

1960

PREFACE

The report containing the results of the Census of landholdings and cultivation conducted in the Travancore-Cochin State (former) by the Department of Statistics was first published in 1956. Subsequent to the printing of the report certain modifications were necessitated in some of the tables forming part of the report at the instance of the Government of India. It is, therefore, felt desirable to have a re-print of the report incorporating the modifications ; and hence this report.

Malabar District of the erstwhile Madras State is now part of the Kerala State. The results of the Census on landholdings and cultivation conducted by the Madras Government in the Malabar District have been furnished to this Department by the Madras Government. These have also been included in this report as Appendix IX.



Mr. [Name] [Address] [City] [State] [Zip]

Dear Mr. [Name]:

Very truly yours,

[Signature]

CONTENTS

			Page
1.	Section	1—Land and the people ..	1
2.	..	2—The Land Census ..	3
3.	..	3—Land Tenures ..	5
4.	..	4—Sample Census of Land Holdings ..	9
5.	..	5—Returns from Village Office ..	11
6.	..	6—Sample Census ..	13
7.	..	7—Summary ..	22
8.	Appendix	I—Enumeration Form I ..	23
9.	..	II—Classification of Land into Zones ..	25
10.	..	III—Areas of Zones and Sample Villages ..	27
11.	..	IV—Classification of Land area ..	28
12.	..	V—Enumeration Form II ..	33
13.	..	VI—Conversion to Standard Acre..	36
14.	..	VII—Distribution of holdings from Land Records ..	40
15.	..	VIII—Distribution of Cultivators' holdings from Sample Census..	45
16.	..	IX—Distribution of holdings in the Malabar area ..	64

APPENDIX

Item	Description	Quantity	Unit	Value
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
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PART I

Section 1—Land and the people

1. *The State.*—For a proper appreciation of the land problems in the State, a brief description of the land and the people is necessary. The State lies at the southernmost corner of India between the Western Ghats and the Arabian Sea. It has a total length of nearly 250 miles and the breadth varies irregularly from about 20 miles in the extreme north and south to a maximum of 75 miles in the middle. The area of the State is 9144 square miles.

2. *Natural Regions.*—The physical configuration of the State is singularly diversified. The forest-clad Western Ghats lie on the eastern border of the State. From the Western Ghats, the country undulates to the west and presents a series of hills and valleys intersected by numerous rivers. On the west the country is more or less flat. These characteristics demarcate the State into three natural regions—the highland, the midland and the lowland.

3. *Highland.*—The highland, on the eastern portion of the State and containing most of the reserve forests, occupies an area of 4135 square miles. This forms 45 per cent of the total area of the State. The annual rainfall ranges between 100 inches in the south and 200 inches in the north. The climate is cool and bracing. Means of communication are poor and cultivation is largely limited to plantation crops like tea, rubber and cardamom. Naturally, registered holdings are in the names of companies and a few individuals who have the necessary financial resources to cultivate the plantation crops.

4. *Midland*—The midland consists of uplands of varying elevation through which rivers have carved out long narrow valleys. It covers an area of 3361 sq. miles (37 per cent of the total area of the State). Rainfall ranges from 55 to 140 inches. Rice is grown in the valleys while tapioca, cocoanut, pepper, ginger and rubber are cultivated on the hill slopes. Since this cultivation pattern requires only less financial outlay, the holdings in the midland are smaller in extent and more numerous than those in the highland.

5. *Lowland.*—The lowland covering 1648 sq. miles (18 per cent of the area of the State) is narrow and irregular in shape. It has an almost continuous line of lagoons and backwaters receiving the drainage of several rivers. The rainfall ranges from 35 inches in the extreme south to 110 inches in the north. The soil is peculiarly suited to the cultivation of rice and cocoanut,

6. *Population.*—The 1951 Census has recorded 92·80 lakhs of people in the State. The distribution of the population in the three natural divisions is as given below :—

	Population (Percentage)	Area (Percentage)	Population (Density)
State ..	100	100	1015
Lowland ..	43·5	18·0	2448
Midland ..	50·0	36·8	1381
Highland ..	6·5	45·2	147

This table shows that the pressure of population on land is highest in the lowland. It should therefore be expected that holdings in the lowland will be more numerous and smaller in area.

7. *Districts.*—For administrative purposes, the State is divided into four Districts—Trivandrum, Quilon, Kottayam and Trichur. Each district cuts through the three natural regions. The sub-joined table gives the area and population (expressed as percentages) of the corresponding figures of the State and the density of each district.

	Area	Population	Density
State ..	100	100	1015
Trivandrum ..	16·3	23·2	1444
Quilon ..	29·9	32·6	1109
Kottayam ..	32·3	19·2	604
Trichur ..	21·5	25·0	1170

8. *Districts and Natural regions.*—Even though the above figures give indications of the pressure of population in the four districts, cultivation and size of land holdings in the districts depend on the extent of the three natural regions in the districts. This is summarized below:

	Trivandrum	Quilon	Kottayam	Trichur
All Regions ..	100	100	100	100
Lowland ..	31·5	21·4	7·4	19·0
Midland ..	35·9	35·0	31·0	48·4
Highland ..	32·6	43·6	61·6	32·6

It could now be inferred that Trivandrum District with the largest percentage of its area in lowland, should record a correspondingly greater percentage of landowners and Kottayam with a predominately large percentage of area in the highland should have only a low percentage of landowners. These indications are helpful in the study of the distribution of pattadars given in a subsequent section.

9. *Means of livelihood.*—The means of livelihood of the people of the State can be broadly classified under agriculture and non-agriculture. Under agricultural classes may be included owner cultivators of land, tenant cultivators, agricultural labourers and rent receivers.

Fifty-five per cent of the people are under agricultural classes. This number consists of 27 per cent owner cultivators, 7 per cent cultivating tenants, 20 per cent agricultural labourers and one per cent rent receivers.

The livelihood pattern in the natural sub divisions is as given below :—

Means of livelihood	Natural sub division		
	Lowland	Midland	Highland
All Classes ..	100	100	100
Agricultural ..	40	69	54
Owner cultivators ..	19	34	22
Tenant cultivators ..	4	10	9
Agricultural labourers ..	16	23	22
Rent receivers ..	1	2	1
Non-agriculture ..	60	31	46

The midland and highland have significantly larger percentages of agricultural classes than the lowland. The extent of cultivable land per capita is greater in the midland; and the highland affords immense possibilities for agriculture. In the lowland, with a high density of population and relatively low per capita extent of cultivable land, agriculture affords practically little opening for work and many seek non-agricultural occupations.

Section 2—The Land Census

1. *Why a Land Census.*—In making its recommendations on land policy in the First Five Year Plan, the Planning Commission drew attention to the inadequate information available regarding the distribution and size of holdings. It was pointed out

4

that the available data do not distinguish between cultivated and uncultivated land, and in respect of land under cultivation, between different classes of land. With these in view, Planning Commission recommended that all States should co-operate in undertaking a Census of land holdings and cultivation.

2. *Concepts.*—The concepts and definitions in respect of the Census of Land Holdings and Cultivation as laid by the Government of India (*vide* letter No. F. 5-27/53-PC-II Government of India, Ministry of Food and Agriculture dated 8-1-1954 and annexures) are as follows :—

The object of the Census is to collect essential data relating to the holding and cultivation of agricultural land. The Census will relate to agricultural land comprised in owners' holdings of all sizes. 'Agricultural land' means the cultivable area comprised in a holding including groves and pastures. All unoccupied area such as forest land and other uncultivable land should be excluded. Land held in urban areas will also be excluded. An owners' holding may be defined as the area of land owned by an individual owner in the village included in the Circle of Village Accountant.

'Area Owned' includes land held as owner as well as land held under rights of occupancy. An occupancy right may be said to exist when the holder has a minimum right of permanent inheritable possession. Thus (a) an area of land owned by A but held in right of occupancy by B, will be shown as B's land and not as A's land; (b) an area of land held by two owners—a superior owner and an inferior owner—will be shown in favour of the inferior owner only; (c) an area of land mortgaged with possession will be included in the holding of the mortgagee and excluded from the holding of the mortgager; (d) in the case of a joint holding the area proportionate to the share of each person should be shown separately; (e) area owned by each individual member of family should be treated as a separate holding; (f) area under personal cultivation includes land owned other than land leased for a period of one year or more to a tenant.

3. *Land under Cultivation.*—The basic details required are in respect of land under the following categories:

- (i) land cultivated in person
- (ii) land given on lease on cash rent
- (iii) land given on lease on kind rent
- (iv) land given on mortgage
- (v) land taken on mortgage

The number of persons with land-holdings in various sizes under each of the five classifications given above has to be determined.

4. *Standard acre.*—For purposes of comparing land in various places within the State, the Government of India have also directed that the land-holdings should be evaluated in terms of the “standard” acre. The value of land depends on various factors like:

- (i) yield
- (ii) cost of cultivation
- (iii) communication facilities
- (iv) markets
- (v) public institutions
- (vi) density of population.

Further, yield and cost of cultivation will depend upon irrigation facilities and the kind of crop.

Thus the census of land-holdings has to take into account (i) cultivation tenure, (ii) crop-pattern, (iii) agricultural operations and (iv) agro-economic conditions of the locality. Using these, the distribution of land-holding according to size has to be determined in terms of (i) ordinary acres, and (ii) standard acres for the four cultivation tenures—owner cultivation, lease on cash rent, lease on kind rent and mortgage.

Section 3—Land Tenures

1. *Land Tenures-Travancore Area.*—Lands in the Travancore area fall broadly under two categories (i) *Pandaravagai* and (ii) *Jenmom*. The former are Government lands and the latter belong to a class of landholders called Jenmies. The Pandaravagai lands form about 4/5th of the arable area in the State and Jenmom lands about 1/5th. The lands in the State were settled on the ryotwari principle *viz.*, principle of direct settlement with the ryots.

The following are the other important tenures which occupy a position different from Jenmom and Pandaravagai:—

- (i) Edavagai
- (ii) Sreepandaravaka
- (iii) Kandukrishi
- (iv) Sreepandomvaka

2. *Edavagai lands.*—There were four Edavagais (freehold estates) in the State which were free from assessment. They were the Edappalli, Poonjar, Vanjipuzha and Kilimanoor. The Edavagai Chiefs were the absolute proprietors of these lands till recently. They bore some resemblance to the Zamindaries in other parts of India. Most of the Tenants who held lands under these estates had permanent occupancy rights. They were settled under Statutes. By the Travancore-Cochin Edavagai Rights Acquisition Act XXVII of 1955, the Edavagais were acquired by the Government by payment of compensation and the tenants were given full proprietary rights over the lands held by them.

3. *Sreepandaravaka lands.*—The Sreepandaravaka lands belong to the deity Sree Padmanabhaswami to whom the great Maharaja Marthandavarma, the founder of Modern Travancore, dedicated the

whole State as a gift and assumed management as His Vasal. A portion of these lands is assessed to Rajabhogam to the Government while the residual assessment is paid to the Sree Padmanabhaswami Temple (Sree Pandaravakai). In the remaining portion the entire assessment is paid to Sreepandaravakai. Under the Travancore Land Tax Proclamation 1121 M. E., (1946), these lands were exempted from the imposition of basic tax as distinct from Pandaravagai and Jenmom lands. The question of assessing these lands also to basic tax is under the consideration of Government.

4. *Kandukrishi lands*.—The Kandukrishi lands were the Sthanam (Farm) property of His Highness the Rajapramukh till 1949 when His Highness the Rajapramukh surrendered them to Government. There are two categories of these lands, viz., Pattom and Thanathu. Pattas were issued to holders of Pattom lands at the last settlement, although they had no proprietary right over them. In the case of Thanathu lands, however, no pattas were issued at the Settlement, but they were allowed to be enjoyed by the tenants on payment of the rent fixed at the Settlement. Some of these Thanathu lands are also being leased out for definite periods. Since all these lands now belong to Government, the question of enfranchising them conferring full proprietary right on the holders as in the case of Pandaravaka lands is under the consideration of Government.

5. *Sreepadamvaka lands*.—The Sreepadamvaka lands are the private property of (the Sovereign) the Sreepadam Palace represented by the Attingal Ranies having only the right to appropriate the revenue from the lands. These were also settled like Pandaravaka lands. A portion of these lands are charged with Rajabhogam to the Sirkar (Government) while the remaining portions are not charged with any revenue to the State. The entire revenue derived from these pattom lands and the thanathu lands ensure to the benefit of the Sreepadom palace. These lands were exempted from the purview of the Travancore Land Tax Proclamation of 1121 (1946). These have been exempted from basic tax for the time being under the Travancore-Cochin Land Revenue Act XV of 1955 also. The question of assessing these lands also to basic tax under the above Act is under the consideration of Government. In the case of assigned lands where pattas have been issued, the tenants have permanent occupancy right, but in the case of Thanathu lands where no pattas have been issued, the tenants have no vested right. They are mere tenants-at-will.

6. *Ownership*.—The ownership of the lands held under the various tenures is as detailed below:—

(i) *Pandaravaka lands assigned on registry for which pattas have been granted*.—The holders of these lands have absolute ownership with right of alienation, inheritance, etc.

(ii) *Government lands held on lease without limit of time for periods of 12 years or more on the score of bona fide occupation*.—These lands could be evicted at any time for

breach of any of the terms of the lease, and at three months' notice if the lands are required for any public purpose. Subject to these conditions the lessees enjoy occupancy of the land.

(iii) *Jenmom lands held by the Jenmies themselves with absolute ownership*:—These lands are also assessed with basic tax to Government.

(iv) *Jenmom lands demised on Kanom to the Kudiyan*s:—Although these lands were only leases for definite periods renewable thereafter on payment of certain fees, by legislation (Jenmikaram Settlement Rules issued under the Jenmi and Kudiyan Act) the tenants have been given full ownership over the lands subject only to the payment of the Jenmikaram due to the jenmies, besides basic tax to Government. Pattas have been issued to the Jenmies as well as the Kudiyan or tenants.

(v) *Sreepandaravaka lands assigned on registry*:—These are held by tenants on patta issued at the Settlement. They are alienable and heritable.

(vi) *Kandukrishi pattom lands for which pattas have been issued at the Settlement*:—These are alienable and heritable.

(vii) *Sreepadavaka lands held on patta issued at the Settlement*:—These are also alienable and heritable.

7. *Land Tenures in Cochin area*.—Lands in the Cochin area are divided into the following four class of tenures:

- (1) Pandaravaka Verumpattom or normal tenure,
- (2) Pandaravaka Kanom,
- (3) Puravaka, and
- (4) Inam.

Of these, the first is like Pandarattom lands in Travancore while the last three are favourably assessed lands.

8. *Pandaravaka Verumpattom*.—Pattas have been granted to the holders of the Pandaravaka Verumpattom lands and they are alienable and heritable.

9. *Pandaravaka Kanom*.—The Pandaravaka Kanom are favourably assessed (i. e., 2/3 of the Pandaravaka rate for both Nilams and Parambu) on account of the fact that the State has received certain advances from the tenants. For all practical purposes they are like Pandaravaka Verumpattom lands alienable and heritable and the tenants (Kanomdars) have absolute ownership over the lands.

10. *Puravaka lands*.—In the case of Puravaka lands, besides Government (Sirkar) and the tenant there is an intermediary, the Jenmi to whom a share of the produce of the land is due as in the case of Jenmom lands in the Travancore area. When the Jenmi and the Kudiyan (tenant) had applied for joint registry under the Cochin Joint Registry Act, a joint Patta was issued showing the rights of the Jenmi and the Kudiyan. The share of the State in respect of Puravaka wet lands is fixed at half the rate fixed for Pandaravaka Verumpattom lands and in respect of Puravaka garden lands at one fourth of the above rate.

11. *Inam lands.*—The Inam lands are in the nature of personal grants or grants made in some cases for the performance of certain specified services in religious institutions etc., and in others for services rendered on previous occasions or other similar reasons either absolutely or on certain specified conditions. These are treated as tax-free subject only to the payment of Thirumulkazhcha or quit rent which is a nominal assessment of 6 pies in the rupee of normal assessment. These lands have also been settled and the holders given full proprietorship subject to the conditions of the grant.

12. *Ownership.*—With a view to confer full proprietary rights on the holders of Kanom lands in the Cochin area, the Kanom Tenancy Act XXIV of 1955 has been passed and has come into effect from 1st March 1953. This Act provides for the settlement, collection and payment of Jenmikaram in respect of these lands. By the Verumpattomdars Act of 1118 M. E. (1943) fixity of tenure was granted to the Verumpattom tenants. The scope of evicting the tenants by the landlords was limited by Section 8 of the Act.

The ownership of lands in the Cochin area is therefore as detailed below.

The holders have alienable and heritable rights in respect of the following classes of lands :—

- (i) Pandaravaka Verumpattom
- (ii) Pandaravaka Kanom
- (iii) Puravaka
- (iv) Inam
- (v) Verumpattom lands under private landlords
- (vi) Kanom lands under landlords.

In the case of all lands in the Cochin area over and above the assessment fixed at the Settlement, a Thirumulkazhcha or quit rent at 6 pies in the rupee of assessment is fixed and it is due to the State.

13. *Land records.*—The following land revenue records are mainly necessary for the conduct of Census of Land Holdings in the State:—

Travancore Area

- (1) Settlement Register
- (2) Thandaper Account
- (3) Kuthagapattom Account
- (4) Register of Kandukrishi lands
- (5) Register of Sreepandaravaka lands
- (6) Register of Sreepadom lands
- (7) Thandaper Accounts of Sreepandaravaka lands
- (8) Poramboke Register (Register No. 2)

Cochin Area

- (i) Settlement Register
- (ii) Individual-war Chitta
- (iii) Thandaper Register
- (iv) Lease Register
- (v) Inam Register
- (vi) Encroachment Register

The Thandaper Register is the most important record in the Village Office. It is a complete list of Pattadars in the Village. Against each Pattadar are given the survey numbers of plots for which he pays tax; the plots are differentiated into two—wet land (paddy field) and dry land (gardens).

The Kuthagapattom Register in Travancore and the Lease Register in Cochin contain the list of persons for which land has been leased out. The Kandukrishi Register (similar to the Thandaper Register) relates to land belonging to His Highness the Maharaja of Travancore. The Sreepandaravaka Thandaper Register relates to land belonging to Sree Padmanabhaswami Temple at Trivandrum. Register No. 2 in the Taluk Offices is a list of unauthorised occupation of Government land pending enquiry.

The Inam Register in Cochin area contains particulars of title deeds granted to Inamdars.

14. *Limitations of Land Records.*—These records are generally not up-to-date as changes due to sale, partition and other transactions might not be incorporated in time. Even if they be assumed to be correct, they give only the tax-payers and their holdings classified into paddy field or garden lands. At the time of Settlement (1886-1910) each plot of land was assigned a "tharam" (i. e. grade). The classification into "tharam" according to yield may probably have been correct at the time of Settlement. But the pressure of population on land has been steadily increasing at an enormous rate and the problem of sustenance has necessitated consistent development of land in all directions. Further, the improvements in means of communication, opening of markets and growth of urban centres have altered the land value to such an extent that the "tharam" classification has very little meaning now.

Added to these limitations, the land registers do not give details of tenure of cultivation actually in vogue. Thus the land records in this State cannot give the data for land census laid down by the Central Government.

Section 4—Sample Census of Landholdings.

1. *Complete Enumeration.*—In the light of the limitations in the land records, the land census has to be conducted by spot enquiry of every landowner and cultivator. A modest estimate of the expenditure involved in such an undertaking is of the order of Rs. 13 lakhs. The problem of complete enumeration had to be dropped.

However, a complete abstract of the individual landholdings as entered in the land revenue village records, was prepared by the officers of the Land Revenue Department at a cost of nearly Rs. 40,000. The tabulation of these returns has given useful information on the extent of sub-division of land in the State and the distribution of landholdings according to size and ownership. The form with instructions used for this abstraction is given in Appendix I.

2. *Sample Census.*—The details of tenure of cultivation required by the Central Government have been collected by sampling methods. The result of sampling will give the overall picture with reasonable accuracy; and this will help to formulate policy. But the question of implementing the accepted policy will require investigation on individual holdings.

3. *Sample.*—The sample covered ten per cent of the villages in the State. The taluks in the State were divided into twenty-nine geographical zones depending upon natural features and cultivation. These 29 zones were grouped into 23 classes based on similarity in crop-pattern. Appendices II, III and IV give details of zones—cultivated area, uncultivated area, etc. A ten per cent sample out of 708 Villages in the State were selected at random so that the twenty-nine zones and the twenty-three crop-pattern classes were represented. The number of sample villages in each zone was in proportion to the extent of cultivated land in it. The enumeration was done by the staff of the Department of Statistics. The schedule used for the purpose with instructions are given in Appendix V.

4. *Details enumerated.*—The following details have been collected in respect of each informant:

(i) land for which tax is paid by an individual and is

- (a) cultivated by him
- (b) leased out on rent in kind or cash
- (c) cultivated on a crop-sharing basis
- (d) given out on mortgage

(ii) land taken on mortgage by an individual and

- (a) cultivated by him
- (b) given on lease on cash or kind rent
- (c) cultivated on a crop-sharing basis

(iii) land taken by an individual on Kuthagapattom.

Further, the land in each case has been classified into single crop or double crop and irrigated or non-irrigated. In the case of garden lands, the major crops have also been noted.

5. *Agricultural Holding.*—According to the concepts and definitions laid down by the Central Government for purposes of land census, an agricultural holding is limited to land owned (in the sense that tax is paid by the individual) and land taken on mortgage and (a) cultivated by him either personally or on a crop-sharing basis or (b) given out on short term lease.

The details collected in the sample census allow the conversion of the holdings owned by individuals to agricultural holding as defined above.

6. *Standard acre.*—The concept of standard acre is a bit puzzling and vague. Differences in land value are great and as such evaluation can have a realistic sense only if it is done on each plot by an experienced and impartial agency. This has not been possible. However, an attempt has been made to convert actual acres into standard acres by fixing a standard land value for each village and pricing individual holdings at this standard rate.

The standard land value has been obtained as follows:—

The details of enumeration given in para 4 of this section give the total land area in the village under

(a) single-crop irrigated land	(W ₁)
(b) single-crop unirrigated land	(W ₂)
(c) double-crop irrigated land	(W ₃)
(d) double-crop unirrigated land	(W ₄)
(e) cocoanut cultivation	(W ₅)
(f) tapioca cultivation	(W ₆)
(g) other garden crops	(W ₇)

The price of land was ascertained for a number of plots under each of these 7 categories from the documents executed in the Sub-Registry Office in the village and if the average prices per acre of these categories of land are P₁, P₂, P₃, P₄, P₅, P₆ and P₇, the standard rate is

$$P = (P_1 W_1 + \dots + P_7 W_7) / (W_1 + W_2 + \dots + W_7).$$

A standard acre is fixed as the extent of land available for Rs. 5,000 at the rate of Rs. P per acre. Thus, the number of standard acres in a holding of size (a) in the village is A given by

$$A = P_a / 5000$$

Appendix VI gives the conversion factors for the sample villages.

Section 5—Returns from Village Office.

1. *Tables.*—The returns from the village office have been consolidated into Taluk, District and State Tables giving the number of Pattadars in different grades of holdings. Any particular holding may have wet land or garden land only or both. The tabulation has been done for wet land and garden land separately and also for the total holding. The tables so obtained are given in Appendix VII.

The tables yield some important results in respect of the size of holdings. The following table gives the number of pattadars owning holdings of varying sizes.

Grade of holding	Wet land	Garden land	Total
All grades	1000	1000	1000
Below 10 cents	160	154	146
Below 25 cents	424	358	357
Below 50 cents	638	554	552
Below 100 cents	806	744	738
Above 1 acre	194	256	262
Above 2.5 acres	69	89	98
Above 5 acres	30	36	41
Above 10 acres	12	13	15

2. *Wet land.*—It will be seen that only 3 per cent of the pattadars have wet land exceeding 5 acres and 19 per cent have wet land over 1 acre in extent. Thus 81 per cent have wet land below 1 acre, 42 per cent having only less than 25 cents.

3. *Garden land.*—In respect of the garden land, 26 per cent have holdings exceeding one acre and only 4 per cent have holdings over 5 acres. 74 per cent have holdings below one acre, 36 per cent of these being below 25 cents.

4. *Total holdings*—The distribution on the basis of total holdings is more or less similar to that for garden lands. Thus, the holdings in the State have undergone so much of sub-division that almost 75 per cent of the pattadars have holdings below one acre.

5. The distribution of pattadars in the four districts is summarised below:—

*Distribution
in Districts*

Grade of holding	Trivandrum	Quilon	Kottayam	Trichur
All grades	1000	1000	1000	1000
Below 25 cents	410	404	224	220
Below 50 cents	607	615	387	392
Below 1 acre	789	798	577	600
Above 1 acre	211	202	423	400
Above 5 acres	26	22	89	89
Above 10 acres	9	7	33	42

The size of holdings in Kottayam and Trichur is generally larger than that in the other two districts. Even so, only 42 per cent of the holdings in Kottayam and 40 per cent in Trichur are over one acre. In respect of Trivandrum and Quilon, almost 80 per cent of the holdings are below one acre.

6. *Ratio of pattadars to total population.*—The small size of the holdings is emphasised in the tables given above. The situation assumes a still more gloomy turn when the number of pattadars is compared to the total population. The following table gives the proportion of pattadars to the total population.

Number of pattadars among
every 100 persons.

State	23.5
Trivandrum	29.5
Quilon	31.4
Kottayam	20.0
Trichur	10.1

Thus, even with very small holdings for almost 75 per cent of the pattadars, only 23.5 per cent of the people have land of their own. In Trivandrum and Quilon districts, 3 out of 10 persons are landowners. In Kottayam, only 1 out of 5 owns land while in Trichur, it is only 1 in 10. The comparatively small percentage of landowners in Kottayam is largely due to the vast extent of highland in this district where cultivation of small holdings is practically impossible and uneconomic. In Trichur, "about, 60 per cent of the registered holdings are held on *puravaka* tenure and about 30 per cent on *Pandaravaka Verumpattam* tenure. Most of the land *puravaka* is owned by Deva-swoms (temples) and the big Jennies who do not cultivate the

lands themselves. These lands are outstanding with tenants on Kanom, Panayam, Verumpattom and other tenures. Though under the law in force in the erstwhile Cochin State these tenants have practically fixity of tenure in respect of their holdings they are not absolute owners of land. Even as regards lands on pandaravaka verumpattom tenure, the big Jemmies hold a major portion". This is the plausible explanation for the small percentage of pattadars in Cochin State.

7. *Conclusion.*—Thus, the land revenue records clearly point out that the important issues in formulating any land policy in this State are—

(i) extreme sub-division of holdings and (ii) pressure of a fast growing population on land. To overcome the evils from sub-division of holdings, Government have constituted a Board (under Section 71 of the Travancore-Cochin Co-operative Societies Act X of 1952 with the Second Member, Board of Revenue, the Director of Agriculture and the Registrar of Co-operative Societies as members) to achieve the consolidation of sub-division holdings. The second evil over population—still remains.

Section 6—Sample Census

1. *The difficulties in field work.*—The Sample Census has been an extremely arduous piece of work. In the first place, the people looked upon this Census with suspicion; there have been instances of informants who were definitely hostile. Further, the news of land reform towards ceiling had created great panic in the minds of landowners. Even the very enlightened section of the landholders raised various doubts, and difficulties. These have brought in a margin of inaccuracy in the details recorded in the schedules. This error is particularly visible in the information on land given on lease. The figures are on the low side.

2. *Tabulation.*—The schedules from each sample village have been scrutinised and the total size of the holding—owner cultivated plus given on lease plus taken on mortgage—and the area given on lease determined. These have been compiled into the tables in Appendix VIII. The appendix also contain tables relating to areas under personal cultivation of owners. From the villages in each zone, the estimates for the zones have been prepared by multiplying the figures in the sample by a correction factor equal to area of zone divided by area of village. From the tables for zones, those for the natural divisions, districts and State have been compiled.

3. *The State Table.*—The distribution of the cultivators' holdings in the State is summarised below. For purposes of comparison the distribution of holdings according to land records is also given in a parallel column.

Grade of holdings	Number of holdings	
	Sample Census	Land Records
All	1000	1000
Below 1 acre	667	737
Above 1 acre	333	263
Above 2.5 acres	136	99
Above 5 acres	52	42
Above 10 acres	17	16
Above 20 acres	6	6
Above 40 acres	2	2

Sixty seven per cent of cultivation holdings is below 1 acre. Though a third of the cultivators' holdings exceeds one acre, it is only 5 per cent of the holdings that is over five acres.

4. *Natural Sub-Division.*—In respect of the natural divisions, the sub-joined table will speak for itself. In the lowland, the holdings are much smaller than those in the midland. Larger-sized holdings in the highland are relatively more numerous than those in the lowland or the midland.

Grade of holdings (in ordinary acres)	State	No. of holdings (Ordinary)		
		Lowland	Midland	Highland
All	1000	1000	1000	1000
Below 1 acre	667	782	630	523
Above 1 acre	333	218	370	477
Above 2.5 acres	136	79	144	241
Above 5 acres	52	31	56	83
Above 10 acres	17	12	19	17
Above 20 acres	6	4	6	7
Above 40 acres	2	1	2	2

5. *Districts.*—The distribution of cultivators' holdings in the districts is given in the following table. Trivandrum District has the largest number of holdings of small sizes; Quilon, Kottayam and Trichur are the next in order. In regard to holdings that are large, the reverse order prevails. This is to be expected in view of the natural features dominant in the districts and the relative density of population in them.

Grade of holdings (Ordinary acres)	No. of holdings			
	Trivandrum	Quilon	Kottayam	Trichur
All	1000	1000	1000	1000
Below 1 acre	763	724	523	533
Above 1 acre	237	276	477	467
Above 2.5 acres	75	96	228	228
Above 5 acres	25	32	85	113
Above 10 acres	17	10	22	50
Above 20 acres	11	3	6	21
Above 40 acres	..	1	1	7

6. *Area covered by Cultivators' holdings.*—A study of the distribution of holdings has shown that the large majority of them are small in extent. The area covered by holdings in different grades is now considered. The following table gives the proportionate area occupied by cultivator's holdings in the State and the natural divisions.

Grade of holdings	Area of holdings (Ordinary acres)			
	State	Lowland	Midland	Highland
All	1000	1000	1000	1000
Below 1 acre	165	230	160	91
Below 2.5 acres	370	425	373	285
Below 5 acres	571	598	558	570
Above 5 acres	429	402	442	430
Above 10 acres	266	287	278	204
Above 20 acres	164	181	166	137
Above 40 acres	98	112	99	79

In the State, 57 per cent of the cultivated area is comprised of holdings below 5 acres and only 27 per cent by holdings exceed 10 acres in area. In the lowland, almost 60 per cent of the cultivated area is formed by holdings below 5 acres, the proportions in the remaining two natural divisions being slightly less.

The position in respect of the districts is summarised below:

Grade of holdings	Area of holdings (Ordinary acres)			
	Trivandrum	Quilon	Kottayam	Trichur
All	1000	1000	1000	1000
Below 1 acre	273	227	107	80
Below 2.5 acres	531	466	303	208
Below 5 acres	710	676	551	342
Above 5 acres	290	324	449	658
Above 10 acres	151	192	236	512
Above 20 acres	64	104	134	377
Above 40 acres	23	60	72	256

In Trivandrum District, the area covered by holdings of small size is relatively greater than in the other districts. Kottayam and Trichur have greater area under holdings of larger size. This is to be expected in view of the remarks made in Section 5, Para 6.

7. *Land Leased Out.*—An Analysis of land leased out from cultivators holdings is given below:—

The following is an abstract showing the extent of land leased out on cash rent and kind rent.

	Agrl. land comprised in owners' holdings	Agrl. land not includ- ed in ow- ners' hold- ings	Area leased (Ordinary acres)		
			Total	On Cash rent	On Kind rent
State	3322925	N. A.	366342	145917	220425
Trivandrum Dist.	611721	..	16208	5018	11190
Quilon Dist.	914539	..	28836	10600	18236
Kottayam Dist.	1094841	..	81826	27993	53833
Trichur Dist.	701824	..	239472	102306	137166

The following table gives the proportions of owned land under personal cultivation and land leased out to the total area of Agricultural land comprised in owners' holdings.

	Proportion of owned land under personal cultiva- tion to Agrl. Land comprised in Owners' holdings	Proportion of land leased out to Agrl. land comprised in owners' Holdings		
		Total	On Cash rent	On Kind rent
State	0·8898	0·1102	0·0439	0·0663
Trivandrum Dist.	0·9735	0·0265	0·0082	0·0183
Quilon Dist.	0·9685	0·0315	0·0116	0·0199
Kottayam Dist.	0·9253	0·0747	0·0256	0·0491
Trichur Dist.	0·6588	0·3412	0·1458	0·1954

For the State as a whole, nearly 89 per cent of the agricultural land comprised in owners' holdings is cultivated by the owners themselves and only 11 per cent is given on lease. The proportion is highest in the Trivandrum District and lowest in the Trichur District. Out of this 11 per cent given on lease, 4 per cent is on cash rents and 7 per cent on kind rents. In Trivandrum and Quilon Districts nearly 3 per cent, in Kottayam District about 7 per cent and in Trichur District 34 per cent of the agricultural land comprised in Owners' holdings are given out on lease.

The following table gives the proportion of land leased out to the total area in cultivators' holdings of different grades. The numbers give the value of L/H, where L is the area leased out and H is the total area of the holdings.

Grade of holdings	Proportion of area leased out to total area (Ordinary)			
	State	Lowland	Midland	H ghland
All	0·1102	0·1151	0·1178	0·0810
Below 1 acre	0·0280	0·0293	0·0284	0·0217
1 to 2·5 acres	0·0339	0·0472	0·0323	0·0208
2·5 to 5 acres	0·0468	0·0648	0·0459	0·0337
5 to 10 acres	0·0953	0·1718	0·0915	0·0506
Above 10 acres	0·2769	0·2377	0·2980	0·2653

In the State as a whole, about 28 per cent of the area of cultivators' holdings exceeding 10 acres in extent, is given out on lease. The variations in the natural divisions are not much though in the lowland, there is a slightly lower percentage.

In the Districts, the variations in the proportions of land leased out are great as will be seen from the following table:—

Grade of holdings	Proportion of area leased out to total area (Ordinary)			
	Trivandrum	Quilon	Kottayam	Trichur
All	0·0265	0·0315	0·0747	0·3412
Below 1 acre	0·0238	0·0198	0·0251	0·0771
1 to 2·5 acres	0·0270	0·0197	0·0230	0·1062
2·5 to 5 acres	0·0262	0·0199	0·0325	0·1668
5 to 10 acres	0·0354	0·0262	0·0686	0·2872
Above 10 acres	0·0227	0·0763	0·1903	0·5024

Thus, in Trivandrum and Quilon Districts, only a small portion of the cultivators holdings is given out on lease, the proportions in the different grades varying from 2 per cent to 8 per cent. In Kottayam, the various are between 2 per cent and 19 per cent while in Trichur, they vary between 7 per cent and 50 per cent. In Trichur, the area leased out in cultivators holdings having areas between 5 and 10 acres is almost 29 per cent and that in holdings, over 10 acres is 50 per cent.

8. *Personal Cultivation.*—Coming to the aspect of personal cultivation by owners, the distribution of holdings under personal cultivation in different grades is as follows:

Grade of holdings	Number of holdings (Personal cultivation) Ordinary acres			
	State	Lowland	Midland	Highland
All	1000	1000	1000	1000
Below 1 acre	693	797	650	598
Above 1 acre	307	203	350	402
Above 2.5 acres	121	70	133	206
Above 5 acres	42	27	50	54
Above 10 acres	12	10	16	8
Above 20 acres	3	3	4	3
Above 40 acres	1	1	1	1

So far as the State is concerned 69 per cent of the holdings under personal cultivation is below 1 acre. Only 6 per cent of the holdings is over 5 acres.

The position in respect of Districts is given in the following table:

Grade of holdings	Number of holdings (Personal cultivation) Ordinary acres			
	Trivandrum	Quilon	Kottayam	Trichur
All	1000	1000	1000	1000
Below 1 acre	770	752	551	596
Above 1 acre	230	248	449	404
Above 2.5 acres	72	84	213	181
Above 5 acres	23	28	70	83
Above 10 acres	6	8	16	34
Above 20 acres	1	2	4	11
Above 40 acres	—	1	1	4

Trivandrum District has the largest number of holdings of small size under personal cultivation and the Kottayam the smallest.

The area covered by the owners' holdings under personal cultivation may be considered. The sub-joined table gives the proportionate area covered by holdings in the different grades in the State and the natural divisions.

Grade of holdings	Area of holdings (Personal Cultivation)			
	Ordinary acres			
	State	Lowland	Midland	Highland
All	1000	1000	1000	1000
Below 1 acre	229	342	160	278
Below 2.5 acres	455	547	417	445
Below 5 acres	665	693	633	721
Above 5 acres	335	307	367	279
Above 10 acres	181	184	202	114
Above 20 acres	92	97	96	75
Above 40 acres	49	55	47	46

In the State 67 per cent of the area is comprised of holdings below 5 acres in extent. Only 18 per cent of the area is accounted for by holdings over 10 acres in extent. In the highland about 72 per cent of the area under personal cultivation is covered by holdings below 5 acres in extent. The proportions in the other two natural divisions are slightly less. The district-wise position is as follows:—

Grade of holdings	Area of holdings (Personal Cultivation)			
	Ordinary acres			
	Trivandrum	Quilon	Kottayam	Trichur
All	1000	1000	1000	1000
Below 1 acre	315	315	145	138
Below 2.5 acres	569	557	362	318
Below 5 acres	735	734	645	488
Above 5 acres	265	266	355	512
Above 10 acres	133	150	156	352
Above 20 acres	58	80	71	204
Above 40 acres	24	44	34	121

74 per cent of the area under personal cultivation in the Trivandrum District is constituted of holdings of extent below 5 acres. The position is almost the same in the Quilon District. Kottayam and Trichur Districts have more of area under holdings of larger size.

9. Standard Acre:

The "Standard acre" equivalent of the ordinary acre for the State the natural regions and the districts is briefly examined below. The following table gives the ratio of the total standard acre to the total ordinary acre in the several regions in the State.

State	0·5230	Trivandrum	0·7205
Lowland	0·7027	Quilon	0·6431
Midland	0·5034	Kottayam	0·4130
Highland	0·3376	Trichur	0·3664

In the State as a whole, the total number of standard acres per 1000 ordinary acres of cultivated land is only 523. Land value is highest in lowland and least in highland. In respect of the Districts, Trivandrum ranks highest and Trichur lowest. In interpreting these figures, it will be remembered that the urban areas and plantations have been omitted.

The distribution of owners' holdings converted into standard acres in the various natural regions is as follows:—

Grade of holdings (in Standard Acres)	Number of holdings			
	State	Lowland	Midland	Highland
All	1000	1000	1000	1000
Below 1 acre	829	846	822	812
Above 1 acre	171	154	178	188
Above 2·5 acres	58	52	58	70
Above 5 acres	22	19	21	29
Above 10 acres	8	7	8	7
Above 20 acres	3	3	3	2
Above 40 acres	1	1	1	1

The Distribution in the Districts is presented below:—

Grade of holdings (in Standard Acres)	Number of holdings			
	Trivan- drum	Quilon	Kottayam	Trichur
All	1000	1000	1000	1000
Below 1 acre	846	860	785	777
Above 1 acre	154	140	215	223
Above 2·5 acres	49	39	78	94
Above 5 acres	16	12	31	43
Above 10 acres	5	3	10	18
Above 20 acres	1	1	3	8
Above 40 acres	..	..	1	4

The following table gives the proportionate area occupied by owners' holdings (converted into standard acres) in different grades in the State and the natural divisions.

Grade of holdings	Area of holdings (Standard Acres)			
	State	Lowland	Midland	Highland
All ..	1000	1000	1000	1000
Below 1 acre ..	309	331	341	101
Above 1 acre ..	691	669	659	899
Above 2.5 acres ...	500	456	487	683
Above 5 acres ..	346	303	340	494
Above 10 acres ...	224	201	225	279
Above 20 acres ..	138	125	136	182
Above 40 acres ...	81	65	80	127

The position in respect of the Districts is as follows :—

Grade of holdings	Area of holdings (Standard acres)			
	Trivan- dram	Quilon	Kottayam	Trichur
All ..	1000	1000	1000	1000
Below 1 acre ..	385	499	116	81
Above 1 acre ..	615	501	884	919
Above 2.5 acres ..	404	292	699	793
Above 5 acres ..	242	172	494	665
Above 10 acres ..	128	100	308	525
Above 20 acres ..	47	57	190	392
Above 40 acres ..	8	15	121	286

The sub-joined table gives the proportion of area leased out to total area in owners holdings (converted into standard acres) of different grades in the State and the natural regions.

Grade of holdings	Proportion of area leased out to total area (Standard acres)			
	State	Lowland	Midland	Highland
All ..	0.0983	0.1026	0.1053	0.0548
Below 1 acre ..	0.0196	0.0209	0.0195	0.0093
1 to 2.5 acres ..	0.0380	0.0426	0.0410	0.0144
2.5 to 5 acres ...	0.0524	0.0684	0.0496	0.0256
5 to 10 acres ..	0.1087	0.1365	0.1196	0.0449
Above 10 acres ..	0.2843	0.3093	0.3129	0.1298

The proportion for the Districts can be seen from the following table :

Grade of holdings	Proportion of area leased out to total area (Standard acres)			
	Trivan- drum	Quilon	Kottayam	Trichur
All ..	0·0334	0·0280	0·1183	0·3352
Below 1 acre ..	0·0257	0·0093	0·0343	0·0777
1 to 2·5 acres ..	0·0388	0·0192	0·0388	0·1049
2·5 to 5 acres ..	0·0340	0·0304	0·0508	0·1442
5 to 10 acres ..	0·0527	0·0478	0·1082	0·2597
Above 10 acres ..	0·0301	0·1228	0·2491	0·4972

An estimate of the value of cultivated land in the State may be formed from the figures of standard acres. The following table gives the ordinary acres, standard acres and value of land in the State and the natural regions :

Region	Ordinary Acres	Standard Acres	Value in lakhs of Rs.
State ..	3,322,925	1,738,164	86,908
Lowland ..	842,720	592,168	29,608
Midland ..	1,861,538	937,145	46,857
Highland ..	618,667	208,851	10,443

SECTION 7—SUMMARY

Pattadars :—The land Census in this State has been done in two stages—complete enumeration of pattadars from village records and sample census of cultivators' holdings. The village records point to the existence of subdivision of holdings to such a great extent as to make almost 75 per cent of the pattadars have holdings below one acre. Only 4 per cent of the pattadars have holdings above 5 acres. Even with such small holdings only 24 per cent of the total population own land.

Cultivators' holdings :—In regard to cultivators' holdings, two-thirds of the total number is below one acre and 5 per cent is over 5 acres. Taking the total area, it is seen that 17 per cent is covered by holdings below 1 acre and 43 per cent by holdings having areas exceeding 5 acres. The area leased out for cultivation by owners forms nearly 11 per cent of the total area. Lease in the case of small holdings is only 2 to 3 per cent. In the case of larger holdings—over 10 acres—almost 28 per cent of the area is given out on lease.

Land Value :—In terms of standard acres, the land comprising cultivators' holdings may be equated to 52 per cent of the geographical area. The value of land is of the order of 86,900 lakhs of rupees. For a population of 101·6 lakhs in the State, per Capital cultivated land can be valued at Rs. 855.

APPENDIX I

TRAVANCORE-COCHIN STATE.

Census of Land Holdings.

FORM I

District : Reg. No. of owner:.....
 Taluk : Name of owner :.....
 Village : Address :.....

Name of Kara	Survey No.	Area	Class of Land	Land Revenue		
				Rs.	As.	Ps.

INSTRUCTIONS

Form I is to be filled from entries in the following registers maintained in the Village Offices.

Travancore Area.

1. Thandaper Register
2. Kuthakapattom Register
3. Jenmikaram Register
4. Kandukrishi Register
5. Register No. 2 (in the Taluk Office)

Cochin Area.

1. Thandaper Register
2. Lease Register
3. Inam Register
4. Encroachment Register

In Travancore area, there are also three other registers :—

- (i) Idavaka Register
- (ii) Thandaper Register for Sree Pandaravaka properties kept in Melanganom or Sangetham Offices
- (iii) Sreepadom register in the Sreepadom Village Office

In each of the registers (other than register No. 2 in Travancore area and encroachment register in Cochin area) all plots of land in the name of any individual will be entered against one register number. Further, the plots of land in the various registers (excluding Jenmikaram register) are mutually exclusive.

There may however exist cases of duplication in the Thandaper register and Jenmikaram register in Travancore area. To avoid this duplication, all plots of land common to these two

registers will be excluded from Thandaper register and Form I will be filled only from Jenmikaram register.

Register No. 2 in Travancore area and Encroachment register in Cochin area, contain details of Government land under unauthorised occupation by individuals (pending enquiry).

2. One form will be used for every register number in the different registers. There may be cases when a large number of Survey numbers will be seen against a single register number. In such cases, use one sheet of Form I to start with and attach ordinary paper to complete the entries.

3. There may be cases of register numbers that stand for institutions—like temples, churches, etc. In such cases, fuller details from the office of the particular institution have to be collected. Use Form I for the entry in the village register and attach to it ordinary sheets of paper for the details in the records of the Institution.

4. After the details in the various registers have been entered in Form I, the forms for the person should be pinned or pasted together. Thus if a person has land according to two or three registers, these will be collected and pinned or pasted together.

5. The following instructions will be carefully followed in entering details in Form I.

- (i) After the name of the district, the name of the register from which the details are entered should be given in brackets :—
- (ii) Give in column 1, the name of Kara in Travancore area and 'desom' in Cochin area.
- (iii) In column 2, give details of survey numbers in the kara or desom. If there are two or more karas or desoms, in which the person has land, give details for each kara or desom in order.
- (iv) In column 3, give the area of the plot corresponding to survey number in column 2.
- (v) Against class of land, give the "tharom" number according to the settlement register and state also whether the plot is paddy field or garden land. Use F for paddy field and G for garden. The entry will be of the Form G-3 for garden land under tharom 3.
- (vi) Against land revenue give the amount entered in the village register.
- (vii) Remarks column requires no entry and is for office use only.
- (viii) If more than one sheet is used for a register number, write 'continued' at the right-hand bottom.
- (ix) At the left-hand bottom, there should be the signature of the officer who made the entries.

APPENDIX II.

Classification of Land into Zones.

The table given in this appendix shows the classification of the land area of the State into 29 Land Census Zones and also into 23 Cultivation and crop pattern Zones. The classification into Land Census Zones is subject to the condition that the areas comprising each zone should be compact and contiguous. The second classification is based only on the cultivation practices and the crop pattern. The numbers given in the body of the table indicate the serial numbers of the Zones.

Classification of Land into Zones.

Sl. No.	Taluk	Land Census Zones			Cultivation and crop pattern		
		Land.	Low-land	Mid-land	High-land	Low-land	Mid-land
1	Thovala						
	Agastheeswaram	1	2	3	1	2	3
2	Kalkulam						
	Vilavancode	4	5	6	4	5	6
3	Neyyattinkara						
	Trivandrum						
	Chirayinkil	7	8	9	7	8	9
4	Pathanapuram						
	Nedumangad						
	Shencottah	..	12	11	..	10	11
5	Kottarakara						
	Kunnathur						
	Pathanamthitta	..	17	..	..	10	..
5	Quilon						
	Karunagapally						
	Karthigapally	13	..	..	12	..	..
7	Mavelikara	..	14	..	..	13	..
8	Thiruvella						
	Changanacherry						
	Kottayam	15	16	..	14	15	..

APPENDIX II—(contd.)

Classification of land into Zones.

Sl. No.	Taluk	Land Census Zones			Cultivation and crop pattern		
		Low-land	Mid-land	High-land	Low-land	Mid-land	High-land
9	Ambalapuzha Shertallai	17	..	..	16	..	..
10	Meenachil Thodupuzha Muvattupuzha Kunnathunad	..	18	19	..	17	18
11	Vaikom Cochin-Kanayannur Parur Crangannur	20	21	..	19	17	..
12	Devicolam Peermade	..	..	22	..	..	20
13	Mukundapuram Trichur	23	24	25	19	21	..
14	Talapally	..	26	27	..	22	11
15	Chittur	..	28	29	..	23	11

APPENDIX III

Areas of Zones and Sample Villages.

This table gives the total cultivated area, the number of villages sampled, the cultivated area in the sample villages, and the multiplying factor for each zone. The multiplying factor is obtained by dividing the total cultivated area in the zone by the corresponding area in the Sample villages from that zone.

Areas of Zones and Sample Villages

<i>Zone No.</i>	<i>Total cultivated area (acres)</i>	<i>No. of villages in the sample</i>	<i>Cultivated area in sample</i>	<i>Raising factor</i>	<i>Natural Region.</i>
1	39724	1	2473.75	16.0582	L
2	31108	1	3806.80	8.1717	M
3	11333	1	3674.33	3.0844	H
4	74876	2	8135.52	9.2036	L
5	50318	1	3922.49	12.9291	M
6	32462	..			H
7	143921	4	13334.21	10.7934	L
8	93579	2	6976.76	13.4130	M
9	14750	..			H
10	177568	2	20319.35	8.7389	M
11	63607	1	8816.21	7.2148	H
12	294582	3	21549.16	13.6702	M
13	165919	4	17407.68	9.5314	L
14	68099	2	9037.66	7.5350	M
15	78551	2	10883.76	7.2173	L
16	316028	4	25808.40	12.2452	M
17	138893	3	13017.80	10.6695	L
18	468846	4	34556.63	13.5675	M
19	90249	..			H
20	169640	6	24275.33	6.9882	L
21	54224	1	1803.70	30.0626	M
22	345408	1	546.74	631.7591	H
23	31192	1	1187.06	26.2767	L
24	190469	8	14302.77	13.3169	M
25	21039	..			H
26	61458	6	10277.59	5.9798	M
27	19350	1	799.02	24.2172	H
28	55301	2	6472.09	8.5445	M
29	20472	1	7858.60	2.6050	H
Total	33,22,966	64	271243.41		

APPENDIX IV.*Classification of Land Area.*

This table gives the total surveyed area of the three natural regions (Lowland, Midland and Highland) in the different taluks and districts of the State classified into cultivable and uncultivable areas. The uncultivable area includes forests, backwaters and other barren lands. The area of the unsurveyed portion is given separately. The areas under reserve forests and backwaters falling within the surveyed areas are also given separately. The last three columns give the classification of the total surveyed area into cultivable and uncultivable. This table has been prepared after scrutinising the figures available from various sources such as the village records, and the survey office records and reconciling as far as possible the disparities found among them.

APPENDIX IV—(contd.)
Classification of Land Area.

Sl. No.	Taluk	Low land			Mid land			High land		
		Total	Cultivable	Uncultivable	Total	Cultivable	Uncultivable	Total	Cultivable	Uncultivable
1	Thovala	..	..	..	29857	16844	13013	50366	11333	39033
2	Agastheeswarani	..	46392	39724	22035	14264	7771	..	..	..
3	Kalkulam	..	43258	39123	32488	29608	2880	46208	15873	30335
4	Vilavancode	..	38019	35753	22350	20710	1640	17515	16589	926
5	Neyyattinkara	..	60501	57051	51423	49025	2408	32045	14750	17295
6	Trivandrum	..	51534	46471	..	..	..	..	..	..
7	Nedumangad	..	..	..	124625	106567	18058	15162	13131	2031
8	Chirayinkil	..	45017	40399	49052	44554	4498	..	..	..
	Trivandrum District	..	284721	258521	331840	281572	50268	161296	71676	89620
9	Quilon District	..	94445	78524	15921	..	..	..	..	..
10	Kottarakara	..	..	..	136152	123804	12348	..	..	..
11	Kunnathur	..	..	..	96292	76438	19854	..	..	..
12	Pathanapuram	..	..	..	55156	53307	1849	69200	33295	35905
13	Shencottah	..	..	..	21841	17694	4147	61924	17181	44743
14	Pathanamthitta	..	..	..	120683	94340	26343	..	..	..
15	Karunagapally	..	56956	48405	8551	..	..	..	..	..
16	Karthigapally	..	47635	38990	8645	..	..	..	..	..
17	Mavelikara	..	..	..	71651	68099	3552	..	..	..
18	Thiruvellah	..	..	..	135801	125547	10254	..	..	..
19	Ambalapuzha	..	94307	79241	15066	..	..	..	..	..
20	Sherthala	..	79388	59652	19736	..	..	..	..	..
	Quilon District	..	372731	304812	67919	559229	78347	131124	50476	80648

(The figures are in acres)

APPENDIX IV—(contd.)
Classification of Land Area—(contd.)

Sl. No.	Taluk	Low land			Mid land			High land		
		Total	Cultivable	Unculti- vable	Total	Cultivable	Unculti- vable	Total	Cultivable	Unculti- vable
21	Changanacherry	..	27820	26342	1478	144153	118233	..	..	..
22	Kottayam	..	62810	52209	10601	74176	72248	..	..	..
23	Vaickom	..	56205	44022	12183	31578	30841	..	..	..
24	Meenachil	..	..	..	..	142752	138170	..	..	..
25	Thodupuzha	..	..	..	..	40686	37790	..	..	1747
26	Muvattupuzha	..	..	..	..	156946	139321	..	..	17922
27	Devikolam	..	..	..	..	..	..	..	..	..
28	Peermade	..	..	..	..	..	..	..	..	..
	Kottayam District	..	146835	122573	24262	599291	536603	..	..	..
		..	..	..	..	180888	153565	..	..	..
29	Kunnathunad	..	..	..	..	..	..	..	..	..
30	Parur	..	72615	65276	7339	..	..	..	..	..
31	Cochin-Kanayannur	..	76112	59947	25165	25785	23383	..	..	..
32	Crangannor	..	11209	9395	1814	..	..	..	..	..
33	Mukundapuram	..	9142	8477	665	133884	120510	..	..	..
34	Trichur	..	24003	22715	1288	79111	69959	..	..	..
35	Thalapilly	..	..	..	..	120231	61458	..	..	..
36	Chittur	..	193081	156810	..	59526	55301	..	..	..
	Trichur District	..	..	..	..	599425	484176	..	..	..
	TOTAL	..	997368	842716	154652	2168132	1861580	..	..	..
		..	..	..	..	306552	1222535	..	..	..
		..	..	..	..	618670	603865	..	..	..

APPENDIX IV—(contd.)
Classification of Land Area—(contd.)

Sl. No.	Taluk	Hills and Unsurveyed	Total	Area within Villages			Total	Cultivable	Uncultivable
				Reserve Forests	Backwaters	Total			
1	Thovala	..	95794	44131	..	80223	28177	52046	
2	Agastheeswaram	..	68427	1940	1069	68427	53998	14439	
3	Kalkulam	..	146812	28297	..	121954	84604	37350	
4	Vilavancode	..	106207	377	..	77884	73052	4832	
5	Neyyattinkara	..	149099	17726	457	143970	120826	23153	
6	Trivandrum	..	62416	723	1190	51534	46471	5063	
7	Nedumangad	..	234571	13254	..	139787	119698	20089	
8	Chirayinkil	..	94069	1656	1622	94069	84953	9116	
	Trivandrum District	..	952395	108104	4338	777857	611769	166088	
9	Quilon	..	94445	..	16937	94445	78524	15921	
10	Kottarakara	..	136152	7870	..	136152	123804	12348	
11	Kunnathur	..	96292	13656	1022	96292	76438	19854	
12	Pathanapuram	..	265576	34744	..	124356	86602	37754	
13	Shencottah	..	83765	43937	..	83765	34875	48890	
14	Pathanamthitta	..	591153	22415	..	120683	94340	26343	
15	Karunagapally	..	56956	..	7881	56956	48405	8551	
16	Karthigapally	..	47635	..	3601	47635	38990	8645	
17	Mavelikara	..	71651	..	..	71651	68099	3552
18	Thiruvella	..	135801	2940	..	135801	125547	10254	
19	Ambalapuzha	..	94307	..	9921	94307	79241	15066	
20	Sherthalai	..	79388	..	17700	79388	59652	19736	
	Quilon District	..	1752121	125562	52052	1141431	911517	226914	

APPENDIX IV—(contd.)
Classification of Land Area—(contd.)

Sl. No.	Taluk	Hills and Unsurveyed	Total	Area within Villages			Total	
				Reserve Forests	Back-waters	Total	Cultivable	Uncultivable
21	Changanacherry	..	171973	23111	..	171973	144575	27398
22	Kottayam	..	136986	56	7993	136986	124457	12529
23	Vaickom	..	87783	..	10133	87783	74863	12920
24	Mecnachil	..	178228	205	..	178228	171889	6329
25	Thodupuzha	..	231420	15375	..	115128	94310	20818
26	Muvattupuzha	..	367238	14975	..	165946	139321	26625
27	Devicolum	..	427206	16294	..	427206	262912	164294
28	Peermade	..	288832	206336	..	288832	82496	206336
	Kottayam District	..	317584	424352	18126	1572082	1094833	477249
29	Kunnathunad	..	233368	10726	..	180888	153565	27323
30	Parur	..	72615	..	1322	72615	65276	7339
31	Cochin-Kanayannur	..	101897	1321	13645	101897	64330	27567
32	Crangannoor	..	11209	..	..	11209	9395	1814
33	Mukundapuram	..	329908	7968	..	159307	139083	20224
34	Trichur	..	157571	12726	..	123873	103617	20256
35	Thalappilly	..	4350	35877	..	159451	80808	78643
36	Chittur	..	99935	3044	..	87425	75773	11652
	Trichur District	..	361064	71662	14967	896665	701847	194818
	TOTAL	..	1464876	729680	89483	4388035	3322966	1065069

APPENDIX Nos. II, III, IV
TRAVANCORE-COCHIN STATE

Census of Land Holdings

FORM II.

District.....Taluk.....Village.....

Reg. No. of owner....Name.....Address.....

Details as per (1) land register:

(2) spot check :

<i>Survey No. and Land Type</i>	<i>Extent of land under personal cultivation</i>	<i>Extent of land culti- vated as crop-sharer</i>	<i>Extent of land given on lease in cash</i>	<i>Extent of land given on lease in kind</i>
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A. Owned Land

B. Land given on mortgage

C. Land taken on mortgage

D. Land taken on Kuthagapattom

INSTRUCTIONS

1. *Tenure of cultivation.*—The object of the census of land-holdings is to find the pattern in which land-holdings are enjoyed by individuals. A piece of land may be with a person X in the following ways :—

- (i) X may be the tax-payer and cultivator.
- (ii) X may be the tax-payer and may give it on lease in cash.
- (iii) X may be the tax-payer and may give it on lease in kind.
- (iv) X may be the tax-payer and may be a cropsharer.

It may also happen that X may give the land to Y on mortgage. X may take on mortgage and he may (i) cultivate it or (ii) give it on lease in kind or (iii) may give it on lease in cash or (iv) be a crop-sharer. There are also cases when the land may belong to Government and X may cultivate it without registering the land in his name.

The distribution of land-holdings in each of the above tenures has to be determined.

2. *The standard acre.*—Besides the tenures under which land is cultivated, it is also necessary to find the value of land approximately at least so that the total extent of holdings could be expressed under a common denomination—the standard acre. Even though the value of land depends upon yield, communication facilities, availability of markets and other amenities, classification of land under broad homogeneous groups will help the relative evaluation of land in different parts of the State. The paddy fields in Nanjanad, Kuttanad and other punja lands in Trichur form 3 separate categories. In terms of irrigation (I) and no irrigation (U) and single crop (S) and double crop (D), the land type will be denoted by (IS), (ID) (US) and (UD). Further the value of those land-types will differ with natural regions. Taking lowland (L) and midland (M), the various land types are (LIS), (LID) etc.

In respect of garden land, seven major classifications are given :

- (i) Coconut plantations (Co)
- (ii) Tapioca plantations (Tap)
- (iii) Pepper plantations (P)
- (iv) Rubber plantations (R)
- (v) Tea plantations (Tea)
- (vi) Cardamom plantations (Car)
- (vii) Others (O)

Any plot of land can be labelled with the letters indicated in brackets to describe the kind of cultivation. Thus (L Tap) would denote a plot in lowland under tapioca. This description facilitates the determination of yield and price of land.

3. *Specific details in Form II.*—Form II has to give the following information in respect of every landowner.

- (A) Land for which a person pays tax and cultivates under classes (i) to (iv) of para 1. The land may belong to the particular village in which the investigation may be conducted or in other villages. These will be classified as (a) within the village and (b) in other villages.
- (B) Land taken on mortgage and cultivated under classes (i) to (iv) of para 1. Here again the land may be within the village or outside the village.
- (C) Land given out on mortgage and cultivated under classes (i) to (iv) of para 1. As in A and B the land may be within the village or outside.

The details on the above categories should be entered in serial order in Form II. Against each plot of land, the land type as explained in para 2 should also be shown.

4. *Detailed instructions.*—(1) All details in respect of every landowner should be shown in one form. If more space is required additional forms may be used; but all such forms should be tied together to form one lot.

(2) The 'Thandaper register' gives a list of tax-payers and the survey numbers of all plots in the village for which the person pays tax. This register is summarised in Form I. Note that one form is devoted to each tax-payer. There may be inaccuracies in the Thandaper register as changes due to transfer of land from one owner to another by partition, sale etc., might not have been made up-to-date. Thus ownership of land shown against X in Form I might actually result in ownership going to persons X, Y and Z. *In this case, in place of one Form I, there will be three Forms II, for the three persons X, Y and Z.* Note that while filling Form II, all plots of land owned by each of the persons should be listed. In these forms there may be plots other than those in the Form I for X.

(3) The details of the new owners X, Y and Z as against X in Form I will be shown against the entries at the top of Form II.

(i) The first column is to enter the survey number, and land type detailed in para 2.

(ii) The second column is for the area of the plot in column 1 if the tenure of cultivation is i—owner cultivation.

(iii) The third column is to indicate the area of the plot in column 1 if the tenure of cultivation is iv—share cropper of para 1.

(iv) The fourth column is to show the area of the plot in column 1 if the tenure of cultivation is ii—leased on cash rent.

(v) The fifth column is to show the area of the plot in column 1 if the tenure is iii—leased on kind rent.

(4) Make the detailed entries given in sub-para 3 first for land in the village, then for land in other villages.

(5) After entries for land owned by the person have been made, enter details of land given on mortgage. Here all that you have to mark is survey number, land type and area. All these should be made in column 1. *Note that for land given on mortgage no entries are required in columns 2, 3, 4 and 5.*

(6) The next entry is in respect of land taken on mortgage. Here all entries regarding tenure of cultivation as detailed in sub-para 3 will be made. *Note that the survey number and land type are given in column 1 and the area against the appropriate column for cultivation tenure.*

APPENDIX VI

Conversion to Standard Acre

The table in this appendix relates to conversion of ordinary acres to standard acres with the help of conversion factors. These factors have been arrived at as follows:—

The proportionate areas in each village under the five heads (i) irrigated double crop; (ii) unirrigated double crop; (iii) irrigated single crop; (iv) unirrigated single crop and (v) garden land, have been determined from the data collected for each village and these form the weights in the table. The average market value for each type of land in these villages has been compiled from the records furnished by the Registration Department. A weighted average of these prices using the weights mentioned above is taken as the average value per acre of land in each village. For purposes of this Survey a standard acre is defined as the area of land available for Rs. 5,000 at the prevailing average market value. The average value per acre of land in a village divided by 5000 will thus give the equivalent of one ordinary acre of land in that village in terms of the standard acre. This is given under the column headed 'Conversion Factor'.

APPENDIX VI—(contd.)

Conversion to standard acre
(Weights and prices in Rupees)

Sl. No.	Name of Village	Irrigated double Crop		Unirrigated double crop		Irrigated single crop		Unirrigated single crop		Garden land		Average price	Conversion factor
		Weight	Price	Weight	Price	Weight	Price	Weight	Price	Weight	Price		
1	Darsanamcope	0.7623	3000	..	..	..	..	..	..	0.2377	1400	2620	0.524
2	Thamarakulam	0.4531	5000	0.0103	3500	..	..	..	..	0.5366	3500	4,4144	0.836
3	Theroor	0.8260	5000	0.0186	3500	..	..	..	..	0.1554	3500	4740	0.948
4	Thalakkulam	0.3767	6500	0.1885	4000	..	..	..	..	0.4348	4800	5290	1.058
5	Mekkode	..	..	0.0814	4000	..	..	..	..	0.9186	4800	4740	0.948
6	Kollamcode	0.0021	3500	0.0691	2000	..	..	..	..	0.9288	3500	3400	0.680
7	Kottukal	..	..	0.0863	2000	..	..	..	..	0.9137	2500	2460	0.492
8	Marukil	..	..	0.1501	2000	..	..	..	..	0.8499	2500	2430	0.486
9	Ulloor	0.1425	3000	0.0191	2400	..	..	..	..	0.8384	7000	6340	1.268
10	Pallipuram	0.1102	3000	0.1323	2400	..	..	0.2520	2000	0.5055	4000	3170	0.634
11	Keezhvallam	..	..	0.2234	2800	..	..	0.0108	2300	0.7658	4000	3710	0.742
12	Pulimath	..	..	0.0976	2800	..	..	..	..	0.9024	4000	3880	0.776
13	Palode	..	..	0.2241	2300	..	..	..	..	0.7759	5000	4170	0.834
14	Aryanad	..	..	0.4806	2500	..	..	..	..	0.5194	5000	3800	0.760
15	Pattazhi	..	..	0.1887	1700	..	..	0.0037	900	0.8076	900	1050	0.210
16	Ummannoor	..	..	0.1299	1900	..	..	..	..	0.8701	1300	1380	0.276
17	Kunnathur	..	..	0.1029	2400	..	..	0.0615	1000	0.8356	3000	2820	0.564

APPENDIX VI—(concl'd.)
Conversion to standard acre
(Weights and prices in Rupees)

Sl. No.	Name of Village	Irrigated double Crop		Unirrigated double crop		Irrigated single crop		Unirrigated single crop		Garden land	Average price	Conversion factor	
		Weight	Price	Weight	Price	Weight	Price	Weight	Price				
18	Elanthoor	..	..	0.2474	2000	..	..	..	..	0.7526	1500	1620	0.324
19	Thrikkadavoor	0.0731	4000	0.0338	3300	..	..	0.0115	2800	0.8816	5000	4840	0.968
20	Krishnapuram	..	..	0.4169	4500	..	..	0.0219	1500	0.5612	6500	5560	1.112
21	Karuvatta	..	..	0.2134	1200	..	..	0.5621	900	0.2245	8000	2560	0.512
22	Arattupuzha	..	..	..	..	..	..	0.3791	800	0.6209	9000	5930	1.186
23	Thrippermuthura	0.1676	4500	..	..	0.4523	2200	0.0092	2000	0.3709	4000	3250	0.650
24	Bharanikavu	0.3279	3500	0.0032	3000	0.0100	2200	..	..	0.6589	4000	3820	0.764
25	Aranmula	..	..	..	..	..	..	0.3746	2300	0.6254	2800	2610	0.524
26	Kaviyoor	..	..	0.0248	3800	..	..	0.0679	2300	0.9073	2800	2790	0.558
27	Nedumudi	..	..	..	..	..	..	0.7453	3000	0.2547	6000	3760	0.752
28	Pallipram	..	..	0.0498	1360	..	..	0.1977	1100	0.7525	2000	1790	0.358
29	Thuravoor North	..	..	..	..	..	..	0.3343	1100	0.6757	2000	1710	0.342
30	Puthupally	..	..	0.0734	2600	..	..	0.0916	1600	0.8350	5500	4930	0.986
31	Neelampetoor	..	..	..	..	..	..	0.9171	1500	0.0821	2000	1540	0.308
32	Perumpaikkad	..	..	0.0448	1800	..	..	0.2902	1200	0.6650	2400	1940	0.384
33	Kaipuzha	..	..	0.0140	3000	..	..	0.7716	3000	0.2644	7000	4060	0.812
34	Thalayazham	..	..	0.9429	1800	..	..	0.4473	900	0.5098	3000	2010	0.402
35	Kidangoor	..	..	0.0774	3000	..	..	0.1228	1800	0.7998	1000	1250	0.250
36	Manakkad	..	..	0.0642	3000	..	..	0.0153	1500	0.9205	1900	1960	0.392

37	Piravom	..	..	0.0788	1400	..	..	0.1820	1500	0.7402	1200	1270	0.254
38	Vattavada	..	..	..	..	..	..	0.4635	..	0.5365	1800	1800	0.360
39	Asamanoor	..	..	0.1443	1600	..	..	0.2964	900	0.5593	1800	1500	0.300
40	Parakkadavu	0.3170	2000	0.0235	1800	..	..	0.1834	1500	0.4761	3000	2380	0.476
41	Methala	..	..	0.0084	1800	..	..	0.1455	1000	0.8461	3500	3120	0.624
42	Nayarambalam	..	..	..	..	..	..	0.4365	1000	0.5635	5000	3250	0.650
43	Rameswaram	..	..	0.0100	1700	..	..	0.2159	1000	0.7741	9000	7200	1.440
44	Kanayanoor	..	..	0.1726	1700	0.0242	1300	0.0506	1000	0.7526	9000	7150	1.430
45	Kumbalam	..	..	..	..	..	..	0.4798	1000	0.5202	8000	4640	0.928
46	Pirakkad	..	..	..	..	0.0186	1500	0.7640	1000	0.2174	3600	1570	0.314
47	Peringavu	..	..	0.4389	600	..	..	0.2458	1000	0.3153	3000	1460	0.292
48	Peramanagalam	..	..	0.2050	600	..	..	0.1408	1000	0.6542	3000	2230	0.446
49	Chittilappally	..	..	0.1907	600	..	..	0.3930	1000	0.4163	3000	1760	0.332
50	Kakkulisseri	..	..	0.1012	430	0.1883	1000	0.2031	400	0.5074	1100	870	0.174
51	Alur	0.0370	500	0.1845	430	..	..	0.1391	400	0.6394	1100	840	0.168
52	Kallur	..	..	0.2599	430	..	..	0.0303	400	0.7080	1200	980	0.196
53	Nandipulan	..	..	0.0302	430	..	..	0.2844	400	0.6854	1200	950	0.190
54	Annallur	..	..	0.1267	400	..	..	0.2157	360	0.6576	1200	920	0.184
55	Kozhinjampara	0.0998	1800	0.0183	1500	0.1335	1000	0.0961	500	0.6523	2000	1690	0.338
56	Kozhipathi	..	..	0.1089	1500	0.0036	1000	0.0355	500	0.8520	2000	1890	0.378
57	Perumatti	0.3939	1800	..	..	0.1869	1000	..	..	0.4192	800	1130	0.226
58	Karikkad	..	..	0.2229	1500	..	..	0.0319	1100	0.7452	2000	1860	0.372
59	Kattakampal	..	..	0.0056	1500	..	..	0.5129	1100	0.4815	2000	1540	0.308
60	Karumathara	..	..	0.5441	1500	..	..	0.2140	1100	0.7419	2000	1540	0.308
61	Nedumpura	..	..	0.3038	1500	..	..	0.0058	1100	0.6904	2000	1840	0.368
62	Venganalloor	..	..	0.3090	1500	..	..	0.0238	1100	0.6672	2000	1820	0.364
63	Peringandur	0.1047	1800	0.2995	1500	..	..	0.0401	1100	0.5557	2000	1790	0.358
64	Chelakara	..	..	0.3598	1200	..	..	0.0745	900	0.5657	1000	1060	0.212

APPENDIX VII

Distribution of Holdings from Land Records.

These tables have been prepared from the land records. They give the distribution of holdings according to size—wet land (paddy field), dry land (gardens) and the total of both wet land and dry land.

Table I—gives the figures for the whole State and Tables I. A., I. B., I. C., and I. D. give the figures for Trivandrum, Quilon, Kottayam and Trichur Districts.

TABLE I
Distribution of Holdings—State.

Sl. No.	Size of holding	Wet Land	Dry Land	Total
1	Below 5 Cents	41985	127536	138566
2	5—10	78422	145692	179684
3	10—25	199478	362385	459342
4	25—50	161534	349102	424434
5	50—75	80092	214082	255355
6	75—100	46611	125648	149670
7	100—150	52203	162902	192715
8	150—250	42013	133115	164124
9	250—500	29691	94043	124622
10	500—750	9353	28636	39768
11	750—1000	4263	11886	16839
	Acres			
12	10.00—12.49	2170	6416	9237
13	12.50—14.99	1423	3695	5584
14	15.00—17.49	970	2522	3800
15	17.50—19.99	706	1726	2625
16	20—25	902	2231	3436
17	25—30	527	1321	2091
18	30—35	356	849	1322
19	35—40	296	602	955
20	40—45	214	536	758
21	45—50	159	378	521
22	50—60	239	437	725
23	60—75	223	464	695
24	75—100	206	410	661
25	100—150	181	345	552
26	150—200	84	164	282
27	200—300	60	170	266
28	300—500	42	109	162
29	500—1000	15	86	141
30	Over 1000	6	50	68
	TOTAL	754424	1777538	2179000

TABLE I. A
Distribution of Holdings
DISTRICT—TRIVANDRUM

Sl. No.	Size of holding	Wet Land	Dry Land	Total
1	Below 5 Cents	13123	56549	58615
2	5—10	21957	51099	60489
3	10—25	60926	110117	142038
4	25—50	48009	100809	125382
5	50—75	21032	60340	74007
6	75—100	10814	34516	40407
7	100—150	9612	44272	50297
8	150—250	6899	33868	39800
9	250—500	4000	22728	28155
10	500—750	1125	6370	7962
11	750—1000	362	2673	3342
	Acres			
12	10.00—12.49	172	1514	1781
13	12.50—14.99	84	789	1024
14	15.00—17.49	57	511	666
15	17.50—19.99	35	351	464
16	20—25	46	408	492
17	25—30	18	233	324
18	30—35	12	154	193
19	35—40	16	82	120
20	40—45	9	88	112
21	45—50	5	46	53
22	50—60	6	49	70
23	60—75	5	57	67
24	75—100	4	46	66
25	100—150	2	23	28
26	150—200		8	7
27	200—300		7	8
28	300—500		8	7
29	500—1000		8	9
30	Over 1000		3	3
	TOTAL	198330	527726	635988

TABLE I. B
Distribution of Holdings
DISTRICT—QUILON

Sl. No.	Size of holding	Wet Land	Dry Land	Total
1	Below 5 Cents	23697	48995	57317
2	5—10	47682	69367	92309
3	10—25	107101	181616	235372
4	25—50	72045	165418	200284
5	50—75	32231	95074	111504
6	75—100	18027	51749	62472
7	100—150	18909	61818	75116
8	150—250	14243	44785	57900
9	250—500	9411	26359	38015
10	500—750	2491	6457	10180
11	750—1000	1119	2365	4028
	Acres			
12	10.00—12.49	568	1145	2035
13	12.50—14.99	369	695	1258
14	15.00—14.49	202	445	788
15	17.50—19.99	163	252	513
16	20—25	201	389	724
17	25—30	88	231	366
18	30—35	53	135	230
19	35—40	63	99	172
20	40—45	41	76	140
21	45—50	31	39	88
22	50—60	48	61	121
23	60—75	32	65	111
24	75—100	35	48	92
25	100—150	28	39	74
26	150—200	10	18	39
27	200—300	6	32	39
28	300—500	4	11	16
29	500—1000	4	10	14
30	Over 1000	2	7	10
	TOTAL	348904	757800	951327

TABLE I. C
 Distribution of Holdings
 DISTRICT—KOTTAYAM

Sl. No.	Size of holding	Wet Land	Dry Land	Total
1	Below 5 Cents	3130	12400	13225
2	5—10	5149	15694	16978
3	10—25	17483	43589	49534
4	25—50	21667	50551	58345
5	50—75	13132	35923	41003
6	75—100	8316	23569	26908
7	100—150	10848	36641	40665
8	150—250	8847	35911	40939
9	250—500	6803	31374	37454
10	500—750	2260	11238	13993
11	750—1000	1065	4742	5951
	Acres			
12	10.00—12.49	519	2601	3406
13	12.50—14.99	345	1435	1981
14	15.00—17.49	231	969	1316
15	17.50—19.99	168	678	903
16	20—25	211	835	1200
17	25—30	137	457	685
18	30—35	72	307	428
19	35—40	67	231	302
20	40—45	47	187	238
21	45—50	30	129	159
22	50—60	55	164	238
23	60—75	37	156	196
24	75—100	37	137	193
25	100—150	32	131	156
26	150—200	10	68	83
27	200—300	5	58	71
28	300—500	3	49	58
29	500—1000	2	51	57
30	Over 1000	1	37	38
	TOTAL	100709	310312	356703

TABLE I. D
Distribution of Holdings
DISTRICT—TRICHUR

Sl. No.	Size of holding	Wet Land	Dry Land	Total
1	Below 5 Cents	2035	9592	9409
2	5—10	3634	9532	9908
3	10—25	13968	27063	32398
4	25—50	19813	32324	40423
5	50—75	13697	22745	28841
6	75—100	9454	15814	19883
7	100—150	12834	20171	26637
8	150—250	12024	18551	25485
9	250—500	8477	13582	20998
10	500—750	3477	4571	7633
11	750—1000	1717	2106	3518
	Acres			
12	10.00—12.49	911	1156	2015
13	12.0—14.990	625	776	1321
14	15.00—17.49	480	597	1030
15	17.50—19.99	340	445	745
16	20—25	444	599	1020
17	25—30	284	400	716
18	30—36	219	253	471
19	35—40	150	190	361
20	40—45	117	185	268
21	45—50	93	164	221
22	50—60	130	163	296
23	60—75	149	186	321
24	75—100	130	179	310
25	100—150	119	152	294
26	150—200	64	70	153
27	200—300	49	73	148
28	300—500	35	41	81
29	500—1000	9	17	61
30	Over 1000	3	3	17
	TOTAL	106481	181700	234982

APPENDIX VIII.

*Distribution of Cultivators' Holdings from
Sample Census.*

These tables relate to the Sample Census. The tables I, I-A and I-B contain estimates for the State, the natural divisions and the Districts. They give the numbers of holdings of different sizes, the total areas of these holdings the areas given on lease from these holdings and the areas under personal cultivation both in terms of ordinary acres and standard acres.

Table I
Table I-A
Table I-B

State.
The natural regions.
The Districts.

TABLE I

HOLDINGS CLASSIFIED ACCORDING TO AREA OWNED
AND GIVEN ON LEASE (IN ORDINARY ACRES)

TRAVANCORE-COCHIN STATE (former)

Grade of Holdings.	Area Owned.		Area given on lease.
	No. of holdings.	Area.	
1. Up to 1 acre	1523332	548445	15381
2. Over 1 & upto 2'50 acres	450483	680449	23035
3. Over 2'50 acres & upto 5'00 acres	191281	667566	31242
4. Over 5'00 acres & upto 7'50 acres	57099	337822	25886
5. Over 7'50 acres & upto 10'00 acres	23178	203298	25668
6. Over 10'00 acres & upto 12'50 acres	12012	133783	14831
7. Over 12'50 acres & upto 15'00 acres	6646	87540	9653
8. Over 15'00 acres & upto 17'50 acres	3916	62412	6949
9. Over 17'50 acres & upto 20'00 acres	2993	56672	8361
10. Over 20'00 acres & upto 25'00 acres	4180	91807	14145
11. Over 25'00 acres & upto 30'00 acres	2031	54441	15016
12. Over 30'00 acres & upto 35'00 acres	1219	39913	11571
13. Over 35'00 acres & upto 40'00 acres	861	32018	7010
Over 40'00 acres	3361	326759	157594
Total	2282592	3322925	366342

(IN STANDARD ACRES)

1. Up to 1 acre	1892408	536613	10508
2. Over 1 acre & upto 2'50 acres	259476	332198	12626
3. Over 2'50 acres & upto 5'00 acres	82549	267522	14023
4. Over 5'00 acres & upto 7'50 acres	22164	132439	13094
5. Over 7'50 acres & upto 10'00 acres	9948	80243	10018
6. Over 10'00 acres & upto 12'50 acres	4634	52360	7070
7. Over 12'50 acres & upto 15'00 acres	2836	37958	4508
8. Over 15'00 acres & upto 17'50 acres	1771	28614	3511
9. Over 17'50 acres & upto 20'00 acres	1659	30133	5016
10. Over 20'00 acres & upto 25'00 acres	1539	33448	6498
11. Over 25'00 acres & upto 30'00 acres	886	23368	5087
12. Over 30'00 acres & upto 35'00 acres	720	22792	4451
13. Over 35'00 acres & upto 40'00 acres	553	20356	3314
14. Over 40'00 acres	1449	140120	71184
Total	2282592	1738164	170908

TABLE I—(contd.)
HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN ORDINARY ACRES.)

TRAVANCORE-COCHIN STATE (former.)

Grade of Holdings.	Owned area under personal cultivation.	
	No. of holdings.	Area.
1. Up to 1 acre	1544613	676951
2. Over 1 acre & upto 2·50 acres	413296	668927
3. Over 2·50 acres & upto 5·00 acres	176191	621081
4. Over 5·00 acres & upto 7·50 acres	47306	291702
5. Over 7·50 acres & upto 10·00 acres	19429	164675
6. Over 10·00 acres & upto 12·50 acres	9210	100855
7. Over 12·50 acres & upto 15·00 acres	4708	62785
8. Over 15·00 acres & upto 17·50 acres	3466	54889
9. Over 17·50 acres upto 20·00 acres	2353	42899
10. Over 20·00 acres & upto 25·00 acres	2603	57253
11. Over 25·00 acres & upto 30·00 acres	1075	28942
12. Over 30·00 acres & upto upto 35·00	704	22015
13. Over 35·00 acres & upto 40·00 acres	546	20124
14. Over 40·00 acres	2075	143485
Total	2227575	2956583

(IN STANDARD ACRES).

1. Up to 1 acre	1862288	639785
2. Over 1 acre & upto 2·50 acres	258281	364757
3. Over 2·50 acres & upto 5·00 acres	74596	228509
4. Over 5·00 acres & upto 7·50 acres	15678	94588
5. Over 7·50 acres & upto 10·00 acres	6439	54112
6. Over 10·00 acres & upto 12·50 acres	3425	37324
7. Over 12·50 acres & upto 15·00 acres	2134	28589
8. Over 15·00 acres & upto 17·50 acres	1208	19830
9. Over 17·50 acres & upto 20·00 acres	915	17102
10. Over 20·00 acres & upto 25·00 acres	857	18459
11. Over 25·00 acres & upto 30·00 acres	532	14095
12. Over 30·00 acres & upto 35·00 acres	403	12685
13. Over 35·00 acres & upto 40·00 acres	324	11816
14. Over 40·00 acres	495	25605
Total	2227575	1567256

TABLE I-A

HOLDINGS CLASSIFIED ACCORDING TO AREA
OWNED AND GIVEN ON LEASE
(IN ORDINARY ACRES)

Grade of Holdings	Area owned		Area given on lease
	No. of holdings	Area	
STATE—LOWLAND			
1. Up to 1 acre	611164	194070	5685
2. Over 1 acre & up to 2.50 acres	108434	164093	7747
3. Over 2.50 acres & up to 5.00 acres	37139	146175	9470
4. Over 5.00 acres & up to 7.50 acres	10710	58574	6433
5. Over 7.50 acres & up to 10.00 acres	4512	38079	10170
6. Over 10.00 acres & up to 12.50 acres	3185	35382	4667
7. Over 12.50 acres & up to 15.00 acres	1650	22065	3385
8. Over 15.00 acres & up to 17.50 acres	990	16316	2503
9. Over 17.50 acres & up to 20.00 acres	819	15882	2897
10. Over 20.00 acres & up to 25.00 acres	923	20285	3701
11. Over 25.00 acres & up to 30.00 acres	508	14816	2036
12. Over 30.00 acres & up to 35.00 acres	320	11042	2221
13. Over 35.00 acres & up to 40.00 acres	301	11739	2387
14. Over 40.00 acres	964	94202	33672
Total	781619	842720	96974
STATE—MIDLAND			
1. Up to 1 acre	746171	298067	8472
2. Over 1 acre & up to 2.50 acres	267027	396371	12794
3. Over 2.50 acres & up to 5.00 acres	103953	344755	15822
4. Over 5.00 acres & up to 7.50 acres	31214	187700	15138
5. Over 7.50 acres & up to 10.00 acres	12944	116763	12731
6. Over 10.00 acres & up to 12.50 acres	6973	77963	7846
7. Over 12.50 acres & up to 15.00 acres	4126	53984	3914
8. Over 15.00 acres & up to 17.50 acres	2636	41468	3006
9. Over 17.50 acres & up to 20.00 acres	1907	35817	4494
10. Over 20.00 acres & up to 25.00 acres	2287	50620	6351
11. Over 25.00 acres & up to 30.00 acres	1238	31690	9214
12. Over 30.00 acres & up to 35.00 acres	774	24541	7072
13. Over 35.00 acres & up to 40.00 acres	492	17830	3562
14. Over 40.00 acres	1886	183969	108849
Total	1183628	1861538	219265

TABLE I-A—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO AREA
OWNED AND GIVEN ON LEASE
(IN ORDINARY ACRES)

Grade of Holdings	Area owned		Area given on lease
	No. of holdings	Area	
STATE—HIGHLAND			
1. Up to 1 acre	165997	56308	1224
2. Over 1 acre & up to 2.50 acres	75022	119985	2494
3. Over 2.50 acres & up to 5.00 acres	50189	176636	5950
4. Over 5.00 acres & up to 7.50 acres	15175	91548	4315
5. Over 7.50 acres & up to 10.00 acres	5722	48456	2767
6. Over 10.00 acres & up to 12.50 acres	1854	20438	2318
7. Over 12.50 acres & up to 15.00 acres	870	11491	2354
8. Over 15.00 acres & up to 17.50 acres	290	4628	1440
9. Over 17.50 acres & up to 20.00 acres	267	4973	970
10. Over 20.00 acres & up to 25.00 acres	970	20902	4093
11. Over 25.00 acres & up to 30.00 acres	285	7935	3766
12. Over 30.00 acres & up to 35.00 acres	125	4330	2278
13. Over 35.00 acres & up to 40.00 acres	68	2449	1061
14. Over 40.00 acres	511	48588	15073
Total	317345	618667	50103

TABLE I-A—(contd.)
HOLDINGS CLASSIFIED ACCORDING TO AREA
OWNED AND GIVEN ON LEASE
(IN STANDARD ACRES)

<i>Grade of Holdings.</i>	<i>Area owned</i>		<i>Area given on lease.</i>
	<i>No. of holdings.</i>	<i>Area.</i>	
STATE—LOWLAND			
1. Up to 1 acre	661381	195896	4087
2. Over 1 acre & upto 2·50 acres	80131	126273	5378
3. Over 2·50 acres & upto 5·00 acres	25655	90479	6186
4. Over 5·00 acres & upto 7·50 acres	6937	39653	4139
5. Over 7·50 acres & upto 10·00 acres	2524	20542	4077
6. Over 10·00 acres & upto 12·50 acres	1427	16604	2664
7. Over 12·50 acres & upto 15·00 acres	905	12173	1979
8. Over 15·00 acres & upto 17·50 acres	519	8406	1398
9. Over 17·50 acres & upto 20·00 acres	442	8065	1245
10. Over 20·00 acres & upto 25·00 acres	504	10942	1983
11. Over 25·00 acres & upto 30·00 acres	342	9082	1865
12. Over 30·00 acres & upto 35·00 acres	260	8336	1516
13. Over 35·00 acres & upto 40·00 acres	199	7353	1095
14. Over 40·00 acres	393	38364	23158
Total	781619	592168	60770
STATE—MIDLAND			
1. Up to 1 acre	973273	319607	6224
2. Over 1 acre & upto 2·50 acres	141965	160814	6598
3. Over 2·50 acres & upto 5·00 acres	43735	137523	6826
4. Over 5·00 acres & upto 7·50 acres	11104	69924	7957
5. Over 7·50 acres & up to 10·00 acres	4705	37800	4929
6. Over 10·00 acres & upto 12·50 acres	2597	29034	3907
7. Over 12·50 acres & upto 15·00 acres	1718	22971	2225
8. Over 15·00 acres & upto 17·50 acres	1017	16357	1678
9. Over 17·50 acres & upto 20·00 acres	842	15180	2862
10. Over 20·00 acres & upto 25·00 acres	820	17938	3827
11. Over 25·00 acres & upto 30·00 acres	451	11846	2560
12. Over 30·00 acres & upto 35·00 acres	378	11871	2307
13. Over 35·00 acres & upto 40·00 acres	301	11094	1830
14. Over 40·00 acres	722	75186	44969
Total	1183628	937145	98699

TABLE I-A--(contd.)

HOLDINGS CLASSIFIED ACCORDING TO AREA
OWNED AND GIVEN ON LEASE
(IN STANDARD ACRES)

<i>Grade of Holdings.</i>	<i>Area owned</i>		<i>Area given on lease.</i>
	<i>No. of holdings.</i>	<i>Area</i>	
STATE—HIGHLAND			
1. Up to 1 acre	257754	21110	197
2. Over 1 acre & up to 2.50 acres	37380	45111	650
3. Over 2.50 acres & up to 5.00 acres	13159	39520	1011
4. Over 5.00 acres & upto 7.50 acres	4123	22862	998
5. Over 7.50 acres & upto 10.00 acres	2719	21901	1012
6. Over 10.00 acres & upto 12.50 acres	610	6722	499
7. Over 12.50 acres & upto 15.00 acres	213	2814	304
8. Over 15.00 acres & up to 17.50 acres	235	3851	435
9. Over 17.50 acres & upto 20.00 acres	375	6888	909
10. Over 20.00 acres & upto 25.00 acres	215	4568	688
11. Over 25.00 acres & up to 30.00 acres	93	2440	662
12. Over 30.00 acres & upto 35.00 acres	82	2585	628
13. Over 35.00 acres & upto 40.00 acres	53	1909	389
14. Over 40.00 acres	334	26570	3057
Total	317345	208851	11439

TABLE I-A—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN ORDINARY ACRES)

Grade of Holdings.	Owned area under personal cultivation.	
	No. of holdings.	Area.

STATE—LOWLAND

1. Up to 1 acre	607786	255236
2. Over 1 acre & upto 2·50 acres	101540	152772
3. Over 2·50 acres & upto 5·00 acres	32940	108702
4. Over 5·00 acres & upto 7·50 acres	9055	59097
5. Over 7·50 acres & upto 10·00 acres	3920	32928
6. Over 10·00 acres & upto 12·50 acres	2507	26825
7. Over 12·50 acres & upto 15·00 acres	1105	14476
8. Over 15·00 acres & upto 17·50 acres	884	14356
9. Over 17·50 acres & upto 20·00 acres	511	9548
10. Over 20·00 acres & upto 25·00 acres	613	13363
11. Over 25·00 acres & upto 30·00 acres	240	6807
12. Over 30·00 acres & upto 35·00 acres	168	5291
13. Over 35·00 acres & upto 40·00 acres	153	5662
14. Over 40·00 acres	540	40683
Total	761962	745746

STATE—MIDLAND.

1. Up to 1 acre	750809	263537
2. Over 1 acre & upto 2·50 acres	250782	421408
3. Over 2·50 acres & upto 5·00 acres	96072	355468
4. Over 5·00 acres & upto 7·50 acres	27685	169219
5. Over 7·50 acres & upto 10·00 acres	11792	101421
6. Over 10·00 acres & upto 12·50 acres	5977	65851
7. Over 12·50 acres & upto 15·00 acres	3307	44345
8. Over 15·00 acres & upto 17·50 acres	2341	36690
9. Over 17·50 acres & upto 20·00 acres	1509	27218
10. Over 20·00 acres & upto 25·00 acres	1833	40409
11. Over 25·00 acres & upto 30·00 acres	607	15872
12. Over 30·00 acres & upto 35·00 acres	430	13261
13. Over 35·00 acres & upto 40·00 acres	299	10914
14. Over 40·00 acres	1161	76660
Total	1154604	1642273

TABLE I-A—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN ORDINARY ACRES)

Grade of Holdings.	Owned area under personal cultivation.	
	No. of Holdings.	Area.
STATE—HIGHLAND.		
1. Up to 1 acre	186018	158178
2. Over 1 acre & upto 2.50 acres	60974	94747
3. Over 2.50 acres & upto 5.00 acres	47179	156911
4. Over 5.00 acres & upto 7.50 acres	10566	63386
5. Over 7.50 acres & upto 10.00 acres	3717	30326
6. Over 10.00 acres & upto 12.50 acres	726	8179
7. Over 12.50 acres & upto 15.00 acres	296	3964
8. Over 15.00 acres & upto 17.50 acres	241	3843
9. Over 17.50 acres & upto 20.00 acres	333	6133
10. Over 20.00 acres & upto 25.00 acres	157	3481
11. Over 25.00 acres & upto 30.00 acres	228	6263
12. Over 30.00 acres & upto 35.00 acres	106	3463
13. Over 35.00 acres & upto 40.00 acres	94	3548
14. Over 40.00 acres	374	26142
Total	311009	568564

TABLE I-A—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN STANDARD ACRES)

Grade of Holdings.	Owned area under personal cultivation.	
	No. of Holdings.	Area
STATE—LOWLAND.		
1. Up to 1 acre	652788	257651
2. Over 1 acre and upto 2.50 acres	75627	98695
3. Over 2.50 acres & upto 5.00 acres	22764	65409
4. Over 5.00 acres & upto 7.50 acres	5547	34919
5. Over 7.50 acres & upto 10.00 acres	2053	17028
6. Over 10.00 acres & upto 12.50 acres	1046	11158
7. Over 12.50 acres & upto 15.00 acres	674	8890
8. Over 15.00 acres & upto 17.50 acres	365	6115
9. Over 17.50 acres & upto 20.00 acres	262	5018
10. Over 20.00 acres & upto 25.00 acres	258	5516
11. Over 25.00 acres & upto 30.00 acres	196	5439
12. Over 30.00 acres & upto 35.00 acres	143	4527
13. Over 35.00 acres & upto 40.00 acres	115	4061
14. Over 40.00 acres	124	6972
Total	761962	531398
STATE—MIDLAND.		
1. Up to 1 acre	959955	319087
2. Over 1 acre & upto 2.50 acres	135628	200596
3. Over 2.50 acres & upto 5.00 acres	40694	181099
4. Over 5.00 acres & upto 7.50 acres	8261	48803
5. Over 7.50 acres & upto 10.00 acres	3973	33739
6. Over 10.00 acres & upto 12.50 acres	2127	23326
7. Over 12.50 acres & upto 15.00 acres	1315	17743
8. Over 15.00 acres & upto 17.50 acres	715	11610
9. Over 17.50 acres & upto 20.00 acres	648	10104
10. Over 20.00 acres & upto 25.00 acres	500	10788
11. Over 25.00 acres & upto 30.00 acres	273	6962
12. Over 30.00 acres & upto 35.00 acres	202	6252
13. Over 35.00 acres & upto 40.00 acres	162	5967
14. Over 40.00 acres	251	12370
Total	1154604	838446

TABLE I A—(concl'd.)

HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN STANDARD ACRES)

Grade of Holdings.	Owned area under personal cultivation	
	No. of Holdings.	Area.
STATE—HIGHLAND.		
1. Up to 1 acre	249545	63047
2. Over 1 acre & upto 2.50 acres	47026	65466
3. Over 2.50 acres & upto 5.00 acres	11138	32001
4. Over 5.00 acres & upto 7.50 acres	1870	10866
5. Over 7.50 acres & upto 10.00 acres	413	3345
6. Over 10.00 acres & upto 12.50 acres	252	2840
7. Over 12.50 acres & upto 15.00 acres	145	1956
8. Over 15.00 acres & upto 17.50 acres	128	2105
9. Over 17.50 acres & upto 20.00 acres	105	1980
10. Over 20.00 acres & upto 25.00 acres	99	2155
11. Over 25.00 acres & upto 30.00 acres	63	1694
12. Over 30.00 acres & upto 35.00 acres	58	1906
13. Over 35.00 acres & upto 40.00 acres	47	1788
14. Over 40.00 acres	120	6263
Total	311009	197412

TABLE I—B
HOLDINGS CLASSIFIED ACCORDING TO AREA
OWNED AND GIVEN ON LEASE (IN ORDINARY ACRES)

Grade of Holdings	Area owned		Area given on lease
	No. of Holdings	Area	
TRIVANDRUM DISTRICT.			
1. Up to 1 acre	523449	167085	3972
2. Over 1 acre & upto 2·50 acres	110653	157628	4263
3. Over 2·50 acres & upto 5·00 acres	34063	109880	2874
4. Over 5·00 acres & upto 7·50 acres	9259	54791	1854
5. Over 7·50 acres & upto 10·00 acres	3177	30257	1155
6. Over 10·00 acres & upto 12·50 acres	2016	22413	718
7. Over 12·50 acres & upto 15·00 acres	939	12337	423
8. Over 15·00 acres & upto 17·50 acres	672	10754	264
9. Over 17·50 acres & upto 20·00 acres	418	7687	71
10. Over 20·00 acres & upto 25·00 acres	415	9964	166
11. Over 25·00 acres & upto 30·00 acres	152	4441	123
12. Over 30·00 acres & upto 35·00 acres	147	4910	135
13. Over 35·00 acres & upto 40·00 acres	142	5521	190
14. Over 40·00 acres	170	14053	..
Total	685672	611721	16208

QUILON DISTRICT.

1. Up to 1 acre	583346	207443	4113
2. Over 1 acre & upto 2·50 acres	145033	218943	4320
3. Over 2·50 acres & upto 5·00 acres	51153	191916	3828
4. Over 5·00 acres & upto 7·50 acres	13234	78080	2288
5. Over 7·50 acres & upto 10·00 acres	4680	42353	870
6. Over 10·00 acres & upto 12·50 acres	2828	31806	1651
7. Over 12·50 acres & upto 15·00 acres	1474	19268	692
8. Over 15·00 acres & upto 17·50 acres	1060	17480	641
9. Over 17·50 acres & upto 20·00 acres	624	11744	412
10. Over 20·00 acres & upto 25·00 acres	741	16417	531
11. Over 25·00 acres & upto 30·00 acres	311	8500	572
12. Over 30·00 acres & upto 35·00 acres	237	7923	683
13. Over 35·00 acres & upto 40·00 acres	209	7669	738
14. Over 40·00 acres	640	54997	7497
Total	805570	914539	28836

TABLE I-B—(contd.)
HOLDINGS CLASSIFIED ACCORDING TO AREA
OWNED AND GIVEN ON LEASE
(IN ORDINARY ACRES).

Grade of holdings,	Area owned.		Area given on lease.
	No. of holdings.	Area.	
KOTTAYAM DISTRICT.			
1. Up to 1 acre	287446	117484	2943
2. Over 1 acre & up to 2·50 acres	136882	214226	4929
3. Over 2·50 acres & up to 5·00 acres	78378	271678	8841
4. Over 5·00 acres & up to 7·50 acres	24424	146450	6213
5. Over 7·50 acres & up to 10·00 acres	10207	86853	9784
6. Over 10·00 acres & up to 12·50 acres	4053	45044	2924
7. Over 12·50 acres & up to 15·00 acres	2345	30430	2898
8. Over 15·00 acres & up to 17·50 acres	1056	16659	2170
9. Over 17·50 acres & up to 20·00 acres	1062	19804	1962
10. Over 20·00 acres & up to 25·00 acres	1389	30517	2566
11. Over 25·00 acres & up to 30·00 acres	531	15375	1882
12. Over 30·00 acres & up to 35·00 acres	376	12380	1592
13. Over 35·00 acres & up to 40·00 acres	249	9545	1008
14. Over 40·00 acres	774	78396	32114
Total	549172	1094841	81826
TRICHUR DISTRICT.			
1. Up to 1 acre	129091	56433	4353
2. Over 1 acre & up to 2·50 acres	57915	89652	9523
3. Over 2·50 acres & up to 5·00 acres	27687	94092	15699
4. Over 5·00 acres & up to 7·50 acres	10182	58501	15531
5. Over 7·50 acres & up to 10·00 acres	5114	43835	13859
6. Over 10·00 acres & up to 12·50 acres	3115	34520	9538
7. Over 12·50 acres & up to 15·00 acres	1888	25505	5640
8. Over 15·00 acres & up to 17·50 acres	1128	17519	3874
9. Over 17·50 acres & up to 20·00 acres	889	17437	5916
10. Over 20·00 acres & up to 25·00 acres	1635	34909	10882
11. Over 25·00 acres & up to 30·00 acres	1037	26125	12439
12. Over 30·00 acres & up to 35·00 acres	459	14700	9161
13. Over 35·00 acres & up to 40·00 acres	261	9283	5074
14. Over 40·00 acres	1777	179313	117983
Total	242178	701824	239472

TABLE I-B—(contd.)
HOLDINGS CLASSIFIED ACCORDING TO AREA
OWNED AND GIVEN ON LEASE
(IN STANDARD ACRES)

Grade of Holdings.	Area owned.		Area given on lease.
	No. of holdings.	Area.	
TRIVANDRUM DISTRICT.			
1. Up to 1 acre	580403	169729	4361
2. Over 1 acre & up to 2.50 acres	72209	93133	3612
3. Over 2.50 acres & up to 5.00 acres	22256	71220	2419
4. Over 5.00 acres & up to 7.50 acres	5245	31995	1813
5. Over 7.50 acres & up to 10.00 acres	2226	18259	837
6. Over 10.00 acres & up to 12.50 acres	1024	11030	598
7. Over 12.50 acres & up to 15.00 acres	783	10570	265
8. Over 15.00 acres & up to 17.50 acres	453	7330	191
9. Over 17.50 acres & up to 20.00 acres	373	6938	130
10. Over 20.00 acres & up to 25.00 acres	286	6172	127
11. Over 25.00 acres & up to 30.00 acres	149	4057	111
12. Over 30.00 acres & up to 35.00 acres	105	3522	103
13. Over 35.00 acres & up to 40.00 acres	93	3418	172
14. Over 40.00 acres	67	3365	..
Total	685672	440738	14739
QUILON DISTRICT.			
1. Up to 1 acre	692754	293279	2718
2. Over 1 acre & up to 2.50 acres	80939	122914	2366
3. Over 2.50 acres & up to 5.00 acres	21876	70732	2148
4. Over 5.00 acres & up to 7.50 acres	5251	28737	1314
5. Over 7.50 acres & up to 10.00 acres	1746	13671	713
6. Over 10.00 acres & up to 12.50 acres	882	9422	910
7. Over 12.50 acres & up to 15.00 acres	500	6649	631
8. Over 15.00 acres & up to 17.50 acres	270	4176	366
9. Over 17.50 acres & up to 20.00 acres	284	5139	219
10. Over 20.00 acres & up to 25.00 acres	308	6623	297
11. Over 25.00 acres & up to 30.00 acres	213	5712	576
12. Over 30.00 acres & up to 35.00 acres	197	6143	631
13. Over 35.00 acres & up to 40.00 acres	165	6137	623
14. Over 40.00 acres	185	8768	2964
Total	805570	588102	16476

TABLE I-B—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO AREA
OWNED AND GIVEN ON LEASE
(IN STANDARD ACRES)

Grade of Holdings.	Area owned.		Area given on lease.
	No. of holdings.	Area.	
KOTTAYAM DISTRICT.			
1. Up to 1 acre	431040	52720	1806
2. Over 1 acre & up to 2·50 acres	75055	83791	3255
3. Over 2·50 acres & up to 5·00 acres	26079	92567	4698
4. Over 5·00 acres & up to 7·50 acres	7673	51248	4584
5. Over 7·50 acres & up to 10·00 acres	3998	32798	4509
6. Over 10·00 acres & up to 12·50 acres	1672	19844	2180
7. Over 12·50 acres & up to 15·00 acres	981	13210	1534
8. Over 15·00 acres & up to 17·50 acres	557	9421	1094
9. Over 17·50 acres & up to 20·00 acres	615	11006	1793
10. Over 20·00 acres & up to 25·00 acres	474	9574	1559
11. Over 25·00 acres & up to 30·00 acres	288	7460	1146
12. Over 30·00 acres & up to 35·00 acres	228	7231	1321
13. Over 35·00 acres & up to 40·00 acres	186	6776	1191
14. Over 40·00 acres	326	54544	22823
Total	549172	452190	53493
TRICHUR DISTRICT.			
1. Up to 1 acre	188211	20885	1623
2. Over 1 acre & up to 2·50 acres	31273	32360	3393
3. Over 2·50 acres & up to 5·00 acres	12338	33003	4758
4. Over 5·00 acres & up to 7·50 acres	3995	20459	5383
5. Over 7·50 acres & up to 10·00 acres	1978	15515	3959
6. Over 10·00 acres & up to 12·50 acres	1056	12064	3382
7. Over 12·50 acres & up to 15·00 acres	572	7529	2078
8. Over 15·00 acres & up to 17·50 acres	491	7687	1860
9. Over 17·50 acres & up to 20·00 acres	387	7050	2874
10. Over 20·00 acres & up to 25·00 acres	471	11079	4515
11. Over 25·00 acres & up to 30·00 acres	236	6139	3254
12. Over 30·00 acres & up to 35·00 acres	190	5896	2396
13. Over 35·00 acres & up to 40·00 acres	109	4025	1328
14. Over 40·00 acres	871	73443	45397
Total	242178	257134	86200

TABLE I-B—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN STANDARD ACRES)

Grade of Holdings.	Owned area under personal cultivation.	
	No. of holdings.	Area.
TRIVANDRUM DISTRICT.		
1. Up to 1 acre	574065	157079
2. Over 1 acre & up to 2·50 acres	70189	97563
3. Over 2·50 acres & up to 5·00 acres	21405	75774
4. Over 5·00 acres & up to 7·50 acres	4907	30522
5. Over 7·50 acres & up to 10·00 acres	2020	17574
6. Over 10·00 acres & up to 12·50 acres	919	10220
7. Over 12·50 acres & up to 15·00 acres	641	8718
8. Over 15·00 acres & up to 17·50 acres	342	5848
9. Over 17·50 acres & up to 20·00 acres	369	6886
10. Over 20·00 acres & up to 25·00 acres	236	5282
11. Over 25·00 acres & up to 30·00 acres	98	2791
12. Over 30·00 acres & up to 35·00 acres	81	2609
13. Over 35·00 acres & up to 40·00 acres	48	1768
14. Over 40·00 acres	67	3365
Total	675387	425999
QUILON DISTRICT.		
1. Up to 1 acre	684469	294365
2. Over 1 acre & up to 2·50 acres	79103	118356
3. Over 2·50 acres & up to 5·00 acres	20532	65702
4. Over 5·00 acres & up to 7·50 acres	4716	29672
5. Over 7·50 acres & up to 10·00 acres	1597	13575
6. Over 10·00 acres & up to 12·50 acres	803	8970
7. Over 12·50 acres & up to 15·00 acres	464	6125
8. Over 15·00 acres & up to 17·50 acres	209	3448
9. Over 17·50 acres & up to 20·00 acres	215	3980
10. Over 20·00 acres & up to 25·00 acres	224	4931
11. Over 25·00 acres & up to 30·00 acres	196	5248
12. Over 30·00 acres & up to 35·00 acres	183	5690
13. Over 35·00 acres & up to 40·00 acres	170	6230
14. Over 40·00 acres	106	5334
Total	792987	571626

TABLE I-B—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN STANDARD ACRES)

Grade of Holdings.	Owned area under personal cultivation.	
	No. of holdings.	Area.
KOTTAYAM DISTRICT.		
1. Up to 1 acre	422087	136930
2. Over 1 acre & up to 2.50 acres	82981	118372
3. Over 2.50 acres & up to 5.00 acres	23200	63290
4. Over 5.00 acres & up to 7.50 acres	3221	19191
5. Over 7.50 acres & up to 10.00 acres	1669	13624
6. Over 10.00 acres & up to 12.50 acres	851	8965
7. Over 12.50 acres & up to 15.00 acres	544	7441
8. Over 15.00 acres & up to 17.50 acres	351	5749
9. Over 17.50 acres & up to 20.00 acres	190	3592
10. Over 20.00 acres & up to 25.00 acres	204	4339
11. Over 25.00 acres & up to 30.00 acres	145	3636
12. Over 30.00 acres & up to 35.00 acres	96	3052
13. Over 35.00 acres & up to 40.00 acres	75	2701
14. Over 40.00 acres	102	7815
Total	535716	398697
TRICHUR DISTRICT.		
1. Up to 1 acre	133247	63853
2. Over 1 acre & up to 2.50 acres	49722	83394
3. Over 2.50 acres & up to 5.00 acres	21917	78770
4. Over 5.00 acres & up to 7.50 acres	7177	42990
5. Over 7.50 acres & up to 10.00 acres	3677	30836
6. Over 10.00 acres & up to 12.50 acres	2483	26772
7. Over 12.50 acres & up to 15.00 acres	1192	15708
8. Over 15.00 acres & up to 17.50 acres	913	14219
9. Over 17.50 acres & up to 20.00 acres	648	11645
10. Over 20.00 acres & up to 25.00 acres	989	21327
11. Over 25.00 acres & up to 30.00 acres	369	9963
12. Over 30.00 acres & up to 35.00 acres	120	3720
13. Over 35.00 acres & up to 40.00 acres	96	3448
14. Over 40.00 acres	935	55707
Total	223485	462352

TABLE I-B—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN ORDINARY ACRES)

Grade of Holdings	Owned area under personal cultivation	
	No. of holdings	Area
TRIVANDRUM DISTRICT.		
1. Up to 1 acre	520076	187631
2. Over 1 acre & up to 2·50 acres	106596	151257
3. Over 2·50 acres & up to 5·00 acres	33127	98739
4. Over 5·00 acres & up to 7·50 acres	8114	53622
5. Over 7·50 acres & up to 10·00 acres	3107	25386
6. Over 10·00 acres & up to 12·50 acres	1698	18366
7. Over 12·50 acres & up to 15·00 acres	765	10210
8. Over 15·00 acres & up to 17·50 acres	655	9976
9. Over 17·50 acres & up to 20·00 acres	340	6013
10. Over 20·00 acres & up to 25·00 acres	316	6771
11. Over 25·00 acres & up to 30·00 acres	163	4693
12. Over 30·00 acres & up to 35·00 acres	142	4389
13. Over 35·00 acres & up to 40·00 acres	118	4407
14. Over 40·00 acres	170	14053
Total	675387	595513
QUILON DISTRICT.		
1. Up to 1 acre	595962	278719
2. Over 1 acre & up to 2·50 acres	130670	214612
3. Over 2·50 acres & up to 5·00 acres	44293	157162
4. Over 5·00 acres & up to 7·50 acres	11450	67358
5. Over 7·50 acres & up to 10·00 acres	4189	34923
6. Over 10·00 acres & up to 12·50 acres	2117	23161
7. Over 12·50 acres & up to 15·00 acres	1282	16794
8. Over 15·00 acres & up to 17·50 acres	850	13770
9. Over 17·50 acres & up to 20·00 acres	464	8452
10. Over 20·00 acres & up to 25·00 acres	545	12317
11. Over 25·00 acres & up to 30·00 acres	242	6455
12. Over 30·00 acres & up to 35·00 acres	216	6666
13. Over 35·00 acres & up to 40·00 acres	179	6454
14. Over 40·00 acres	528	38860
Total	792987	885703

TABLE I-B—(contd.)

HOLDINGS CLASSIFIED ACCORDING TO OWNED
AREA UNDER PERSONAL CULTIVATION
(IN ORDINARY ACRES)

Grade of Holdings	Owned area under personal cultivation	
	No. of holdings	Area
KOTTAYAM DISTRICT.		
1. Up to 1 acre	295328	146748
2. Over 1 acre & up to 2.50 acres	126308	219664
3. Over 2.50 acres & up to 5.00 acres	76854	286410
4. Over 5.00 acres & up to 7.50 acres	20565	127732
5. Over 7.50 acres & up to 10.00 acres	8456	73530
6. Over 10.00 acres & up to 12.50 acres	2912	32556
7. Over 12.50 acres & up to 15.00 acres	1469	20073
8. Over 15.00 acres & up to 17.50 acres	1048	16924
9. Over 17.50 acres & up to 20.00 acres	901	16789
10. Over 20.00 acres & up to 25.00 acres	753	16838
11. Over 25.00 acres & up to 30.00 acres	301	7831
12. Over 30.00 acres & up to 35.00 acres	226	7240
13. Over 35.00 acres & up to 40.00 acres	153	5815
14. Over 40.00 acres	442	34865
Total	535716	1013015
TRICHUR DISTRICT.		
1. Up to 1 acre	181667	51411
2. Over 1 acre & up to 2.50 acres	26008	30466
3. Over 2.50 acres & up to 5.00 acres	9459	23743
4. Over 5.00 acres & upto 7.50 acres	2834	15203
5. Over 7.50 acres & up to 10.00 acres	1153	9339
6. Over 10.00 acres & up to 12.50 acres	852	9169
7. Over 12.50 acres & up to 15.00 acres	485	6305
8. Over 15.00 acres & up to 17.50 acres	306	4785
9. Over 17.50 acres & up to 20.00 acres	141	2644
10. Over 20.00 acres & up to 25.00 acres	193	3907
11. Over 25.00 acres & up to 30.00 acres	93	2420
12. Over 30.00 acres & up to 35.00 acres	43	1334
13. Over 35.00 acres & up to 40.00 acres	31	1117
14. Over 40.00 acres	220	9091
Total	223485	170934

APPENDIX IX

In this appendix is given four tables containing the results of the census of landholdings and cultivation conducted by the Madras Government in the Malabar District (of the erstwhile Madras State) now forming part of the Kerala State. As in the Travancore-Cochin State, agricultural land comprised in 'Owner's' holdings were covered by the census. All unoccupied areas, uncultivated lands and lands in urban areas were excluded. "Area owned" included land held as owner as well as land held under rights of occupancy. But, unlike in the Travancore-Cochin area, plantations were also included. The method adopted for reducing ordinary acres to standard acres was also different. The method adopted by Madras Government is also shown in this appendix.

STATEMENT A—HOLDINGS CLASSIFIED
ACCORDING TO AREA OWNED AND GIVEN
ON LEASE IN ORDINARY DRY ACRES

MALABAR DISTRICT.

Grade of holdings	Area owned		Area given on lease
	No. of holdings	Area	
1. Up to 1 acre	196680	116249·25	14·24
2. Exceeding 1 acre but not exceeding 2·50 acres	153885	276663·00	60·13
3. Exceeding 2·50 acres but not exceeding 5 acres	122597	453434·22	130·50
4. Exceeding 5 acres but not exceeding 7·50 acres	60439	379234·26	152·60
5. Exceeding 7·50 acres but not exceeding 10 acres	36798	319868·94	99·07
6. Exceeding 10 acres but not exceeding 12·50 acres	25644	285341·40	103·33
7. Exceeding 12·50 acres but not exceeding 15 acres	18669	254819·26	97·57
8. Exceeding 15 acres but not exceeding 17·50 acres	14116	232864·24	20·30
9. Exceeding 17·50 acres but not exceeding 20 acres	10509	196550·48	52·85
10. Exceeding 20 acres but not exceeding 25 acres	11385	255169·13	188·16

STATEMENT—A MALABAR DISTRICT—(contd.)

11. Exceeding 25 acres but not exceeding 30 acres	7321	200695·40	160·53
12. Exceeding 30 acres but not exceeding 35 acres	5034	172086·78	97·90
13. Exceeding 35 acres but not exceeding 40 acres	3644	136697·33	78·66
14. Exceeding 40 acres but not exceeding 45 acres	2778	119088·96	41·65
15. Exceeding 45 acres but not exceeding 50 acres	2152	102984·86	53·31
16. Exceeding 50 acres but not exceeding 60 acres	2566	126554·22	139·85
17. Exceeding 60 acres but not exceeding 75 acres	2215	146939·22	119·55
18. Exceeding 75 acres but not exceeding 100 acres	1917	164411·81	206·30
19. Exceeding 100 acres but not exceeding 150 acres	1440	175673·60	295·14
20. Exceeding 150 acres but not exceeding 200 acres	486	86393·68	155·81
21. Exceeding 200 acres but not exceeding 300 acres	329	81666·88	29·05
22. Exceeding 300 acres but not exceeding 500 acres	183	73783·41	207·05
23. Exceeding 500 acres but not exceeding 1000 acres	114	79038·61	84·46
24. Over 1000 acres	93	345976·53	3341·72
TOTAL	680994	4782185·47	5929·73

STATEMENT B—HOLDINGS CLASSIFIED TO AREA OWNED
AND GIVEN ON LEASE IN STANDARD DRY ACRES.

MALABAR AREA.

Grade of holdings.	Area owned.		Area given on lease.
	No. of hold-ings.	Area.	
1. Up to 1 acre	283082	161742·20	20·35
2. Exceeding 1 acre but not exceeding 2·50 acres	168094	293525·48	66·66
3. Exceeding 2·50 acres but not exceeding 5 acres	100518	350405·10	135·45
4. Exceeding 5 acres but not exceeding 7·50 acres	39858	243955·13	93·41
5. Exceeding 7·50 acres but not exceeding 10 acres	26153	220494·13	99·44
6. Exceeding 10 acres but not exceeding 12·50 acres	15016	168348·77	87·28
7. Exceeding 12·50 acres but not exceeding 15 acres	12292	184443·56	105·99
8. Exceeding 15 acres but not exceeding 17·50 acres	9254	148560·81	79·67
9. Exceeding 17·50 acres but not exceeding 20 acres	5786	107341·46	34·74
10. Exceeding 20 acres but not exceeding 25 acres	6127	136096·51	125·53
11. Exceeding 25 acres but not exceeding 30 acres	3647	98667·64	91·88
12. Exceeding 30 acres but not exceeding 35 acres	2571	82422·74	52·91
13. Exceeding 35 acres but not exceeding 40 acres	1867	67478·85	28·53
14. Exceeding 40 acres but not exceeding 45 acres	1342	58697·85	30·10
15. Exceeding 45 acres but not exceeding 50 acres	1074	52082·87	56·61
16. Exceeding 50 acres but not exceeding 60 acres	1353	73438·17	1·20
17. Exceeding 60 acres but not exceeding 75 acres	1086	70804·16	148·99
18. Exceeding 75 acres but not exceeding 100 acres	783	67355·81	205·09
19. Exceeding 100 acres but not exceeding 150 acres	505	58568·00	..
20. Exceeding 150 acres but not exceeding 200 acres	209	34375·82	5·06
21. Exceeding 200 acres but not exceeding 300 acres	150	36599·25	112·02
22. Exceeding 300 acres but not exceeding 500 acres	100	38125·94	72·37
23. Exceeding 500 acres but not exceeding 1000 acres	74	30693·01	815·37
24. Over 1000 acres	53	172243·97	1129·62
Total	680994	2956467·23	3598·27

STATEMENT C—HOLDINGS CLASSIFIED ACCORDING TO
AREA UNDER PERSONAL CULTIVATION IN
ORDINARY DRY ACRES.

MALABAR DISTRICT.

<i>Grade of holdings.</i>	<i>Owned area under personal cultivation.</i>	
	<i>No. of holdings.</i>	<i>Area.</i>
1. Up to 1 acre	196651	117772·63
2. Exceeding 1 acre but not exceeding 2·5 acres	153861	276562·70
3. Exceeding 2·5 acres but not exceeding 5 acres	122580	453144·85
4. Exceeding 5 acres but not exceeding 7·50 acres	60434	379064·82
5. Exceeding 7·50 acres but not exceeding 10 acres	36789	319691·29
6. Exceeding 10 acres but not exceeding 12·50 acres	25643	285228·55
7. Exceeding 12·50 acres but not exceeding 15 acres	18669	254735·41
8. Exceeding 15 acres but not exceeding 17·50 acres	14110	232748·16
9. Exceeding 17·50 acres but not exceeding 20 acres	10511	196724·54
10. Exceeding 20 acres but not exceeding 25 acres	11381	254947·58
11. Exceeding 25 acres but not exceeding 30 acres	7316	200426·24
12. Exceeding 30 acres but not exceeding 35 acres	5013	171954·31
13. Exceeding 35 acres but not exceeding 40 acres	3625	136658·03
14. Exceeding 40 acres but not exceeding 45 acres	2777	119004·95
15. Exceeding 45 acres but not exceeding 50 acres	2152	102931·55
16. Exceeding 50 acres but not exceeding 60 acres	2564	126305·31
17. Exceeding 60 acres but not exceeding 75 acres	2212	147627·91
18. Exceeding 75 acres but not exceeding 100 acres	1917	165205·51
19. Exceeding 100 acres but not exceeding 150 acres	1438	175277·20
20. Exceeding 150 acres but not exceeding 200 acres	486	86237·87
21. Exceeding 200 acres but not exceeding 300 acres	329	81637·83

STATEMENT C—(contd.)

MALABAR DISTRICT

Grade of Holdings.	Owned area under personal cultivation.	
	No. of holdings.	Area.
22. Exceeding 300 acres but not exceeding 500 acres	183	73575·86
23. Exceeding 500 acres but not exceeding 1000 acres	114	78954·15
24. Over 1000 acres	92	342634·81
Total	680865	4779052·06*

* There is a slight discrepancy between this figure and the difference of area owned and on lease in Statement A.

STATEMENT D—HOLDINGS CLASSIFIED ACCORDING
TO AREA UNDER PERSONAL CULTIVATION IN
STANDARD DRY ACRES.

MALABAR DISTRICT.

<i>Grade of holdings.</i>	<i>Owned area under personal cultivation.</i>	
	<i>No. of holdings.</i>	<i>Area.</i>
1. Up to 1 acre	283017	159820·94
2. Exceeding 1 acre but not exceed- ing 2·5 acres	168067	293417·54
3. Exceeding 2·5 acres but not exceed- ing 5 acres	100505	350172·15
4. Exceeding 5 acres but not exceed- ing 7·50 acres	39856	243854·29
5. Exceeding 7·50 acres but not ex- ceeding 10 acres	26184	220596·57
6. Exceeding 10 acres but not exceed- ing 12·50 acres	15011	166720·69
7. Exceeding 12·50 acres but not ex- ceeding 15 acres	12286	164280·19
8. Exceeding 15 acres but not exceed- ing 17·50 acres	9256	148515·00
9. Exceeding 17·50 acres but not ex- ceeding 20 acres	5785	107288·26
10. Exceeding 20 acres but not exceed- ing 25 acres	6123	135951·11
11. Exceeding 25 acres but not exceed- ing 30 acres	3618	98609·58
12. Exceeding 30 acres but not exceed- ing 35 acres	2572	82403·19
13. Exceeding 35 acres but not exceed- ing 40 acres	1865	67370·57
14. Exceeding 40 acres but not exceed- ing 45 acres	1337	58490·11
15. Exceeding 45 acres but not exceed- ing 50 acres	1073	51975·00
16. Exceeding 50 acres but not exceed- ing 60 acres	1353	73436·97
17. Exceeding 60 acres but not exceed- ing 75 acres	1084	70456·33

STATEMENT D— (contd.)

Grade of holdings.	Owned area under personal cultivation	
	No. of holdings.	Area.
18. Exceeding 75 acres but not exceeding 100 acres	783	67249·29
19. Exceeding 100 acres but not exceeding 150 acres	505	58568·00
20. Exceeding 150 acres but not exceeding 200 acres	209	34368·76
21. Exceeding 200 acres but not exceeding 300 acres	150	36487·23
22. Exceeding 300 acres but not exceeding 500 acres	100	38053·57
23. Exceeding 500 acres but not exceeding 1000 acres	73	49877·64
24. Over 1000 acres	53	171114·35
Total	680865	2949077·33*

* There is a slight discrepancy between this figure and the difference of area owned and on lease in Statement B.

FORMULA FOR CONVERTING ORDINARY ACRES INTO STANDARD ACRES (MALABAR DIST.)

The Statistics gathered at the census have been expressed in terms of 'ordinary dry acres' as well as 'standard dry acres'.

Ordinary dry acre.—For arriving at the ordinary dry acre, an acre of wet or garden land has been assumed to be equivalent to three acres of dry land.

Standard acre.—The formulae to be adopted for reducing "ordinary acres" into "standard acres" are detailed below :—

The standard acre is taken as 16 annas.—Adopting the standardized assessment suggested by the Land Revenue Reforms Committee lands were divided as follows :—

1. Wet lands—

	<i>Annas.</i>
(a) Lands with rates of assessment exceeding Rs. 7-8-0 an acre and not exceeding Rs. 10 an acre	16
(b) Lands with rates of assessment of Rs. 7-8-0 and below and more than Rs. 6 an acre	14
(c) Lands with rates of assessment of Rs. 6 and below and more than Rs. 4 an acre	12
(d) Lands with rates of assessment of Rs. 4 and below and more than Rs. 2-8-0 an acre	10
(e) Lands with rates of assessment of Rs. 2-8-0 and below an acre	8
(f) Lands with rates of assessment exceeding Rs. 10 an acre mainly in deltas	18
(g) Lands on which two crops are ordinarily grown in the delta areas	20

NOTE :—Double-crop lands were not valued higher, because considerable additional expenditure and labour are involved in growing two crops.

II. Lands under a V class irrigation source were not given a valuation exceeding 10 annas.

III. Lands registered as dry but paying a fixed water-rate under the major irrigation systems were valued at 16 annas.

IV. If a land is registered as dry, but is ordinarily cultivated with wet crops, the same valuation as for registered wet lands with the same soil particulars under the same source was adopted.

V. Garden lands were treated as equivalent to wet lands with the same rates of assessment.

VI. Dry lands—

	Annas.
(a) Lands with rates of assessment of more than Rs. 3 an acre	20
(b) Lands with rates of assessment of more than Rs. 1-8-0 up to Rs. 3 an acre	16
(c) Lands with rates of assessment exceeding 12 annas up to Rs. 1-8-0 an acre	12
(d) Lands with rates of assessment of 12 annas and below an acre	8

NOTE :—Dry lands with wells are obviously more valuable ; they were given a valuation equal to $1\frac{1}{2}$ times the valuation of dry lands without wells bearing the same taram rate.

One acre of dry land growing commercial crops systematically was treated as equivalent to 2 acres of dry land with the same taram rate growing food-crops.

If, however, commercial and food crops were grown in rotation, one acre of land was treated as equivalent to $1\frac{1}{2}$ acres of dry land with the same taram rate growing food crops regularly.

VII. One standard acre of wet land was treated as equivalent to three standard acres of dry lands (without wells) growing food crops.

The entire holding valued by adopting the above formulae was expressed finally in terms of dry standard acres.

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