1,118	55,454	6,894	368	748	8,010	10,738	92,740
	{ Below ground } 16,954	{ Above ground } 7,845	1,449	26,448	724	326	125	1,323 (b)		
1905	{ Below ground } 37,107	{ Above ground } 16,244	735	54,086	5,945	1,034	551	7,530	9,499	89,995
	{ Below ground } 16,907	{ Above ground } 7,959	1,544	26,410	1,643	221	105	1,969		
1906	{ Below ground } 40,352	{ Above ground } 19,121	805	60,338	5,526	958	634	7,118	8,079	99,138
	{ Below ground } 18,846	{ Above ground } 9,422	1,553	29,821	1,503	226	132	1,861		
1907	{ Below ground } 42,856	{ Above ground } 22,323	861	66,040	5,257	1,176	718	7,151	9,813	112,502
	{ Below ground } 23,411	{ Above ground } 11,666	1,572	36,649	2,082	443	137	2,662		
1908	{ Below ground } 48,888	{ Above ground } 25,204	1,116	76,208	5,378	1,577	1	6,956	9,066	129,173
	{ Below ground } 27,758	{ Above ground } 14,116	2,025	43,899	1,771	334	5	2,110		
1909	{ Below ground } 44,549	{ Above ground } 24,650	685	69,884	5,613	1,418	607	7,638	10,255	119,546
	{ Below ground } 25,490	{ Above ground } 12,311	1,029	39,307	2,076	350	161	2,617		
1910	{ Below ground } 43,250	{ Above ground } 23,054	589	67,493	4,046	1,598	813	6,457	10,596	116,081
	{ Below ground } 25,266	{ Above ground } 11,223	1,503	37,992	1,728	239	172	2,139		
1911	{ Below ground } 43,837	{ Above ground } 24,579	595	68,921	5,446	1,398	519	7,363	9,473	116,155
	{ Below ground } 24,829	{ Above ground } 11,454	1,478	37,761	1,733	237	140	2,110		

(a) Includes figures of Kalat State in Baluchistan
(b) Defective in details.

No. 13

COMPARATIVE STATEMENT of the PRODUCTION and CONSUMPTION of COAL in INDIA and JAPAN from 1890 to 1911

Year	PRODUCTION		IMPORTS		EXPORTS		QUANTITY RETAINED FOR CONSUMPTION	
	India	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	459,990	57,420	212,697	1,668,000	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	6,238,075	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	7,160,078	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	226,365	34,525	1,003,192	2,402,354	9,006,423	10,676,045
1907	11,147,339	13,496,044	301,588	18,164	658,194	2,875,521	10,790,733	10,638,687
1908	12,769,635	14,587,098	385,323	30,148	600,633	2,817,102	12,494,325	11,800,144
1909	11,870,064	14,732,570	490,421	129,858	563,940	2,798,563	11,796,545	12,064,263
1910	12,047,413	15,429,303	315,996	171,805	988,375	2,770,788	11,375,034	12,830,320
1911	12,715,534	17,251,456	318,069	256,565	862,384	3,250,816	12,171,819	14,257,205

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