

Departmental Publications

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DEPARTMENT OF STATISTICS, INDIA

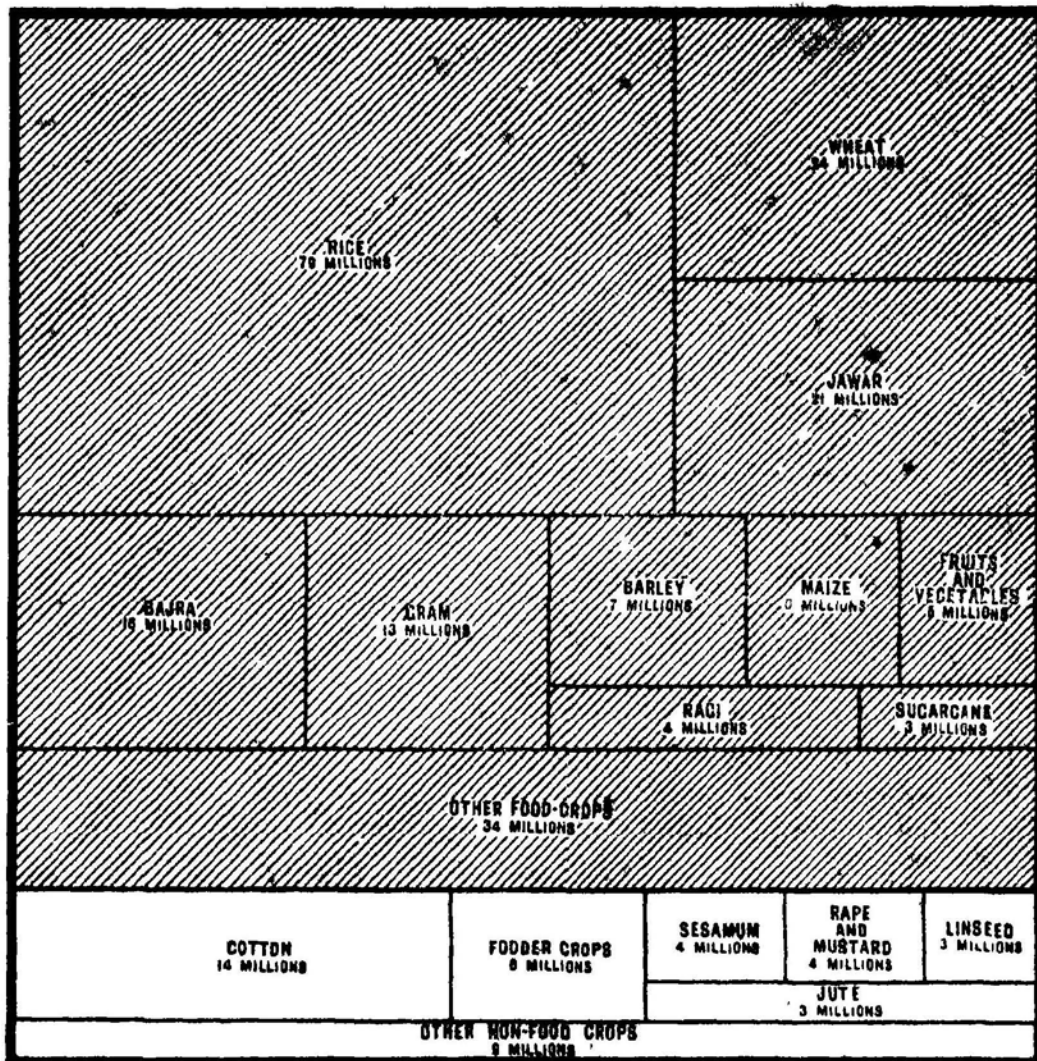
ANNUAL

1. Review of the Trade of India. As. 8. (2a.)
2. Accounts relating to the Sea-borne Trade and Navigation of British India for the Calendar year. As. 8. (2a.)
3. Annual Statement of the Foreign Sea-borne Trade and Navigation of British India:—
 Vol. I.—Abstract and detailed Tables of Imports and Exports. R4. (R1.)
 Vol. II.—Abstract and detailed Tables of Trade and Shipping with each country and at each Port; and the Tables relating to the trade of Aden and of the French and Portuguese Possessions of India. R3. (12a.)
4. Annual Statement of the Coasting Trade and Navigation of British India. R3. (7a.)
5. Accounts of the Trade carried by Rail and River in India. R1-12. (6a.)
6. Report on the Trade carried by Rail and River in Bengal. R3-8. (5a.)
7. Report on the Trade of Bengal with Nepal, Tibet, Sikkim and Bhutan. As. 14. (2a.)*
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9. Statistics of British India.—Part I.—Industrial, including Statistics relating to Factories, Mills, Mines, etc. R1. (4a.)
10. Statistics of British India.—Part II.—Commercial, including Statistics relating to Foreign Trade and Shipping, etc. R1. (4a.)
11. Statistics of British India.—Part III.—Commercial Services, including Statistics relating to Post Office, Railways, Telegraphs, etc. R1. (4a.)
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13. Statistics of British India.—Part IV (b).—Finance and Revenue, including Statistics relating to Principal Heads of Revenue, Salt, Opium, etc. R1. (4a.)
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15. Statistics of British India.—Part VI.—Administrative and Judicial, including Statistics relating to Administrative Divisions, Civil and Criminal Justice, Registration, Police, Jails, etc. R1. (4a.)
16. Statistics of British India.—Part VII.—Educational, including Statistics relating to Education, Printing Presses, and Publications. R1. (4a.)
17. Statistics of British India.—Part VIII.—Local Funds, including Statistics relating to Municipalities, Local Boards, and Port Trusts. R1. (4a.)
18. Agricultural Statistics of India—
 Vol. I.—British India. R2-8. (12a.)
 Vol. II.—Native States. R1. (4a.)
19. Estimates of Area and Yield of principal Crops in India. As. 4. (2a.)

Continued on page 3 of cover

(8) TOTAL AREA CROPPED IN 1912-13.

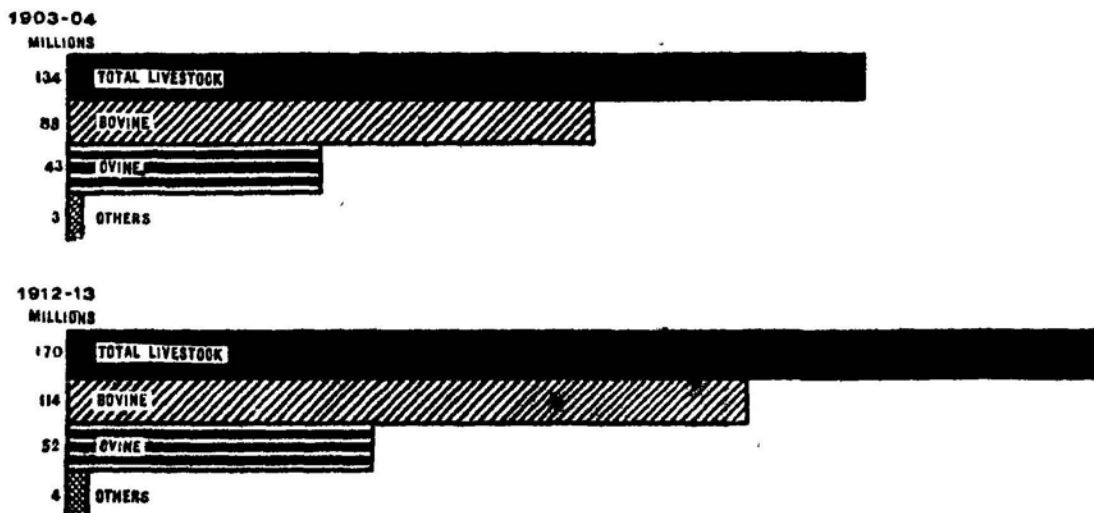
Total area cropped	255 million acres.
Area under food crops (shaded)	212 million acres.
Area under non-food crops (unshaded)	43 million acres.



NOTE.—Other food crops are minor food-grains, condiments and spices, and miscellaneous food crops.
Other non-food crops are oilseeds other than sesamum, rape and mustard, linseed, fibres other than cotton and jute, dyes, drugs and narcotics and miscellaneous non-food crops.

(9)

TOTAL LIVESTOCK, DIVIDED BETWEEN BOVINE, OVINE AND OTHERS IN 1912-13, AS COMPARED WITH THE YEAR 1903-04.



NOTE.—Bovine includes bulls and bullocks, cows, buffaloes, calves and buffalo calves.
Ovine includes sheep and goats.
Others include horses and ponies, mules, donkeys and camels.

TWENTY-NINTH ISSUE

DEPARTMENT OF STATISTICS, INDIA

Agricultural Statistics of India

1912=13

Volume I

**Area, Classification of Area, Area under Crops, Live
Stock, Land Revenue Assessment, and Transfers
of Land in British India**

Published by order of the Governor-General in Council



**CALCUTTA
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AGRICULTURAL STATISTICS OF INDIA

1912-13

VOLUME I—BRITISH INDIA

Report

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
DEPARTMENT OF REVENUE AND AGRICULTURE.

SIR,

I have the honour to submit the first volume of Agricultural Statistics for 1912-13. This annual volume is the twenty-ninth of the series started in 1886, with statistics for 1884-85, but it should perhaps be regarded as the first of a new series. Summary tables have been inserted to show the total figures relating to area, the classification of area, the area under crops, live stock, land revenue assessment, transfers of land for British India and each province, with a table on world crops. Explanatory notes have been inserted as footnotes to the tables. A series of charts and an index for easy reference have been added to the volume. The publication of the volume has been delayed owing partly to the extra labour connected with the changes in the volume, and partly to pressure of more urgent work on account of the war. In future years it is hoped to issue the volume earlier than has previously been the practice.

The statistics are compiled from annual returns furnished by the Local Governments and Administrations. Detailed information as to the sources from which the figures are collected in the different provinces is given in footnotes to the respective tables for each province. The statistics consist of six separate tables, namely, I—Area; II—Classification of area; III—Area under crops; IV—Live stock, ploughs, and carts; V—Land Revenue Assessment; and VI—Transfers of property in land. The totals of the figures given in these tables are shown in a series of summary tables. In addition to these there are four appendices:—A, B, C, and D. Appendix A deals with the average yield per acre of principal crops; Appendix B shows the changes made in district, divisional, and provincial boundaries; Appendix C gives the meaning of vernacular words used in the volume; and Appendix D contains an alphabetical list of crops cultivated in India and their classification in table III. This volume, it may be noted, deals with the agricultural statistics of British Provinces, while Volume II deals with those of Native States* as far as they are reported.

The period covered by the volume is the quinquennium ending 1912-13. The returns for each province relate to the following dates:—

Bengal, Bihar and Orissa, Assam, Coorg, and Manpur	Year ended 31st March
Central Provinces and Berar	„ 31st May
North-West Frontier Province	„ 15th June
United Provinces, Madras, Burma, and Ajmer-Merwara	„ 30th „
Bombay	„ 31st July
Punjab	„ 30th September

* In Appendix A (Volume I), however, figures relating to Mysore are included

It may be noted that the statistics relating to areas irrigated (Table II) and areas under crops and specification of crops (Table III) generally include the *kharif* and *rabi* crops, and relate to the year closing with the harvesting of the *rabi* or spring crop.

The total area of India is 1,799,000 square miles, or 1,151,574,000 acres, with a population of 315 millions according to the census of 1911. This may be divided as follows :—

	Acres	Population.
(1) British Provinces (including Native States under the control of Local Governments and Administrations) .	749,207,000	267,164,000
(2) Native States having direct political relations with the Government of India	316,396,000	44,767,000
(3) Specially administered territories in Burma (Shan States) and in the North-West Frontier Province (Tribal areas, etc.) not included under (1)	51,265,000	2,738,000
(4) British Baluchistan (including administered areas)	34,706,000	414,000
Total	1,151,574,000	315,083,000

No returns of agricultural statistics are prepared for (3) specially administered territories in Burma and in the North-West Frontier Province, nor for (4) British Baluchistan.

The total area of the British Provinces dealt with in this volume—748,869,000 acres,* or 1,170,000 square miles—includes 129,942,000 acres, with a population of some 26 millions, belonging to Feudatory and Tributary States, which are under the control of Local Governments and Administrations. These include in Burma the Mōngmit State, the Hkamte Long State, and the Upper Chindwin States; in Assam, Manipur and the Khasi and Jaintia Hill States; in Bengal, Cooch Bihar and Hill Tippera; in Bihar and Orissa, the Tributary States of Orissa and Chota Nagpur; in the United Provinces, Rampur, Tehri, and Benares; in the Punjab, the Phulkian States, Bahawalpur, the Delhi and the Jalandhar Division States, and the Simla Hill States; in the North-West Frontier Province, the Phulera and Upper Tanawal States; in Sind, the Khairpur State; in Bombay, the Gujarat States (excluding Baroda), the Konkan States, the Satara Jagirs, and the Southern Mahratta States; in the Central Provinces, the Chhattisgarh States; and in Madras, the States of Travancore, Cochin, Pudukkottai, Banganapalle, and Sandur. Of these States, Agricultural Statistics are prepared for most of the States in the Punjab and all the States in Madras; but they are dealt with in Volume II along with the States having direct political relations with the Government of India.

Thus, by deducting 129,942,000 acres belonging to Feudatory and Tributary States from the total area of 748,869,000 acres included in British Provinces, a balance of 618,927,000 acres is left (as shown in Table I), which represents the area of British territory according to professional survey. The professional survey is that carried out by the Survey of India in Northern India, and by the corresponding departments in the Southern Presidencies. The Agricultural Statistics are, however, prepared in a number of provinces or parts of provinces from “village papers”, *i.e.*, papers prepared by the village accountants for the purposes of assessment and collection of land revenue. The area given in the village papers of the United Provinces, the Central Provinces and Berar, Madras, the Punjab, and the North-West Frontier Province differs to some extent from the area ascertained by professional survey. The causes of this difference are: (a) while the survey area of a district or province is calculated in block, the area by village papers represents the added total of field and village areas; and (b) the system followed as regards the inclusion or exclusion of areas covered by water, buildings, roads, and rail roads, is not

* Excluding 938,000 acres for the new Delhi Province (created in 1912-13), for which statistics for 1912-13 are not available.

uniform in the two sets of returns. Substituting the area by village papers for the area by survey in respect of provinces and tracts where the two sets of returns differ, the actual area of British territory for which statistics are given in this volume is 616,738,000 acres, or 964,000 square miles, as against 618,927,000 acres or 967,000 square miles according to the professional survey.

This area is classified, for the purposes of Agricultural Statistics, as shown in the margin. About 82,400,000 acres, or 13 per cent of the total, are occupied by forests, and land absolutely barren or unculturable or covered by buildings, water, and roads, or otherwise ap-

	Thousand acres.	Per cent.
Forests	82,400	13
Not available for cultivation	146,387	24
Culturable waste other than fallow	115,025	19
Current fallows	48,760	8
Net area cropped	224,166	36
Total	616,738	100

propriated to uses other than agriculture, amounts to 146,387,000 acres or 24 per cent. The balance, 387,951,000 acres or 63 per cent, represents the area available for cultivation. Of this, 115,025,000 acres, or 19 per cent of the total area, represent culturable waste, i.e., land available for cultivation but not yet taken up, and 48,760,000 acres, or 8 per cent, were kept fallow in the year of report. The net area actually cropped in the year was therefore

	Proportion of cropped to total area.
United Provinces	53 per cent.
Bengal	51 "
Bombay	51 "
Bihar and Orissa	61 "
Punjab	40 "
Madras	38 "
Central Provinces and Berar	38 "
North-West Frontier Province	25 "
Manipur	23 "
Ajmer-Merwara	20 "
Assam	19 "
Coorg	14 "
Sind	13 "
Burma	13 "

the year of report amounts to 255,356,000 acres, against 249,002,000 acres in the preceding year.

The term "forests" in the returns of Agricultural Statistics means "any land classed or administered as forest under any legal enactment dealing with forests." Any cultivated areas existing within such forests may, however, be excluded and entered in the column "net area cropped". The forest areas returned in the Agricultural Statistics do not agree in most cases with those stated in the reports on the administration of the Forest Department for various reasons,* the chief amongst which are the following:— (1) the forest administration reports and the returns of agricultural statistics relate in many cases to different periods, (2) the administration reports relate exclusively to forests worked by the Forest Department, while the tables of agricultural statistics exhibit in addition forest areas administered by district officers; (3) certain village lands worked by the Forest Department and returned as forest lands by that Department are not treated as forests in the returns of agricultural statistics. Of the total forest area returned in the agricultural statistics (82,400,000 acres in 1912-13), 23 per cent lies in Burma, 21 per cent in the Central Provinces and Berar, 14 per cent in the Madras Presidency, 11 per cent in the United Provinces, 10 per cent in the Bombay Presidency, and the remaining 21 per cent in other provinces.

As can naturally be expected, most of the barren and unculturable lands lie in the hilly tracts of Burma and of Southern India and in the dry and deserty regions of North-Western India. Of the total area "not available for cultivation" (146,387,000 acres in 1912-13) about 30 per cent lies in Burma, 16 per cent in the Madras Presidency, 10 per cent in Sind, and 9 per cent in the Punjab.

The head "culturable waste other than fallow" shows lands available for cultivation but not taken up. It includes areas such as groves not classed in the cropped area, and areas under bamboos and thatching grass when not

* For differences in respect of provinces, see notes at foot of tables Nos 25 to 40.

forming parts of forests areas.* Of the total culturable waste lands (115,025,000 acres in 1912-13), 22 per cent is in Burma, 15 per cent in the Punjab, 13 per cent in Assam, 12 per cent in the Central Provinces, 9 per cent in the Madras Presidency, and the remaining 29 per cent in the other provinces.

Current fallows

The maximum period for which land left uncultivated is reckoned as fallow varies in the different provinces, from two years in the Punjab and the North-West Frontier Province to ten years in the Bombay Presidency, according to local laws and customs. After this period the land, if still left uncultivated, is treated as abandoned and included under the head "culturable waste". Owing to this diversity of practice, the classification as between "culturable waste" and "current fallows" is of doubtful statistical accuracy; a plot of land, for instance, left uncultivated for, say, 6 years, would be treated as fallow in the Bombay Presidency but as culturable waste in the Punjab. The total area returned as "current fallow" in 1912-13 was 48,760,000 acres, as against 54,982,000 acres in the preceding year, or a decrease of 11 per cent.

Irrigation.

The total area irrigated in 1912-13 was 45,539,000 acres, as against 40,679,000 acres in the preceding year. Of this, 17,764,000 acres were irrigated from Government canals, 2,493,000 acres from private canals, 6,825,000 acres from tanks, 12,351,000 acres from wells, and 6,106,000 acres from other sources of irrigation. In India irrigation on an extensive scale is ordinarily resorted to in tracts where the rainfall is most precarious. In Lower Burma, Assam, Eastern Bengal, and the Malabar Coast (including the Konkan),

	Proportion of irrigated to total cropped area
Sind	82 per cent
Punjab	47 "
North-West Frontier Province	41 "
Ajmer-Merwara	34 "
Madras	28 "
United Provinces	27 "
Bihar and Orissa	18 "
Bengal	9 "
Burma	8 "
Assam	6 "
Bombay	4 "
Central Provinces and Berar	4 "
Coorg	3 "
Manipur	3 "

where the rainfall is ordinarily heavy, the crops hardly need the help of irrigation, unless there is an unusual scarcity of rain. Of the total area irrigated in 1912-13, 25 per cent was in the Punjab, 22 per cent in the Madras Presidency, 21 per cent in the United Provinces, 10 per cent in Bihar and Orissa, 7 per cent in Sind, and the remaining 15 per cent in the other provinces. The proportion of irrigated to total cropped area in each province is stated in the margin.

The figures in the preceding paragraph do not take into account areas cropped more than once during the year with the help of irrigation, but indicate the extent of land actually irrigated. Counting areas cropped more than once as separate areas for each crop, the gross area of irrigated crops was 49,200,000 acres in 1912-13, against 44,400,000 acres in the preceding year. Of this area, 41,800,000 acres, or 85 per cent, were under food crops, and 7,400,000 acres or 15 per cent under non-food crops. Of the irrigated food-crop area, 9,100,000 acres were cropped with wheat, 28,100,000 acres with other cereals and pulses, and 4,600,000 acres with other food crops. These statistics of irrigated crops are in some cases defective as explained in the notes at the foot of table II (pages 46-49).

Table III.
Area under crops

The areas cultivated with the different crops represent the areas actually sown, whether the crop comes to maturity or not, except in cases where fields, owing to the failure of the first sowings, have been devoted to other crops; in such cases the area first sown is omitted. In cases where two or more crops are grown together on the same field, an estimate is made of the area covered by each, and the areas so estimated are separately returned under the respective crop headings. The estimate is made by the village accountant, or is subsequently determined on formulæ prescribed by the provincial authorities. In certain tracts, where the village staff does not exist, estimates are made on the best available information. An exception to the above rule is, however, made in the United Provinces, where the area sown with unimportant mixed crops, for which no separate heading is provided in the provincial crop statements, is assigned to the principal crops by the village accountant. In the same

* For details in provinces, see notes at foot of tables Nos. 28 to 40.

province this procedure is also followed in the case of oilseeds thinly sown in combination with food-grains; in this case the whole area of the mixed field is assigned to food grains.

The gross area cultivated with crops was, as stated above, 255 million acres in 1912-13 as against 249 million acres in the preceding year, or an increase of 6 million acres or 2·5 per cent. The different classes of crops and the area occupied by each are stated in the margin. Of the total cropped area, food-

	Thousand acres.	Per cent of total.	crops occupied about
Food-grains	201,372	78·9	212,272,000 acres or 83 per
Condiments and spices	1,390	0·6	cent, and non-food crops about
Sugar	2,712	1·1	42,612,000 acres or 17 per
Fruits and Vegetables	5,468	2·1	cent. Of the food-crops, food-
Miscellaneous food-crops	1,332	0·5	grains (cereals and pulses)
Total food-crops	212,272	83·2	occupied as much as
Oilseeds	14,936	5·9	201,372,000 acres or about 79
Fibres	18,268	7·2	per cent of the total cropped
Dyes	639	0·2	area, and other food-crops
Drugs and narcotics	1,931	0·8	(condiments and spices, sugar,
Fodder crops	5,770	2·3	fruits and vegetables, and
Miscellaneous non-food crops	1,068	0·4	miscellaneous food-crops *
Total non-food crops	42,612	16·8	

together) occupied some 10,900,000 acres or only 4 per cent of the total. Of non-food crops, fibres, such as cotton, jute, hemp, etc., occupied 18,268,000 acres or 7 per cent of the total cropped area, and oilseeds occupied 14,936,000 acres or 6 per cent. The other non-food crops *—dyes, drugs and narcotics (tobacco, tea, coffee, opium, etc.), fodder crops, and miscellaneous non-food crops—together occupied some 9,408,000 acres or about 4 per cent of the total.

The area under food-grains (201,372,000 acres) showed a net increase of 6,275,000 acres or 3 per cent as compared with the preceding year. The

	THOUSAND ACRES.		
	1911-12	1912-13	Increase (+) or Decrease (-)
Rice	76,637	78,752	+ 2,115
Wheat	25,025	23,861	- 1,164
Barley	8,433	7,420	- 1,013
Jawar	18,386	20,968	+ 2,582
Bajra	11,003	16,269	+ 5,266
Ragi	1,296	4,456	+ 3,160
Maize	5,591	6,416	+ 825
Gram	11,129	12,423	+ 1,294
Other grains and pulses	29,507	30,907	+ 1,400

rice) showed an aggregate increase of 8,758,000 acres. The increase in the area under autumn and early winter crops may be ascribed to the good monsoon rainfall of the year, and the decrease in the area under spring crops to the failure of the winter rains, particularly in Northern India. Minor grains and pulses also showed an increase of 1,400,000 acres. Of the total area shown in the table under food-grains (201 million acres in 1912-13), 16 per cent was in the United Provinces †, 15 per cent in the Madras Presidency, 14 per cent in Bihar and Orissa, 11 per cent in Bengal, 10 per cent each in the Punjab and the Bombay Presidency, 9 per cent in the Central Provinces and Berar, and the remaining 15 per cent in the other provinces.

The area under oilseeds (14,936,000 acres) showed a decrease of 1,559,000 acres or 9 per cent as compared with the preceding year. The actual decrease

	THOUSAND ACRES		
	1911-12	1912-13	Decrease
Linseed	3,763	3,125	- 638
Sesamum	4,174	4,161	- 13
Rape and mustard	4,225	3,555	- 670
Other oilseeds	4,333	1,092	- 3,241

due, as in the case of *rabi* food-grains, to the failure of the winter rains. Sesamum, which is mainly an autumn (*kharif*) crop, showed only a small decrease. Other oilseeds are groundnut, castor, dill or sowa, nigerseed, and sun flower. These also showed an aggregate decrease of 241,000 acres. Of

* For a list of these, vide Appendix D

† In the United Provinces, the whole of the area of the land sown with food-grains mixed with oilseeds is shown under food-grains in this table. The area included under food-grains, which was really sown with oilseeds (as a mixed crop), is roughly estimated to have been 4,000,000 acres in the whole province in 1912-13. Excluding this area of 4 million acres of oilseeds, the total area under food-grains in British India in 1912-13 would come to 197 million acres instead of 201 million acres stated above.

the total area under oilseeds shown in this table (15 million acres), 19 per cent was in the Madras Presidency, 18 per cent in the Central Provinces and Berar, 15 per cent in Bihar and Orissa, 12 per cent in Bengal, 9 per cent in Burma, 8 per cent in the Bombay Presidency, 7 per cent each in the Punjab and the United Provinces,* and the remaining 5 per cent in the smaller provinces.

Condiments and
spices

The total area under condiments and spices in 1912-13 was 1,390,000 acres as against 1,502,000 acres in the preceding year, or a decrease of 112,000 acres or 7 per cent. The crops included under this head are ajmud or randhuni (*Carum Roxburghianum*), ajwan (Bishop's weed), anise seed, caraway, chillies, coriander, cumin, fennel, fenugreek, garlic, ginger, marjoram, mint, nutmeg, onion, pepper, sago, tamarind, and turmeric. As is to be expected, spices are grown mostly in the southern parts of India: nearly half (46 per cent) of the total area under condiments and spices in 1912-13 was in the Madras Presidency and 13 per cent in the Bombay Presidency.

Sugar.

The total area under sugar in 1912-13 was 2,712,000 acres against 2,566,000 acres in the preceding year, or an increase of 146,000 acres or 6 per cent. Of this area, about 2,547,000 acres were occupied by sugarcane, as against 2,410,000 acres occupied by that crop in the preceding year. More than half (52 per cent) of the sugarcane area was in the United Provinces, 14 per cent in the Punjab, 11 per cent in Bihar and Orissa, 9 per cent in Bengal, and 4 per cent in the Madras Presidency. The other sugar-yielding plants, namely, date palm and palmyra palm, occupied a total area of 165,000 acres as against 155,000 acres in the preceding year. About 53 per cent of this area was in the Madras Presidency and 30 per cent in Bengal.

Fibres

The total area under fibre crops was 18,268,000 acres in 1912-13 as against 18,348,000 acres in the preceding year, or a decrease of 80,000 acres or 0.4 per cent. The actual increase or decrease under the several kinds of fibre are

	THOUSAND ACRES		
	1911-12	1912-13	Increase (+) or Decrease (-)
Cotton	14,568	14,138	- 430
Jute	3,091	3,324	+ 233
Other fibre	689	806	+ 117

shown in the marginal table. The area under cotton showed a decrease of 430,000 acres or 3 per cent. Of the total cotton area, 32 per cent was in the Central Provinces and Berar, 30 per cent in the

Bombay Presidency, 17 per cent in the Madras Presidency, 10 per cent in the Punjab, and 8 per cent in the United Provinces. The area under jute showed an increase of 233,000 acres or 8 per cent. About 88 per cent of the total jute area was in Bengal and the remaining 12 per cent in Bihar and Orissa and Assam. Other fibres also showed an increase of 117,000 acres or 17 per cent as compared with the preceding year. These are agave, sunn hemp, sisal hemp, Deccan hemp, rhea, sabai grass, and swallow-wort.

Dyes

The total area under dyes was 639,000 acres in 1912-13. Of this, the area occupied by indigo was 227,000 acres in 1912-13 as against 274,000 in the preceding year, or a decrease of 47,000 acres or 17 per cent. The cultivation of the indigo plant continues declining, owing to the competition of the synthetic dye.† Of the total indigo area, 40 per cent was in Bihar and Orissa, 30 per cent in the Madras Presidency, 17 per cent in the Punjab, and 12 per cent in the United Provinces. Other dyes, comprising arnatto, henna, madder, morinda, and safflower, occupied an aggregate area of 412,000 acres.

Drugs and narcotics

The total area under drugs and narcotics was 1,931,000 acres in 1912-13 as against 1,910,000 acres in the preceding year. The actual increase or

	THOUSAND ACRES		
	1911-12	1912-13	Increase (+) or Decrease (-)
Opium	220	197	- 23
Coffee	95	92	- 3
Tea	544	558	+ 14
Tobacco	991	965	- 26
Cinchona	4	4	...
Indian hemp	2	2	...

decrease under each of the principal kinds of drugs and narcotics is stated in the margin. Of the four principal kinds of drugs and narcotics, namely, opium, coffee, tea, and tobacco, only tea showed an increase, while the others showed a decrease. The areas

* The figures for the several heads of oilseeds in this table against the United Provinces of Agra and Oudh represent areas under "pure" oilseeds, i.e., oilseeds sown unmixed with any other crop, excluding the oilseeds which are thinly sown in combination with wheat, barley, gram, and other crops. If the areas occupied by the scattered oilseeds plants were added up, it is estimated very roughly that they would amount in 1912-13 for the whole of the United Provinces to about 4 million acres. Including this area, the total area under oilseeds in British India in 1912-13 would come to 19 million acres instead of 15 million acres stated above.

† Cf. Review of Trade, 1913-14, under "Indigo," Chapter III, pages 20-21.

under cinchona and Indian hemp (ganja) remained practically the same as in the preceding year. Other drugs and narcotics, comprising arecanut, sweet basil, betel vine, country borage, dhatura, purple flea-bane, isafgul, and senna, occupied an aggregate area of 112,000 acres.

The head "fodder crops" shows only those crops which are used exclusively as fodder in normal times. These are oats, field vetch, guinea grass, and carob or locust tree. The total area under fodder crops in 1912-13 was 5,770,000 acres as against 4,978,000 acres in the preceding year.

The total area occupied by fruits and vegetable crops in 1912-13 was 5,466,000 acres as against 4,396,000 acres in the preceding year. [For the names of the fruits and vegetable crops cultivated in India, see Appendix D.]

The total area occupied by miscellaneous crops, that is, crops not classified under any of the heads specified above, was 2,400,000 acres. Of this, about 1,332,000 acres was occupied by miscellaneous food crops and about 1,068,000 acres by miscellaneous non-food crops. [For the names of the crops included under these heads, see footnotes on page 119 and Appendix D.]

The total extent of land on which more than one crop was raised during the year was 31,191,000 acres as against 33,020,000 acres in the preceding year.

The statistics recorded in table IV are based mainly on cattle censuses. The census is, however, not taken simultaneously in the different provinces, nor is it taken every year in all the provinces. In Burma, Manipur Pargana, and the Central Provinces and Berar, the census is taken annually, while in the United Provinces, Assam, Ajmer-Merwara, the Punjab, the North-West Frontier Province, the Bombay Presidency, the Madras Presidency, and Coorg, it is taken once in five years. The last quinquennial census was taken in 1908-09 in the United Provinces, Ajmer-Merwara, the Punjab, and the North-West Frontier Province, and in 1909-10 in the Bombay Presidency, the Madras Presidency, Coorg, and Assam. In Bengal a cattle census was taken for the first time in 1912-13, which gave the numbers of bulls and bullocks, cows, buffaloes, and young stock. [Young stock represents oxen and buffaloes not old enough for work or to produce young.] The figures for Bihar and Orissa, as also those for Bengal, for years prior to 1912-13 are based on estimates. Live-stock in cities and cantonments are included wherever it is possible to secure their enumeration. In making up the totals for British India for each year, the figures last collected in the provinces where annual censuses are not taken are repeated year after year until the next census is taken. It would, therefore, serve no useful purpose to compare the total figures of one year with those of another, as the totals thus constituted do not really represent the number of stock in the year against which the figures are shown in the table. The animals may be divided into three classes, namely, (1) Bovine, comprising bulls and bullocks, cows, buffaloes, and young stock (*i.e.*, calves and buffalo calves), (2) Ovine, comprising sheep and goats, and (3) others, comprising horses and ponies, mules, donkeys, and camels. The total number of live-stock

	Number in thousands				
	Bovine	Ovine	Others	Ploughs	Carts
Bengal	26,267	Not available			
Madras	20,089	18,178	189	3,895	1,279
Bombay and Sind	9,677	5,397	491	1,287	596
United Provinces	30,423	10,008	837	4,948	783
Bihar and Orissa	16,599	4,743	202	2,880	441
Punjab	14,223	8,815	1,246	2,158	282
Burma	5,873	220	85	550	635
Central Provinces and Berar	11,742	1,993	185	1,398	831
Assam	2,714	597	11	466	28
North-West Frontier Province	1,216	1,198	189	215	6
Ajmer-Merwara	263	464	10	39	12
Coorg	146	3	..	33	..
Manipur	7	1	..	1	..
Total	189,042	51,617	3,445	17,900	4,893

of each of these 3 classes in each province, together with the numbers of ploughs and carts, is stated in the margin (in thousands). Of the total number of live-stock of the bovine class (139 millions), which is cattle proper, the United Provinces account for 22 per cent, Bengal 19 per cent, the Madras Presidency 14 per cent, Bihar and Orissa 12 per cent, the Central Provinces and Berar 9 per cent, the Bombay Presidency including Sind 7 per cent, and other provinces the remaining 17 per cent. In the case of ploughs also the United Provinces come first with 28 per cent of the total (excluding Bengal for which figures are not available), followed by Madras (22 per cent), Bihar and Orissa (17 per cent), and the Punjab (11 per cent). In the case of stock of the ovine class (sheep and goats), however, Madras accounts for 35 per cent of the total (excluding Bengal), followed by the United Provinces (19 per cent), the Punjab (17 per cent), and the Bombay Presidency including Sind (10 per cent). In the case of carts also, Madras

accounts for 25 per cent of the total (excluding Bengal), followed by the Central Provinces and Berar (17 per cent), the United Provinces (16 per cent), and Burma (13 per cent).

Table V.
Land Revenue
Assessment

The varieties of tenure in the different provinces are included in Table V and are given, as far as possible, under one or other of the following three heads, namely, (1) raiyatwari, (2) zamindari and village communities (temporarily settled), and (3) zamindari permanently settled. When the revenue is assessed on an individual or community owning an estate, and occupying a position identical with or analogous to that of a landlord, the tenure is known as *zamindari* or village community; when the revenue is assessed on individuals who are the actual occupants, or are accepted as representing the occupants, of smaller holdings, the tenure is known as *raiayatwari*. Zamindari tenure may be either *permanently settled*, i.e., where the land revenue has been fixed in perpetuity, or *temporarily settled*, i.e., where the land revenue is fixed for a period of years only. Village communities and raiyatwari tenures are as a rule temporarily settled, and the land revenue assessed on them are changeable from time to time.

The following table shows the position in the surveyed areas of the various provinces, as regards the forms of land tenure in 1912-13. The figures roughly indicate the extent to which the different systems prevail :—

Province.	In thousands of acres.			Total.
	Raiyatwari.	Zamindari (individual proprietors or village communities).		
		Permanently settled	Temporarily settled	
Bengal	..	39,211	11,269	50,480
Madras	61,577	29,179	..	90,756
Bombay	41,876	..	3,754	48,630
Sind	30,257	..	..	30,257
United Provinces	..	7,541	60,793	68,334
Bihar and Orissa	..	41,452	11,760	53,212
Punjab	..	..	61,856	61,856
Burma	108,714	..	..	108,714
Central Provinces	12,152*	..	40,612	52,764
Berar	11,329*	..	..	11,329
Assam	25,909	3,930	1,465	31,304
North-West Frontier Province	..	..	8,438	8,438
Ajmer-Merwara	..	974	797	1,771
Coorg	1,012	..	..	1,012
Manpur	32	..	..	32
Total	295,858	122,287	200,744	618,889

The statistics for this table are collected annually in Burma, Assam, Manpur, the Punjab, the North-West Frontier Province, and the Central Provinces and Berar, and quinquennially in Bengal, Bihar and Orissa, the United Provinces, Ajmer-Merwara, Bombay, Sind, Madras, and Coorg.

According to the latest statistics available the total revenue from land

	Total revenue from land (Rs. 1,000)	Total population (1,000)	Revenue per head R a
Bengal	274,67	44,588	0 10
Madras	6,39,58	38,209	1 11
Bombay	3,09,28	15,134	2 1
Sind	89,61	3,513	2 9
United Provinces	6,57,68	47,190	1 6
Bihar and Orissa	1,57,13	34,490	0 7
Punjab	3,63,57	19,548	1 14
Upper Burma	1,55,26	4,114	3 12
Lower Burma	3,11,58	6,402	4 13
Central Provinces	1,01,48	10,865	0 15
Berar	86,56	3,059	2 13
Assam	77,38	6,714	1 3
North-West Frontier Province	25,76	2,255	1 2
Ajmer-Merwara	3,62	501	0 12
Coorg	3,65	175	2 1
Manpur	16	7	2 6
Total	32,57,57	236,824	1 6

(excluding cesses) for the whole of British India amounts to about Rs2,57,00,000. This represents the actual realisable demand for the year, no account being taken of the collection of arrears for past years, nor of amounts remaining uncollected at the end of the year. Sums remitted on account of unoccupied lands, short crops, etc., are excluded. The marginal table shows the total land revenue assessment, the total population, and the assessment per head of population in each province.

* Including Government forests.

The total number of transfers for 1913-14, as recorded in Table VI, was 977,800, of which 948,500 were by private contract or gift, and 29,300 by order of the court. The total area of the transfers by private contract or gift was 5,045,800 acres, and by order of the court 628,900 acres. These statistics are incomplete. They do not include transfers in Bengal (for which figures are not available); in Bihar and Orissa no information is available regarding transfers under orders of civil courts. As explained in the footnotes to Table VI, the figures for other provinces are not always complete. It may be noted that voluntary transfers are those made by actual contract or gift, transfers by succession or inheritance not being taken into account: compulsory transfers are those effected through a court, civil or revenue. Transfers of land under the Land Acquisition Act and temporary transfers, such as leases, simple mortgages, and redemptions of mortgages, are excluded from the table. Mortgages with possession are treated as transfers and included in Table VI.

The Agricultural Department in each province maintains a statement of the average yield per acre of land of average quality, irrigated and unirrigated, for crops in each district. In order to test the accuracy of the standards of normal or average yield and to revise these, if necessary, a system of crop-cutting experiments exists in all the provinces. Under this system plots of land of average quality are selected, and the crops grown on them are cut and weighed in the presence of responsible officers of the district staff or of the provincial agricultural department. The results of the experiments are reported to the head of the provincial agricultural department, who revises the standards in the light of these returns. This revision is ordinarily made once in five years, although crop-cutting experiments are usually carried out for the principal crops each year. The table (appendix A) shows the figures as last revised with reference to the crop-cutting experiments made up to 1911-12. As time goes on the figures become more accurate, and it may be noted that the general trend of the changes made is in an upward direction. In Bengal the yield of sugarcane has been raised from 2,460 lbs to 2,905 lbs, and that of jute from 1,200 lbs to 1,271 lbs. Maize and rice in the United Provinces have been raised from 1,050 lbs and 850 lbs to 1,100 lbs and 900 lbs, respectively. In the Punjab rapeseed has been raised from 254 lbs to 396 lbs and cotton from 74 lbs to 118 lbs. In Sind cotton has been raised from 308 lbs to 380 lbs, and bajra from 776 lbs to 971 lbs. In Madras irrigated and unirrigated cotton is 87 lbs and 55 lbs against 66 lbs and 44 lbs formerly, while irrigated jawar has been raised from 1,118 lbs to 1,379 lbs. In some instances the standards have been decreased. In Bengal the average yield of winter rice has been put at 983 lbs; in the Punjab of bajra at 379 lbs and of gram at 549 lbs; while the yield of maize in the North-West Frontier Province is now estimated at 1,292 lbs.

Appendices B, C, and D perhaps require little or no comment. Appendix B, which shows changes that have been made from time to time in district, or provincial boundaries, will explain the variations in total areas of districts and provinces in Table I, so far as they are due to territorial changes. Appendix C explains vernacular terms used in this volume, and Appendix D the classification in Table III of the various crops cultivated in India.

The charts and diagrams in the volume illustrate (1) total cultivable area, (2) uncultivable area and net area cropped, (3) culturable waste and current fallows, (4) area cropped and area under food crops, (5) area under non-food crops and irrigated area cropped, (6) and (7) areas under selected crops, (8) total area cropped in 1912-13 with shares of food and non-food crops, and (9) live stock divided between bovine, ovine, and others.

I have the honour to be,

SIR,

Your most obedient servant,

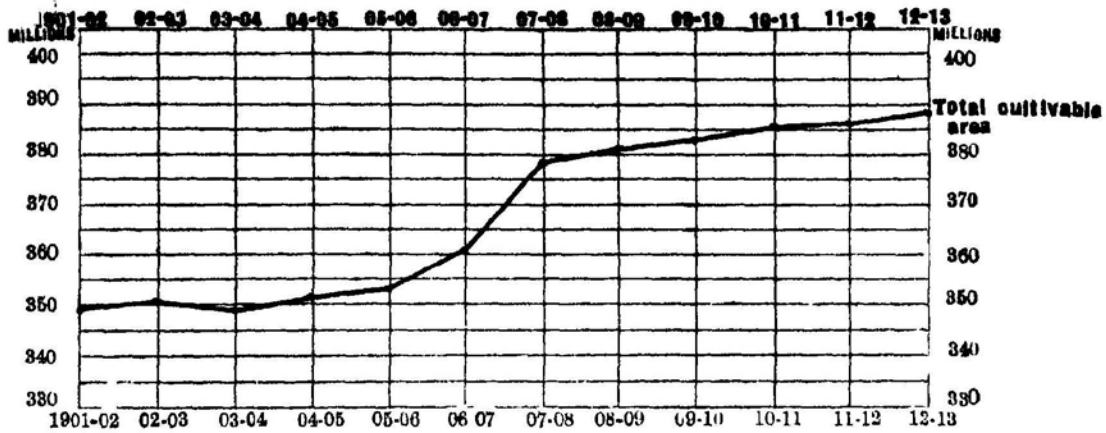
G. FINDLAY SHIRRAS,

Director of Statistics.

AREAS

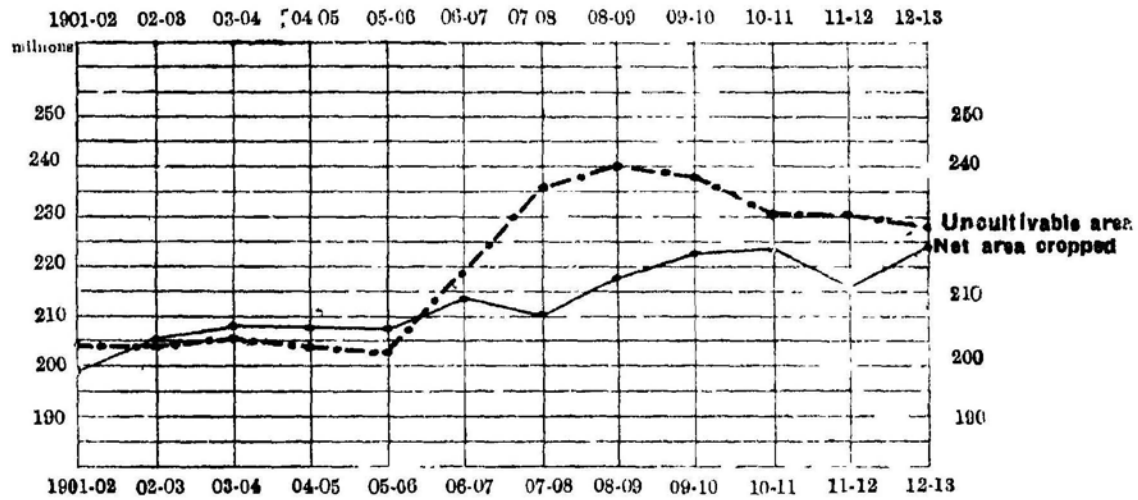
(In millions of acres.)

(1) TOTAL CULTIVABLE AREA.

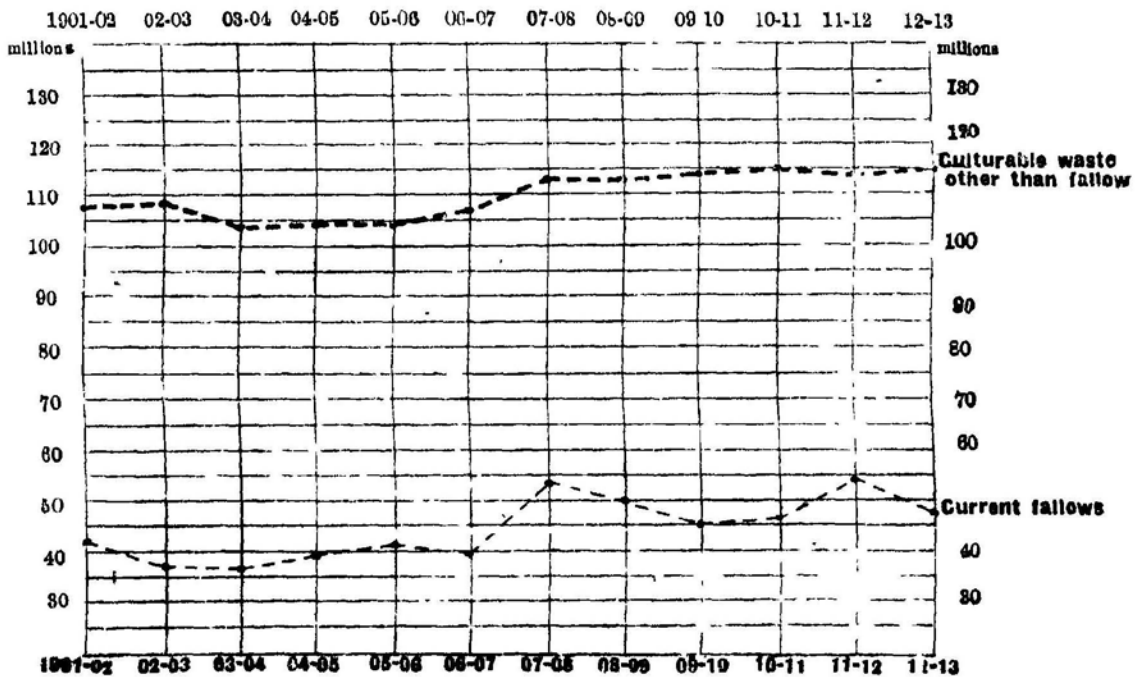


NOTE.—Total cultivable area represents the sum of net area cropped, culturable waste, and current fallows.

(2) UNCULTIVABLE AREA AND NET AREA CROPPED.

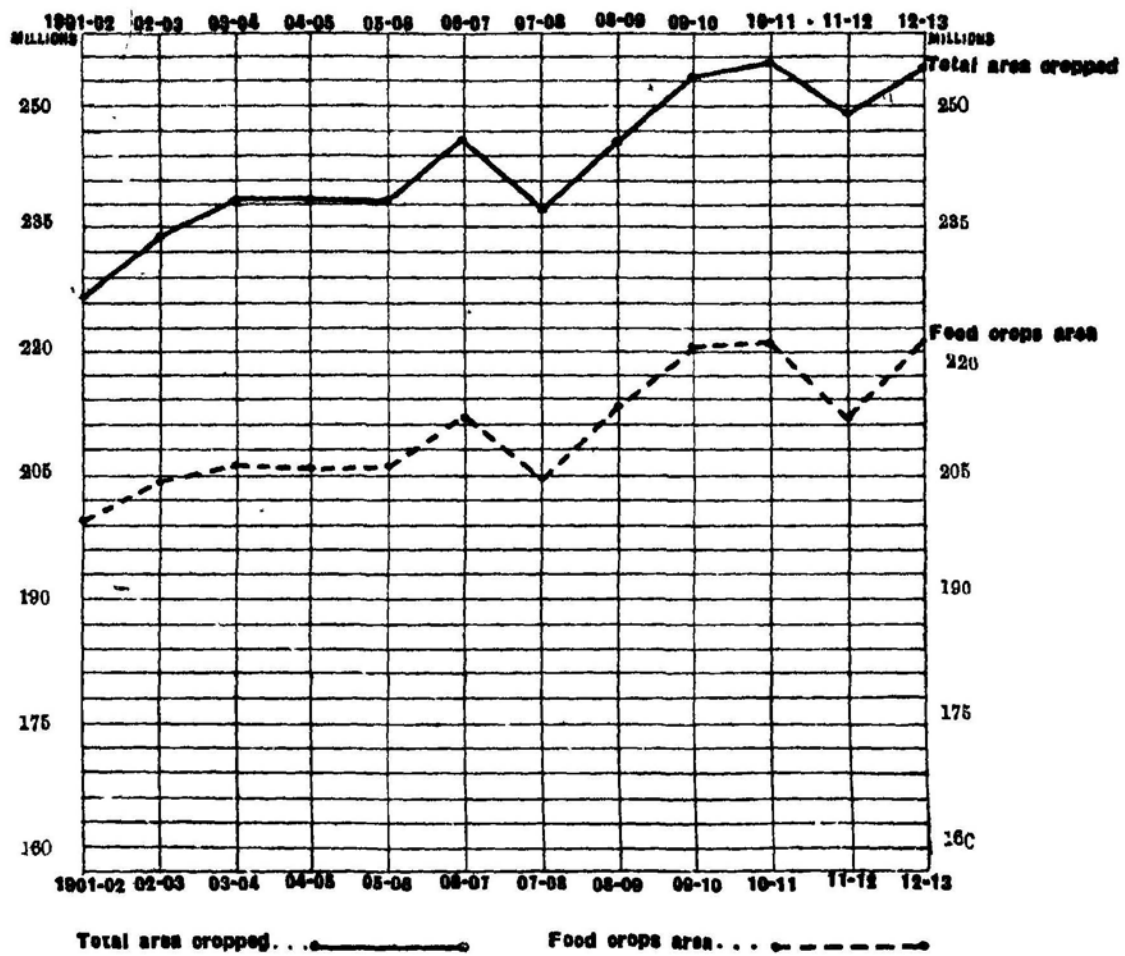


(3) CULTURABLE WASTE OTHER THAN FALLOW AND CURRENT FALLOWS.

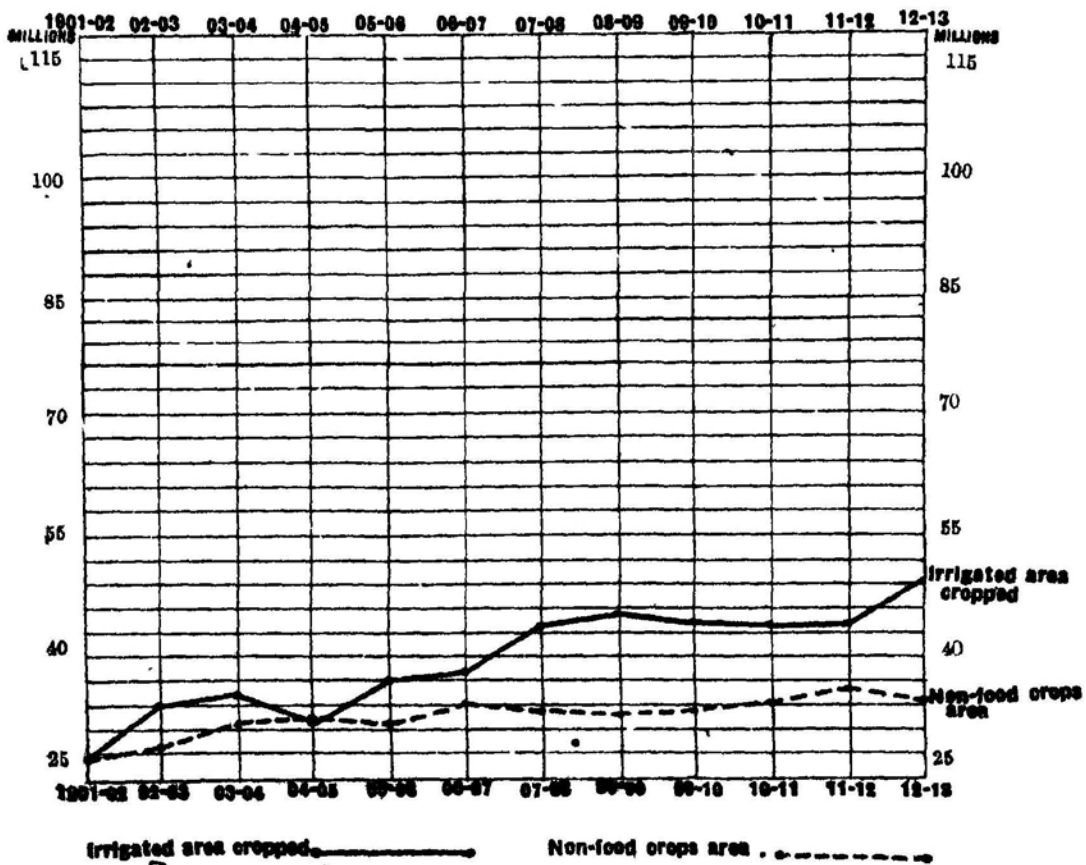


Statistics for years prior to 1907-08 exclude certain areas for which returns were not available.

(4) AREA CROPPED AND AREA UNDER FOOD CROPS.
(in millions of acres)

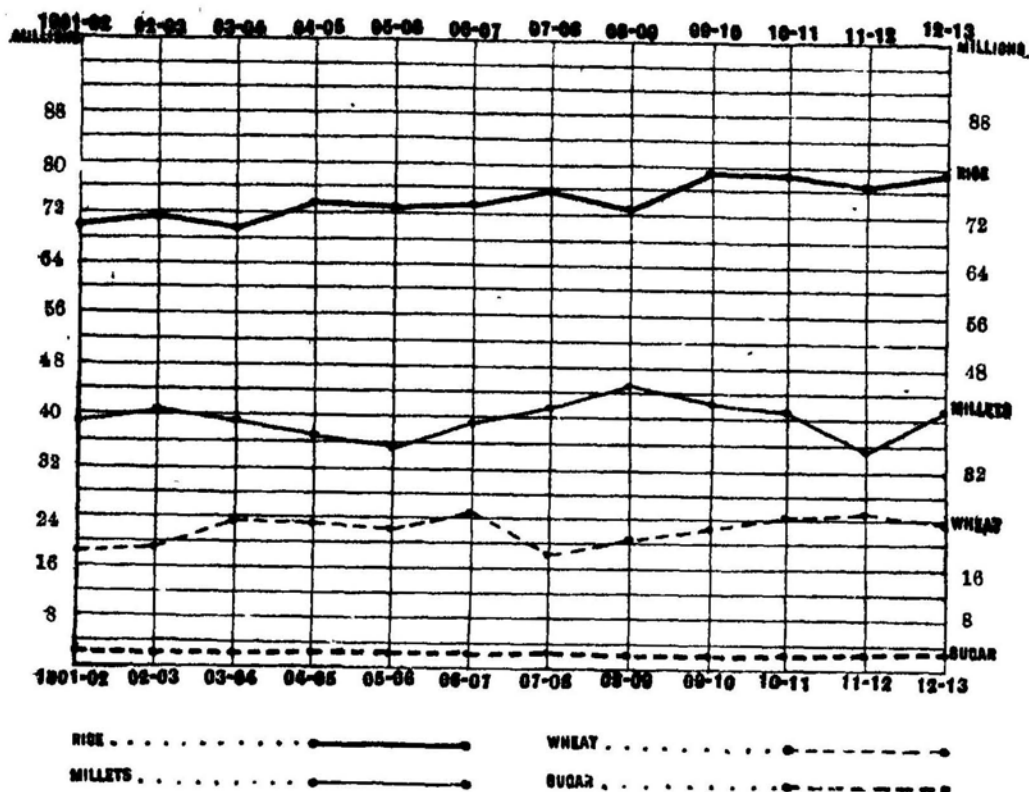


(5) AREA UNDER NON-FOOD CROPS AND IRRIGATED AREA CROPPED.
(in millions of acres)

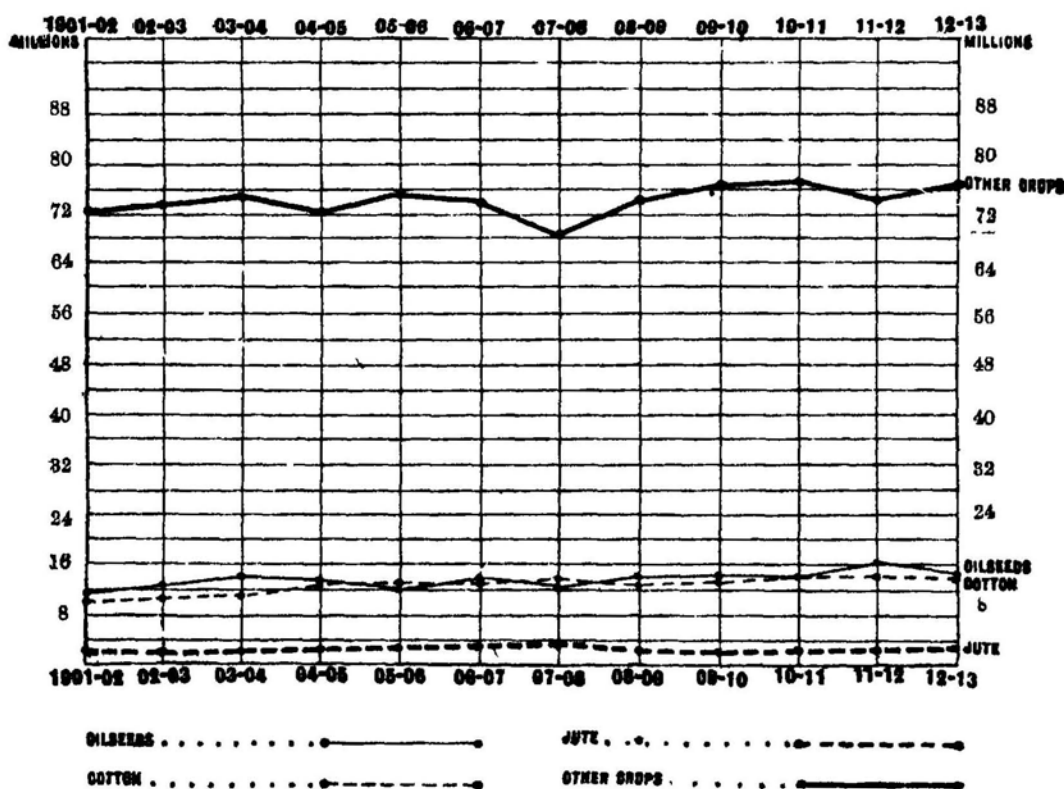


Statistics for years prior to 1907-08 exclude certain areas for which returns were not available.

(6) AREA UNDER SELECTED CROPS.
Rice, Millets, Wheat, Sugar.
(in millions of acres)



(7) AREA UNDER SELECTED CROPS.
Oilseeds, Cotton, Jute, other crops.
(in millions of acres)



NOTE.—Other crops are barley, maize, gram, minor food-grains, condiments and spices, fibres other than cotton and jute, dyes, drugs and narcotics, fodder crops, fruits and vegetables and miscellaneous crops.
Statistics for years prior to 1907-08 exclude certain areas for which returns were not available.

TABLES

Summary Tables

No. 1—GENERAL SUMMARY 1903-04 TO 1912-13

Classification of area (thousand acres)

	1903-04	1904-05	1905-06	1906-07	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13
	(a)	(a)	(a)	(a)						
Area by professional survey	554,285	555,974	556,599	558,739	619,456	623,135	628,359	618,581	618,908	618,937
Area under forest	67,402	68,560	67,976	81,748	83,425	82,489	81,199	80,613	60,551	82,400
Area not available for cultivation	138,108	136,207	135,329	137,164	163,627	157,637	157,627	148,994	149,665	146,387
Culturable waste	104,202	101,800	104,647	108,896	118,288	113,066	114,665	115,097	114,818	115,025
Fallow land	36,729	39,488	41,001	39,935	54,209	50,153	45,335	46,949	54,869	48,760
Net area cropped	208,273	207,721	207,884	214,026	210,883	218,040	222,912	223,065	215,983	224,166
Irrigated area	34,244	31,027	35,345	36,654	39,914	42,487	41,583	40,895	40,679	45,589

Area under food crops (thousand acres)

	1903-04	1904-05	1905-06	1906-07	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13
Rice	69,597	73,525	73,400	73,541	75,981	72,801	78,731	78,524	76,637	78,752
Wheat	23,613	23,510	22,402	25,137	18,424	21,199	22,770	24,398	25,025	23,861
Barley	7,480	7,495	7,327	7,700	7,630	8,003	8,105	7,840	8,433	7,420
Jawar	21,048	23,081	20,742	20,781	21,964	24,780	21,802	21,184	18,386	20,968
Bajra	14,137	10,370	11,531	15,034	15,133	16,003	16,303	15,540	13,093	16,289
Ragi	3,372	3,351	3,416	3,568	4,539	4,461	4,545	4,289	4,296	4,456
Maize	6,136	5,961	5,790	6,172	6,296	6,784	6,858	6,312	5,891	6,818
Gram	11,621	10,905	11,024	13,412	6,817	11,264	13,153	13,943	14,139	13,423
Other food grains and pulses	29,874	27,255	28,023	29,772	29,586	31,534	31,397	32,070	29,607	30,908
Total food grains	186,878	185,453	183,655	195,117	186,370	196,837	203,664	204,103	197,097	201,373
Sugar	2,417	2,569	2,415	2,624	2,877	2,408	2,442	2,540	2,566	2,712
Other food crops (b)	6,583	6,777	7,013	7,274	7,493	7,193	7,447	7,467	7,582	8,188

Area under non-food crops (thousand acres)

	1903-04	1904-05	1905-06	1906-07	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13
Linseed	3,234	3,058	2,232	2,515	1,401	1,982	2,416	2,512	3,763	3,125
Sesamum (til or jinjili)	4,653	4,024	3,915	3,903	4,288	4,232	4,740	4,212	4,174	4,164
Rape and Mustard	8,431	3,240	3,503	4,231	3,297	3,887	4,094	3,899	4,225	3,555
Groundnut (c)	...	...	...	...	...	...	...	...	...	393
Other oilseeds	3,228	3,197	2,851	3,311	3,500	4,004	3,075	3,911	4,333	3,698
Total oilseeds	14,546	13,519	12,501	13,965	12,486	14,105	14,625	14,924	16,495	14,985
Cotton	11,895	13,017	13,099	13,771	13,909	12,959	13,172	14,448	14,588	14,138
Jute	2,504	2,941	3,141	3,523	3,943	2,835	2,757	2,829	3,091	3,324
Other fibres	689	642	652	692	747	723	825	769	699	806
Indigo	712	510	401	449	406	286	295	282	274	227
Opium	668	612	654	615	598	416	374	382	220	197
Coffee	104	99	99	96	99	97	91	98	95	92
Tea	506	505	508	505	513	520	528	533	544	558
Tobacco	976	984	1,018	1,009	974	954	1,013	1,068	999	965
Fodder crops	3,830	3,986	3,934	4,548	4,908	4,628	4,749	4,882	4,978	5,770
Other non-food crops (d)	1,681	1,866	1,871	1,875	1,721	1,750	1,465	1,477	1,338	1,599

Land Revenue assessment and Transfers of property in land

	1903-04	1904-05	1905-06	1906-07	1907-08	1908-09	1909-10	1910-11	1911-12	1912-13
Total revenue from land excluding cesses (Rs. 1,000)	29,50,53	29,50,89	29,90,81	30,31,31	29,94,08	31,18,71	31,39,00	31,71,95	31,82,09	32,57,57
Land transferred (1,000 acres) —										
By order of court	661	529	588	693	548	696	666	601	648	629
By private contract or gift	4,893	4,472	4,679	4,306	4,477	6,446	5,489	4,926	5,174	5,046

(a) Excluding areas for which no returns were available

(b) Condiments and spices, fruits and vegetables, and miscellaneous food crops

(c) Figures for years prior to 1912-13 are included under "other oilseeds"

(d) Cinchona, Indian hemp, other dyes, other drugs and narcotics, and miscellaneous non-food crops

Summary Tables—continued

No. 2—AREA CULTIVATED AND UNCULTIVATED IN 1912-13 IN EACH PROVINCE

Provinces	Area according to Survey	Deduct Feudatory and Tributary States	NET AREA		CULTIVATED		UNCULTIVATED		Forest
			According to Survey	According to village papers	Net area actually cropped	Current fallows	Culturable waste other than fallow	Not available for cultivation	
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Bengal	58,931,500	8,451,500	50,480,000	50,480,000	25,954,900	4,914,400	5,201,100	10,152,600	4,257,000
Madras	97,440,800	6,878,900	91,067,800	89,542,500	34,605,900	8,210,400	2,964,000	23,947,500	12,814,800
Bombay	85,620,500	36,979,200	48,641,300	48,641,300	25,180,300	8,338,900	1,525,900	6,021,100	7,575,800
United Provinces	34,143,200	3,872,000	30,271,100	30,271,100	8,990,600	5,197,600	5,685,400	14,600,900	796,700
	57,372,900	4,345,200	53,027,700	52,803,600	26,784,200	2,172,500	7,484,300	7,645,200	8,717,400
	15,306,700		15,306,700	15,180,500	9,278,500	584,900	2,776,600	2,227,400	613,200
Bihar and Orissa	71,418,200	18,334,700	53,083,500	53,083,500	27,122,100	3,388,200	7,898,400	9,983,800	4,741,000
Punjab	86,367,800	24,511,400	61,855,900	60,887,500	24,159,000	3,577,700	17,418,100	12,386,300	3,348,500
Burma	57,802,600	3,997,700	53,804,900	53,804,900	4,983,700	4,207,300	10,762,000	21,568,100	12,288,800
	54,900,700		54,900,700	54,900,700	9,034,300	610,500	14,720,900	23,573,700	6,970,300
Central Provinces	72,552,200	19,960,400	52,591,800	52,764,400	17,683,800	2,566,000	13,505,000	4,097,200	14,912,300
Berar	11,328,700		11,328,700	11,373,800	6,938,900	1,196,900	161,400	895,400	2,182,100
Assam	39,275,500	7,969,900	31,305,600	31,305,600	5,823,300	2,562,200	15,084,500	5,510,500	2,343,000
North-West Frontier Province	8,578,500	140,800	8,437,700	8,574,700	2,140,100	697,700	2,734,900	2,627,100	874,900
Ajmer-Merwara	1,770,900		1,770,900	1,770,900	356,500	343,000	127,300	853,500	90,700
Coorg	1,012,300		1,012,300	1,012,300	140,200	162,900	20,900	330,400	357,500
Manipur Pargana	31,400		31,400	31,400	7,300	300	6,900	900	16,000
TOTAL	748,868,900	129,041,700	618,927,100	616,737,700	224,165,600	48,760,400	115,024,900	146,386,600	2,400,300

No. 3—AREA UNDER IRRIGATION IN 1912-13 IN EACH PROVINCE

Provinces	AREA IRRIGATED						CROPS IRRIGATED			
	By canals		By tanks	By wells	Other sources	Total area irrigated	Wheat	Other cereals and pulses	Miscellaneous food crops	Non-food crops
	Government	Private								
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Bengal	118,800	218,300	816,300	20,200	1,055,500	2,224,100	23,400	1,907,500	589,200	141,100
Madras	3,559,800	238,900	3,613,800	1,582,300	903,400	9,897,700	4,100	9,901,600	1,185,100	488,900
Bombay	186,700	17,700	123,900	578,000	96,900	1,003,800	200,600	567,300	160,100	180,700
	2,924,800	78,500	400	37,000	233,400	3,274,100	403,200	2,544,500	48,800	565,800
United Provinces	2,284,200	22,500	45,700	3,395,000	1,146,900	7,441,800	2,371,500	3,784,000	132,300	1,617,100
				1,523,400	678,700	2,202,100	824,400	1,165,800	40,500	298,100
Bihar and Orissa	971,200	632,700	1,219,400	721,900	1,259,700	4,804,900	254,100	2,918,700	1,525,000	200,900
Punjab	7,026,000	495,400	12,200	3,601,900	166,600	11,302,100	4,694,900	2,735,100	486,300	3,678,600
Burma	480,700	187,800	190,800	12,200	96,800	967,800	200	980,200	42,600	100
	200	23,100	2,800	2,400	95,300	123,800		110,000	14,000	
Central Provinces	22,200	15,700	766,200	62,900	38,900	905,900	15,600	580,500	305,300	4,600
Berar			200	80,700	700	31,600	8,200	1,600	20,400	1,400
Assam	1,000	107,500			247,500	356,000		341,000	14,200	700
North-West Frontier Province	241,100	454,500		92,300	85,800	878,600	272,200	410,200	58,300	142,700
Ajmer-Merwara			32,700	90,100	100	122,900	11,900	69,000	27,400	34,300
Coorg	2,800		1,800			4,400		4,400		
Manipur Pargana				200		200	200			
TOTAL	17,764,300	1,093,800	6,925,200	12,351,000	3,106,200	45,539,300	9,084,400	28,091,400	4,648,900	7,389,600

Summary Tables—continued

No. 4—AREAS UNDER DIFFERENT CROPS IN 1912-13 IN EACH PROVINCE

Provinces	Rice	Wheat	Barley	Jawar or chickm	Bajra or cumbu	Ragi or marua	Maize	Gram (pulse)	Other food grains and pulses
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Bengal	21,166,000	146,300	94,800	3,200	7,200	16,300	97,400	184,100	1,745,300
Madras	10,943,700	18,200	3,400	5,219,800	3,806,400	2,600,000	133,900	188,500	6,275,300
Bombay	Presidency 1,860,100	1,261,900	29,000	7,074,600	5,496,400	686,200	142,900	469,400	2,637,800
	Sind 1,087,500	456,900	20,200	663,400	1,140,900	600	3,500	75,500	228,700
United Provinces	Agra 4,387,200	5,435,800	3,480,600	1,850,900	2,133,800	156,700	1,378,600	4,023,700	4,286,600
	Oudh 2,474,800	2,007,000	1,162,700	318,400	484,600	66,600	829,500	1,484,800	2,388,500
Bihar and Orissa	16,074,900	1,177,400	1,882,700	122,300	98,100	988,100	1,771,800	1,266,500	5,688,000
Punjab	741,900	8,766,700	1,006,700	1,212,200	2,676,800	20,300	1,098,000	3,400,800	1,481,800
Burma	Upper 2,095,700	25,600	...	516,000	240,000	...	160,100	83,000	98,100
	Lower 8,196,000	...	...	...	...	...	21,700	1,400	...
Central Provinces	4,968,200	3,304,600	16,300	1,621,700	48,900	13,500	147,700	1,003,000	781,400
Benar	81,400	305,000	100	2,266,700	104,800	...	2,000	113,000	643,100
Assam	4,646,400	100	500	...	...	1,900	19,000	900	92,500
North-West Frontier Province	45,000	927,100	214,700	94,600	204,600	...	418,600	168,900	121,500
Ajmer-Merwara	400	27,100	58,600	61,800	31,300	...	68,500	9,800	40,100
Coorg	88,000	...	...	...	...	5,100	...	800	1,500
Manpur Pargana	200	1,600	...	2,600	...	...	1,400	600	100
TOTAL	78,752,400	23,861,100	7,420,800	20,967,700	16,268,800	4,465,500	6,316,200	12,432,900	80,907,600

Provinces	Cotton	Jute	Other fibres	Total fibres	Indigo	Other dyes	Opium	Tea	Coffee
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Bengal	26,200	2,927,100	35,900	2,989,200	1,000	...	...	150,500	...
Madras	2,889,000	...	290,700	2,879,700	66,800	2,700	...	23,900	49,300
Bombay	Presidency 3,910,800	...	121,700	4,032,500	...	395,500	...	...	...
	Sind 287,400	...	900	288,300	3,800	600	...	...	...
United Provinces	Agra 1,059,400	...	115,100	1,174,500	22,900	1,200	100,000	8,000	...
	Oudh 59,900	...	24,100	84,000	4,600	200	94,500	...	...
Bihar and Orissa	87,200	298,500	20,600	406,800	90,400	9,800	...	2,200	...
Punjab	1,442,900	...	54,800	1,497,700	38,100	2,000	2,600	9,900	...
Burma	Upper 208,800	...	400	209,200	100	...	200	1,700	100
	Lower 32,300	...	400	32,700	...	...	...	...	...
Central Provinces	1,855,200	...	85,700	1,440,900	...	100	...	...	...
Benar	3,138,400	...	54,400	3,192,800	...	...	...	...	...
Assam	86,100	98,300	300	134,700	...	...	...	361,700	...
North-West Frontier Province	55,100	...	700	55,800	...	...	...	...	...
Ajmer-Merwara	49,200	...	100	49,300	...	...	...	...	...
Coorg	...	...	100	100	...	...	...	...	41,500
Manpur Pargana	600	...	...	600	...	...	...	...	...
TOTAL	14,138,500	3,328,900	805,900	18,268,300	227,000	412,100	197,900	557,900	61,300

Total food grains and pulses	Linseed	Sesamum (til or jinjili)	Rape and mustard	Ground-nut	Other oil seeds	Total oil seeds	Condiments and spices	Sugar cane	Sugar—other	Provinces
Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	
23,060,600	199,900	251,200	1,325,400	...	45,800	1,822,200	143,900	221,800	49,800	Bengal
20,739,600	22,500	812,900	...	...	2,107,200	2,042,600	632,400	98,900	88,000	Madras
19,709,800	165,000	280,900	4,300	190,100	341,300	982,500	183,800	53,700	500	Presidency
8,616,200	...	68,600	41,200	...	149,300	259,100	8,900	3,800	2,200	Sind
27,122,600	340,200	267,200	75,200	...	58,100	770,700	98,300	1,174,700	...	Agra
11,112,100	153,800	20,000	72,500	...	1,800	247,600	16,100	249,400	...	Oudh
23,464,800	677,200	228,400	724,600	...	543,700	2,178,900	92,700	470,700	300	Bihar and Orissa
20,405,200	48,800	157,900	887,800	...	4,700	1,093,700	37,900	367,400	...	Punjab
3,168,500	...	1,142,100	300	193,900	...	1,336,300	64,600	3,000	24,300	Upper
8,222,100	...	72,900	3,400	5,600	200	82,100	21,500	11,200	1,000	Lower
14,905,900	1,410,900	694,900	42,200	2,400	266,200	2,536,600	53,900	24,800	..	Central Provinces
8,468,100	98,200	88,000	400	1,400	58,000	241,000	22,900	1,100	..	Berar
4,761,300	12,600	10,500	298,400	...	100	321,600	2,900	35,900	...	Assam
2,195,000	...	9,500	79,600	...	...	89,100	5,200	29,900	...	North-West Frontier Province
296,600	1,200	33,300	...	..	1,200	35,700	2,100	200	...	Ajmer-Merwara
89,900	...	300	...	...	..	300	3,600	...	...	Coorg
6,200	...	400	...	...	300	700	...	...	..	Manpur Pargana
201,372,500	3,125,100	4,164,000	3,555,300	893,400	3,697,900	14,935,700	1,890,200	2,546,500	165,600	TOTAL

Tobacco	Other drugs and narcotics	Fodder crops	Fruits and vegetables including root crops	MISCELLANEOUS CROPS		Total area cropped	Deduct area cropped more than once	Net area cropped	Provinces
				Food	Non-food				
Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	
813,700	2,800	115,800	826,300	450,500	350,700	30,408,300	4,543,400	25,954,900	Bengal
205,600	49,600	233,200	1,164,400	...	143,500	39,120,000	4,514,100	34,605,900	Madras
71,900	24,900	100,300	580,100	1,200	2,100	26,138,100	957,800	25,180,300	Presidency
7,500	100	11,200	41,800	100	45,100	4,387,200	296,600	3,990,600	Sind
68,100	..	990,100	255,200	137,800	36,500	32,312,900	5,528,700	26,784,200	Agra
18,900	...	143,800	94,500	55,800	2,600	12,118,800	2,840,300	9,278,500	Oudh
106,800	...	22,100	766,300	490,300	262,300	33,178,400	6,056,300	27,122,100	Bihar and Orissa
47,400	1,000	3,650,300	257,400	82,800	16,600	27,510,100	3,351,100	24,159,000	Punjab
29,700	3,600	32,500	519,600	...	3,500	5,396,900	433,200	4,963,700	Upper
58,500	36,200	1,700	446,200	...	126,500	9,039,700	5,400	9,034,300	Lower
12,200	800	369,200	87,400	2,400	600	19,434,700	1,750,900	17,683,800	Central Provinces
11,500	100	700	11,400	2,200	200	6,952,000	13,100	6,938,900	Berar
9,000	...	4,600	400,400	42,600	72,900	6,275,800	450,500	5,825,300	Assam
8,700	500	92,600	9,400	59,200	3,900	2,549,300	409,200	2,140,100	North-West Frontier Province
...	300	2,800	600	7,500	900	395,500	39,000	356,500	Ajmer-Merwara
...	...	...	4,600	...	...	141,000	800	140,200	Coorg
...	...	...	...	...	...	7,500	200	7,300	Manpur Pargana
994,700	119,400	5,770,400	5,465,300	1,332,400	1,067,900	255,356,200	31,190,600	224,165,600	TOTAL

Summary Tables—continued

No. 5—LIVE-STOCK, PLOUGHS, AND CARTS IN EACH PROVINCE

PROVINCE AND YEAR OF ENUMERATION	Bulls and bullocks	Cows	BUFFALOES		Young stock (calves and buffalo calves)	Sheep	Goats	Horses and ponies	Mules and donkeys		Camels	Ploughs	Carts	
			Male	Cow					Male	Female				
1	2	3	4	5	6	7	8	9	10	11	12	13		
Bengal (1912-13)	9,562,800	7,378,200	668,700	274,000	8,385,200	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	
Madras (1909-10)	6,152,300	5,012,700	1,251,100	2,169,100	5,474,300	10,752,500	7,425,700	58,400	4,100	181,300	...	3,895,500	1,278,400	
Bombay (1909-10)	Presidency	2,726,900	1,589,800	230,400	882,000	2,142,600	1,846,600	2,952,000	113,100	1,300	70,100	800	1,011,600	547,200
	Sand	598,500	716,700	9,700	281,600	501,800	424,300	1,074,200	88,600	1,100	104,900	115,800	275,400	48,400
United Provinces (1908-09)	Agra	7,195,600	4,582,100	495,900	2,654,400	6,675,800	2,146,800	5,013,700	362,600	18,800	247,500	18,400	3,889,100	628,800
	Oudh	3,224,900	2,023,700	185,000	915,400	2,469,900	709,000	2,138,100	144,300	1,600	45,600	3,100	1,359,900	154,600
Bihar and Orissa (1912-13)	5,730,300	5,142,900	608,200	1,463,000	3,565,000	1,099,200	3,644,100	171,900	..	30,200	200	2,879,800	440,800	
Punjab (1912-13)	4,321,000	3,864,400	624,300	2,324,700	3,788,400	4,582,100	4,233,300	357,900	38,400	579,100	270,200	2,157,700	232,400	
Burma (1912-13)	Upper	1,142,500	1,001,800	108,700	124,400	819,700	80,500	115,900	62,500	1,100	..	..	148,200	232,200
	Lower	961,700	520,900	277,800	278,300	684,300	2,000	71,600	21,700	..	..	..	431,600	301,600
Central Provinces (1912-13)	3,236,600	2,611,900	608,800	625,900	2,479,700	325,600	1,032,400	113,400	1,500	19,800	300	1,253,300	624,900	
Berar (1912-13)	788,300	583,800	26,700	221,800	463,300	146,100	496,400	29,800	100	10,500	200	142,900	206,700	
Assam (1911-12)	891,000	709,800	118,700	144,500	849,300	7,900	568,700	11,000	..	..	..	468,000	27,800	
North-West Frontier Province (1908-09)	422,200	386,700	15,900	146,600	294,400	621,000	577,100	26,800	13,000	108,700	40,600	214,700	6,000	
Ajmer-Merwara (1908-09)	74,100	97,600	8,600	27,000	55,400	237,500	226,800	2,400	..	6,300	1,500	39,100	11,500	
Coorg (1909-10)	48,400	38,600	14,800	8,400	39,200	300	2,300	300	..	200	..	33,100	500	
Manpur Pargana (1912-13)	2,200	2,000	..	1,000	1,200	..	1,100	..	..	100	..	800	400	
TOTAL (b)	46,982,900	35,711,600	5,285,400	12,472,100	38,639,600	22,931,400	28,683,400	1,554,700	61,000	1,863,600	444,100	17,699,700	4,292,200	

(a) Figures not available

(b) Figures in columns 7 to 13 exclude Bengal

Summary Tables—continued

No. 6—TRANSFERS OF PROPERTY IN LAND IN 1912-13 IN EACH PROVINCE

Province and nature of Tenure		NUMBER OF TRANSFERS		AREA TRANSFERRED	
		By order of Court	By private contract or gift	By order of Court	By private contract or gift
		No	No	Acres	Acres
<i>Bengal*</i> —					
<i>Madras</i> —					
Proprietors	{ revenue-paying	1,016	125,523	90,191	404,364
	{ wholly or partially revenue-free	44	5,362	495	30,489
<i>Bombay</i> —					
Proprietors	{ revenue-paying	411	87,781	2,796	684,460
	{ wholly or partially revenue-free	36	11,730	261	60,923
<i>Sind</i> —					
Proprietors	{ revenue-paying	13	10,568	193	169,315
	{ wholly or partially revenue-free	1	524	7	14,247
<i>United Provinces</i> —					
<i>Agra</i> —					
Proprietors	{ revenue-paying	6,517	58,281	156,866	661,123
	{ wholly or partially revenue-free	157	1,726	1,803	18,032
<i>Oudh</i> —					
Proprietors	{ revenue-paying	2,022	28,618	52,964	228,013
	{ wholly or partially revenue-free	11	137	49	1,052
<i>Bihar and Orissa</i> —					
Proprietors	{ revenue-paying	455	11,771	54,699	167,766
	{ wholly or partially revenue-free	37	4,941	2,239	9,744
Tenants who have statutory (or otherwise recognised) powers of transfer		3,932	242,401	24,867	457,823
<i>Punjab</i> —					
Superior ownership and talukdari		...	277	...	21,809
Ownership		3,230	147,398	34,085	517,542
Right of occupancy		...	16,901	...	37,584
<i>Upper Burma</i> —					
Proprietors	{ revenue-paying	374	40,770	2,695	230,610
	{ wholly or partially revenue-free	4	22	8	1
<i>Lower Burma</i> —					
Proprietors	{ revenue-paying	1,340	51,833	15,174	573,480
	{ wholly or partially revenue-free	...	...	...	...
<i>Central Provinces</i> —					
Proprietors	{ revenue-paying	353	2,172	155,140	375,279
	{ wholly or partially revenue-free	5	19	1,511	6,662
Tenants who have statutory (or otherwise recognised) powers of transfer		189	3,684	2,574	19,560
<i>Benar</i> —					
Proprietors	{ revenue-paying	304	13,132	6,045	179,453
	{ wholly or partially revenue-free	2	...	169	...
<i>Assam</i> —					
Proprietors	{ revenue-paying	706	29,834	4,491	54,557
	{ wholly or partially revenue-free	5	123	189	1,007
Tenants who have statutory (or otherwise recognised) powers of transfer		...	...	...	...
<i>North-West Frontier Province</i> —					
Superior ownership and talukdari		1	38	2,417	6,025
Ownership		372	38,544	9,264	122,155
Right of occupancy		22	4,936	825	12,152
<i>Ajmer-Merwara</i> —					
Proprietors	{ revenue-paying	7,686	9,120	6,736	28,045
	{ wholly or partially revenue-free	...	711	...	2,835
<i>Cooch</i> —					
Proprietors	{ revenue-paying	37	754	114	4,904
	{ wholly or partially revenue-free	13	8	9	68
TOTAL		29,288	948,486	628,936	5,045,798

*No information available

Summary Tables—continued

No. 7—INCIDENCE OF THE LAND REVENUE ASSESSMENT ON

DISTRICT AND NATURE OF TENURE	Total area by survey (less Feudatory States)	DEDUCT		BALANCE, THAT IS, FULLY ASSESSED AREA FOR WHICH FIGURES ARE AVAILABLE		Total revenue from land (excluding cesses)	Population of total area by survey (less feudatories)
		Area not fully assessed	Area for which the figures required for this table are not available	Total	Cultivated		
	Acres	Acres	Acres	Acres	Acres	Rs.	No.
Bengal—							
Zamindari (permanently settled)	39,210,955	1,726,132	421,604	37,063,220	21,550,805	3,25,07,394	44,588,115
(temporarily settled)	11,269,028	4,741,721	2,475,884	4,051,423	2,453,994	46,12,151 *3,47,153	
Madras—							
Raiyatwari	61,577,420	34,744,837	769,800	26,062,783	21,130,466	5,61,77,444	27,216,418
Zamindari	24,743,740	15,125,508	...	8,881,100	6,606,104	66,21,950	8,501,411
Whole inam villages	4,435,254	4,435,254	...	...	...	11,53,250	2,491,607
Bombay—							
Raiyatwari	44,875,749	9,098,643	13,530,644	22,246,462	15,118,571	3,09,28,277	15,133,597
Zamindari and village communities (temporarily settled)	3,753,804	156,554	1,063,786	2,538,264	1,457,108		
Sind—							
Raiyatwari	30,257,376	7,266,759	19,807,345	3,183,272	2,850,150	89,61,405	3,513,435
United Provinces—							
Agra—							
Zamindari and village communities (temporarily settled)	46,750,869	2,715,596	7,428,295	36,606,978	23,039,519	4,33,19,769	29,528,447
Zamindari (permanently settled)	0,276,836	187,701	1,098,677	4,990,458	2,966,120	45,91,082	4,865,549
Oudh—							
Zamindari and village communities (temporarily settled)	14,042,156	322,119	287,003	13,433,035	8,570,137	1,69,49,530	12,059,447
Zamindari (permanently settled)	1,264,564	420,241	...	844,323	629,956	9,07,845	736,336
Bihar and Orissa—							
Zamindari (permanently settled)	41,452,033	1,766,340	95,080	39,590,613	21,324,941	1,07,21,671	34,480,084
(temporarily settled)	11,760,399	5,408,026	845,480	5,506,893	3,636,564	42,69,382 *7,21,549	
Punjab—							
Zamindari (temporarily settled)	61,855,935	1,985,805	14,470,599	45,899,531	23,371,875	3,68,56,493	19,548,100
Upper Burma—							
Raiyatwari	53,804,895	2,964	40,630,205	13,171,726	4,587,640	1,55,26,398	4,113,483
Lower Burma—							
Raiyatwari	54,909,711	190,617	45,239,487	9,479,657	8,832,845	3,21,58,888	6,461,704
Central Provinces—							
Raiyatwari	1,855,552	...	...	1,855,552	619,944	1,01,47,929	10,864,915
Zamindari (temporarily settled)	40,612,182	13,717,814	...	26,894,368	14,257,255		
Government Forests	10,296,694	10,296,694	...	...	...		
Berar—							
Raiyatwari	9,146,607	1,643,951	...	7,502,656	6,223,113	86,56,149	3,059,457
Government Forests	2,182,093	2,182,093	...	...	...	...	...
Assam—							
Raiyatwari	25,908,965	23,866,569	...	3,042,396	...	67,71,507	6,712,835
Zamindari (temporarily settled)	1,465,273	1,465,273	...	...	(a)	6,50,314	
(permanently settled)	3,930,386	175	...	3,930,211	...	3,78,490	
North-West Frontier Province—							
Zamindari (temporarily settled)	8,437,699	989,688	367,398	7,090,663	2,455,035	25,76,475	3,255,075
Ajmer-Merwara—							
Zamindari and village communities (temporarily settled)	797,226	...	...	797,226	191,564	2,46,170	501,995
Zamindari (permanently settled)	978,695	154,321	...	819,374	181,084	1,15,597	
Coorg—							
Raiyatwari	1,012,260	832,694	...	142,566	(a)	3,64,604	174,976
Manipur—							
Raiyatwari	31,382	...	31,391	10,093	7,293	15,558	6,609
Total	616,891,509	144,474,084	146,552,527	325,127,792	191,977,033	32,56,57,933	334,322,726

* Miscellaneous revenue.
(a) Figures not available

THE AREA AND POPULATION IN EACH PROVINCE

Total revenue from land per head of population	Land revenue assessed on fully assessed area	INCIDENCE OF LAND REVENUE ON FULLY ASSESSED AREA PER ACRE		Population of fully assessed area	Land revenue assessment per head of population of fully assessed area	DISTRICT AND NATURE OF TENURE
		For total area	For cultivated area			
R a. p.	R	R a. p.	R a. p.	No.	R a. p.	
0 9 10 {	2,13,77,484	0 9 3	0 15 10	40,285,414	0 10 11	<i>Bengal</i> — Zamindari (permanently settled) Zamindari (temporarily settled)
	44,95,673	1 1 9	1 13 4			
2 1 0	5,15,32,614	1 15 9	2 7 0	27,210,418	1 14 4	<i>Madras</i> — Raiyatwari Zamindari Whole inam villages
0 12 6	61,81,046	0 11 2	0 15 0	8,501,411	0 11 8	
0 7 5	...	...	...			
2 0 8 {	2,47,78,372	1 1 10	1 10 3	12,510,389	2 8 4	<i>Bombay</i> — Raiyatwari Zamindari and village communities (temporarily settled)
	12,60,378	0 8 0	0 13 10	1,136,859	1 4 3	
2 9 5	84,70,690	2 10 7	2 15 7	(a)	(a)	<i>Sind</i> — Raiyatwari
						<i>United Provinces</i> —
1 7 6	4,26,67,020	1 2 8	1 13 8	27,108,202	1 8 9	<i>Agra</i> — Zamindari and village communities (temporarily settled) Zamindari (permanently settled)
0 15 1	45,77,168	0 14 8	1 8 6	4,342,022	1 0 10	
1 6 6	1,70,74,632	1 4 4	1 15 11	11,528,262	1 7 8	<i>Oudh</i> — Zamindari and village communities (temporarily settled) Zamindari (permanently settled)
1 3 9	6,88,797	0 13 1	1 1 6	531,150	1 4 9	
0 7 3 {	1,05,70,637	0 4 3	0 7 11	29,524,838	0 7 10	<i>Behar and Orissa</i> — Zamindari (permanently settled) " (temporarily settled)
	39,60,676	0 11 6	1 1 2			
1 13 9	3,49,18,711	0 12 4	1 7 11	(a)	(a)	<i>Punjab</i> — Zamindari (temporarily settled)
3 12 5	84,08,903	0 10 2	1 13 4	3,830,659	2 3 2	<i>Upper Burma</i> — Raiyatwari
4 13 8	2,49,03,763	2 10 1	2 13 2	(a)	(a)	<i>Lower Burma</i> — Raiyatwari
0 14 11 {	3,48,645	0 3 0	0 9 0	8,710,122	1 1 5 {	<i>Central Provinces</i> — Raiyatwari Zamindari (temporarily settled) Government Forests
	91,11,955	0 5 5	0 10 3			
2 13 3	82,96,503	1 1 8	1 5 4	2,783,265	2 15 8 {	<i>Berar</i> — Raiyatwari Government Forests
1 2 7 {	60,09,589	1 15 7	(a)	(a)	(a)	<i>Assam</i> — Raiyatwari Zamindari (temporarily settled) Zamindari (permanently settled)
	3,76,490	0 1 6				
1 2 3	23,30,079	0 5 3	0 15 2	(a)	(a)	<i>North-West Frontier Province</i> — Zamindari (temporarily settled)
0 11 7 {	2,46,170	0 5 1	1 4 6	501,395	0 11 7	<i>Ajmer Merwara</i> — Zamindari and village communities (temporarily settled) Zamindari (permanently settled)
	1,15,597	0 2 2	0 14 1			
2 1 4	2,62,408	1 12 1	(a)	(a)	(a)	<i>Coorg</i> — Raiyatwari
2 3 3	15,558	1 8 8	2 2 1	6,325	2 7 4	<i>Manipur</i> — Raiyatwari
1 6 0	29,29,79,618	0 14 5	1 8 5	...	...	Total

Summary Tables—concluded

No. 8—COMPARATIVE STATEMENT SHOWING ACREAGE UNDER CERTAIN CROPS IN VARIOUS COUNTRIES OF THE WORLD IN 1918

Countries	Rice	Wheat	Barley	Maize	Cotton
	Acres	Acres	Acres	Acres	Acres
India ^a	81,230,500	80,175,000	8,400,800	7,379,000	22,135,500
Algeria	...	...	8,150,800	...	...
Argentina	...	16,235,300	417,400	...	...
Australia	...	8,929,000	...	337,000	...
Austria	...	2,996,400	2,697,900	704,900	...
Belgium	...	393,900	84,000	...	...
Bulgaria	7,400	2,544,100	568,100	1,605,500	1,700
Canada	...	9,816,300	1,480,800	272,600	...
Chile	...	1,151,000	123,500	...	...
Egypt	251,500	...	...	1,692,900	1,788,000
France	...	16,162,800	1,677,700	1,159,600	...
Germany	...	4,876,000	4,084,900	...	...
Hungary(a)	...	8,646,100	3,022,400	6,418,900	...
Italy	362,000	11,836,700	619,500	(d)3,377,600	...
Japan	7,390,000	1,225,900	...	133,400	5,000
Luxemburg	...	27,400	3,000	...	...
Netherlands	...	139,800	63,300	...	...
New Zealand	...	166,900	32,000	6,000	...
Roumania	...	4,009,100	1,889,500	5,303,000	...
Russia-European	70,300	62,041,600	30,177,700	4,213,800	...
Siberia and the Steppes	595,600	13,097,000	1,081,000	17,600	1,372,000
Spain	96,000	9,410,000	8,792,800	1,148,500	...
Switzerland	...	104,600	12,800	3,200	...
Tunis	...	1,285,000	988,000	(e)27,200	...
United Kingdom(b)	...	1,790,400	1,930,000	...	...
United States of America	826,800	49,601,000	7,255,000	106,884,000	37,074,000

(a) Including Croatia and Slavonia

(b) Excluding Isle of Man and Channel Islands

(c) Includes Sorghum

(d) Late-sown Maize only

* Including figures for Native States, namely, 2,478,000 acres for rice, 6,814,000 acres for wheat, 980,500 acres for barley, 1,062,900 acres for maize, and 7,997,000 acres for cotton. The figures for rice, barley, and maize for Native States are, however, not complete, as returns for those crops are not furnished by a number of States.

Notes.—The figures for foreign countries have been taken partly from Part V of the Agricultural Statistics published by the Board of Agriculture and Fisheries, United Kingdom, and partly from the Bulletins of Agricultural and Commercial Statistics published by the International Institute of Agriculture, Rome.

TABLE I—AREA

Table I

No. 9—AREA (IN ACRES) OF EACH PROVINCE IN BRITISH INDIA

Province	Area according to professional survey	Deduct		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Bengal</i>					
1908-09	58,020,202	3,451,520	...	49,568,682	49,568,682
1909-10	58,019,233	3,451,520	...	49,567,713	49,567,713
1910-11	58,097,964	3,451,520	.....	49,646,444	49,646,444
1911-12	58,097,964	3,451,520	...	49,646,444	49,646,444
1912-13	(a) 58,931,504	3,451,520	...	50,479,984	50,479,984
<i>Madras</i>					
1908-09	97,184,534	6,378,150	.....	90,756,384	89,571,650
1909-10	97,522,361	6,378,150	...	91,144,211	89,015,611
1910-11	97,449,934	6,378,899	.....	91,071,035	88,713,300
1911-12	97,452,668	6,378,899	...	91,073,764	89,072,612
1912-13	97,446,741	6,378,899	...	91,067,842	89,542,520
<i>Bombay</i>					
1908-09	85,601,214	36,989,440	...	48,611,774	48,611,774
1909-10	85,610,300	36,989,440	...	48,620,860	48,620,860
1910-11	85,610,135	36,989,440	...	48,620,695	48,620,695
1911-12	85,618,793	36,989,440	...	48,629,353	48,629,353
1912-13	85,620,515	36,979,200	...	48,641,315	48,641,315
<i>Sind</i>					
1908-09	33,805,034	3,872,000	....	29,933,034	29,933,034
1909-10	33,845,362	3,872,000	...	30,073,362	30,073,362
1910-11	34,121,981	3,872,000	.....	30,249,981	30,249,981
1911-12	34,129,376	3,872,000	...	30,257,376	30,257,376
1912-13	34,143,132	3,872,000	.....	30,271,132	30,271,132
<i>Agra</i>					
1908-09	57,372,458	8,791,232	.....	53,581,226	53,581,226
1909-10	57,372,458	8,791,232	...	53,581,226	53,581,226
1910-11	57,372,937	4,345,232	...	53,027,705	52,800,904
1911-12	57,372,937	4,345,232	.....	53,027,705	52,789,610
1912-13	57,372,937	4,345,232	...	53,027,705	52,808,615
<i>Oudh</i>					
1908-09	15,306,720	.....	...	15,808,720	15,480,612
1909-10					15,482,476
1910-11					15,471,610
1911-12					15,476,329
1912-13					15,490,479

(a) Increase due to adoption of the latest census figures

Column 2.—The professional survey is that carried out by the Survey of India in Northern India, and by the corresponding departments in the Southern Presidencies. The provincial areas in this column exclude Native States in direct political relations with the Government of India, but include Feudatory or Tributary States politically controlled by Local Governments, with the exception of the Shan States in Burma and Tribal areas in the North-West Frontier Province.

Column 3.—In this column is entered the area of any Feudatory or Tributary States included in column 2.

Column 4.—Prior to 1908-09 this column showed the entire area (exclusive of Native States) for which the statistics required for tables II and III were not forthcoming in whole or in part. This area comprised chiefly estates held in permanent settlement or on privileged tenure, which were not surveyed or which possessed no agency for the annual collection of agricultural statistics. But arrangements have since been made to prepare statistics for the whole of this area, based either on regular returns or on estimates as has been found practicable. There is therefore no longer any unreturned area to be shown in this column.

Columns 5 and 6.—Column 5 is a check on the accuracy of column 3. In the latter "village papers" means "the papers prepared by the village accountants." They do not in several provinces relate to the whole area included in column 5; for instance, the village returns sometimes do not include the forest areas. In such cases, column 6 must be taken to be the total area corrected by the village papers in respect of the areas for which such papers exist. The area of provinces and districts which are calculated from village papers are necessarily somewhat different from those given by the Survey Department, (a) because, while the survey area of a district or province is calculated in block, the area by village papers represents the added total of field and village areas; and (b) because the system followed as regards the inclusion or exclusion of areas covered by water, buffalings, roads, and railroads, is not uniform in the two sets of returns. In provinces where no village papers exist, the figures in column 5 have been repeated in column 6. In that case they represent the area of which the details are stated in columns 2 to 4 of Table II.

Table I—continued

No. 9—AREA (IN ACRES) OF EACH PROVINCE IN BRITISH INDIA—continued

Province	Area according to professional survey	Deduct		Net area by professional survey	Corresponding area in village papers
		Fundatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Bihar and Orissa</i>					
1908-09	71,795,359	18,334,240	... ..	53,461,119	53,461,119
1909-10	71,754,476	18,334,240	... ..	53,420,236	53,420,236
1910-11	71,507,696	18,334,720	....	53,172,976	53,172,976
1911-12	71,507,696	18,334,720	... .	53,172,976	53,172,976
1912-13	71,418,217	18,334,720	....	53,083,497	53,083,497
<i>Punjab</i>					
1908-09	86,747,086	24,527,382	....	62,219,704	61,189,988
1909-10	86,742,737	24,527,382	... .	62,215,355	61,202,639
1910-11	86,726,737	24,511,382	... ..	62,215,355	61,223,743
1911-12	86,726,737	24,511,382	... ..	62,215,355	61,255,052
1912-13	86,367,319	24,511,384	... ..	61,855,935	60,887,559
<i>Upper Burma</i>					
1908-09	62,042,508	3,997,140	....	58,045,368	58,045,368
1909-10	63,009,712	3,997,722	... .	59,011,990	59,011,990
1910-11	(a) 57,802,617	3,997,722	....	53,804,895	53,804,895
1911-12	57,802,617	3,997,722	....	53,804,895	53,804,895
1912-13	57,802,617	3,997,722	....	53,804,895	53,804,895
<i>Lower Burma</i>					
1908-09	54,958,970	....	....	54,958,970	54,958,970
1909-10	54,988,272	....	....	54,988,272	54,988,272
1910-11	54,988,200	....	....	54,988,200	54,988,200
1911-12	54,994,247	... ..	... ..	54,994,247	54,994,247
1912-13	54,909,711	....	... ..	54,909,711	54,909,711
<i>Central Provinces</i>					
1908-09	72,883,418	19,960,343	... ..	52,923,075	53,282,494
1909-10	72,503,898	19,960,343	....	52,543,555	52,860,548
1910-11	72,552,216	19,960,343	....	52,591,873	52,958,372
1911-12	72,552,216	19,960,343	....	52,591,873	52,945,610
1912-13	72,552,216	19,960,343	... ..	52,591,873	52,764,428
<i>Berar</i>					
1908-09	11,288,666	... ..	... ..	11,288,666	11,368,757
1909-10	11,327,444	....	... ..	11,327,444	11,371,937
1910-11	11,327,443	... ..	....	11,327,443	11,371,948
1911-12	11,327,431	....	....	11,327,431	11,371,981
1912-13	11,328,700	....	....	11,328,700	11,373,801

See explanations given in footnotes (page 12)

(a) Decrease due to revision of estimates for certain unsurveyed tracts

Table I—continued

No. 9—AREA (IN ACRES) OF EACH PROVINCE IN BRITISH INDIA—concluded

PROVINCE	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Fundatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Assam</i>					
1908-09	39,275,494	7,969,920	.....	31,305,574	31,305,574
1909-10	39,275,494	7,969,920	..	31,305,574	31,305,574
1910-11	39,275,494	7,969,920	.....	31,305,574	31,305,574
1911-12	39,275,494	7,969,920	...	31,305,574	31,305,574
1912-13	39,275,494	7,969,920	... .	31,305,574	31,305,574
<i>North-West Frontier</i>					
1908-09	8,578,426	140,800	.....	8,437,626	8,574,443
1909-10	8,578,432	140,800	..	8,437,632	8,574,846
1910-11	8,578,439	140,800	.....	8,437,639	8,574,087
1911-12	8,578,462	140,800	.....	8,437,662	8,574,452
1912-13	8,578,499	140,800	.....	8,437,699	8,574,667
<i>Ajmer-Merwara</i>					
1908-09	1,693,728	.....	.....	1,693,728	1,693,790
1909-10	1,770,921	.....	.....	1,770,921	1,770,921
1910-11	1,770,921	...	.....	1,770,921	1,770,921
1911-12	1,770,921	.....	.....	1,770,921	1,770,921
1912-13	1,770,921	.....	..	1,770,921	1,770,921
<i>Coorg</i>					
1908-09	1,012,260	... ..	.....	1,012,260	1,012,260
1909-10					
1910-11					
1911-12					
1912-13					
<i>Pargana Manipur (Central India)</i>					
1908-09	31,383	.....	.....	31,383	31,383
1909-10					
1910-11					
1911-12					
1912-13					
<i>Total</i>					
1908-09	752,547,460	129,412,167	... ..	623,135,293	621,385,390
1909-10	753,771,463	129,412,749	... ..	624,358,714	621,793,817
1910-11	748,533,077	129,951,978	.....	618,581,099	615,717,386
1911-12	748,557,916	129,951,978	.....	618,605,938	616,120,924
1912-13	748,868,895	129,941,740	.....	618,927,155	616,787,740

See explanations given in footnotes (page 12)

(a) There is no record of area according to professional survey. The area stated is that of the whole pargana, including jagir and inam villages as given in the settlement records.

Table I—continued

No. 19—AREA (IN ACRES) OF EACH DISTRICT IN BENGAL

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Fundatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Bardwan</i>					
1908-09	1,721,990	...	...	1,721,990	1,721,990
1909-10					
1910-11					
1911-12					
1912-13	1,722,240	.....	.....	1,722,240	1,722,240
<i>Bankura</i>					
1908-09	1,677,440	.. ..	.....	1,677,440	1,677,440
1909-10					
1910-11					
1911-12					
1912-13					
<i>Birbhum</i>					
1908-09	1,121,280	.....	.. ..	1,121,280	1,121,280
1909-10					
1910-11					
1911-12					
1912-13					
<i>Midnapur</i>					
1908-09	3,319,040	.....	.....	3,319,040	3,319,040
1909-10					
1910-11					
1911-12					
1912-13					
<i>Hooghly</i>					
1908-09	760,715	.. ..	.. ..	760,715	760,715
1909-10	762,704	.. ..	.. ..	762,704	762,704
1910-11	762,704	.. ..	.. ..	762,704	762,704
1911-12	762,704	.. ..	.. ..	762,704	762,704
1912-13	760,320	.. ..	.. ..	760,320	760,320
<i>Howrah</i>					
1908-09	326,400	.. ..	.. ..	326,400	326,400
1909-10					
1910-11					
1911-12					
1912-13					
<i>24 Parganas</i>					
1908-09	3,100,533	.....	.....	3,100,533	3,100,533
1909-10					
1910-11					
1911-12					
1912-13	3,100,160	.. ..	.....	3,100,160	3,100,160
<i>Khulna</i>					
1908-09	3,049,016	.. ..	.. ..	3,049,016	3,049,016
1909-10					
1910-11					
1911-12					
1912-13	3,182,704	.. ..	.. ..	3,182,704	3,182,704
<i>Nadia</i>					
1908-09	1,788,015	.. ..	.....	1,788,015	1,788,015
1909-10	1,784,991	.. ..	.....	1,784,991	1,784,991
1910-11	1,784,991	.. ..	.....	1,784,991	1,784,991
1911-12	1,784,991	.. ..	.....	1,784,991	1,784,991
1912-13	1,785,800	.. ..	.....	1,785,800	1,785,800
<i>Jessore</i>					
1908-09	1,872,153	.. ..	.....	1,872,153	1,872,153
1909-10					
1910-11					
1911-12					
1912-13	1,872,000	.....	.....	1,872,000	1,872,000
<i>Murshidabad</i>					
1908-09	1,371,520	.. ..	.....	1,371,520	1,371,520
1909-10					
1910-11					
1911-12					
1912-13					

Note.—(1) The variations in the figures for 1912-13 for certain districts are due to adoption of the latest census figures. The area cadastrally surveyed comprises 14,737,038 acres or about 25 per cent of the total area of the province (exclusive of Native States). The figures for the remaining area of the province are based more or less on estimates.

(2) For explanations of all material changes in area according to professional survey, in this as well as in the succeeding section of Table I, reference is invited to the table stating changes made in boundaries, Appendix B.

AREA
(BENGAL)

16

Table I—continued

No. 10—AREA (IN ACRES) OF EACH DISTRICT IN BENGAL—continued

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
Malda					
1908-09	1,215,360	...	...	1,215,360	1,215,360
1909-10	1,212,498	.....	.....	1,212,498	1,212,498
1910-11	1,212,801	.....	.....	1,212,801	1,212,801
1911-12	1,212,801	...	...	1,212,801	1,212,801
1912-13	1,215,360	...	...	1,215,360	1,215,360
Dinajpur					
1908-09	2,525,440	...	.....	2,525,440	2,525,440
1909-10					
1910-11					
1911-12					
1912-13					
Rajshahi					
1908-09	1,659,520	.....	.....	1,659,520	1,659,520
1909-10					
1910-11					
1911-12					
1912-13					
Rangpur					
1908-09	2,225,648	...	.....	2,225,648	2,225,648
1909-10	2,225,648	.....	...	2,225,648	2,225,648
1910-11	2,226,511	.....	.....	2,226,511	2,226,511
1911-12	2,226,511	.....	.....	2,226,511	2,226,511
1912-13	2,226,560	...	.....	2,226,560	2,226,560
Hoogra					
1908-09	869,760	...	...	869,760	869,760
1909-10					
1910-11					
1911-12					
1912-13					
Pabna					
1908-09	1,176,960	.....	...	1,176,960	1,176,960
1909-10	1,179,888	...	.....	1,179,888	1,179,888
1910-11	1,179,888	.....	...	1,179,888	1,179,888
1911-12	1,179,888	...	...	1,179,888	1,179,888
1912-13	1,184,640	...	.....	1,184,640	1,184,640
Jalpaiguri					
1908-09	1,894,600	.....	.....	1,894,600	1,894,600
1909-10	1,894,600	.....	...	1,894,600	1,894,600
1910-11	1,893,737	...	...	1,893,737	1,893,737
1911-12	1,893,737	...	...	1,893,737	1,893,737
1912-13	1,868,160	.....	.....	1,868,160	1,868,160
Darjeeling					
1908-09	744,956	...	.....	744,956	744,956
1909-10					
1910-11					
1911-12					
1912-13					
Dacca					
1908-09	1,780,480	...	.....	1,780,480	1,780,480
1909-10					
1910-11					
1911-12					
1912-13					
Faridpur					
1908-09	1,459,840	.....	.....	1,459,840	1,459,840
1909-10					
1910-11					
1911-12					
1912-13					

Table I--continued

No. 10—AREA (IN ACRES) OF EACH DISTRICT IN BENGAL—concluded

District	Area according to professional survey	Deduct		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
Bacherganj					
1908-09	2,311,008	.....	.....	2,311,008	2,311,008
1909-10	2,311,008	.....	.....	2,311,008	2,311,008
1910-11	2,389,436	.....	.....	2,389,436	2,389,436
1911-12	2,389,436	.....	.....	2,389,436	2,389,436
1912-13	2,952,787	.....	.....	2,952,787	2,952,787
Maimensingh					
1908-09	4,062,352	.....	.....	4,062,352	4,062,352
1909-10					
1910-11					
1911-12					
1912-13	3,999,360	.....	.....	3,999,360	3,999,360
Tippera					
1908-09	1,599,360	.....	.....	1,599,360	1,599,360
1909-10					
1910-11					
1911-12					
1912-13					
Noakhali					
1908-09	1,052,160	.....	.....	1,052,160	1,052,160
1909-10	1,052,084	.....	.....	1,052,084	1,052,084
1910-11	1,052,084	.....	.....	1,052,084	1,052,084
1911-12	1,052,084	.....	.....	1,052,084	1,052,084
1912-13	1,064,265	.....	.....	1,064,265	1,064,265
Chittagong					
1908-09	1,594,816	.....	.....	1,594,816	1,594,816
1909-10	1,594,892	.....	.....	1,594,892	1,594,892
1910-11	1,594,892	.....	.....	1,594,892	1,594,892
1911-12	1,594,892	.....	.....	1,594,892	1,594,892
1912-13	1,594,880	.....	.....	1,594,880	1,594,880
Chittagong Hill Tracts					
1908-09	3,288,320	.....	.....	3,288,320	3,288,320
1909-10					
1910-11					
1911-12					
1912-13					
Feudatory and Tributary States not included in the area of any British district (a)					
1908-09	3,451,520	3,451,520	.....	.....	.....
1909-10					
1910-11					
1911-12					
1912-13					
Total					
1908-09	53,020,202	3,451,520	.....	49,568,682	49,568,682
1909-10	53,019,338	3,451,520	.....	49,567,718	49,567,718
1910-11	53,097,964	3,451,520	.....	49,646,444	49,646,444
1911-12	53,097,964	3,451,520	.....	49,646,444	49,646,444
1912-13	53,931,504	3,451,520	.....	50,479,984	50,479,984

See explanation given in the footnotes (page 15)

(a) Cooch Bihar and Hill Tippera States

Table 1—continued

No. 11—AREA (IN ACRES) OF EACH DISTRICT IN MADRAS

DISTRICT	Area according to professional survey	Deduct		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Ganjam</i>					
1908-09	5,356,574	.....	.....	5,356,574	5,356,574
1909-10	5,356,574	.....	.....	5,356,574	5,356,574
1910-11	5,362,976	.....	.....	5,362,976	5,362,976
1911-12	5,362,976	.....	.....	5,362,976	5,362,976
1912-13	5,362,976	.....	.....	5,362,976	5,362,976
<i>Visagapatam</i>					
1908-09	11,022,478	.....	.....	11,022,478	11,022,478
1909-10	11,022,478	.....	.....	11,022,478	11,022,478
1910-11	11,022,477	.....	.....	11,022,478	11,022,477
1911-12	11,022,477	.....	.....	11,022,477	11,022,477
1912-13	11,022,477	.....	.....	11,022,477	11,022,477
<i>Goddavari</i>					
1908-09	3,669,383	.....	.....	3,669,383	3,669,383
1909-10	4,048,903	.....	.....	4,048,903	4,048,903
1910-11	3,970,123	.....	.....	3,970,123	3,970,123
1911-12	3,980,698	.....	.....	3,980,698	3,980,698
1912-13	3,980,698	.....	.....	3,980,698	3,980,698
<i>Kistna</i>					
1908-09	3,784,842	.....	.....	3,784,842	3,386,590
1909-10	3,784,842	.....	.....	3,748,842	3,432,362
1910-11	3,780,254	.....	.....	3,780,254	3,390,299
1911-12	3,780,254	.....	.....	3,780,253	3,418,331
1912-13	3,780,254	.....	.....	3,780,254	3,499,693
<i>Guntur</i>					
1908-09	3,670,374	.....	.....	3,670,374	3,635,791
1909-10	3,670,374	.....	.....	3,670,374	3,614,398
1910-11	3,670,687	.....	.....	3,670,687	3,655,570
1911-12	3,670,687	.....	.....	3,670,687	3,663,008
1912-13	3,670,687	.....	.....	3,670,687	3,663,027
<i>Nellore</i>					
1908-09	5,097,300	.....	.....	5,097,300	5,184,282
1909-10	5,097,300	.....	.....	5,097,300	5,166,303
1910-11	5,103,053	.....	.....	5,103,053	4,759,280
1911-12	5,103,053	.....	.....	5,103,053	5,103,053
1912-13	5,103,053	.....	.....	5,103,053	5,103,053
<i>Karnul</i>					
1908-09	5,012,922	163,155	.....	4,849,767	4,855,275
1909-10	5,015,184	163,155	.....	4,852,029	4,875,106
1910-11	5,015,936	163,904	.....	4,852,032	4,868,178
1911-12	5,015,936	163,904	.....	4,852,032	4,885,585
1912-13	5,015,986	163,904	.....	4,852,082	4,899,447
<i>Bellary</i>					
1908-09	3,757,625	101,395	.....	3,656,230	3,646,359
1909-10	3,757,625	101,395	.....	3,656,230	3,645,988
1910-11	3,757,734	101,395	.....	3,656,339	3,645,989
1911-12	3,757,734	101,395	.....	3,656,339	3,645,989
1912-13	3,757,734	101,395	.....	3,656,339	3,645,989
<i>Anantapur</i>					
1908-09	3,556,988	.....	.....	3,556,988	3,545,114
1909-10	3,556,142	.....	.....	3,556,142	3,545,173
1910-11	4,299,968	.....	.....	4,299,968	4,275,310
1911-12	4,299,968	.....	.....	4,299,968	4,275,312
1912-13	4,299,968	.....	.....	4,299,968	4,275,380

*Column 2 states the area as ascertained by the provincial survey department supplemented, for tracts which have not come under the operations of that department, by areas obtained with the computing scale from the Survey of India atlas sheets of the localities concerned.

Columns, 5 and 6.—Up to 1906-07, these columns excluded the major portion of the zamindari estates and certain raiyatswari and whole inam villages for which statistics were not available, but from 1907-08 estimates for all these areas have been prepared and included. It should, however, be borne in mind that these estimates are not comparable for accuracy with the figures which are collected by adequate agency employed for the purpose. Of the total area (89,542,520 acres) entered in column 6 for 1912-13 (page 20), 66,876,146 are based on actual returns and 22,666,374 on estimates.

Table I—continued

No. 11—AREA (IN ACRES) OF EACH DISTRICT IN MADRAS—continued

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Fendatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Cuddapah</i>					
1908-09	5,582,739	.....	.....	5,582,739	5,582,852
1909-10	5,580,418	.....	.....	5,580,418	5,580,081
1910-11	3,771,968	.....	.....	3,771,968	3,763,220
1911-12	3,771,968	.....	.....	3,771,968	3,663,220
1912-13	3,771,968	.....	.....	3,771,968	3,763,220
<i>Chittoor (a)</i>					
1910-11	3,631,792	.....	.....	3,631,792	3,623,539
1911-12	3,631,782	.....	.....	3,631,782	3,631,782
1912-13	3,631,782	.....	.....	3,631,782	3,652,748
<i>North Arcot</i>					
1908-09	4,721,846	.....	.....	4,721,846	4,721,846
1909-10	4,721,846	.....	.....	4,721,846	4,721,846
1910-11	3,148,915	.....	.....	3,148,915	3,148,915
1911-12	3,148,915	.....	.....	3,148,915	3,148,915
1912-13	3,148,915	.....	.....	3,148,915	3,148,915
<i>Chingleput</i>					
1908-09	1,971,041	.....	.....	1,971,041	1,950,839
1909-10	1,971,041	.....	.....	1,971,041	1,948,473
1910-11	1,965,283	.....	.....	1,965,283	1,927,532
1911-12	1,965,283	.....	.....	1,965,283	1,927,545
1912-13	1,965,354	.....	.....	1,965,354	1,924,117
<i>Madras</i>					
1908-09	17,210	.....	.....	17,210	17,210
1909-10	17,210	.....	.....	17,210	17,210
1910-11	17,210	.....	.....	17,210	17,210
1911-12	17,210	.....	.....	17,210	17,210
1912-13	17,210	.....	.....	17,210	17,210
<i>South Arcot</i>					
1908-09	3,339,520	.....	.....	3,339,520	3,293,500
1909-10	3,339,520	.....	.....	3,339,520	3,293,449
1910-11	2,693,229	.....	.....	2,693,229	2,693,229
1911-12	2,693,229	.....	.....	2,693,229	2,693,300
1912-13	2,693,229	.....	.....	2,693,229	2,693,300
<i>Salem</i>					
1908-09	4,818,982	.....	.....	4,818,982	4,818,982
1909-10	4,822,728	.....	.....	4,822,728	4,822,728
1910-11	4,031,872	.....	.....	4,031,872	4,031,872
1911-12	4,031,872	.....	.....	4,031,872	4,031,872
1912-13	4,031,872	.....	.....	4,031,872	4,031,872
<i>Coimbatore</i>					
1908-09	4,989,867	.....	.....	4,989,867	4,989,867
1909-10	4,989,867	.....	.....	4,989,867	4,989,867
1910-11	4,603,677	.....	.....	4,603,677	4,660,366
1911-12	4,603,677	.....	.....	4,603,677	4,660,366
1912-13	4,603,677	.....	.....	4,603,677	4,660,364
<i>Trichinopoly</i>					
1908-09	3,034,509	704,000	.....	2,330,509	2,323,528
1909-10	3,034,509	704,000	.....	2,330,509	2,330,509
1910-11	3,862,521	704,000	.....	3,158,521	3,158,521
1911-12	3,862,806	704,000	.....	3,158,806	3,158,806
1912-13	3,862,522	704,000	.....	3,158,522	3,157,972

See explanation given in the foot notes (page 18)

(a) Constituted in 1910-11 out of Cuddapah and North Arcot

Table I—continued

No. 11—AREA (IN ACRES) OF EACH DISTRICT IN MADRAS—concluded

DISTRICT	Area according to professional survey	Deduct		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Tanjore</i>					
1908-09	2,375,387	.....	.....	2,375,387	2,389,375
1909-10	2,375,388	.....	.....	2,375,388	2,389,376
1910-11	2,375,388	.....	.....	2,375,388	2,389,387
1911-12	2,385,261	.....	.....	2,385,261	2,389,388
1912-13	2,385,267	.....	.....	2,385,267	2,389,388
<i>Madura</i>					
1908-09	5,568,898	.....	.....	5,568,898	4,831,680
1909-10	5,146,860	.....	.....	5,146,860	5,146,860
1910-11	5,146,860	.....	.....	5,146,860	5,123,645
1911-12	5,146,860	.....	.....	5,146,860	5,146,821
1912-13	5,146,860	.....	.....	5,146,860	5,147,236
<i>Ramnad (a)</i>					
1908-10	3,159,226	.....	.....	3,159,226	1,404,888
1910-11	3,093,453	.....	.....	3,093,453	1,606,515
1911-12	3,093,453	.....	.....	3,093,453	1,533,652
1912-13	3,087,731	.....	.....	3,087,731	2,074,315
<i>Tinnevely</i>					
1908-09	3,448,922	.....	.....	3,448,922	3,482,138
1909-10	2,716,282	.....	.....	2,716,282	2,744,337
1910-11	2,786,631	.....	.....	2,786,631	2,683,726
1911-12	2,768,704	.....	.....	2,768,704	2,682,354
1912-13	2,768,704	.....	.....	2,768,704	2,695,097
<i>Nilgiris</i>					
1908-09	646,221	.....	.....	646,221	653,794
1909-10	646,221	.....	.....	646,221	651,784
1910-11	646,061	.....	.....	646,061	651,206
1911-12	646,061	.....	.....	646,061	651,212
1912-13	646,061	.....	.....	646,061	651,312
<i>Malabar</i>					
1908-09	3,708,321	.....	.....	3,708,321	3,708,321
1909-10	3,708,321	.....	.....	3,708,321	3,708,321
1910-11	3,708,410	.....	.....	3,708,410	3,708,410
1911-12	3,708,410	.....	.....	3,708,410	3,708,410
1912-13	3,708,410	.....	.....	3,708,410	3,708,410
<i>Anjengo</i>					
1908-09	375	.....	.....	375	375
1909-10	375	.....	.....	375	375
1910-11	375	.....	.....	375	375
1911-12	375	.....	.....	375	375
1912-13	375	.....	.....	375	375
<i>South Canara</i>					
1908-09	2,573,517	.....	.....	2,573,517	2,573,517
1909-10	2,573,527	.....	.....	2,573,527	2,573,527
1910-11	2,573,481	.....	.....	2,573,481	2,573,481
1911-12	2,573,414	.....	.....	2,573,414	2,573,414
1912-13	2,573,421	.....	.....	2,573,421	2,573,421
<i>Feudatory and Tributary States not included in the area of any British district (b)</i>					
1908-09	5,409,600	5,409,600	.....	.....	.....
1909-10	5,409,600	5,409,600	.....	.....	.....
1910-11	5,409,600	5,409,600	.....	.....	.....
1911-12	5,409,600	5,409,600	.....	.....	.....
1912-13	5,409,600	5,409,600	.....	.....	.....
<i>Total</i>					
1908-09	97,184,534	6,378,150	.....	90,756,384	89,571,630
1909-10	97,522,361	6,378,150	.....	91,144,211	89,015,611
1910-11	97,449,931	6,378,899	.....	91,071,032	88,713,200
1911-12	97,452,665	6,378,899	.....	91,073,766	89,072,612
1912-13	97,446,741	6,378,899	.....	91,067,842	89,543,530

See explanation given in the foot notes (page 18)

(a) Constituted in 1909-10 out of Madura and Tinnevely

(b) Travancore and Cochin

Imp 30412 Dated 20.3.10

Table 1—*continued*

No. 11—AREA (IN ACRES) OF EACH DISTRICT IN BOMBAY

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Ahmadabad</i>					
1908-09	2,447,568	.....	.....	2,447,568	2,447,568
1909-10	2,447,515	.....	.....	2,447,515	2,447,515
1910-11	2,447,592	.....	.....	2,447,592	2,447,592
1910-12	2,447,723	.....	.....	2,447,723	2,447,723
1912-13	2,454,894	.....	..	2,454,894	2,454,894
<i>Katra</i>					
1908-09	1,245,553	224,000	.. ..	1,021,553	1,021,553
1909-10	1,245,563	224,000	.....	1,021,563	1,021,563
1910-11	1,245,564	224,000	.....	1,021,564	1,021,564
1911-12	1,245,573	224,000	.....	1,021,573	1,021,573
1912-13	1,245,598	224,000	.....	1,021,598	1,021,598
<i>Panch Mahals</i>					
1908-09	1,027,872	.....	.....	1,027,872	1,027,872
1909-10	1,027,692	.. ..	.....	1,027,692	1,027,692
1910-11	1,028,137	.. ..	.....	1,028,137	1,028,137
1911-12	1,027,050	.....	.....	1,027,050	1,027,050
1912-13	1,027,638	.....	.. ..	1,027,638	1,027,638
<i>Broach</i>					
1908-09	939,885	.....	.....	939,885	939,885
1909-10	939,876	.....	.....	939,876	939,876
1910-11	939,202	.. ..	.....	939,202	939,202
1911-12	939,201	.....	.....	939,201	939,201
1912-13	939,268	.....	.....	939,268	939,268
<i>Surat</i>					
1908-09	2,310,710	1,254,400	.. ..	1,056,310	1,056,310
1909-10	2,310,709	1,254,400	.....	1,056,309	1,056,309
1910-11	2,310,714	1,254,400	.....	1,056,314	1,056,314
1911-12	2,310,712	1,254,400	.....	1,056,312	1,056,312
1912-13	2,315,207	1,258,880	.....	1,056,327	1,056,327
<i>Khandesh</i>					
1908-09	7,010,135	616,320	.....	6,393,815	6,310,815
1909-10	7,009,526	616,320	.....	6,393,206	6,393,206
1910-11	7,009,273	616,320	.....	6,392,953	6,392,953
1911-12	7,008,757	616,320	.....	6,392,437	6,392,437
1912-13	7,009,247	616,320	.....	6,392,927	6,392,927
<i>Nasik</i>					
1908-09	3,987,603	230,400	.....	3,757,203	3,757,203
1909-10	3,992,104	230,400	.. ..	3,761,704	3,761,704
1910-11	3,993,184	230,400	.....	3,762,784	3,762,784
1911-12	3,994,826	230,400	.....	3,764,426	3,764,426
1912-13	3,994,797	230,400	.....	3,764,397	3,764,397
<i>Ahmadnagar</i>					
1908-09	4,227,685	.....	.....	4,227,685	4,227,685
1909-10	4,230,544	.....	.....	4,230,544	4,230,544
1910-11	4,232,301	.....	.....	4,232,301	4,232,301
1911-12	4,234,571	.....	.....	4,234,571	4,234,571
1912-13	4,236,600	.....	.....	4,236,600	4,236,600
<i>Poona</i>					
1908-09	4,025,972	592,000	.....	3,433,972	3,433,972
1909-10	4,025,963	592,000	.....	3,433,963	3,433,963
1910-11	4,025,935	592,000	.....	3,433,935	3,433,935
1911-12	4,026,004	592,000	.....	3,434,004	3,434,004
1912-13	4,026,112	592,000	.....	3,434,112	3,434,112
<i>Sholapur</i>					
1908-09	3,238,631	318,720	.....	2,909,911	2,909,911
1909-10	3,234,372	318,720	.....	2,915,652	2,915,652
1910-11	3,234,382	318,720	.....	2,915,662	2,915,662
1911-12	3,234,383	318,720	.. ..	2,915,663	2,915,663
1912-13	3,234,468	318,720	.....	2,915,748	2,915,748

Column 2 states the area as returned by the provincial revenue survey and settlement department, supplemented in the case of Native States by the returns of the topographical survey.

Columns 5 and 6.—The figures of column 5 are repeated in column 6, because the areas in village papers are derived from the revenue survey records. The figures for all unsurveyed villages are based on estimates. Of the total area (48,641,315 acres) entered in columns 5 and 6 for 1912-13, (page 22) 44,482,611 are based on actual returns and 4,158,704 on estimates.

Table I—continued

No. 12—AREA (IN ACRES) OF EACH DISTRICT IN BOMBAY—continued

District	Area according to professional survey	Deduct		Net area by professional survey	Corresponding area in village papers
		Fundatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Satara</i>					
1908-09	3,662,481	574,720	.....	3,087,761	3,087,761
1909-10	3,659,469	574,720	.....	3,084,749	3,084,749
1910-11	3,658,253	574,720	.....	3,083,533	3,083,533
1911-12	3,664,211	574,720	.....	3,089,491	3,089,491
1912-13	3,664,822	574,720	.....	3,089,902	3,089,902
<i>Belgaum</i>					
1908-09	2,952,710	.....	.....	2,952,710	2,952,710
1909-10	2,952,710	.....	.....	2,952,710	2,952,710
1910-11	2,952,896	.....	.....	2,952,896	2,952,896
1911-12	2,952,893	.....	.....	2,952,893	2,952,893
1912-13	2,950,990	.....	.....	2,950,990	2,950,990
<i>Bijapur</i>					
1908-09	4,279,881	627,200	.....	3,652,681	3,652,681
1909-10	4,279,914	627,200	.....	3,652,714	3,652,714
1910-11	4,279,917	627,200	.....	3,652,717	3,652,717
1911-12	4,279,624	627,200	.....	3,652,724	3,652,724
1912-13	4,279,929	627,200	.....	3,652,729	3,652,729
<i>Dharwar</i>					
1908-09	2,991,645	44,800	.....	2,946,845	2,946,845
1909-10	2,991,651	44,800	.....	2,946,851	2,946,851
1910-11	2,991,634	44,800	...	2,946,834	2,946,834
1911-12	2,991,634	44,800	...	2,946,834	2,946,834
1912-13	2,992,945	44,800	...	2,948,145	2,948,145
<i>Tanna</i>					
1908-09	2,487,251	198,400	.....	2,288,851	2,288,851
1909-10	2,487,228	198,400	.....	2,288,828	2,288,828
1910-11	2,486,978	198,400	...	2,288,578	2,288,578
1911-12	2,486,919	198,400	.....	2,288,519	2,288,519
1912-13	2,487,536	198,400	.....	2,289,136	2,289,136
<i>Koldba</i>					
1908-09	1,628,716	241,280	.....	1,387,436	1,387,436
1909-10	1,628,715	241,280	.....	1,387,435	1,387,435
1910-11	1,629,112	241,280	.....	1,387,832	1,387,832
1911-12	1,629,112	241,280	.....	1,387,832	1,387,832
1912-13	1,595,192	207,360	.....	1,387,832	1,387,832
<i>Ratnagiri</i>					
1908-09	2,554,538	.....	.....	2,554,538	2,554,538
1909-10	2,554,365	.....	...	2,554,365	2,554,365
1910-11	2,553,182	.....	.....	2,553,182	2,553,182
1911-12	2,553,214	.....	.....	2,553,214	2,553,214
1912-13	2,553,341	.....	.....	2,553,341	2,553,341
<i>Kanara</i>					
1908-09	2,525,178	.....	.....	2,525,178	2,525,178
1909-10	2,525,178	.....	.....	2,525,178	2,525,178
1910-11	2,525,179	.....	.....	2,525,179	2,525,179
1911-12	2,525,386	.....	.....	2,525,386	2,525,386
1912-13	2,525,731	.....	.....	2,525,731	2,525,731
<i>Fundatory and Tributary States not included in the area of any British district (a)</i>					
1908-09	32,067,200	32,067,200	.....	.....	.....
1909-10	32,067,200	32,067,200	.....	.....	.....
1910-11	32,067,200	32,067,200	.....	.....	.....
1911-12	32,067,200	32,067,200	.....	.....	.....
1912-13	32,086,400	32,086,400	.....	.....	.....
<i>Total</i>					
1908-09	85,601,214	36,989,440	.....	48,611,774	48,611,774
1909-10	85,610,800	36,989,440	.....	48,620,360	48,620,360
1910-11	85,610,185	36,989,440	.....	48,620,745	48,620,745
1911-12	85,618,793	36,989,440	.....	48,629,353	48,629,353
1912-13	85,620,515	36,979,200	.....	48,641,315	48,641,315

(a) Gujarat States (excluding Baroda) and some other States which are not included in the areas of British districts.

Table I—continued

No. 18—AREA (IN ACRES) OF EACH DISTRICT IN SIND

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
Karachi					
1908-09	7,510,280	.....	.....	7,510,280	7,510,280
1909-10	7,540,750	.....	.....	7,540,750	7,540,750
1910-11	7,720,128	.....	.....	7,720,128	7,720,128
1911-12	7,721,414	.....	.....	7,721,414	7,721,414
1912-13	7,722,443	.....	.....	7,722,443	7,722,443
Hyderabad					
1908-09	5,138,273	.....	.....	5,138,273	5,138,273
1909-10	5,144,204	.....	.....	5,144,204	5,144,204
1910-11	5,141,780	.....	.....	5,141,780	5,141,780
1911-12	5,141,770	.....	.....	5,141,770	5,141,770
1912-13	2,827,059	.....	.....	2,827,059	2,827,059
Sukkur					
1908-09	7,343,784	3,872,000	.....	3,471,784	3,471,784
1909-10	7,446,777	3,872,000	.....	3,574,777	3,574,777
1910-11	7,446,238	3,872,000	.....	3,574,238	3,574,238
1911-12	7,449,618	3,872,000	.....	3,577,618	3,577,618
1912-13	7,455,887	3,872,000	.....	3,583,887	3,583,887
Larkana					
1908-09	3,231,291	.....	.....	3,231,291	3,231,291
1909-10	3,232,805	.....	.....	3,232,805	3,232,805
1910-11	3,233,948	.....	.....	3,233,948	3,233,948
1911-12	3,234,691	.....	.....	3,234,691	3,234,691
1912-13	3,234,439	.....	.....	3,234,439	3,234,439
Upper Sind Frontier					
1908-09	1,692,422	.....	.....	1,692,422	1,692,422
1909-10	1,691,742	.....	.....	1,691,742	1,691,742
1910-11	1,691,892	.....	.....	1,691,892	1,691,892
1911-12	1,693,854	.....	.....	1,693,854	1,693,854
1912-13	1,692,408	.....	.....	1,692,408	1,692,408
Thar and Parkar					
1908-09	8,888,984	.....	.....	8,888,984	8,888,984
1909-10	8,889,084	.....	.....	8,889,084	8,889,084
1910-11	8,887,995	.....	.....	8,887,995	8,887,995
1911-12	8,888,029	.....	.....	8,888,029	8,888,029
1912-13	8,727,693	.....	.....	8,727,693	8,727,693
Nawabshah(a)					
1912-13	2,483,708	.....	.....	2,483,708	2,483,708
Total					
1908-09	33,805,034	3,872,000	.....	29,933,034	29,933,034
1909-10	33,945,362	3,872,000	.....	30,073,362	30,073,362
1910-11	34,121,981	3,872,000	.....	30,249,981	30,249,981
1911-12	34,129,876	3,872,000	.....	30,257,876	30,257,876
1912-13	34,143,122	3,872,000	.....	30,271,122	30,271,122

(a) Constructed out of Hyderabad and Thar and Parkar districts in 1912-13

Column 2 states the area as returned by the provincial revenue survey and settlement department, supplemented in the case of Native States by the returns of the topographical survey. The revenue survey being incomplete in Sind, the exact area is not known; the column states the area of surveyed tracts plus the estimated area of unsurveyed tracts.

Columns 5 and 6.—The figures of column 5 are repeated in column 6, because the areas in village papers are derived from the revenue survey records. The figures for all unsurveyed villages are based on estimates. Of the total area (30,271,122 acres) entered in these columns for 1912-13, 30,143,224 are based on actual returns and 124,908 on estimates.

Table I—continued

No. 14—AREA (IN ACRES) OF EACH DISTRICT IN THE PROVINCE OF AGRA

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Dohra-Dún</i>					
1908-09	945,280	.....	. . . . .	945,280	938,514
1909-10					938,389
1910-11					938,613
1911-12					931,224
1912-13					931,335
<i>Saháranpur</i>					
1908-09	1,381,725			1,381,725	1,365,955
1909-10					1,366,748
1910-11					1,366,320
1911-12					1,366,334
1912-13					1,366,336
<i>Muzaffárnagar</i>					
1908-09	1,056,675	.....	.....	1,056,675	1,067,050
1909-10					1,070,449
1910-11					1,068,792
1911-12					1,068,952
1912-13					1,068,912
<i>Meerut</i>					
1908-09	1,508,617	.....	.....	1,508,617	1,500,165
1909-10					1,500,050
1910-11					1,499,574
1911-12					1,499,101
1912-13					1,501,156
<i>Bulandshahr</i>					
1908-09	1,214,080	.....	. . . . .	1,214,080	1,217,853
1909-10					1,219,916
1910-11					1,219,940
1911-12					1,221,317
1912-13					1,224,395
<i>Aligarh</i>					
1908-09	1,244,800	.....	.....	1,244,800	1,245,519
1909-10					1,245,316
1910-11					1,246,709
1911-12					1,246,708
1912-13					1,246,700
<i>Muttra</i>					
1908-09	932,480	.....	.....	932,480	924,614
1909-10					924,442
1910-11					923,456
1911-12					922,579
1912-13					922,760
<i>Agra</i>					
1908-09	1,187,840	.....	.....	1,187,840	1,186,086
1909-10					1,186,011
1910-11					1,185,585
1911-12					1,185,781
1912-13					1,185,779
<i>Farukhabad</i>					
1908-09	1,080,320	.....	. . . . .	1,080,320	1,077,307
1909-10					1,077,853
1910-11					1,077,755
1911-12					1,077,869
1912-13					1,077,664
<i>Mainpuri</i>					
1908-09	1,129,600			1,129,600	1,071,701
1909-10					1,071,670
1910-11					1,071,660
1911-12					1,071,670
1912-13					1,071,686

Table 1—continued

No. 14—AREA (IN ACRES) OF EACH DISTRICT IN THE PROVINCE OF AGRA—continued

District	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Ftdwah</i>					
1908-09	1,077,760	.....	.....	1,077,760	1,082,412
1909-10					1,082,401
1910-11					1,080,220
1911-12					1,081,025
1912-13					1,081,625
<i>Etah</i>					
1908-09	1,086,270	.....	.....	1,086,270	1,106,514
1909-10					1,106,515
1910-11					1,106,517
1911-12					1,106,513
1912-13					1,106,446
<i>Bareli</i>					
1908-09	1,010,560	.....	.....	1,010,560	1,010,796
1909-10					1,011,026
1910-11					1,010,128
1911-12					1,010,146
1912-13					1,010,105
<i>Bijnor</i>					
1908-09	1,195,520	.....	.....	1,195,520	1,145,588
1909-10					1,145,464
1910-11					1,145,080
1911-12					1,145,847
1912-13					1,145,778
<i>Budoun</i>					
1909-09	1,266,370	.....	.....	1,266,370	1,280,200
1909-10					1,288,825
1910-11					1,284,546
1911-12					1,284,645
1912-13					1,284,310
<i>Moradabad</i>					
1908-09	1,478,263	.....	.....	1,478,263	1,468,200
1909-10					1,472,275
1910-11					1,472,802
1911-12					1,472,362
1912-13					1,468,905
<i>Shahjahanpur</i>					
1908-09	1,105,920	.....	.....	1,105,920	1,104,773
1909-10					1,104,979
1910-11					1,104,889
1911-12					1,104,545
1912-13					1,104,624
<i>Pilibiti</i>					
1908-09	912,640	.....	.....	912,640	864,490
1909-10					864,079
1910-11					863,885
1911-12					864,181
1912-13					865,231
<i>Cawnpore</i>					
1908-09	1,578,760	.....	.....	1,578,760	1,516,416
1909-10					1,513,441
1910-11					1,514,799
1911-12					1,513,821
1912-13					1,516,825
<i>Fatehpur</i>					
1908-09	1,034,240	.....	.....	1,034,240	1,050,801
1909-10					1,050,803
1910-11					1,050,798
1911-12					1,050,798
1912-13					1,050,815

AREA
(AGRA)

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Table I—continued

No. 14—AREA (IN ACRES) OF EACH DISTRICT IN THE PROVINCE OF AGRA—continued

District	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Banda</i>					
1908-09	2,175,744	169,984	.. ..	2,005,760	1,911,493
1909-10					1,911,461
1910-11					1,926,528
1911-12					1,926,468
1912-13					1,926,593
<i>Hamirpur</i>					
1908-09	1,751,680	266,720	.....	1,484,960	1,487,139
1909-10					1,487,157
1910-11					1,487,151
1911-12					1,487,158
1912-13					1,487,158
<i>Allahabad</i>					
1908-09	1,804,800	.....	. . . .	1,804,800	1,827,436
1909-10					1,829,389
1910-11					1,822,235
1911-12					1,822,204
1912-13					1,822,440
<i>Jhansi</i>					
1908-09	2,291,200	.....	.....	2,291,200	2,326,008
1909-10					2,326,002
1910-11					2,326,087
1911-12					2,326,207
1912-13					2,326,022
<i>Jalaun</i>					
1908-09	990,080	54,528	.....	935,552	941,282
1909-10					941,275
1910-11					941,275
1911-12					941,270
1912-13					941,270
<i>Benares</i>					
1908-09	644,480	.....	.....	644,480	645,271
1909-10					645,265
1910-11					645,265
1911-12					645,265
1912-13					645,265
<i>Mirzapur (a)</i>					
1908-09	3,452,800	.....	.....	3,452,800	3,328,662
1909-10	3,452,800	.....	.....	3,452,800	3,328,523
1910-11	2,898,800	.....	.. ..	2,898,800	2,769,188
1911-12	2,898,800	.....	.....	2,898,800	2,769,161
1912-13	2,898,800	.....	.....	2,898,800	2,769,160
<i>Jaunpur</i>					
1908-09	992,640	.....	.....	992,640	991,867
1909-10					991,867
1910-11					991,862
1911-12					991,862
1912-13					991,862
<i>Ghazipur</i>					
1908-09	936,560	.....	.....	936,560	890,914
1909-10					890,923
1910-11					890,923
1911-12					890,923
1912-13					890,923

(a) See explanation given in the foot note (page 27)

Table I—continued

AREA (IN ACRES) OF EACH DISTRICT IN THE PROVINCE OF AGRA—concluded

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Ballia</i>					
1908-09	727,549	.....	.....	727,549	792,963
1909-10	727,549	.....	.....	727,549	795,973
1910-11	727,549	.....	.....	727,549	795,927
1911-12	727,549	.....	.....	727,549	795,278
1912-13	727,549	.....	.....	727,549	796,159
<i>Gorakhpur</i>					
1908-09	2,918,400	.....	.....	2,918,400	2,891,207
1909-10					2,893,599
1910-11					2,898,468
1911-12					2,893,621
1912-13					2,895,582
<i>Basti</i>					
1908-09	1,786,880	.....	.....	1,786,880	1,795,200
1909-10					1,795,441
1910-11					1,795,485
1911-12					1,794,303
1912-13					1,796,625
<i>Azamgarh</i>					
1908-09	1,407,245	.....	.....	1,407,245	1,414,958
1909-10					1,416,213
1910-11					1,417,571
1911-12					1,417,567
1912-13					1,418,252
<i>Almora</i>					
1908-09	3,468,000	..	.....	3,468,000	3,480,000
1909-10	3,468,000	.....	..	3,468,000	3,480,000
1910-11	3,480,000	.....	.....	3,480,000	3,427,000
1911-12	3,480,000	.....	.....	3,480,000	3,427,000
1912-13	3,480,000	.....	.....	3,480,000	3,427,000
<i>Garhwal</i>					
1908-09	3,608,000	.....	.....	3,608,000	3,687,000
1909-10					
1910-11					
1911-12					
1912-13					
<i>Naini Tal</i>					
1908-09	1,713,280	.....	.....	1,713,280	1,712,325
1909-10	1,713,280	.....	.....	1,713,280	1,712,754
1910-11	1,751,759	.....	.....	1,751,759	1,765,763
1911-12	1,751,759	.....	.....	1,751,759	1,752,215
1912-13	1,751,759	.....	.....	1,751,759	1,772,142
<i>Feudatory and Tributary States not included in the area of any British district (a)</i>					
1908-09	3,280,000	3,280,000	.....	.....	.....
1909-10	3,280,000	3,280,000	.....	.....	.....
1910-11	3,884,000	3,884,000	.....	.....	.....
1911-12	3,884,000	3,884,000	.....	.....	.....
1912-13	3,884,000	3,884,000	.....	.....	.....
<i>Total</i>					
1908-09	57,872,458	3,791,282	.....	53,581,226	53,245,292
1909-10	57,872,458	3,791,282	.....	53,581,226	53,388,689
1910-11	57,872,987	4,345,332	.....	53,027,705	52,800,204
1911-12	57,872,987	4,345,332	.....	53,027,705	52,799,610
1912-13	57,872,987	4,345,332	.....	53,027,705	52,802,615

(a) Rampore, Tehri, and Benares. In 1910-11, the area of the Family Domains of the Maharaja of Benares situated in the Mirzapur district was constituted as the State of Benares. This area has therefore been excluded from that year from the area of the Mirzapur district and included under the head "Feudatory and Tributary States not included in the area of any British district." The portion of the Maharaja's domains situated in the Benares district remains British Territory.

Columns 5 and 6.—For tracts which possess no agency for collecting statistics, the figures are based on estimates. Of the total area (52,802,615 acres) entered in column 6 for 1912-13 for the Province of Agra, 45,412,615 are based on actual returns and 7,390,000 on estimates.

Table I—continued

No. 15—AREA (IN ACRES) OF EACH DISTRICT IN OUDH

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Lucknow</i>					
1908-09	625,280	.....	.....	625,280	621,998
1909-10					622,090
1910-11					621,458
1911-12					621,473
1912-13					621,115
<i>Unao</i>					
1908-09	1,111,040	.....	.....	1,111,040	1,140,767
1909-10					1,143,598
1910-11					1,142,182
1911-12					1,142,617
1912-13					1,138,048
<i>Rae-Bareilly</i>					
1908-09	1,121,280	.....	.....	1,121,280	1,119,625
1909-10					1,119,661
1910-11					1,119,734
1911-12					1,119,727
1912-13					1,119,841
<i>Sitapur</i>					
1908-09	1,411,840	.....	.....	1,411,840	1,440,341
1909-10					1,440,343
1910-11					1,440,398
1911-12					1,440,398
1912-13					1,441,680
<i>Hardoi</i>					
1908-09	1,463,040	.....	.....	1,463,040	1,492,064
1909-10					1,492,376
1910-11					1,491,815
1911-12					1,492,725
1912-13					1,493,315
<i>Kheri</i>					
1908-09	1,888,640	.....	.....	1,888,640	1,907,577
1909-10					1,904,567
1910-11					1,897,095
1911-12					1,897,098
1912-13					1,897,118
<i>Fyzabad</i>					
1908-09	1,055,860	.....	.....	1,055,860	1,109,992
1909-10					1,108,500
1910-11					1,108,195
1911-12					1,108,524
1912-13					1,111,941
<i>Gonda</i>					
1908-09	1,806,080	.....	.....	1,806,080	1,808,331
1909-10					1,808,439
1910-11					1,812,060
1911-12					1,814,828
1912-13					1,815,127
<i>Bahraich</i>					
1908-09	1,697,280	.....	.....	1,697,280	1,695,706
1909-10					1,695,634
1910-11					1,695,852
1911-12					1,695,478
1912-13					1,695,690
<i>Sultanpur</i>					
1908-09	1,086,640	.....	.....	1,086,640	1,098,869
1909-10					1,098,850
1910-11					1,098,847
1911-12					1,098,884
1912-13					1,098,901
<i>Partabgarh</i>					
1908-09	933,120	.....	.....	933,120	921,874
1909-10					923,680
1910-11					923,645
1911-12					923,638
1912-13					923,608
<i>Barabanki</i>					
1908-09	1,105,120	.....	.....	1,105,120	1,126,625
1909-10					1,126,737
1910-11					1,127,449
1911-12					1,127,309
1912-13					1,126,105
<i>Total</i>					
1908-09	15,306,720	.....	.....	15,306,720	15,490,813
1909-10	15,306,720	.....	.....	15,306,720	15,467,478
1910-11	15,306,720	.....	.....	15,306,720	15,471,516
1911-12	15,306,720	.....	.....	15,306,720	15,476,328
1912-13	15,306,720	.....	.....	15,306,720	15,430,736

Table 1—*continued*

No. 16—AREA (IN ACRES) OF EACH DISTRICT IN BIHAR AND ORISSA

District	Area according to professional survey	Deduct		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
Patna					
1908-09	1,328,000			1,328,000	1,328,000
1909-10					
1910-11					
1911-12					
1912-13					
Gaya					
1908-09	3,015,680			3,015,680	3,015,680
1909-10					
1910-11					
1911-12					
1912-13					
Shahabad					
1908-09	2,800,334			2,800,334	2,800,334
1909-10	2,800,772			2,800,772	2,800,772
1910-11	2,800,948			2,800,948	2,800,948
1911-12	2,800,948			2,800,948	2,800,948
1912-13	2,786,687			2,786,687	2,786,687
Darbhanga					
1908-09	2,142,690			2,142,690	2,142,690
1909-10					
1910-11					
1911-12					
1912-13					
Muzaffarpur					
1908-09	1,942,400	...		1,942,400	1,942,400
1909-10					
1910-11					
1911-12					
1912-13					
Saran					
1908-09	1,711,286	...		1,711,286	1,711,286
1909-10					
1910-11					
1911-12					
1912-13					
Champaran					
1908-09	2,259,840	..		2,259,840	2,259,840
1909-10					
1910-11					
1911-12					
1912-13					

The area professionally surveyed is 40,622,770 acres, which is about 82.2 per cent of the total area of the province (exclusive of Native States). The figures for the remaining area of the province are based more or less on estimates.

AREA
(BIHAR AND ORISSA)

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Table I—continued

No. 16—AREA (IN ACRES) OF EACH DISTRICT IN BIHAR AND ORISSA—continued

District	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Fundatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
Monghyr					
1908-09	2,510,080	.....	.....	2,510,080	2,510,080
1909-10					
1910-11					
1911-12					
1912-13					
Bhagalpur					
1908-09	2,704,640	.....	.....	2,704,640	2,704,640
1909-10	2,704,640	.....	.....	2,704,640	2,704,640
1910-11	2,663,319	.....	.....	2,663,319	2,663,319
1911-12	2,663,319	.....	.....	2,663,319	2,663,319
1912-13	2,661,020	.....	.....	2,661,020	2,661,020
Purnea					
1908-09	3,196,153	.....	.....	3,196,153	3,196,153
1909-10					
1910-11					
1911-12					
1912-13					
Santhal Parganas					
1908-09	3,691,447	.....	..	3,691,447	3,691,447
1909-10	3,691,447	.....	..	3,691,447	3,691,447
1910-11	3,466,100	.....	.....	3,466,100	3,466,100
1911-12	3,466,100	.....	.....	3,466,100	3,466,100
1912-13	3,466,100	.....	.....	3,466,100	3,466,100
Cuttack					
1908-09	2,338,560	.....	.....	2,338,560	2,338,560
1909-10	2,340,307	.....	.....	2,340,307	2,340,307
1910-11	2,340,307	.....	.....	2,340,307	2,340,307
1911-12	2,340,307	.....	.....	2,340,307	2,340,307
1912-13	2,340,307	.....	.....	2,340,307	2,340,307
Balasore					
1908-09	1,332,621	.....	.....	1,332,621	1,332,621
1909-10	1,332,621	.....	.....	1,332,621	1,332,621
1910-11	1,332,621	.....	.....	1,332,621	1,332,621
1911-12	1,332,621	.....	.....	1,332,621	1,332,621
1912-13	1,332,621	.....	.....	1,332,621	1,332,621
Angul					
1908-09	1,094,281	.....	.....	1,094,281	1,094,281
1909-10	1,094,281	.....	.....	1,094,281	1,094,281
1910-11	1,089,280	.....	.....	1,089,280	1,089,280
1911-12	1,089,280	.....	.....	1,089,280	1,089,280
1912-13	1,089,280	.....	.....	1,089,280	1,089,280
Puri					
1908-09	1,599,360	.....	.....	1,599,360	1,599,360
1909-10					
1910-11					
1911-12					
1912-13					

See explanation given in the foot note (page 29)

Table I—*continued*No. 16—AREA (IN ACRES) OF EACH DISTRICT IN BIHAR AND ORISSA—*concluded*

DISTRICT	Area according to professional survey	DEDUCT		Net area by professional survey	Corresponding area in village papers
		Feudatory and Tributary States	Area for which no returns exist		
1	2	3	4	5	6
<i>Sambalpur</i>					
1908-09	2,447,860	... ..	... ..	2,447,860	2,447,860
1909-10					
1910-11					
1911-12					
1912-13					
<i>Hazaribagh</i>					
1908-09	4,498,440	.....	.....	4,498,440	4,498,440
1909-10					
1910-11					
1911-12					
1912-13	4,401,828	... ..	... ..	4,401,828	4,401,828
<i>Ranchi</i>					
1908-09	4,561,920	... ..	... ..	4,561,920	4,561,920
1909-10	4,561,920	... ..	... ..	4,561,920	4,561,920
1910-11	4,544,832	... ..	... ..	4,544,832	4,544,832
1911-12	4,544,832	... ..	... ..	4,544,832	4,544,832
1912-13	4,546,305	... ..	... ..	4,546,305	4,546,305
<i>Palamu</i>					
1908-09	3,144,960	.....	.....	3,144,960	3,144,960
1909-10					
1910-11					
1911-12					
1912-13					
<i>Munbhum</i>					
1908-09	2,654,080	.....	.....	2,654,080	2,654,080
1909-10					
1910-11					
1911-12					
1912-13					
<i>Singbhum</i>					
1908-09	2,490,240	... ..	... ..	2,490,240	2,490,240
1909-10					
1910-11					
1911-12					
1912-13	2,507,480	... ..	... ..	2,507,480	2,507,480
<i>Feudatory and Tributary States not included in the area of any British district (a)</i>					
1908-09	18,334,240	18,334,240	} .....	.....	.....
1909-10	18,334,240	18,334,240			
1910-11	18,334,720	18,334,720			
1911-12	18,334,720	18,334,720			
1912-13	18,334,720	18,334,720			
<i>Total</i>					
1908-09	71,795,369	18,334,240	... ..	53,461,119	53,461,119
1909-10	71,764,476	18,334,240	... ..	53,430,236	53,430,236
1910-11	71,607,696	18,334,720	... ..	53,272,976	53,272,976
1911-12	71,607,696	18,334,720	... ..	53,272,976	53,272,976
1912-13	71,418,217	18,334,720	... ..	53,083,497	53,083,497

See explanation given in the foot note (page 29)
(a) Tributary States in Orissa and Chota Nagpur