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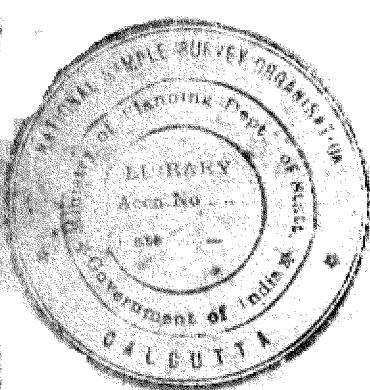
जोत सम्बन्धी सारणियाँ

TABLES
ON
LAND HOLDINGS

राज्य : केरल

STATE : KERALA

जिल्द 1 VOLUME 1



भारत सरकार
पोजना मंत्रालय, सांख्यिकी विभाग,
राष्ट्रीय प्रतिदर्श सर्वेक्षण संगठन
द्वारा निर्गमित

ISSUED BY
NATIONAL SAMPLE SURVEY ORGANISATION
DEPARTMENT OF STATISTICS, MINISTRY OF PLANNING
GOVERNMENT OF INDIA

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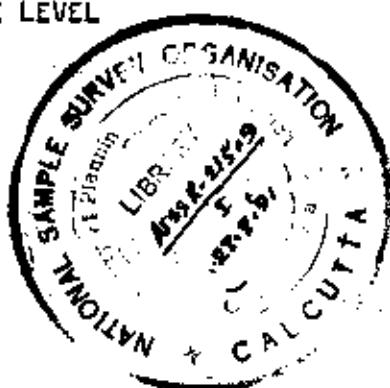
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NATIONAL SAMPLE SURVEY
TWENTYSIXTH ROUND : JUL 1971 - SEP 1972
NUMBER 216.2

TABLES ON LAND HOLDINGS AT STATE LEVEL

STATE : KERALA

VOLUME I



NATIONAL SAMPLE SURVEY ORGANISATION
DEPARTMENT OF STATISTICS, MINISTRY OF PLANNING
GOVERNMENT OF INDIA
JULY 1975

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NATIONAL SAMPLE SURVEY
TWENTYSIXTH ROUND : JUL 1971 - SEP 1972
SURVEY ON LAND HOLDINGS

Introduction

1. With the decision of the Government of India to participate in the world agricultural census, 1970, sponsored by the Food and Agriculture Organisation of the United Nations, the Ministry of Agriculture desired that the NSS Organisation may organise, as in the past, a sample survey of land holdings with the object of obtaining comparable information on the structure of agriculture in the country. The survey was undertaken in 1971-72 as a part of the 26th round of the NSS in conjunction with the debt and investment survey proposed by the Reserve Bank of India. It may be mentioned that the enquiry into land holdings in the 26th round was the third extensive survey on land holdings carried out by the NSS Organisation, the first having been undertaken from Jul 1954 to Jun 1955 as a part of the 8th round and the second from Jul 1960 to Jul 1962 as part of 16th and 17th rounds of the NSS.

Period of the survey

2. In order to meet the requirements both of the Ministry of Agriculture and the Reserve Bank of India, the survey period of the 26th round was extended to 15 months from July 1971 to Sep 1972. The period of the survey was divided into three phases and during each phase the same set of sample households were canvassed.

Geographical coverage

3. The survey extended to the whole of India excluding Andaman Nicobar Islands, Arunachal Pradesh, Dadra and Nagar Haveli, Laccadive, Minicoy and Amindivi Islands, Ladakh district of Jammu and Kashmir and a few districts of Madhya Pradesh, Maharashtra and Tripura.

Participation of States

4. All the States except those of West Bengal, Nagaland and Himachal Pradesh participated in the 26th round on a matching basis in so far as the enquiry into land holdings was concerned. The Union Territory of Delhi participated with a double matching sample. The Union Territory of Chandigarh, Goa, Daman and Diu and Pondicherry did not participate.

Schedules prescribed

5. As the survey on land holdings and the debt and investment survey had many items of information in common, the two surveys were integrated and a common set of schedules was designed for the joint enquiry. Separate schedules were prescribed for rural and urban areas and for each of the three visits to the sample households. In all six schedules were canvassed as per details given below:

Sr. No. of visit	Period of visit	Schedules canvassed	Broad contents of schedules
(1)	(2)	(3)	(4)
1.	Jul 71 to Dec 71	Schedules 18.1 (R) 18.1 (U)	Land holdings and inventory of assets and liabilities
2.	Jan 72 to Jun 72	Schedules 18.2 (R) 18.2 (U)	Production and sale of crops, receipts from non-farm business and transactions of assets and liabilities during Jul 71 to Dec 71
3.	Jul 72 to Sep 72	Schedules 18.3 (R) 18.3 (U)	Production and sale of crops, receipts from non-farm business and liabilities during Jul 72 to June 72

6. As will be seen from the above, data on land holdings were collected through schedules 18.1 (R) and 18.1 (U) during the first visit from Jul 1971 to Dec 1971. Schedules 18.2 (R & U) and 18.3 (R & U) were meant for obtaining information relating to debt and investment situation for specified periods during the two successive visits.

Sampling Design

7. The sampling design, for the rural and urban sectors each, was self-weighting at State levels. In the case of rural sector, it was self-weighting at regional and sub-stratum levels also. The sampling design for the rural area was mainly a stratified two-stage one. The first stage units were villages which were selected circular systematically with equal probability in the form of two independent interpenetrating sub-samples. The sampling design for the urban area too was a stratified two-stage one with urban blocks as the first stage units. The sample blocks were also selected systematically with probability proportional to size in the form of two independent and interpenetrating samples. The second stage units in the case of rural and urban sectors each, were households.

8. For the purpose of stratification in the rural areas, the country was first divided into 66 agricultural regions by grouping, within each State or Union Territory, districts having similar population density and crop pattern. Strata were formed in each region by grouping tehsils, which were (1) contiguous (2) having similar crop pattern and population density and (3) having good transport facilities amongst them. In all, there were 350 strata; and within each stratum two independent sub-samples of 12 villages each were selected. In each sub-sample, the villages with odd orders of selection formed the central sample and the rest State sample. The 1961 census list of villages was used as sampling frame for selection of villages.

9. The central sample consisted of 4200 villages in all. The allocation of these villages of each State and Union Territory was based on joint consideration of its rural population, area under cereal crops and available investigator strength. This was modified to ensure a minimum of 180 villages in each State with the exception of some small States and Union Territories.

10. In the case of urban sector, the 4 cities of Bombay, Calcutta, Delhi and Madras formed strata by themselves. Further, within each State and Union Territory towns with population of less than 50,000 formed stratum one and the remaining towns and cities formed stratum two. A total of 4640 blocks in the Central sample were allocated to the States in proportion to their 1961 census urban population with a minimum of 144 blocks in each State excepting some small States and Union Territories. The selection of blocks in each stratum was done in the form of two independent sub-samples of equal size.

11. For selection of sample households, all the households in a sample village were first divided into four sub-strata on the basis of land operated. Households with no land formed sub-stratum one. The cut off points among the remaining three sub-strata were made roughly by equalising area operated among them. These points varied generally from one region to another even within a State. Further, in

Sub-stratum-one consisting of households with no land, for drawing the sample, the households were arranged by their means of livelihood into three classes, namely (i) agricultural labourer, (ii) artisan and (iii) others. On an average, three households were selected from each sub-stratum in each sample village giving thereby more weight to the households operating larger areas of land. Within each sub-stratum, sample households were selected linear systematically.

12. In the urban sector, the households in each sample block were divided into four classes on the basis of land owned and employment status as shown below;

- i) Class I : households owning land less than one acre and self-employed.
- ii) Class II : households owning one acre and more of land and self-employed.
- iii) Class III : households owning land one acre and more but non-self employed.
- iv) Class IV : households owning less than one acre of land and non-self employed plus households with no land.

Households were then arranged in increasing order of household class codes and linear systematic sample was selected for canvassing schedule 18.1 (U). On an average, four households were selected from each sample block.

Item coverage

13. The main items of information collected through schedules 18.1 (R) and 18.1 (U) were;

- i) demographic and activity particulars of the members of households;
- ii) land owned, land leased out and land leased in under different terms of tenancy;
- iii) inventory of livestock and their values;
- iv) inventory of agricultural machinery and other equipments used in non-farm business, and their values;
- v) inventory from transport equipments and their values;
- vi) value of other assets and liabilities;
- vii) details about operational holdings, and
- viii) use of chemical fertilisers, manures and pesticides on land operated.

Concepts and definitions

The concepts and definitions adopted in the survey of land holding are given below:-

- i) Household: A group of persons normally living together and taking food from a common kitchen constitutes a household.
- ii) Ownership of land: The ownership right over a plot of land is defined as the right of permanent heritable possession with or without the right to transfer the title. Land held in ownership like possession under a long term lease or assignment is also considered as land owned by the household. The total of land owned by all the members of the household is taken as land owned by the household.
- iii) Land leased in: Land taken on lease from others without any permanent right of possession for the lessee is considered as land leased in. The aggregate of land leased in by all the members of the household gives the total of the land leased in by the household as a whole.
- iv) Land leased out: Land given out on lease to others by owners of the land is defined as land leased out. The aggregate of the land leased out by all the members of the household constitutes the total of land leased out by the household as a whole.
- v) Land possessed: Land owned by the household together with land leased in by it minus land leased out by it constitutes the land possessed by the household.
- vi) Agricultural labour: A person is considered to be an agricultural labour if he follows one or more of the following agricultural occupations in the capacity of labourer on hire or on exchange:- (a) Farming, (b) dairy farming, (c) production of any horticulture commodity, (d) raising of livestock, bees or poultry, and (e) any work performed on a farm in connection with the farm operations.
- vii) Parcel: A parcel is all land surrounded by land of other holdings or by land not forming part of any holding. It might consist of one or more cadastral units, plots or fields.
- viii) Land holding:
Household operation holding is a land holding possessed by a single household.
Operational holding is a land holding operated under a single management. In a majority of cases, a household operational holding will also be an operational holding operated under a single management of the household. But this may not always be the case. For instance, a household operational holding may consist of two operational holdings separately managed by two brothers or by a father and a son who are members of a single household. In such cases, there may have been a

separation in the matter of land holding but not in the household. On the other hand, a household may have a share in an operational holding jointly managed by two or more households such as the separate households of two brothers or a father and his son who may have separate households but a joint operational holding. In such cases, the household operational holding will consist of only the share of the household in the joint operational holding plus any land holding which the household may have under its own single management.

The definition as prescribed in the instructions to field staff is reproduced below:-

A holding is all land which is used wholly or partly for agricultural production and is operated (directed/managed) by one person alone, or with the assistance of others, without regard to title, size or location. The holding may consist of one or more parcels of land provided they are located within India and these as a whole form part of the same technical unit. By technical unit will be understood, in the context of agricultural operations, a unit with more or less independent technical resources, etc. covering items like land, implements, live-stock etc. Thus, an operational holding will be considered (among other things) as one-(a) operated by a 'person' and (b) constituting one technical unit. A 'person' in the definition, for the purpose of this survey, will be either a single household or more than one household operating jointly. Since the investigator has to get hold of the operational holdings through the sample households, it is important to identify the 'person' who operates and the 'technical unit' under such 'person'. The distinctiveness of the technical unit and existence of distinct management will be probed into for arriving at the number of operational holdings. Thus, more than one 'person' (signifying distinct management/direction/operation) who operate will not be considered to have the same technical unit, even if most of the technical resources used by them are the same. On the other hand under the same 'person' there could be more than one operational holding provided there are distinct technical units.

The following holdings will be excluded from the scope of the survey:-

- (a) land put to non-agricultural uses only such as house sites etc., and
- (b) co-operative farms.

- ix) Individual and joint operational holding : Any operational holding managed by one household is considered to be an individual holding, and that managed by members belonging to different households is taken to be as joint operational holding.
- x) Attached farm worker : Attached farm workers are those workers who are more or less in continuous employment of the management of the operational holding and are not under some sort of contract during the period of employment.

Reference period

15. Details of ownership holding, land leased out and land leased in, inventory of livestock, agricultural transport and other equipment and other assets and liabilities of the households were collected as on 30 June 1971. For particulars of operational holdings of the households, the reference period was the agricultural year 1970-71.

Results presented

16. In order to expedite the release of the principal results of every survey, the Governing Council for the National Sample Survey Organisation decided that such results may be obtained through manual tabulation. Accordingly, for the purpose of survey on land holdings, a programme for manual tabulation of data on the first seven items listed in paragraph 13 was drawn up both for the Central and State Samples.

17. In all, 21 tables were prescribed. These covered items like size of holdings, household ownership of holdings (also landless households), household operational holdings, particulars of area leased in and area leased out, inventory of livestock, farm machinery, other equipment used in non-farm business, transport equipment, number of attached farm workers in the operational holdings during the major agricultural seasons of the holdings.

18. The tables presented here are based on the Central Sample and are for all the sub-samples combined. A set of 21 tables is prescribed for each of the following :-

- i) urban and rural sectors combined,
- ii) urban sector only,
- iii) rural sector only,
- iv) rural sector separately for each region.

The results are provisional in nature and are subject to revision.

19. The brochure for each State has been brought out in two volumes. Volume-I gives a brief account of the sample design of the survey, concepts and definitions together with the code list and the 21 prescribed tables giving estimates at State level. In volume-II are given similar tables but with estimates at regional level.

20. The results presented here are in respect of Kerala. The State consists of two regions, viz; (1) Northern and (2) Southern. The name of the districts within each region are as below:-

Sl. No.	Name of the region	Composition of the region (districts)
(1)	(2)	(3)
1.	Northern	Cannanore, Kozhikode, Malappuram and Palghat.
2.	Southern	Alleppey, Ernakulam, Kottayam, Quilon, Trichur and Thrissur.

Note on Estimates of Aggregates

The principal results of the 26th Round Survey on Land Holdings for the State are presented in this brochure in the form of ratio estimates (percentages, averages, etc.). The main focus of these tables is not on the aggregate estimates. Nevertheless, this section presents, in the enclosed table, estimates of three variables, viz., number of households, area owned and area operated by household sector at the all-India level as well as the State level, and compares them with estimates available from other official sources.

2. Table I gives for each State/Union Territory the estimates of number of households, area owned and area operated as per NSS survey in columns 2, 5 and 6 respectively. Column 3 gives the number of households based on the 1971 Census and column 4 the percentage of the NSS figure over that of the Census. Similarly, the estimate of area operated as obtained from the NSS has been compared in column 8 with the figure of 'net area sown' for 1970-71, supplied by State Agricultural Statistics Authorities (SASA). The all-India estimates given in the last row relate only to the 23 States/Union Territories listed in column 1; Nagaland and Chandigarh are excluded because the survey covered only the urban sector.

3. Column 4 of Table I clearly shows that at the all-India level the difference between the NSS estimates of the number of households and that of the 1971 Census is negligible (only 0.42%), the respective figures being 100.61 and 100.19 million. At the State level, however, the NSS estimates are higher than the 1971 Census figure in 10 out of the 23 States/Union Territories listed in the table and lower in the case of 13. The States showing plus differences are Maharashtra, Uttar Pradesh, Orissa, Karnataka, Delhi, Punjab, Tamil Nadu, Gujarat, Meghalaya and Andhra Pradesh. The maximum percentage difference on the plus side was 11.63 in respect of Maharashtra, minimum of 1.59 in respect of Andhra Pradesh and in five of them (viz. Gujarat, Meghalaya, Punjab, Tamil Nadu and Delhi) the percentage difference ranged between 2 to 5. Out of the 13 States/Union Territories where the NSS estimates were lower than the comparable figures from the Census, (excluding the Union Territories of Goa and Pondicherry, where the sample size was small), the maximum difference of 28.28% was observed in respect of Himachal Pradesh and the minimum difference of 3.78% in respect of Haryana. For Himachal Pradesh, the sample size (36 villages and 24 blocks) for 26th Round may not, perhaps, have been adequate.

4. In understanding these differences, it is pertinent to note that the reference periods to which these two sets of figures relate are not exactly identical. The 1971 Census relates to 1st April 1971 while the NSS estimates relate to the moving reference period of a day during July 1971 to December 1971.

Considering the fact that the reference period of the NSS was later than that of the Census, the NSS estimates of number of households are expected to be slightly higher than the Census figure, and this indeed found to be true at the all-India level. But larger plus differences and the minus differences must be mainly due to the sampling errors to which the NSS estimates are subject.

5. Column 7 of Table I gives the figures on 'net area sown' for 1970-71 as per nine-fold land-use classification. Column 8 shows that at the all-India level, the NSS estimates of area operated are lower than the 'net area sown' by about 7.2%. At the State level also, the NSS estimates are lower except in the case of Meghalaya, Himachal Pradesh and Maharashtra where the NSS estimates are higher. In Uttar Pradesh and Karnataka they are more or less the same. Of the remaining States/Union Territories differences of the order of 10 percent or more are noticed in the case of Assam, Haryana, Kerala, Meghalaya, Orissa, Punjab, Tamil Nadu, Tripura, West Bengal, Delhi, Goa and Pondicherry. The conspicuous cases are Kerala (-43%); Haryana (-33%); Punjab (-31%); Meghalaya (+26%); Orissa (-24%); West Bengal (-22%) and Tamil Nadu (-20%), if we leave out the small States/Union Territories. On the other hand, the NSS estimates in respect of Bihar and Madhya Pradesh, tally well with the figures of 'net area sown', the difference being only about 3 percent.

6. While analysing the variations between the figures of 'area operated' of the NSS and 'net area sown' supplied by the States, one should bear in mind the following differences in the concepts and definitions adopted as well as in the agencies (and the procedures utilized) in arriving at the two sets of figures:

- (i) 'area sown' by the non-household sector like cooperative farms, government agricultural farms, land under temples, etc., is included in the figures of 'net area sown' but this is not covered in the NSS Round on operational holdings. This gives a small downward pull to the NSS estimates.
- (ii) Area under each of the land use classification (viz., forest, land put to non-agricultural uses, barren and unculturable land, permanent pastures and other grazing land, land under miscellaneous tree crops, culturable waste, fallow land other than current fallow and current fallow) is included in the NSS estimates of area operated whenever such area formed part of an operational holding which is used partly for agricultural production, whereas these are wholly excluded from the 'net area sown' figures. This gives considerable upward pull to the NSS estimates.

(ii)

- (iii) There is also difference in the agency adopted. In the case of all States excepting Kerala, Orissa and West Bengal, Statistics on land classification are collected by the revenue agency through the land records. On the other hand, the NSS data on land holdings were collected through oral enquiries from the selected households by deploying trained investigators under adequate field supervision but without any reference to the land records.
- (iv) In the case of Kerala, Orissa and West Bengal, statistics of 'net area sown' are obtained not by complete enumeration through land records but estimated on the basis of sample surveys conducted by the State governments. To that extent both the estimates of 'net area sown' and the NSS 'area operated' are subject to sampling errors.

7. Thus among the cases of conspicuous differences the three States, Kerala, Orissa and West Bengal are states where the 'net area sown' figure is also a sample estimate. The differences found in the case of Punjab, Haryana and Tamil Nadu are a matter of concern. Looking at column 4 of Table I, in these States one does not notice underestimation of households in the NSS round (except Haryana where it is marginal) as against the Census. The differences between estimates of households and estimates of area are not in all cases in the same direction. Therefore, if 'area operated' is estimated on the basis of 'operated area per household on the basis of NSS Round' multiplied by the 1971 Census number of households (as is given in column 10 of Table I) one does not achieve any substantial reduction in variation between the NSS figure so derived and 'net area sown' estimates. With a view to presenting an overall picture in this regard showing the reduction or increase achieved in the percentage deviation from 'net area sown' by the adoption of the estimate of operated area based on Census number of households as compared to the NSS estimate of operated area, a separate Table II has been prepared and attached to the Note. Table II gives full details of States falling under the following four categories :-

- (i) States having overestimation of number of households and increase in percentage deviation from 'net area sown'.
- (ii) States having overestimation of number of households and decrease in percentage deviation from 'net area sown'.
- (iii) States having underestimation of number of households and increase in percentage deviation from 'net area sown'.
- (iv) States having underestimation of number of households and decrease in percentage deviation from 'net area sown'.

It would be seen from columns 1 to 5 of Table II that the divergence from the 'net area sown' figures increases in the case of 8 States/Union Territories where the NSS estimates of number of households is on the higher side. Of these Karnataka, Orissa, Uttar Pradesh, Gujarat and Delhi have shown more divergence than the other States. Of the States where the NSS estimates of number of households were less than the Census number of households, Himachal Pradesh shown maximum increase in divergence. At all-India level, the divergence has not reduced substantially as can be seen from columns 8 and 11 of Table I.

8. It is, however, true that in the case of about 11 States/Union Territories variation between the two estimates is reduced if we consider the estimates as given in column 10, Table I. Leaving aside smaller States/Union Territories, significant improvement is shown only in Maharashtra, Rajasthan, Jammu & Kashmir, Assam, West Bengal, Haryana and Kerala. Except for Maharashtra, these are also the States where the number of households in the NSS was under estimated (Table II).

9. Thus, so far as the estimates of aggregate operated area in 1970-71 in different States are concerned, the reader will have to choose between the following three: (a) NSS estimates as given in column 6 of Table I; (b) NSS estimates based on 1971 Census number of households, as given in column 10 of Table I; and (c) 'net area sown' as given by State Agricultural Statistics Authorities and shown in column 7 of Table I. The National Sample Survey Organisation is trying to investigate into possible reasons for the large differences between these estimates in some States. In the meanwhile, the choice between the estimates must be left to the discretion of the reader.

10. Inspite of such differences in the estimates of the aggregate operated area, it is hoped that the reader will find the NSS results presented in these volumes in the form of averages and percentage useful. Many of the results presented here are not available from any other source. Some of the results, such as the distribution of the operational holdings by their size, will also become available from the Agricultural Census 1970-71. The results of the Agricultural Census are derived by a retabulation of the basic data from the land records. Before comparing them with the data from the NSS, the reader should first check them with the aggregate estimates of the 'net area sown'. Apart from the fact that the NSS estimates of aggregate operated area do not agree well with the estimates of 'net area sown' in some states, there is an important difference in the way the NSS results and the results of the Agricultural Census are built up. As mentioned above, the results of the Agricultural Census are derived by a retabulation of the basic data from the land records and cover both household and non-household sectors. The results of the NSS are derived by direct enquiries from a sample of households and hence cover only the household sector. The choice between the two sets of data must again be left to the reader.

TABLE I : STATEWISE ESTIMATES OF NUMBER OF HOUSEHOLDS, AREA OWNED AND AREA OPERATED BASED ON 26TH ROUND OF NSS AND SIMILAR RESULTS FROM OTHER OFFICIAL SOURCES

(6)	(1)	(2)	(3)	(4)	area (in hectares)		(7)
					N.S.S. estimate of owned area	N.S.S. estimate of operated area	
1	Andhra Pradesh	90128	88714	101.59	110753	106798	117348
2	Assam	22977	25046	91.74	18992	20071	22352
3	Bihar	92077	98379	91.59	76264	82373	84548
4	Gujarat	48111	46845	102.70	67332	68104	97359 ^a
5	Haryana	15364	15968	96.22	20734	23907	35650
6	Himachal Pradesh	4692	6542	71.72	5530	5852	5463
7	Jammu & Kashmir	6954	7635	91.08	6274	6491	6876
8	Karnataka	55351	52437	105.56	96302	102412	102482
9	Kerala	32937	35431	92.96	11754	12366	21717
10	Madhya Pradesh	72935	77403	94.23	174506	180752	184533
11	Maharashtra	105301	94320	111.63	188018	189265	176680
12	Manipur	1426	1026	78.09	1107	1298	1400 ^b
13	Meghalaya	2111	2063	102.33	1004	1008	1430 ^c
14	Orissa	45121	41075	107.75	41455	42672	56015
15	Punjab	24407	23702	102.97	25332	28016	40520
16	Rajasthan	39012	45039	95.62	130130	139243	151790
17	Tamil Nadu	80442	85930	102.96	49259	49214	61692
18	Tripura	2027	2720	74.30	1587	1455	2400
19	Uttar Pradesh	171771	158969	100.05	153070	174406	173049
20	West Bengal	75120	80537	93.27	40480	43410	55420 ^e
21	Delhi	8352	7977	104.70	377	52	805
22	Goa	959	1658	57.81	143	266	1336 ^f
23	Pondicherry	548	909	60.29	131	193	315
ALL INDIA		1306123	1061941	100.42	1253228	1300944	1401160

^a Figures are provisional. ^b Figure is primarily based on State Crop Survey (Rice).

^c Figure relates to the year 1967-68. * Figure relates to the year 1960.

TABLE I (CONTD.) : STATEWISE ESTIMATES OF NUMBER OF HOUSEHOLDS, AREA OWNED AND AREA OPERATED BASED ON 26TH ROUND OF NSS AND SIMILAR RESULTS FROM OTHER OFFICIAL SOURCES

sl. no.	state/ union territory	percentage of N.S.S. estimate of opera- ted area over 'net area sown'	average operated area(0.00 hect.) per household	NSS estimate of operated area (00 hect.) based on census households	percentage of col.10 to col. 7
(0)	(1)	(8)	(9)	(10)	(11)
1	Andhra Pradesh	91.01	3.18	104682	89.81
2	Assam	89.80	0.87	21790	97.49
3	Bihar	97.43	0.89	87557	103.56
4	Gujarat	90.49	1.83	85726	88.05
5	Haryana	67.06	1.56	24910	69.87
6	Himachal Pradesh	107.12	1.25	8178	149.68
7	Jammu & Kashmir	94.40	0.93	7100	103.26
8	Karnataka	99.93	1.85	97008	94.66
9	Kerala	56.94	0.38	13464	61.95
10	Madhya Pradesh	97.95	2.48	191959	104.02
11	Maharashtra	107.12	1.80	169790	96.10
12	Manipur	92.71	0.91	1662	118.64
13	Meghalaya	126.43	0.86	1774	124.06
14	Orissa	76.18	0.94	39362	70.27
15	Punjab	69.23	1.15	27257	67.25
16	Rajasthan	91.73	3.57	160789	105.93
17	Tamil Nadu	79.97	0.58	48121	78.00
18	Tripura	60.62	0.72	1964	81.83
19	Uttar Pradesh	100.78	1.02	162148	93.70
20	West Bengal	78.33	0.58	46711	84.28
21	Delhi	66.09	0.06	479	59.30
22	Goa	19.91	0.20	464	34.73
23	Pondicherry	61.27	0.35	310	100.95
ALL INDIA		92.85	1.29	1292504	92.24

TABLE II : STATES SHOWING INCREASE/DECREASE IN THE DIFFERENCE
(IN PERCENTAGE TERMS) OF N.S.S. OPERATED AREA (WITH
NET AREA SOWN) OVER THAT OF N.S.S. ESTIMATE OF AREA
OPERATED BASED ON CENSUS HOUSEHOLDS

(a) STATES SHOWING OVERESTIMATION OF NUMBER OF HOUSEHOLDS
AND INCREASE IN PERCENTAGE DEVIATION FROM NET AREA SOWN

State	extent of N.S.S. overesti- mation of households (%)	percentage deviation from net area sown of N.S.S. oper- ated area		absolute increase in the percentage devi- ation in col.4 from col.3
		(3)	(4)	
(1)	(2)	(3)	(4)	(5)
Uttar Pradesh	8.05	+ 0.78	- 6.30	5.52
Andhra Pradesh	1.59	- 8.99	-10.79	1.80
Gujarat	2.70	- 9.51	-11.95	2.44
Karnataka	5.56	- 0.07	- 5.34	5.27
Orissa	7.75	-23.82	-29.73	5.91
Punjab	2.97	+30.77	-32.75	1.98
Tamil Nadu	2.92	-20.03	-22.00	1.97
Delhi	4.70	-33.91	-40.62	6.71

(b) STATES SHOWING OVERESTIMATION OF NUMBER OF HOUSEHOLDS
AND DECREASE IN PERCENTAGE DEVIATION FROM NET AREA SOWN

state	extent of N.S.S. overesti- mation of households (%)	percentage deviation from net area sown of N.S.S. oper- ated area		absolute decrease in the percentage devi- ation in col.9 from col.8
		(8)	(9)	
(6)	(7)	(8)	(9)	(10)
Meghalaya	2.33	+26.43	+24.06	2.37
Maharashtra	11.63	+ 7.12	- 3.90	3.22

Note : Figures in columns 5 & 10 represent the absolute increase/decrease worked out as the difference between the figures in the preceding two columns without considering their signs.

TABLE II (CONTD). : STATES SHOWING INCREASE/DECREASE IN THE DIFFERENCE
(IN PERCENTAGE TERMS) OF N.S.S. OPERATED AREA
(WITH NET AREA SOWN) OVER THAT OF N.S.S. ESTIMATE
OF AREA OPERATED BASED ON CENSUS HOUSEHOLDS

(c) STATES SHOWING UNDERESTIMATION OF NUMBER OF HOUSEHOLDS
AND INCREASE IN PERCENTAGE DEVIATION FROM NET AREA SOWN

state	extent of N.S.S. underesti- mation of households (%)	percentage deviation from net area sown of		absolute increase in the percentage devi- ation in col.14 from col.13
		N.S.S. oper- ated area	operated area based on census households	
(11)	(12)	(13)	(14)	(15)
Himachal Pradesh	28.28	+7.12	+49.68	42.56
Bihar	6.41	-2.57	+ 3.55	0.99
Madhya Pradesh	5.77	-2.05	+ 4.02	1.97
Manipur	21.91	-7.29	+18.64	11.35

(d) STATES SHOWING UNDERESTIMATION OF NUMBER OF HOUSEHOLDS
AND DECREASE IN PERCENTAGE DEVIATION FROM NET AREA SOWN

state	extent of N.S.S. underesti- mation of households (%)	percentage deviation from net area sown of		absolute decrease in the percentage devi- ation in col.19 from col.18
		N.S.S. oper- ated area	operated area based on census households	
(16)	(17)	(18)	(19)	(20)
Assam	8.26	-10.20	- 2.51	7.69
Haryana	3.78	-32.94	-30.13	2.81
Jammu & Kashmir	8.92	- 5.60	+ 3.26	2.34
Kerala	7.04	-43.06	-38.05	5.01
Rajasthan	13.38	- 8.27	+ 5.93	2.34
Tripura	25.70	-39.38	-18.17	21.21
West Bengal	6.73	-21.67	-15.72	5.95
Goa	42.16	-80.09	-65.27	14.82
Pondicherry	39.71	-38.73	+ 0.95	37.76

Note : Figures in columns 15 & 20 represent the absolute increase/decrease worked out as the difference between the figures in the preceding two columns without considering their signs.

LIST OF TABLES

Description of table	Vol.I: State tables			Vol.II : Region tables (Rural)	
	Urban Or Rural	Urban	Rural	Region No. 1	2
	Page Number				
TABLE (1) : Estimated number of households, area owned and household size by size class of household ownership holding.	15	39	66	91	117
TABLE (2) : Percentage and cumulative percentage distributions of households and of area owned by size class of household ownership holding.	16	40	60	92	118
TABLE (3) : Percentage of households leasing out land under different terms to all households owning land and percentage of area leased out to area owned by size class of household ownership holding.	17	41	67	93	119
TABLE (4) : Percentage of households leasing in land under different terms to all households owning land and percentage of area leased in to area owned by size class of household ownership holding.	18	42	68	94	120

LIST OF TABLES (CONTD.)

Description of table	Vol.I: State tables			Vol.II: Region tables (Rural)	
	Urban Rural	& Urban Rural	Rural	Region No. 1	2
Page Number					
TABLE (5) : Estimated number of households, area operated and household size by size class of household operational holding.		43	60	95	121
TABLE (6) : Percentage and cumulative percentage distribution of households and of area operated by size class of household operational holding.	20	44	70	96	122
TABLE (7) : Estimated number of owned cattle and owned buffaloes per 100 households by size class of household operational holding.	21	45	71	97	123
TABLE (8) : Estimated number of owned cattle owned buffaloes per 100 hectares of operated area by size class of household operational holding.	23	47	73	99	125
TABLE (9) : Percentage of households of having working cattle buffaloes by size class of household operational holding.	25	40	75	101	127

LIST OF TABLES (CONTD.)

Description of table	Vol.I: State tables		Vol.II: Region tables (Rural)		Page Number
	Urban & Rural	Urban	Rural	Region No. 1	
TABLE (10) : Estimated number of livestock (other than cattle and buffaloes) and poultry owned per 100 households by size class of household operational holding.	26	50	73	102	120
TABLE (11) : Estimated number of agricultural machinery owned per 100 households by size class of household operational holding.	27	51	77	103	129
TABLE (12) : Estimated number of agricultural machinery per 100 hectares of operated area and area operated per tractor by size class of household operational holding.	29	53	79	105	131
TABLE (13) : Percentage of households reporting pumps and ploughs by size class of household operational holding.	30	54	80	106	132
TABLE (14) : Estimated number of non-farm business equipments owned per 100 households by size class of household operational holding.	x	55	81	107	133

x : This table is dropped as the data collected for urban and rural sectors are different and not amenable for pooling.

LIST OF TABLES (CONTD.)

Description of table	Vol.I: State tables			Vol.II: Region tables(Bural)	
	Urban & Rural	Urban	Rural	Region No. 1	2
TABLE (15) : Estimated number of transport equipments owned per 100 households by size class of household operational holding.	31	50	33	109	135
TABLE (16) : Percentage of shares of value of owned (i) cattle (ii) buffaloes (iii) other livestock (iv) agricultural machinery (v) non-farm business equipments (vi) transport equipment in the total value of all the six asset groups by size class of household operational holding.	32	57	34	110	136
TABLE (17) : Estimated number of operational holdings and area operated by size class of operational holding.	33	53	35	111	137
TABLE (18) : Percentage and cumulative percentage distribution of operational holding, and area operated by size class of operational holding.	34	59	36	112	138

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LIST OF TABLES (CONTD.)

Description of table	Vol.I: State tables			Vol.II: Region tables (Rural)	
	Urban & Rural	Urban	Rural	Region No. 1	2
Page Number					
TABLE (19) : Percentage of holdings reporting owned areas and those reporting leased in areas and percentage of operated area owned and leased in under different terms of leasing in by size class of operational holding.	25	60	97	113	139
TABLE (20) : Percentage of individual and joint operational holdings and their percentage shares of area operated by size class of operational holding,	37	62	89	115	141
TABLE (21) : Average number of attached farm workers per operational holding (reporting) for different major agricultural seasons by size class of operational holding.	38	63	90	116	142

<u>ACRES</u>	<u>SIZE CLASS OF HOLDING</u>			<u>CODES</u>
	<u>HECTARES</u>			
	O Landless/operating no land			0
0.01 - 0.20	0.002 - 0.20			1
0.50 - 0.99	0.21 - 0.40			2
1.00 - 1.24	0.41 - 0.50			3
1.25 - 2.40	0.51 - 1.00			4
2.50 - 4.00	1.01 - 2.02			5
5.00 - 7.40	2.03 - 3.03			6
7.50 - 9.00	3.04 - 4.04			7
10.00 - 12.49	4.05 - 5.05			8
12.50 - 14.00	5.06 - 6.07			9
15.00 - 19.00	6.00 - 8.09			10
20.00 - 24.00	8.10 - 10.12			11
25.00 - 29.00	10.13 - 12.14			12
30.00 - 49.00	12.15 - 20.24			13
50.00 & above	20.25 & above			14

O Households owning/operating land less than 0.002 hectares are included in size class 0.

O Households owning/operating land but not operating

Households owning land but not operating

** ** code 0.1

Households neither owning nor operating land

** ** code 0.2

TABLE (1) : ESTIMATED NUMBER OF HOUSEHOLDS, AREA OWNED AND HOUSEHOLD SIZE
BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING

State : Kerala

number of sample blocks & villages : 324

number of sample households : 2427

Urban & Rural

size class of household own- ership holding (code)	estimated number of households (00)			estimated area owned (00 ha/hares)			estimated household size		
	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)
0	5009	9632	7301	-	-	-	4.35	4.27	4.30
1	15184	13474	14329	1063	987	1025	5.07	5.59	5.09
2	3894	3637	3716	1090	1017	1054	6.43	6.63	6.52
3	1517	1563	1540	630	632	631	4.90	6.32	5.82
4	2727	3036	2931	1050	2157	2054	6.69	6.66	6.35
5	1720	2240	2038	2446	3271	2053	7.52	6.06	6.68
6	635	679	582	1430	1376	1406	7.73	7.13	7.43
7	279	291	225	937	1002	905	7.81	7.37	7.79
8	103	80	96	460	393	426	9.03	8.14	9.00
9	31	69	76	445	383	414	8.90	9.33	9.08
10	74	47	60	521	311	416	10.65	8.17	9.77
11	16	6	11	180	60	105	11.00	6.50	10.30
12	16	6	11	164	65	114	12.06	7.50	10.02
13	6	40	8	90	190	140	4.67	7.20	6.25
14	5	-	2	131	-	66	13.00	-	13.00
all sizes	31204	24590	32037	11615	11093	11754	5.95	5.46	5.60

**Table (2) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS
AND OF AREA OWNED BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING**

State : Kerala

Urban & Rural

Number sample households : 324

Number of sample blocks & villages : 324

Number of sample households : 2427

Number of sample households : 2427

Size class of household ownership holding (code) (1)	Average area owned by household (hectares) (2)	Percentage of households		Cumulative percentage of households area owned	
		households	area owned	households	area owned
0	-	22.16	-	22.16	-
1	0.07	43.51	0.72	65.67	0.72
2	0.28	11.20	0.07	76.95	17.09
3	0.44	4.68	5.00	81.93	23.49
4	0.71	0.76	17.48	90.33	40.97
5	1.40	0.10	24.31	96.57	65.20
6	2.42	1.77	11.96	90.34	77.24
7	3.49	0.07	0.40	90.21	86.70
8	4.44	0.29	3.82	90.50	89.32
9	5.52	0.23	3.52	90.73	92.04
10	6.93	0.18	3.54	90.91	96.35
11	9.54	0.03	0.90	90.94	97.28
12	10.96	0.03	0.97	90.97	98.25
13	17.50	0.02	1.19	90.99	99.44
14	26.20	0.01	0.56	100.00	100.00
All sizes	0.36	100.00	100.00		
Estimated no. of households (00)	x	32037	x		
Estimated area owned (00 hectares)	x	x	11754		
Average area owned by rural sample households (hectares)	0.46				

TABLE (3) PERCENTAGE OF HOUSEHOLDS LEASING OUT LAND UNDER DIFFERENT TERMS TO ALL HOUSEHOLDS OWNING LAND AND PERCENTAGE OF AREA LEASED OUT TO AREA OWNED BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING.

State : Kerala

number of sample blocks & villages : 324

Urban & Rural
number of sample households : 2427

size class of household ownership holding (code)	estimat-ed no.-of house-holds(00)	percentage of households leasing out land				estima-ted area owned(00) hectares)	percentage of owned area leased out			
		under usufri- tuary basis	on crop sharing	on other terms	under my term		under usufri- tuary mort- gage	on crop sharing	on other terms	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	14320	0.77	0.36	2.50	3.43	1025	0.51	0.32	2.01	2.34
2	3716	4.44	0.30	2.07	6.39	1054	1.04	0.19	0.61	1.34
3	1542	3.31	-	6.35	9.34	681	1.07	-	2.08	3.15
4	2081	2.60	2.70	3.96	13.00	2054	0.85	1.34	3.13	5.02
5	2038	3.33	2.50	4.66	10.35	2050	0.85	0.65	1.49	2.99
6	582	1.03	2.50	15.64	16.04	1406	0.29	0.35	2.06	3.60
7	205	1.05	2.10	6.32	8.92	905	0.12	0.32	1.14	1.53
8	96	3.12	-	2.00	5.20	426	1.05	-	0.19	1.24
9	75	0.00	4.00	10.86	26.07	414	0.50	0.20	4.00	4.78
10	60	-	-	20.00	20.00	416	-	-	2.14	2.14
11	11	-	27.27	27.27	54.34	105	-	16.54	1.35	17.89
12	11	-	-	-	-	114	-	-	-	-
13	8	-	-	-	-	140	-	-	-	-
14	2	-	-	-	-	60	-	-	-	-
all sizes	25636	1.04	0.87	3.89	6.46	11754	0.61	0.66	1.04	3.21

TABLE (4) PERCENTAGE OF HOUSEHOLDS LEASING IN LAND UNDER DIFFERENT TERMS TO ALL HOUSEHOLDS OWNING LAND AND PERCENTAGE OF AREA LEASED IN TO AREA OWNED BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING

State : Kerala

number of sample blocks & villages : 324

Urban & Rural

number of sample households : 2427

size class of household ownership holding (code)	estima- ted num- ber of house- holds (00)	percentage of households leasing in land						estima- ted area (00' hect- ares)	percentage of area leased in					
		for fixed money pro- duce	for share due	for under use of prop- erty	on mort- gage	under any other terms	for fixed money pro- duce		for fixed money pro- duce	for share due	for under use of prop- erty	on mort- gage	total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0	7301	6.77	1.94	0.12	1.00	33.08	41.40	-	17	80	5	17	175	204
1	14329	1.70	2.33	0.68	0.37	2.47	7.47	1025	2.04	1.34	2.60	0.12	3.87	16.77
2	3716	1.53	1.73	0.70	0.08	3.39	7.26	1054	1.42	4.90	0.59	0.04	3.23	10.37
3	1542	4.93	1.69	-	0.91	2.79	10.32	631	0.71	3.32	-	0.48	0.09	5.40
4	2331	2.15	7.08	3.12	1.46	5.03	18.93	2054	1.44	5.10	1.26	0.24	1.34	9.33
5	2030	2.11	5.10	1.32	0.54	3.68	11.63	2358	0.44	1.02	0.34	0.11	1.78	4.59
6	592	3.00	2.40	1.37	1.03	5.15	12.20	1406	0.29	0.72	0.12	0.12	1.17	2.42
7	235	2.01	4.56	1.05	-	6.32	13.33	985	0.53	1.14	0.33	-	1.26	3.26
8	96	5.20	2.08	-	-	6.25	10.42	426	1.33	0.48	-	-	1.52	3.33
9	75	6.67	2.67	-	-	2.67	10.67	414	1.07	0.10	-	-	0.50	1.76
10	60	5.00	3.33	-	5.00	6.67	20.00	416	0.29	0.30	-	0.10	0.39	1.17
11	11	-	-	-	-	-	-	105	-	-	-	-	-	-
12	11	-	-	-	-	-	-	114	-	-	-	-	-	-
13	8	75.00	-	-	-	-	-	75.00	140	4.05	-	-	-	4.05
14	2	-	-	-	-	-	-	60	-	-	-	-	-	-
all sizes	32937	3.10	2.98	0.90	0.62	9.04	16.50	11754	1.15	3.53	0.37	0.27	3.16	8.82

* For the size classes 0) and less, actual area has been recorded in cols. 10 to 15 instead of percentages.

(5) : ESTIMATED NUMBER OF HOUSEHOLDS, AREA OPERATED AND HOUSEHOLD SIZE BY
SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State → Kerala

number of sample blocks & villages : 324

Urban & Rural

number of sample household:
2427

size class of household operational holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated household size		
	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	5670	8297	6984	-	-	-	4.64	4.32	4.45
0.1	1420	1053	1237	-	-	-	-	-	-
0.2	4250	7244	5747	-	-	-	-	-	-
1	14384	14044	14214	1074	1077	1076	5.89	5.39	5.64
2	4063	3950	4006	1147	1182	1165	6.38	6.58	6.48
3	1377	1449	1413	617	640	629	5.09	6.11	5.61
4	2719	3175	2947	1988	2204	2096	6.68	5.70	6.15
5	1864	2465	2164	2633	3492	3062	7.47	6.15	6.72
6	609	639	624	1491	1517	1504	7.80	7.42	7.60
7	280	312	296	985	1076	1030	7.68	7.81	7.75
8	98	120	109	439	538	488	9.63	7.62	8.52
9	109	59	84	590	322	456	9.58	9.93	9.70
10	68	64	66	489	430	459	10.51	8.12	9.36
11	16	-	08	148	-	74	11.88	-	11.88
12	16	6	11	164	65	115	12.06	7.50	10.82
13	6	4	5	97	61	79	4.67	5.25	4.80
14	5	6	6	131	134	133	13.80	8.50	10.00
all sizes	31284	34590	32937	11993	12738	12366	5.95	5.46	5.69

TABLE (6) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS AND OF
AREA OPERATED BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State: Kerala
number of sample blocks & villages : 324

Urban & Rural
number of sample households: 2427

size class of household operational holding (code)	average area operated by household (hectares)	percentage of households	area operated	cumulative percentage of households	cumulative percentage of area operated
(1)	(2)	(3)	(4)	(5)	(6)
0	-	21.20	-	21.20	-
1	0.08	43.16	8.70	64.36	8.70
2	0.29	12.16	9.42	76.52	18.12
3	0.45	4.29	5.09	80.81	23.21
4	0.71	8.95	16.95	89.76	40.16
5	1.42	6.57	24.77	96.33	64.93
6	2.41	1.89	12.16	98.22	77.09
7	3.13	0.90	8.33	99.12	85.42
8	4.48	0.33	3.95	99.45	89.37
9	5.43	0.26	3.69	99.71	93.06
10	6.06	0.20	3.71	99.91	96.77
11	5.25	0.02	0.60	99.93	97.37
12	10.46	0.03	0.92	99.96	98.29
13	15.80	0.02	0.64	99.98	98.93
14	22.17	0.02	0.04	100.00	100.00
all sizes	0.38	100.00	100.00	100.00	
estimated number of household (00)	x	32937	x		
estimated area operated (00 hectares)	x	x	12366		
average area operated by land operating households (hectares)	0.48	x	x		

TABLE (7) : ESTIMATED NUMBER OF OWNED CATTLE & OWNED BUFFALOES
PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State: Kerala
number of sample blocks & villages : 324
Urban & Rural
number of sample households: 2427

size class of household operational holding (code)	number of cattle owned per 100 households								total	
	male over 3 years			females over 3 years			young stock			
	working	others	sub-total	in milk	others	sub-total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
0	0.43	0.17	0.60	1.42	2.30	3.72	3.09	7.41		
1	1.37	0.75	2.12	6.27	9.06	15.33	14.36	31.81		
2	12.63	2.60	15.23	19.17	24.39	43.46	29.63	80.32		
3	4.32	0.64	4.96	25.26	37.58	62.84	47.91	115.71		
4	16.22	3.19	19.41	27.59	36.27	63.86	43.88	127.15		
5	37.34	1.66	39.00	33.04	41.64	74.68	58.69	172.37		
6	67.95	5.45	73.40	61.06	60.90	121.96	84.77	280.13		
7	96.28	4.73	101.01	59.46	74.32	133.78	79.06	313.05		
8	125.69	4.59	130.28	66.06	83.48	149.54	122.93	402.75		
9	114.28	-	114.28	100.00	113.10	213.10	169.05	496.43		
10	172.73	-	172.73	96.97	118.10	215.15	156.06	543.94		
11	137.50	-	137.50	100.00	300.00	400.00	100.00	637.50		
12	90.91	-	90.91	127.27	-	127.27	127.27	345.45		
13	200.00	-	200.00	200.00	30.00	230.00	200.00	680.00		
14	166.67	-	166.67	33.33	50.00	83.33	133.33	383.33		
all sizes	9.64	1.26	10.90	13.52	17.66	31.18	23.89	65.97		

TABLE (7) CONTD. : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOS WITH DIFFERENT
CLASSIFICATION PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL
HOLDING

State : Kerala

number of sample blocks & villages : 324

Urban & Rural
number of sample households : 2427

size class of household operational holding (code)	no. of buffaloes owned per 100 households						young stock	total	no. of cattle and buffaloes per 100 households (0.00)
	males over 3 years	females over 3 years	in milk	others	sub-total				
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	-	-	-	0.27	0.62	0.89	-	0.89	8.30
1	1.14	-	1.14	0.73	0.82	1.60	1.05	3.79	36.80
2	4.34	-	4.34	-	0.97	0.97	-	5.31	93.63
3	0.99	-	0.99	3.39	0.64	4.03	-	5.02	120.73
4	3.56	-	3.56	2.68	4.38	7.06	4.07	14.69	143.04
5	31.39	0.74	32.12	3.70	2.40	6.10	3.23	41.45	213.82
6	54.00	-	54.00	6.57	4.17	10.74	5.77	71.31	351.44
7	54.05	-	54.05	4.05	3.38	7.43	3.38	64.86	373.71
8	94.40	3.67	98.07	9.17	10.35	27.52	6.42	122.01	524.76
9	151.19	-	151.19	9.52	15.48	25.00	3.57	179.76	676.19
10	169.70	-	169.70	-	15.15	15.15	3.03	187.88	731.02
11	200.00	37.50	237.50	-	75.00	75.00	-	312.50	950.00
12	54.54	-	54.54	-	-	-	-	54.54	399.98
13	120.00	-	120.00	30.00	200.00	340.00	80.00	540.00	1220.00
14	200.00	-	200.00	-	-	-	-	200.00	500.00
All sizes	6.09	0.07	6.16	1.25	1.43	2.73	1.22	10.11	76.00

TABLE (8) : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HECTARES OF OPERATED AREA BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample blocks & villages : 324

Urban & Rural

number of sample households : 2427

size class of household operational holding (code)	no. of cattle owned per 100 hectares of operated area						young stock	total		
	males over 3 years			females over 3 years						
	working	others	sub-total	in milk	others	sub-total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
0	.30	.12	.42	.99	1.61	2.60	216	512		
1	13.04	9.93	27.97	82.80	119.70	202.50	189.77	420.24		
2	43.46	8.92	52.38	65.93	83.54	149.47	101.90	303.75		
3	9.69	1.43	11.12	56.76	84.43	141.19	107.66	259.97		
4	22.31	4.47	27.28	38.77	51.00	89.77	61.68	178.73		
5	26.39	1.19	27.58	23.35	29.43	52.78	41.46	121.82		
6	23.19	2.25	30.44	25.33	25.20	50.61	35.19	116.24		
7	27.68	1.36	29.04	17.10	21.37	38.47	22.73	90.24		
8	20.02	1.01	29.03	14.73	18.61	33.34	27.40	89.37		
9	21.03	-	21.03	10.41	20.01	39.22	31.11	91.36		
10	24.83	-	24.83	13.94	17.00	30.04	22.44	78.21		
11	14.05	-	14.05	10.30	32.39	43.19	10.30	68.34		
12	8.77	-	8.77	12.26	-	12.26	12.26	33.20		
13	12.60	-	12.60	12.60	5.04	17.64	12.60	42.04		
14	7.54	-	7.54	1.51	2.25	3.76	6.03	17.33		
all sizes	25.37	3.76	29.03	36.03	47.05	83.08	63.60	175.71		

* For size class 0 (operating no land) actual number of cattle/buffaloes has been recorded in columns 2 - 9 instead of number per 100 hectares of operated area.

TABLE (8) CONTD. : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HECTARES OF OPERATED AREA, BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

number of sample blocks & villages : 324

Urban & Rural

number of sample households : 2427

size class of household operational holding (code)	number of buffaloes owned per 100 hectares of operated area						young stock	total	number of cattle and buffaloes owned per 100 hectares of operated area col.(9) + col.(17)
	males over 3 years			females over 3 years					
	working	others	sub-total	in milk	others	sub-total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	-	-	-	19	43	32	-	62	580
1	15.05	-	15.05	10.33	10.77	21.10	13.94	50.09	470.33
2	14.92	-	14.92	-	3.36	3.36	-	18.28	322.03
3	2.22	-	2.22	7.64	1.43	9.07	-	11.29	271.26
4	5.02	-	5.02	3.78	6.13	9.91	5.73	20.66	199.39
5	22.16	0.52	22.68	2.62	1.70	14.32	2.30	29.30	151.12
6	22.73	-	22.73	2.72	1.73	4.45	2.40	29.58	145.82
7	15.54	-	15.54	1.16	0.96	2.12	0.96	18.62	108.86
8	18.33	0.82	19.15	2.03	4.10	6.13	1.43	27.21	116.93
9	27.82	-	27.82	1.75	2.84	4.59	0.64	33.06	124.41
10	24.39	-	24.39	-	2.17	2.17	0.44	27.00	105.21
11	21.00	4.06	25.06	-	8.10	8.10	-	33.75	102.59
12	5.26	-	5.26	-	-	-	-	5.26	38.55
13	7.56	-	7.56	5.04	16.38	21.42	5.04	34.02	76.36
14	9.04	-	9.04	-	-	-	-	9.04	26.37
all sizes	16.21	0.20	16.41	3.34	3.93	7.27	3.26	26.04	202.66

For size class 0 (operating no land) actual number of cattle/buffaloes has been recorded in columns 10-18 instead of number per 100 hectares of operated area.

TABLE (9) : PERCENTAGE OF HOUSEHOLDS NOT HAVING WORKING CATTLE AND BUFFALOES IN SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample blocks & villages : 324

Urban & Rur

number of sample households : 2427

size class of household operational holding (code)	number of households	percentage of households not having working animals		percentage of households not having any working cattle or buffaloes
		cattle	buffaloes	
(1)	(2)	(3)	(4)	(5)
0	6002	99.90	100.00	99.87
1	14214	99.99	99.15	98.23
2	4006	93.20	97.35	91.06
3	1413	97.50	99.50	97.10
4	2947	90.94	97.66	88.73
5	2184	79.76	86.17	65.87
6	624	65.70	73.04	50.32
7	296	56.42	60.74	44.50
8	109	51.38	71.56	33.53
9	84	57.14	59.52	32.14
10	66	54.55	53.03	33.33
11	8	75.00	37.50	-
12	11	54.55	72.73	27.27
13	5	-	-	-
14	6	50.00	-	-
all sizes	32037	95.00	97.23	92.69

TABLE (10) : ESTIMATED NUMBER OF LIVESTOCK (OTHER THAN CATTLE AND BUFFALOS) AND POULTRY OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample blocks & villages : 394

Urban & Rural

number of sample households : 2427

size class of households operational holding (code)	number owned per 100 households									(10)
	sheep	goats	horses & ponies	mules	donkeys	oxen	other drought animals	pigs		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
0	-	9.07	-	-	-	-	-	0.34	72.27	
1	-	23.05	-	-	-	-	-	-	-	191.94
2	-	40.01	-	-	-	-	-	2.10	520.19	
3	0.50	50.53	-	-	-	-	-	0.42	127.39	
4	0.30	24.09	-	-	-	-	-	4.17	313.34	
5	-	55.04	-	-	-	-	-	4.20	345.56	
6	-	66.09	-	-	-	-	-	7.21	469.55	
7	2.03	65.54	-	-	-	-	-	8.78	530.40	
8	-	77.00	-	-	-	-	-	9.17	1214.68	
9	-	176.19	-	-	-	-	-	16.67	711.90	
10	-	36.36	-	-	-	-	-	0.09	566.67	
11	-	75.00	-	-	-	-	-	-	375.00	
12	-	163.63	-	-	-	-	-	54.54	1245.45	
13	-	-	-	-	-	-	-	-	3380.00	
14	-	233.63	-	-	-	-	-	-	664.06	
all sizes	0.07	26.03	-	-	-	-	-	1.32	239.53	

TABLE (11) : ESTIMATED NUMBER OF AGRICULTURAL MACHINERY OWNED
PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD
OPERATIONAL HOLDING UNDER DIFFERENT ITEMS "BREAK"

State : Kerala

number of sample blocks & villages : 324

Urban & Rural
number of sample households : 2422

size class of household operational holding (code)	number of agricultural machinery owned per 100 households											
	1	2	3	4	5	6	7	8	9	10	11	12
0	0.43	0.08	-	-	-	-	-	-	-	-	-	-
1	0.46	0.39	-	-	-	-	-	-	-	-	-	-
2.	8.49	-	-	-	-	-	-	-	-	-	-	-
3.	11.32	0.64	2.97	-	-	-	-	-	-	-	-	-
4.	28.78	1.12	2.51	0.24	0.51	0.54	-	-	-	-	-	-
5.	81.98	6.65	5.18	0.74	2.22	1.57	-	-	-	-	-	-
6.	136.70	15.70	9.62	-	7.37	3.20	-	-	-	-	-	-
7.	189.19	6.42	11.49	-	12.16	-	-	-	0.68	-	-	-
8.	216.51	11.01	10.09	-	20.18	2.75	-	-	-	-	-	-
9.	310.71	16.67	7.14	-	13.33	-	-	-	-	-	-	-
10.	334.85	-	3.03	-	24.24	-	-	-	-	-	3.03	-
11.	162.50	-	-	-	75.00	-	-	-	-	-	-	-
12.	145.45	-	45.45	-	54.54	-	-	27.27	-	-	-	-
13.	120.00	-	120.00	-	-	-	-	-	-	-	40.00	-
14.	516.67	33.33	-	-	50.00	-	-	-	-	-	-	-
all size	16.44	1.19	1.07	0.07	0.69	0.22	0.01	0.01	-	0.01	-	-

TABLE (II) CONTD. ESTIMATED NUMBER OF AGRICULTURAL MACHINERY OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

Number of sample blocks & villages : 324

Urban & Rural
number of sample households : 2427

size class of household operational holding (code)	number of agricultural machinery owned per 100 households								others*
	DUMPS				cane crushers		oil crushers		
1	13	14	15	16	17	18	19	20	
0	-	-	-	-	-	-	-	-	14.29
1.	-	-	-	-	0.09	-	-	-	734.70
2.	-	0.30	-	-	-	-	-	-	209.88
3.	-	0.50	-	-	-	-	-	-	162.63
4.	-	0.54	2.51	4.41	-	0.30	-	-	226.47
5.	0.28	1.76	2.40	0.55	0.14	0.28	-	-	350.55
6.	0.48	5.61	8.17	9.13	0.48	-	-	-	432.31
7.	-	11.49	12.16	2.70	-	0.68	-	-	496.96
8.	-	8.50	12.84	1.83	-	-	-	-	854.13
9.	-	-	11.90	7.14	-	-	-	-	957.14
10.	-	4.54	27.27	6.96	-	-	-	-	772.73
11.	-	100.00	75.00	-	-	-	-	-	450.00
12.	-	-	-	-	-	-	-	-	345.45
13.	-	40.00	160.00	-	-	-	-	-	840.00
14.	-	-	-	-	-	-	-	-	1233.33
all sizes	0.03	0.49	0.82	0.63	0.02	0.05	-	-	130.69

TABLE (12): ESTIMATED NUMBER OF AGRICULTURAL MACHINERY PER 100 HECTARES OF OPERATED AREA
 & AREA OPERATED PER TRACTOR BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala
 number of sample blocks & villages 324

Urban & Rural
 number of sample households 2427

Size class of household operational holding (code)	estimated no. of agricultural machinery per 100 hectares of operated area					estimated area operated per tractor (0.00 hectares)					all	
	ploughs		harrow	seed	drills	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 & above h.p.	not available	(10)	(11)
	wooden	iron										
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
1.	6.04	5.21	-	-	-	-	-	-	-	-	-	-
2.	29.18	-	-	-	-	-	-	-	-	-	-	-
3.	25.43	1.43	6.67	-	-	-	-	-	-	-	-	-
4.	40.44	1.58	3.53	0.36	-	-	-	-	-	-	-	-
5.	57.94	4.70	3.66	0.52	-	-	-	-	-	-	-	-
6.	65.72	6.52	3.98	-	-	-	-	-	-	-	-	-
7.	54.42	1.85	3.31	-	-	4.25	-	-	-	-	-	4.25
8.	40.36	2.45	2.25	-	-	-	-	-	-	-	-	-
9.	57.24	3.07	1.31	-	-	-	-	-	-	-	-	-
10.	40.15	-	0.44	-	-	-	-	-	0.50	-	-	0.50
11.	17.57	-	-	-	-	-	-	-	-	-	-	-
12.	13.91	-	4.37	-	-	10.79	-	-	-	-	-	10.79
13.	7.59	-	7.59	-	-	-	-	-	15.00	-	-	15.30
14.	23.31	1.51	-	-	-	-	-	-	-	-	-	-
all sizes	43.78	3.15	2.84	0.20	-	10.79	4.25	-	11.94	-	-	9.85

TABLE (13) : PERCENTAGE OF HOUSEHOLDS REPORTING PUMPS AND PLOUGHES BY SIZE CLASS
OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample blocks & villages: 324

Urban & Rural

number of sample households: 2425

size class of household operational holding (code)	number of households (no.)	percentage of household's reporting						
		ploughs	neither wooden nor iron	wooden plough	pumps	electric	diesel	other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
0.	6984	0.21	0.09	99.70	-	-	-	-
1.	14214	0.46	0.40	99.14	-	-	-	0.09
2.	4006	10.93	-	89.02	0.30	-	-	-
3.	1413	6.79	0.64	93.21	0.50	-	-	-
4.	2947	19.04	1.12	80.96	0.54	2.51	0.20	-
5.	2164	44.32	5.08	55.00	1.66	2.40	0.65	-
6.	624	54.65	8.97	43.43	5.61	7.21	4.33	-
7.	296	70.27	4.73	33.44	10.14	10.14	2.70	-
8.	109	70.64	3.50	27.36	5.50	11.01	3.67	-
9.	84	76.19	3.57	21.43	-	14.20	7.11	-
10.	65	74.24	-	25.76	4.54	27.27	6.06	-
11.	0	75.00	-	25.00	37.50	75.00	-	-
12.	11	54.54	-	45.46	-	-	-	-
13.	5	60.00	-	40.00	40.00	60.00	-	-
14.	6	100.00	33.33	-	-	-	-	-
all sizes	32937	0.79	0.90	90.90	0.46	0.76	0.43	-

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**TABLE (15) : ESTIMATED NUMBER OF TRANSPORT EQUIPMENTS OWNED PER 100 HOUSEHOLDS
BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING**

State : Kerala

number of sample blocks & villages : 324

number of sample households: 2427

Urban & Rural

size class of household operational holding (code)	number of transport equipments owned per 100 households						other transport equipments
	Bicycle	Motor cars	Trucks/ lorries	Buses	Motor cycles/ scooters	(7)	
(1)	(2)	(3)	(4)	(5)	(6)		
0	4.25	-	0.39	0.57	0.20		2.05
1	4.22	-	-	-	-		6.11
2	4.29	1.92	-	-	0.30		2.02
3	5.45	-	-	-	-		6.02
4	7.60	0.71	-	-	-		2.31
5	6.15	0.83	0.14	-	1.25		3.74
6	7.69	3.20	0.96	-	2.40		3.85
7	6.42	2.70	-	-	1.01		13.18
8	5.50	5.50	-	-	-		10.09
9	7.14	3.57	-	-	-		-
10	18.18	-	-	-	18.18		36.36
11	75.00	-	-	-	37.50		75.00
12	-	-	-	-	-		-
13	160.00	160.00	-	-	-		100.00
14	16.66	-	-	-	-		-
all sizes	4.88	0.49	0.11	0.12	0.26		2.54

TABLE (16) : PERCENTAGE OF SHARES OF VALUE OF OWNED (i) CATTLE, (ii) BUFFALOES, (iii) OTHER LIVESTOCK (iv) AGRICULTURAL MACHINERY (v) NON-FARM BUSINESS EQUIPMENTS, (vi) TRANSPORT EQUIPMENTS IN THE TOTAL VALUE OF ALL THE SIX ASSET GROUPS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Urban & Rural

number of sample blocks & villages: 324

number of sample households: 2427

size class of household operational holding (code)	total value of six asset groups (Rs.00)	value of assets per 100 households(Rs.00)	value of assets per 100 hectares of operated area (Rs.00)	percentage shares of value of owned					
				cattle leases	buffaloes	other live-stock	agricultural machinery	non-farm business equipments	transport equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	4279604	61277	4279604*	1.42	0.52	1.18	0.44	32.69	63.75
1	1771443	12463	164632	27.02	5.74	13.35	4.55	42.47	6.87
2	2068483	52134	179269	25.54	1.19	6.38	3.30	19.63	43.96
3	713136	50470	113376	26.38	2.48	5.59	3.29	55.62	6.64
4	1664111	56468	79395	26.05	5.49	4.08	35.01	10.60	17.97
5	1440014	66914	47290	35.56	12.10	9.12	18.73	3.69	20.80
6	1430970	230605	95677	18.69	6.08	2.23	15.72	11.80	45.40
7	959421	324129	93148	16.10	4.63	1.64	10.34	46.86	12.41
8	240103	220270	49201	27.09	12.99	4.50	26.01	4.24	24.37
9	253601	302001	55632	19.60	13.13	3.04	19.35	24.22	20.50
10	291267	441314	63457	18.01	6.90	1.10	44.26	7.33	20.40
11	107710	1346475	145565	10.49	3.56	0.72	26.82	-	56.41
12	44102	401654	30419	19.01	3.10	3.31	43.19	30.51	-
13	416440	0320000	527139	1.47	1.03	0.17	16.34	55.67	25.32
14	7008	110133	5329	37.36	30.84	26.85	16.01	-	6.91
all sizes	15723669	47739	127152	17.99	4.34	4.66	11.59	26.36	35.16

* For the size class 0 actual value of asset (Rs.00) is recorded in col. 4 instead of value of asset per 100 hectares of operated area.

TABLE (17) : ESTIMATED NUMBER OF OPERATIONAL HOLDINGS AND AREA OPERATED IN SIZE CLASS OF
OPERATIONAL HOLDING

State: Kerala number of sample blocks & villages : 324 size class of operational holding (code)	Urban & Rural number of sample households: 2427					
	estimated number of operational holdings (00)			estimated area operated (00 hectares)		
	sub-sample 1 (1)	sub-sample 2 (2)	combined (3)	sub-sample 1 (5)	sub-sample 2 (6)	combined (7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	14363	14046	14214	1074	1077	1076
2	4063	3949	4006	1147	1182	1165
3	1377	1449	1413	617	640	629
4	2719	3173	2947	1988	2204	2096
5	1064	2484	2174	2633	3492	3062
6	609	645	627	1491	1617	1504
7	280	319	300	985	1076	1030
8	98	120	109	439	530	488
9	109	59	84	590	322	456
10	68	64	66	409	430	459
11	16	-	0	148	-	74
12	16	6	11	164	65	115
13	6	4	5	97	61	79
14	5	6	6	131	134	133
all sizes	25613	25326	25970	11993	12730	12366

TABLE (10) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF OPERATIONAL HOLDINGS AND AREA OPERATED BY SIZE CLASS OF OPERATIONAL HOLDING

State : Kerala

Urban & Rural

number of sample blocks & villages: 324

number of sample households: 2427

size class of operational holding (code)	average area of an operational holding (hectares)	percentage of operational holdings	area operated	cumulative percentage of operational holdings	cumulative percentage of area operated
(1)	(2)	(3)	(4)	(5)	(6)
1	0.00	54.75	0.70	54.75	0.70
2	0.29	15.42	9.42	70.17	18.12
3	0.45	5.44	5.09	75.61	23.21
4	0.71	11.35	16.95	86.96	40.16
5	1.41	0.37	24.77	95.33	64.93
6	2.40	2.41	12.16	97.74	77.09
7	3.43	1.16	0.33	98.90	85.42
8	4.48	0.42	3.95	99.32	99.37
9	5.43	0.32	3.69	99.64	99.06
10	6.96	0.25	3.71	99.89	96.77
11	9.25	0.03	0.60	99.92	97.37
12	10.45	0.04	0.92	99.96	98.29
13	15.00	0.02	0.64	99.98	98.93
14	22.17	0.02	1.07	100.00	100.00
all sizes	0.40	100.00	100.00		
estimated number of operational holding(00) x		25970	x		
estimated area operated(00) hectares) x	x	x	12366		

TABLE (19) : PERCENTAGE OF HOLDINGS REPORTING OWNED AREAS AND THOSE REPORTING LEASED IN AREAS AND PERCENTAGE OF OPERATED AREA OWNED AND LEASED IN UNDER DIFFERENT TERMS OF LEASING IN BY SIZE CLASS OF OPERATIONAL HOLDING

								Urban & Rural	
								number of sample households: 2427	
size class of operational holding (code)	estimated number of holdings (00)	owned area	percentage of holding reporting						under any term
			leased in roa	for fixed money	for fixed produce	for share of pro- duce	under usufru- ctuary mortgage	other terms	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	14214	98.90	1.90	1.91	0.53	0.37	11.57		16.18
2	4006	97.75	3.00	3.72	2.10	1.05	7.71		17.57
3	1413	99.01	5.30	1.13	0.64	0.64	3.60		11.46
4	2947	90.20	1.56	0.31	2.61	2.2	7.94		22.53
5	2174	96.64	4.37	10.50	2.16	0.51	5.09		22.91
6	627	100.00	3.10	11.00	1.59	1.59	7.34		24.72
7	300	230.67	4.00	6.67	-	1.00	6.00		18.00
8	109	100.00	2.75	12.04	2.75	-	14.68		33.03
9	64	100.00	7.14	9.52	-	3.57	11.90		30.95
10	66	100.00	12.12	12.12	-	3.05	12.12		39.59
11	0	100.00	-	-	*	-	*		-
12	11	100.00	-	-	*	-	*		-
13	5	100.00	60.00	-	*	*	*		60.00
14	6	100.00	50.00	-	*	*	*		-
all sizes	25970	93.03	2.55	3.97	1.17	0.00	9.49		17.82

0.76

TABLE (19) CONTD : PERCENTAGE OF HOLDINGS REPORTING OWNED AREAS AND THOSE REPORTING LEASED IN AREAS AND PERCENTAGE OF OPERATED AREA OWNED AND LEASED IN UNDER DIFFERENT TERMS OF LEASING BY SIZE CLASS OF OPERATION & HOLDING

State : Kerala

Urban & Rural

number of sample blocks & villages : 324

number of sample households : 2427

size class of operational holding (code)	estimated area operated (in hectares)	owned	percentage of operated area leased in						other terms	total
			for fixed money	for fixed produce	for share of produce	under usufructuary mortgage				
			(12)	(13)	(14)	(15)	(16)	(17)		
1	1076	97.70	0.67	2.10	0.37	0.37	0.71	12.30		
2	1165	91.17	1.32	1.91	1.53	0.73	3.34	3.93		
3	629	96.14	0.90	1.03	0.26	0.13	1.54	3.86		
4	2096	91.00	0.43	3.92	1.09	0.54	3.02	9.00		
5	3062	90.85	1.29	4.63	0.82	0.16	2.25	9.15		
6	1504	91.98	1.20	4.53	0.23	0.11	1.95	8.02		
7	1030	94.50	1.51	1.91	-	0.09	1.91	5.42		
8	488	92.05	0.33	4.14	0.66	-	2.02	7.95		
9	456	97.41	1.24	5.76	-	0.00	5.51	12.59		
10	459	94.27	1.76	1.05	-	0.36	1.76	5.73		
11	74	100.00	-	-	-	-	-	-		
12	115	100.00	-	-	-	-	-	-		
13	79	95.42	4.50	-	-	-	-	4.50		
14	133	98.17	1.03	-	-	-	-	1.03		
all sizes	12366	91.66	1.06	3.39	0.63	0.27	2.99	8.34		

TABLE (20) , PERCENTAGE OF INDIVIDUAL AND JOINT OPERATIONAL HOLDINGS AND THEIR PERCENTAGE
SHARES OF AREA OPERATED IN SIZE CLASS OF OPERATIONAL HOLDING

State : Kerala

number of sample blocks & villages : 324

Urban & Rural
number of sample households 2427

size class of operational holding (code)	no. of operational holdings (00)	percentage of holdings		area operated (00 hectares)	percentage of area operated	
		individual	joint		individually	jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	14214	100.00	-	1076	100.00	-
2	4006	100.00	-	1165	100.00	-
3	1413	100.00	-	629	100.00	-
4	2947	100.00	-	2096	100.00	-
5	2174	100.00	-	3062	100.00	-
6	627	100.00	-	1504	100.00	-
7	300	100.00	-	1030	100.00	-
8	109	100.00	-	408	100.00	-
9	04	100.00	-	456	100.00	-
10	66	100.00	-	459	100.00	-
11	8	100.00	-	74	100.00	-
12	11	100.00	-	115	100.00	-
13	5	100.00	-	79	100.00	-
14	6	100.00	-	133	100.00	-
all sizes	25970	100.00	-	12366	100.00	-

TABLE (21) : AVERAGE NUMBER OF ATTACHED FARM WORKERS FOR OPERATIONAL HOLDING(REPORTING) FOR DIFFERENT MAJOR AGRICULTURAL SEASONS BY SIZE CLASS OF OPERATIONAL HOLDING

State : Kerala

number of sample blocks & villages : 324

Urban & Rural
number of sample households: 2427

size class of operational holding (code)	number of holdings (00)	percentage of holdings reporting attached farm workers	average number of farm workers per reporting holding during major crop season	average number of farm workers per reporting holding during major crop season				per capita
				(5)	(6)	(7)	(8)	
(1)	(2)	(3)	(4)					(9)
1	14214	0.06	1.32	-	-	-	-	1.32
2	4006	0.35	4.70	-	4.70	-	-	-
3	1413	0.64	2.00	-	2.00	-	-	-
4	2947	2.44	2.36	1.00	2.69	2.56	-	2.00
5	2174	9.02	2.51	3.74	2.22	4.17	1.00	1.91
6	627	15.47	2.62	2.55	2.77	2.17	-	1.67
7	300	26.67	2.16	2.00	2.19	-	-	2.00
8	109	35.78	3.79	2.00	3.70	12.67	-	2.67
9	84	42.06	2.92	4.90	2.47	-	-	1.56
10	66	40.91	2.59	3.00	2.64	-	-	2.00
11	3	37.50	21.33	-	-	21.33	-	-
12	11	54.54	4.67	4.67	-	-	-	-
13	5	40.00	4.00	-	4.00	-	-	-
14	6	50.00	7.33	-	7.33	-	-	-
all sizes	25970	2.72	2.52	3.04	2.62	5.02	1.00	1.54

ppw

TABLE (1) : ESTIMATED NUMBER OF HOUSEHOLDS, AREA OWNED AND HOUSEHOLD SIZE BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING.

State : Kerala

Urb

number of sample blocks : 144

number of sample households: 593

size class of household ownership holding (code)	estimated number of households (00)			estimated area owned (00 hectare)			estimated household size		
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	2515	4079	3297	-	-	-	4.60	3.93	4.18
1	3640	2953	3296	202	120	161	6.44	6.34	6.40
2	275	482	378	64	140	102	6.47	6.50	6.49
3	102	68	85	45	29	37	7.00	4.34	5.93
4	76	225	150	50	144	97	5.04	6.14	5.88
5	199	152	176	260	200	230	5.46	5.55	5.48
6	102	77	90	247	160	204	7.28	8.87	7.92
7	-	27	14	-	83	41	-	9.93	9.93
8	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-
10	23	-	12	151	-	76	14.78	-	14.78
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
Total sizes	6932	8063	7498	1019	876	948	5.78	5.13	5.43

TABLE (2) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS
AND OF AREA OWNED BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING

State : Kerala

number of sample blocks : 144

Urban

number of sample households : 593

size class of household ownership holding (code)	average area owned by household (hectares)	percentage of households	percentage area owned	cumulative percentage households	cumulative percentage area owned
(1)	(2)	(3)	(4)	(5)	(6)
0	--	43.97	--	43.97	--
1	0.05	43.96	16.99	87.93	16.99
2	0.27	5.04	10.76	92.97	27.75
3	0.44	1.13	3.93	94.10	31.60
4	0.65	2.00	10.25	96.10	41.93
5	1.31	2.35	24.25	98.45	66.10
6	2.26	1.20	21.40	99.65	87.66
7	3.07	0.19	4.36	99.84	92.02
8	--	--	--	--	--
9	--	--	--	--	--
10	6.31	0.16	7.93	100.00	100.00
11	--	--	--	--	--
12	--	--	--	--	--
13	--	--	--	--	--
14	--	--	--	100.00	100.00
all sizes	0.13	100.00	100.00		
estimated no. of households (00)	x	7490	x		
estimated area owned (00 hectares)	x	x	943		
average area owned by land owning households (hectares)	0.23	x	x		

TABLE (3) : PERCENTAGE OF HOUSEHOLDS LEASING OUT LAND UNDER DIFFERENT TERMS TO ALL
HOUSEHOLDS OWNING LAND AND PERCENTAGE OF AREA LEASED OUT TO AREA OWNED
BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING.

State : Kerala

number of sample blocks : 144

number of sample households : 593

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing out land					estimated area owned (00 hectares)	percentage of owned area leased out				
		under usu- fru- mortgage	on crop	on sharing	other	any term		under usu- fruct- basis	on crop	on sharing	other	total terms
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
1	396	0.82	0.39	2.61	3.79	161	0.75	0.50	2.01	3.26		
2	373	-	3.70	10.05	13.75	102	-	1.90	2.73	4.76		
3	85	-	-	15.29	15.29	37	-	-	15.22	15.22		
4	150	-	-	9.33	9.33	97	-	-	11.25	11.25		
5	176	-	7.39	14.20	21.59	230	-	2.29	6.59	8.00		
6	90	-	-	30.00	23.09	204	-	-	3.50	3.50		
7	14	-	-	-	-	41	-	-	-	-		
8	-	-	-	-	-	7	-	-	-	-		
9	-	-	-	-	-	-	-	-	-	-		
10	12	-	-	-	-	76	-	-	-	-		
11	-	-	-	-	-	-	-	-	-	-		
12	-	-	-	-	-	-	-	-	-	-		
13	-	-	-	-	-	-	-	-	-	-		
14	-	-	-	-	-	-	-	-	-	-		
all sizes	4201	0.64	0.95	4.03	6.30	940	0.13	0.35	4.69	5.67		

TABLE (4) : PERCENTAGE OF HOUSEHOLDS LEASING IN LAND UNDER DIFFERENT TERMS TO ALL
HOUSEHOLDS OWNING LAND AND PERCENTAGE OF AREA LEASED IN TO AREA OWNED
BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING

State : Kerala

number of sample blocks : 144

Urban

number of sample households : 593

size class of house- hold ownership holding (code)	estim- ated number of house- holds (OC)	percentage of households leasing in land						estim- ated area (00 hect- ares)	percentage of area leased in					
		for fixed money pro- duce	for fixed share of pro- duce	for usufru- ctuary mort- gage	under any term	on other terms	(9)		for fixed money pro- duce	for fixed share of pro- duce	for usufru- ctuary mort- gage	under any term	on other Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0.	3297	7.64	0.36	-	-	12.34	20.02	-	06	47	-	-	23	77
1.	3296	2.37	0.67	0.79	0.42	2.25	6.07	161	2.01	4.02	1.00	0.50	0.50	0.03
2.	370	-	-	-	-	6.03	6.03	102	-	-	-	-	3.97	3.97
3.	85	-	-	-	-	15.29	15.29	37	-	-	-	-	1.09	1.09
4.	150	-	9.33	8.67	-	-	17.33	97	-	1.67	3.75	-	-	5.42
5.	176	6.02	-	-	-	-	6.02	230	0.00	-	-	-	-	0.00
6.	90	-	-	-	-	-	-	204	-	-	-	-	-	-
7.	14	-	-	-	-	-	-	41	-	-	-	-	-	-
8.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.	12	-	-	-	-	-	-	76	-	-	-	-	-	-
11.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.	-	-	-	-	-	-	-	-	-	-	-	-	2.31	-
all sizes	7490	4.56	0.64	0.52	0.19	6.94	12.50	943	0.60	2.36	0.56	0.08	1.54	5.64

* For the size class 0 (landless) actual area has been recorded in cols. 10 to 15 instead of percentage

TABLE (5) : ESTIMATED NUMBER OF HOUSEHOLDS, AREA OPERATED AND HOUSEHOLD SIZE BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Urban

number of sample blocks : 144

number of sample households: 593

size class of household operational holding (code)	estimated number of households(00)			estimated area operated (00 hectares)			estimated household size		
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	3173	4039	4000	-	-	-	5.03	4.49	4.71
0.1	639	1053	372	-	-	-	-	-	-
0.2	2409	3734	3136	-	-	-	-	-	-
1	2902	2247	2614	190	125	150	6.30	5.93	6.16
2	297	431	364	75	124	100	6.72	5.37	6.21
3	53	95	74	24	43	34	10.42	6.21	7.72
4	71	225	143	43	145	94	5.37	6.61	6.31
5	226	122	174	200	177	232	5.62	4.93	5.30
6	102	77	90	232	153	195	7.26	6.07	7.92
7	-	27	14	-	03	41	-	9.93	9.93
8	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-
10	23	-	12	152	-	76	14.73	-	14.73
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	6932	8063	7498	1004	855	930	5.78	5.13	5.43

TABLE (6) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS AND
OF AREA OPERATED BY SIZES CLASS OF HOUSEHOLD OPERATIONAL HOLDING

Urban

State : Kerala

number of sample blocks : 144

number of sample households : 593

size class of household operational holding (code)	average area operated by household (hectares)	percentage of		cumulative percentage of	
		households	area operated	households	area operated
(1)	(2)	(3)	(4)	(5)	(6)
0	-	53.45	-	53.45	-
1	0.06	34.86	16.99	88.31	16.99
2	0.28	4.85	10.71	93.16	27.70
3	0.45	0.99	3.61	94.15	31.31
4	0.64	1.97	10.10	96.12	41.41
5	1.34	2.32	25.00	98.44	66.41
6	2.17	1.20	20.99	99.64	87.40
7	3.07	0.19	4.44	99.83	91.84
8	-	-	-	99.83	91.84
9	-	-	-	99.83	91.84
10	6.59	0.17	8.16	100.00	100.00
11	-	-	-	100.00	100.00
12	-	-	-	100.00	100.00
13	-	-	-	100.00	100.00
14	-	-	-	100.00	100.00
all sizes		0.12	100.00	100.00	
estimated number of households (00)	x	7498	x		
estimated area operated (00 hectares)	x	x	930		
average area operated by land operating households(hectares)	0.27	x	x		

TABLE (7) : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES IN THE DIFFERENT
PER 100 HOUSEHOLDS, BY SIZE CLASS OF HOUSEHOLD OPERATIONAL
HOLDING

State : Kerala

Urban

number of sample blocks : 144

number of sample households : 593

size class of household operational holding (code)	(1)	number (0.00) no. of cattle owned per 100 households								total stock	
		male over 3 years		females over 3 years		in milk		others			
		working	others	sub-total	in milk	others	sub-total	young			
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
0	-	-	-	1.32	1.27	2.59	0.65	3.29			
1	1.95	-	1.95	10.10	11.71	21.39	12.66	26.50			
2	-	-	-	20.33	46.70	67.03	35.16	102.19			
3	-	-	-	29.73	29.73	59.46	29.73	89.19			
4	14.86	-	14.86	7.57	44.59	52.16	57.43	134.45			
5	35.63	-	35.63	34.40	22.99	57.47	71.34	164.94			
6	24.44	-	24.44	92.22	57.73	150.00	52.22	226.66			
7	192.36	-	192.36	100.00	92.06	192.06	-	305.72			
8	-	-	-	-	-	-	-	-			
9	-	-	-	-	-	-	-	-			
10	103.33	-	103.33	100.00	83.33	203.33	191.67	653.33			
11	-	-	-	-	-	-	-	-			
12	-	-	-	-	-	-	-	-			
13	-	-	-	-	-	-	-	-			
14	-	-	-	-	-	-	-	-			
all sizes	2.75	-	2.75	3.14	9.91	16.05	10.40	31.28			

TABLE (7) CONTD. : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES IN DEM
DEVELOPING COUNTRIES PER 100 HOUSEHOLDS, BY SIZE CLASS OF
HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Urb.

number of sample blocks : 144

number of sample households : 5 93

size class of household operational holding (code)	no. of buffaloes owned per 100 households						young stock	total	no. of cattle and buffaloes per 100 households (0.00)
	males over 3 years working others	sub-total	females over 3 years in milk others	sub-total					
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	-	-	-	0.33	0.32	0.65	-	0.65	3.94
1	0.50	-	0.50	2.75	2.83	5.58	2.75	8.83	45.33
2	-	-	-	-	-	-	-	-	162.19
3	-	-	-	-	-	-	-	-	89.19
4	-	-	-	-	-	-	-	-	124.45
5	12.67	-	12.67	6.90	-	6.90	6.90	26.47	191.41
6	60.00	-	60.00	-	-	-	-	60.00	286.66
7	-	-	-	-	-	-	-	-	385.72
8	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-
10	383.33	-	383.33	-	-	-	-	383.33	1041.66
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	1.80	-	1.80	1.29	1.16	2.45	1.12	5.37	36.65

TABLE (C) : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HECTARES
OF OPERATED AREA BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Urban

number of sample blocks : 144

number of sample households : 593

size class of household operational holding (code)	number (0.00) of cattle owned per 100 hectares of operated area								total	
	males over 3 years			females over 3 years			young stock			
	working	others	sub-total	f: milk	others	sub-total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
0 *	-	-	-	53	51	104	26	131		
1	32.32	-	32.32	160.55	193.07	362.2	210.36	605.10		
2	-	-	-	74.33	170.77	245.10	128.57	373.67		
3	-	-	-	63.47	63.47	136.94	65.51	202.45		
4	23.42	-	23.42	26.59	69.26	95.85	90.54	209.01		
5	26.69	-	26.69	25.02	17.22	43.04	53.37	123.10		
6	11.27	-	11.27	42.55	26.66	69.21	24.09	104.57		
7	65.41	-	65.41	33.90	31.71	65.61	-	131.02		
8	-	-	-	-	-	-	-	-		
9	-	-	-	-	-	-	-	-		
10	29.06	-	29.06	15.86	29.06	44.92	29.06	103.04		
11	-	-	-	-	-	-	-	-		
12	-	-	-	-	-	-	-	-		
13	-	-	-	-	-	-	-	-		
14	-	-	-	-	-	-	-	-		
all sizes	22.16	-	22.16	65.65	79.96	145.61	04.50	252.35		

* For size class 0 (operating no land) actual number of cattle/buffaloes has been recorded in columns 2-9 instead of number per 100 hectares of operated area.

TABLE (3) CONTO : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 10² HECTARES
OF OPERATED AREA BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample blocks : 144

Urban
number of sample households: 593

size class of household operational holding (code)	number(0.00) of buffaloes owned per 100 hectares of operated area										no. of cattle and buffaloes owned per 100 hectares of operated area (0.00)
	males over 3 years			females over 3 years			young stock		total		
	working	others	sub-total	in milk	others	sub-total	in milk	others	sub-total		
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)		
0*	-	-	-	-	-	-	-	-	-	-	-
1	3.23	-	3.23	45.61	46.87	92.48	45.61	146.32	751.42		
2	-	-	-	-	-	-	-	-	-	373.67	
3	-	-	-	-	-	-	-	-	-	202.45	
4	-	-	-	-	-	-	-	-	-	209.31	
5	9.46	-	9.46	5.16	-	5.16	5.16	19.70	142.00		
6	27.60	-	27.60	-	-	-	-	-	27.60	132.25	
7	-	-	-	-	-	-	-	-	-	131.02	
8	-	-	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	-	-	
10	60.	-	60.79	-	-	-	-	-	60.79	163.63	
11	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	
all sizes	14.53	-	14.53	10.43	9.36	19.79	9.04	43.36	295.71		

* For the size class 0 (operating no land) actual number of cattle/buffaloes has been recorded in columns 10 to 18 instead of number per 100 hectares of operated area.

TABLE (9) : PERCENTAGE OF HOUSEHOLDS NOT HAVING WORKING CATTLE AND BUFFALOES
BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Urban

number of sample blocks : 144

number of sample households: 593.

size class of household operational holding (code)	number of households (00)	percentage of households not having working animals		percentage of households not having any working cattle or buffaloes
		cattle	buffaloes	
(1)	(2)	(3)	(4)	(5)
0	4000	100.00	100.00	100.00
1	2614	90.54	99.50	98.54
2	364	100.00	100.00	100.00
3	74	100.00	100.00	100.00
4	140	92.57	100.00	92.57
5	174	70.10	93.10	71.83
6	90	86.67	84.44	71.11
7	14	-	100.00	-
8	-	-	-	-
9	-	-	-	-
10	12	-	-	-
11	-	-	-	-
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
all sizes	7490	90.33	99.33	97.99

ITEM (10) : ESTIMATED NUMBER OF LIVESTOCK (OTHER THAN CATTLE AND BUFFALOS) AND POULTRY OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample blocks : 144

Urban

TABLE (11)

ESTIMATED NUMBER OF AGRICULTURAL MACHINERY OWNED PER 100 HOUSEHOLDS
BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

Urban

State : Kerala
number of sample blocks : 144
number of sample households : 593

size class of household operational holding (code)	number (0.00) of agricultural machinery owned per 100 households										
	ploughs wooden	ploughs iron	harrows	seed drills	sprayers	dusters	tractors				
							less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
0	-	-	-	-	-	-	-	-	-	-	-
1	-	0.54	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-
3	72.97	-	-	-	-	-	-	-	-	-	-
4	33.78	-	-	-	-	-	-	-	-	-	-
5	107.47	-	-	-	-	8.05	-	-	-	-	-
6	84.44	-	-	-	-	-	-	-	-	-	-
7	100.00	-	-	-	100.00	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	383.33	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-
all sizes	5.67	0.19	-	-	0.19	0.19	-	-	-	-	-

TABLE (11) CONTD : ESTIMATED NUMBER OF AGRICULTURAL MACHINERY OWNED PER 100 HOUSEHOLDS
BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING UNDER DIFFERENT
ITEM BREAKDOWNS

State : Kerala

Urban

number of sample blocks : 144

number of sample households: 593

size class of household operational holding (code)	(1)	(2)	number (0.001) of agricultural machinery owned per 100 households			(7)	(8)	(9)
			threshers	pumps	cane			
			electric	diesel	crushers	crushers		
0	-	-	-	-	-	-	-	-
1	-	-	-	-	0.50	-	-	-
2	-	3.30	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	0.05	6.90	-	-	-	-
6	-	-	-	27.78	-	-	-	-
7	-	92.85	92.85	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	-	0.53	0.67	0.17	-	-	-	-

TABLE (12) : ESTIMATED NUMBER OF AGRICULTURAL MACHINERY PER 100 HECTARES OF OPERATED AREA AND AREA OPERATED PER TRACTOR BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

Verden

State : Kerala

number of sample blocks : 144

number of sample households 53

TABLE (13) : PERCENTAGE OF HOUSEHOLDS REPORTING PUMPS AND PLOUGHS BY SIZE CLASS
OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

number of sample blocks: 144

Urban

number of sample households : 593

size class of household operational holding (code)	number of households (00)	percentage of households reporting					
		ploughs	neither wooden nor iron plough	pumps	diesel	other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	4003	-	-	100.00	-	-	-
1	2614	-	0.54	99.46	-	-	0.50
2	364	-	-	100.00	3.02	-	-
3	74	18.92	-	81.08	-	-	-
4	140	16.09	-	83.11	-	-	-
5	174	51.72	-	48.28	7.47	6.32	-
6	90	27.78	-	72.22	-	27.78	-
7	14	100.00	-	-	100.00	100.00	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	12	100.00	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
all sizes	7493	2.40	0.19	97.44	0.51	0.67	0.17

OWNER'S TOTAL VALUE BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDINGS.

Urban

State : Kerala

number of sample blocks : 144

number of sample households : 593

size class of household operational holding (code)	estimated value of non-farm equipments owned.(Rs. 00)	percentage share of values		
		plant and machinery	Furniture and fixtures	Tools and other equipments.
(1)	(2)	(3)	(4)	(5)
0	1344591	80.75	2.59	8.66
1	501321	56.34	30.03	13.63
2	102275	-	95.34	4.16
3	55167	-	100.00	-
4	79520	7.14	57.14	35.72
5	0149	-	55.76	44.24
6	32571	-	65.09	14.11
7	40230	-	50.00	50.00
8	-	-	-	-
9	-	-	-	-
10	-	-	-	-
11	-	-	-	-
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
all sizes	2163524	60.47	20.10	11.35

Note : This table is different as compared to table 14 for rural sector. Value of non-farm equipments and percentage share of values are indicated instead of number of non-farm business equipments per 100 households.

TABLE (15) : ESTIMATED NUMBER OF TRANSPORT EQUIPMENTS OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Urban

number of sample blocks : 144

number of sample households : 593

size class of household operational holding (code)	number (approx) of transport equipments owned per 100 households									
	boats	motor cars	carts	bicycles	motor cycles/ scooters	trucks	trailers	passenger buses	animal driven	others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0	-	-	-	7.11	0.35	0.65	-	1.00	-	2.00
1	-	-	-	9.26	-	-	-	-	0.92	1.03
2	-	10.44	-	14.29	3.30	-	-	-	-	-
3	-	-	-	17.57	-	-	-	-	-	-
4	-	9.46	-	7.43	-	-	-	-	-	-
5	-	6.90	-	7.47	7.47	-	-	-	6.90	-
6	-	13.33	-	25.56	12.22	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	100.00	100.00	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	-	1.01	-	8.60	0.01	0.35	-	0.53	0.40	1.41

TABLE (16) : PERCENTAGE OF SHARES OF VALUE OF OWNED (i) CATTLE (ii) BUFFALOES
 (iii) OTHER LIVESTOCK (iv) AGRICULTURAL MACHINERY (v) NON-FARM BUSINESS
 EQUIPMENTS (vi) TRANSPORT EQUIPMENTS IN THE TOTAL VALUE OF ALL THE SIX
 ASSET GROUPS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

Urban

number of sample blocks : 144

number of sample households : 593

size class of household operational holding (code)	total value of six asset groups (Rs.00)	value of asset per 100 households (Rs.00)	value of assets per 100 hectares of operated area(Rs.00)	percentage shares of value of owned					
				cattle	buffalo	other live-stock	agricultural machinery	non-farm business equipments	transport equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	4140319	103314	4140319*	0.49	0.34	0.73	0.33	32.47	65.64
1	343696	32276	433995	13.36	7.10	4.31	3.75	59.30	6.60
2	954770	262302	954770	10.29	-	0.77	2.64	10.71	67.59
3	69995	94588	205060	0.11	-	4.44	2.06	73.82	6.57
4	243414	164469	250951	9.63	-	0.51	0.65	32.67	56.49
5	274620	157820	113371	25.67	4.03	1.34	17.22	2.97	43.77
6	301552	423947	195668	17.32	4.22	2.10	9.60	8.54	53.14
7	195072	756229	250224	20.27	-	0.95	40.70	33.00	-
8	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-
10	65607	547392	06430	15.54	6.91	-	2.42	-	75.13
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	7000433	94431	761337	7.73	1.49	1.35	2.36	30.56	56.01

Note : For the size class 0 actual value of asset (Rs.00) is recorded in column 4 instead of value of asset per 100 hectares of operated area. 57

TABLE : (17) : ESTIMATED NUMBER OF OPERATIONAL HOLDINGS AND AREA OPERATED BY SIZE CLASS OF OPERATIONAL HOLDING

State : Kerala

number of sample blocks : 144

Urban

number of sample households : 593

size class of operational holding (code)	estimated number of operational holding (00)			estimated area operated (00 hectares)		
	sub sample 1	sub sample 2	combined	sub sample	sub sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	2902	2247	2614	190	125	150
2	297	431	364	75	124	100
3	53	95	74	24	43	34
4	71	225	143	43	145	94
5	226	122	174	203	177	232
6	102	77	89	232	153	195
7	-	27	14	-	83	41
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	23	-	12	152	-	76
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
all sizes	3754	3224	3489	1904	1355	930

TABLE (18) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF OPERATIONAL HOLDINGS AND AREA OPERATED BY SIZE CLASS OF OPERATIONAL HOLDING.

State : Kerala

Urban

number of sample villages : 144

number of sample households : 593

size class of operational holding (code)	average area of an operational holding(hectares)	percentage of		cumulative percentage of	
		operational holdings	area operated	operational holdings	area operated
(1)	(2)	(3)	(4)	(5)	(6)
1	0.06	74.92	16.99	74.92	16.99
2	0.28	10.44	10.71	85.36	27.70
3	0.45	2.12	3.61	87.48	31.31
4	0.64	2.24	10.10	91.72	41.41
5	1.34	4.99	25.00	96.71	66.41
6	2.19	2.55	20.99	99.26	87.40
7	3.07	0.40	4.44	99.66	91.84
8	-	-	-	99.66	91.84
9	-	-	-	99.66	91.84
10	6.59	0.34	8.16	100.00	100.00
11	-	-	-	100.00	100.00
12	-	-	-	100.00	100.00
13	-	-	-	100.00	100.00
14	-	-	-	100.00	100.00
all sizes		100.00	100.00		
estimated number of operational holdings (00)	3489	x	x		
estimated area operated(00 hectares)	930	x	x		

TABLE (19) : PERCENTAGE OF HOLDINGS REPORTING OWNED AREAS AND THOSE REPORTING LEASED IN AREA'S AND PERCENTAGE OF OPERATED AREA OWNED AND LEASED IN UNDER DIFFERENT TERMS OF LEASING IN BY SIZE CLASS OF OPERATIONAL HOLDING.

State : Kerala

Urban

number of sample villages : 144

number of sample households : 593

size class of operational holding (code)	estimated number of holdings (00)	percentage of holding reporting leased in area							other terms	under any term
		area owned	for fixed money	for fixed produce	for share of produce	under usufructuary mortgage	(8)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1	2614	94.34	1.99	0.46	0.99	0.54	8.03	11.48		
2	364	100.00	7.42	-	-	-	3.57	10.99		
3	74	100.00	-	-	-	-	18.92	18.92		
4	148	100.00	-	17.57	-	-	-	17.57		
5	174	93.10	6.90	6.90	7.47	-	6.90	20.69		
6	89	100.00	-	-	-	-	-	-		
7	14	100.00	-	-	-	-	-	-		
8	-	-	-	-	-	-	-	-		
9	-	-	-	-	-	-	-	-		
10	12	100.00	-	-	-	-	-	-		
11	-	-	-	-	-	-	-	-		
12	-	-	-	-	-	-	-	-		
13	-	-	-	-	-	-	-	-		
14	-	-	-	-	-	-	-	-		
all sizes	3489	95.76	2.58	1.40	1.15	0.40	7.13	11.89		

TABLE (39) CONT'D.

PERCENTAGE OF HOLDINGS REPORTING OWNED AREAS AND THOSE HELD
LEASED IN AREAS AND PERCENTAGE OF OPERATED AREA OWNED AND LEASED
IN UNDER DIFFERENT TERMS OF LEASING IN BY SIZE CLASS OF OPERATIONAL
HOLDING.

State : Kerala

Urban

number of sample blocks : 144

number of sample households : 593

size class of operational holding (code)	estimated area operated (00. hectares)	percentage of operated area leased in						other terms	total
		owned	for fixed money	for fixed produce	for share of produce	under usufructuary mortgage			
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1	158	92.31	0.77	0.51	1.03	0.51	4.87	7.69	
2	102	96.75	2.44	--	--	--	0.81	3.25	
3	34	90.36	--	--	--	--	9.64	9.64	
4	94	93.10	--	6.90	--	--	--	6.90	
5	232	89.72	0.00	6.19	14.57	--	0.52	10.28	
6	195	100.00	--	--	--	--	--	--	
7	41	100.00	--	--	--	--	--	--	
8	--	--	--	--	--	--	--	--	
9	--	--	--	--	--	--	--	--	
10	76	100.00	--	--	--	--	--	--	
11	--	--	--	--	--	--	--	--	
12	--	--	--	--	--	--	--	--	
13	--	--	--	--	--	--	--	--	
14	--	--	--	--	--	--	--	--	
all sizes	930	94.69	0.39	2.87	0.57	0.09	1.39	5.31	

TABLE (20) : PERCENTAGE OF INDIVIDUAL AND JOINT OPERATIONAL HOLDINGS AND THEIR
PERCENTAGE SHARES OF AREA FOR EACH SIZE CLASS OF OPERATIONAL HOLDING

State : Kerala

Urban

number of sample blocks : 144

number of sample households : 593

size class of operational holding (code)	number of operational holdings (00)	percentage of holdings		area operated (00 hectares)	percentage of area operated		Urban
		individual	joint		Individual	Jointly	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1	2644	100.00	-	158	100.00	-	
2	354	100.00	-	100	100.00	-	
3	74	100.00	-	34	100.00	-	
4	148	100.00	-	94	100.00	-	
5	174	100.00	-	232	100.00	-	
6	89	100.00	-	195	100.00	-	
7	14	100.00	-	41	100.00	-	
8	-	-	-	-	-	-	
9	-	-	-	-	-	-	
10	12	100.00	-	76	100.00	-	
11	-	-	-	-	-	-	
12	-	-	-	-	-	-	
13	-	-	-	-	-	-	
14	-	-	-	-	-	-	
all sizes	3489	100.00	-	930	100.00	-	

TABLE (21) : AVERAGE NUMBER OF ATTACHED FARM WORKERS PER OPERATIONAL HOLDING (REPORTING) FOR DIFFERENT MAJOR AGRI CULTURAL SEASONS BY SIZE CLASS OF OPERATIONAL HOLDING

State : Kerala

number of sample blocks : 144

number of sample households : 593

Urban

size class of operational holding (code)	number of holdings (00)	percentage of holdings reporting attached farm workers	average number of farm workers per reporting holding during major crop season	average no. of farm workers per reporting holding during major crop season				perennial
				autumn	winter	spring	summer	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	2614	-	-	-	-	-	-	-
2	364	3.85	4.79	-	4.79	-	-	-
3	74	-	-	-	-	-	-	-
4	148	-	-	-	-	-	-	-
5	174	14.37	69	-	2.63	-	-	-
6	90	-	-	-	-	-	-	-
7	14	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	12	100.00	2.81	-	2.93	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	3489	1.45	3.39	-	3.39	-	-	-

TABLE (1) : ESTIMATED NUMBER OF HOUSEHOLDS, AREA OWNED AND HOUSEHOLD SIZES BY SIZE
CLASS OF HOUSEHOLD OWNERSHIP HOLDING.

State : Kerala

Rural

number of sample villages : 180

number of sample households : 1834

size class of household ownership holding (code)	estimated number of households (00)			estimated area owned (00 hectares)			estimated household size		
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	2554	5453	4004	-	-	-	4.10	4.53	4.39
1	11544	10521	11033	861	867	864	5.32	5.37	5.61
2	3619	3055	3337	1026	877	952	6.43	6.66	6.53
3	1415	1500	1458	635	653	644	4.75	6.43	5.60
4	2651	2810	2730	1900	2013	1957	6.74	5.69	6.17
5	1529	2196	1862	2186	3071	2628	7.79	6.10	6.79
6	483	502	492	1191	1215	1203	7.82	6.86	7.34
7	279	264	272	982	919	953	7.81	7.55	7.67
8	103	88	96	460	393	436	9.83	8.14	9.00
9	81	69	75	445	383	414	8.90	9.33	9.09
10	51	47	49	370	311	341	8.78	8.17	8.49
11	16	6	11	150	60	105	11.88	6.50	10.36
12	16	6	11	164	65	114	12.06	7.50	10.73
13	6	10	8	90	190	140	4.67	7.20	6.25
14	5	-	2	131	-	66	13.80	-	13.80
All sizes	24352	26527	25440	10596	11017	10807	6.00	5.57	5.77

TABLE (2) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS
AND OF AREA OWNED BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING.

State : Kerala

of sample villages : 180

Rural

number of sample households : 1834

size class of household ownership holding (code)	average area owned by household (hectares)	percentage of households	percentage of area owned	cumulative percentage households	cumulative percentage area owned
(1)	(2)	(3)	(4)	(5)	(6)
0	-	15.74	-	15.74	-
1	0.03	43.36	8.00	59.10	8.00
2	9.28	13.12	8.81	72.22	16.81
3	0.44	5.73	5.96	77.95	22.77
4	0.72	10.74	18.11	88.69	40.88
5	1.41	7.32	24.32	96.01	65.20
6	2.44	1.93	11.13	97.94	76.33
7	3.50	1.07	8.82	99.01	85.15
8	4.44	0.38	3.94	99.39	89.09
9	5.52	0.29	3.83	99.68	92.92
10	6.96	0.20	3.15	99.88	96.07
11	9.54	0.04	0.97	99.92	97.04
12	10.36	0.04	1.06	99.96	98.10
13	17.50	0.03	1.30	99.99	99.40
14	26.20	0.01	0.60	100.00	100.00
all sizes	0.42	100.00	100.00		
estimated number of households (00)	x	25440	x		
estimated area owned (00 hectares)	x	x	10807		
average area owned by land owning households (hectares):	0.50	x	x		

TABLE (3) * PERCENTAGE OF HOUSEHOLDS LEASING OUT LAND UNDER DIFFERENT TERMS TO ALL HOUSEHOLDS OWNING LAND AND PERCENTAGE OF AREA LEASED OUT TO AREA OWNED BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING.

State : Kerala

number of sample villages : 130

Rural
number of sample households : 1834

size class of household ownership holding (code)	estimated no. of households (00)	percentage of households leasing out land				estimated area owned (00 hectares)	percentage of owned area leased out			
		under usu-fructuary basis	on crop sharing basis	on other terms	under any term		under usu-fructuary mortgage	on crop sharing basis	on other terms	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	11033	0.76	0.35	2.21	3.32	864	0.47	0.28	2.01	2.76
2	3337	4.94	-	1.17	6.11	952	1.15	-	0.43	1.58
3	1458	3.50	-	5.49	8.99	644	1.13	-	1.32	2.45
4	2730	2.75	2.93	8.93	9.96	1957	0.58	1.41	2.73	4.72
5	1862	4.19	2.04	3.76	9.29	2628	0.92	0.51	1.05	2.48
6	492	1.22	3.05	13.01	14.63	1203	0.34	0.40	2.89	3.63
7	272	1.10	2.21	6.62	8.82	953	0.13	0.34	1.19	1.66
8	96	3.12	-	2.08	5.20	426	1.05	-	0.19	1.24
9	75	9.00	4.00	18.67	26.67	414	0.53	0.20	4.00	4.78
10	49	-	-	24.49	24.49	341	-	-	2.61	2.61
11	11	-	27.27	27.27	54.54	105	-	16.54	1.15	17.69
12	11	-	-	27.27	27.27	114	-	-	-	-
13	8	-	-	-	-	140	-	-	-	-
14	2	-	-	-	-	66	-	-	-	-
all sizes	21436	2.20	0.86	3.70	6.47	10807	0.65	0.64	1.71	3.00

TABLE (4) : PERCENTAGE OF HOUSEHOLDS LEASING IN LAND UNDER DIFFERENT TERMS TO ALL HOUSEHOLDS OWNING LAND AND PERCENTAGE OF AREA LEASED IN TO AREA OWNED OR SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING.

Note : Kerala

number of sample villages : 180

Rural
number of sample households : 1834

size class of household ownership holding (code)	estimat- ed num- ber of house- holds (00)	percentage of households leasing in land						estim- ated area ratio ^a	percentage of area leased in					
		for fixed rent	for fixed share	for usufru- tuary pro- perty	other any terms	on mort- gage			for fixed rent	for fixed share	for usufru- tuary pro- perty	other any terms	on mort- gage	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0*	4004	6.04	3.25	0.22	1.82	51.57	59.02	-	15	61	5	17	165..	263
1	11033	1.50	3.48	0.91	0.35	0.54	7.09	864	3.00	7.91	2.90	0.05	4.49	18.35
2	3337	1.71	1.98	0.78	0.09	3.00	7.28	952	1.57	5.53	0.76	0.04	3.15	11.05
3	1458	5.28	1.78	-	0.96	2.06	10.01	644	0.75	3.52	-	0.50	0.03	5.65
4	2730	2.27	6.96	3.30	1.54	5.31	18.92	1957	1.51	9.27	1.32	0.25	1.41	9.76
5	1362	1.06	5.58	1.07	0.59	4.03	12.00	26.28	0.48	2.08	0.37	0.12	1.94	4.99
6	492	3.66	8.85	1.63	1.22	6.10	14.43	1203	0.34	0.85	0.13	0.13	1.38	2.83
7	272	2.95	4.78	1.11	-	6.62	13.60	953	0.55	1.19	0.34	-	1.32	3.40
8	96	4.21	2.68	-	-	6.25	10.42	426	1.33	0.48	-	-	1.52	3.33
9	75	6.67	2.87	-	-	2.67	10.67	414	1.07	0.10	-	-	0.59	2.76
10	49	6.12	4.00	-	6.12	8.17	24.49	344	0.36	0.48	-	0.12	0.47	.43
11	11	-	-	-	-	-	-	105	-	-	-	-	-	-
12	11	-	-	-	-	-	-	114	-	-	-	-	-	-
13	8	75.00	-	-	-	-	75.00	140	4.03	-	-	-	-	4.03
14	2	-	-	-	-	-	-	66	-	-	-	-	-	-

* All sizes 25440 2.67 3.67 1.01 0.75 10.53 17.67 3.307 1.19 3.60 0.72 0.05 3.20 9.10

* For the size class 0 (landless) actual area has been recorded in cols. 10 to 15 instead of percentage

TABLE (5) : ESTIMATED NUMBER OF HOUSEHOLDS, AREA OPERATED AND HOUSEHOLD SIZE BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample villages : 130

Total

major of sample households : 1934

size class of household operational holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated house- hold size		
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	2492	3458	2975	-	-	-	4.14	4.08	4.10
0.1	731	-	366	-	-	-	-	-	-
0.2	1761	3458	2609	-	-	-	-	-	-
1	11402	11797	11600	834	952	918	5.78	5.28	5.53
2	3766	3519	3643	1072	1058	1065	6.35	6.67	6.51
3	1324	1354	1339	593	597	595	4.83	6.10	5.50
4	2643	2950	2799	1945	2059	2002	6.72	5.62	6.14
5	1638	2343	1990	2365	3315	2830	7.73	6.22	6.04
6	507	562	534	1259	1359	1309	7.90	7.22	7.55
7	288	285	283	905	993	989	7.66	7.61	7.66
8	98	120	109	439	538	489	9.63	7.62	8.52
9	109	59	84	590	322	456	9.56	9.93	9.70
10	45	64	54	337	430	363	8.33	8.12	8.30
11	16	-	8	148	-	94	11.00	-	11.00
12	16	6	11	164	65	114	12.06	7.50	10.82
13	6	4	5	97	61	79	4.67	5.25	4.80
14	5	6	6	131	134	133	13.00	8.50	10.00
all sizes	24352	26527	25440	10909	11883	11436	6.00	5.57	5.71

TABLE (6) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS AND OF AREA OPERATED BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample villages : 180

Rural

number of sample households : 1634

size class of household operational holding (code)	average area operated by household (hectares)	percentage of households	area operated	households	cumulative percentage of area operated
(1)	(2)	(3)	(4)	(5)	(6)
0	-	11.69	-	11.69	-
1	0.03	45.60	3.03	57.29	8.03
2	0.29	14.32	9.31	71.61	17.34
3	0.45	5.26	5.20	76.87	22.54
4	0.72	11.00	17.51	87.37	40.05
5	1.42	7.83	24.76	95.70	64.81
6	2.45	2.10	11.44	97.80	76.25
7	3.50	1.11	8.64	98.91	84.89
8	4.49	0.43	4.27	99.34	89.16
9	5.43	0.33	3.99	99.67	93.15
10	7.09	0.21	3.35	99.88	96.50
11	9.25	0.03	0.65	99.91	97.15
12	10.36	0.04	1.00	99.95	98.15
13	15.80	0.02	0.69	99.97	98.84
14	22.17	0.03	1.16	100.00	100.00
all sizes	0.45	100.00	100.00		
estimated number of households (00)	x	25440	x		
estimated area operated (00 hectares)	x	x	11436		
average area operated by land operating households (hectares)	0.51	x	x		

TABLE (7) : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES UNDER DIFFERENT CATEGORIES
PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

Rural

number of sample villages : 180

number of sample households : 1834

size class of household operational holding (code)	number of cattle owned per 100 households								
	male over 3 years			females over 3 years			young stock	total	
	working	others	sub-total	in milk	others	sub-total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
0	1.01	0.40	1.41	1.55	3.70	5.25	6.39	13.05	
1	1.24	0.92	2.16	5.39	8.47	13.86	14.74	30.76	
2	13.89	2.86	16.75	19.06	22.05	41.11	29.00	36.86	
3	4.55	0.67	5.22	24.93	37.91	62.84	48.88	116.94	
4	16.29	3.36	19.65	28.15	35.37	64.02	43.16	126.83	
5	37.49	1.01	39.30	32.91	43.27	76.13	57.59	173.07	
6	75.23	6.37	81.60	55.81	61.42	117.23	90.26	289.14	
7	91.16	4.95	96.11	57.24	72.79	130.03	82.69	303.83	
8	125.69	4.59	130.28	66.06	83.49	149.55	122.94	402.77	
9	114.29	-	114.29	100.00	113.10	213.10	169.05	496.44	
10	170.37	-	170.37	96.30	103.70	200.00	150.00	520.37	
11	137.50	-	137.50	100.00	300.00	400.00	100.00	637.50	
12	90.91	-	90.91	127.27	-	127.27	127.27	345.45	
13	200.00	-	200.00	200.00	200.00	200.00	200.00	600.00	
14	166.67	-	166.67	33.33	50.00	83.33	133.33	333.33	
all sizes	11.67	1.63	13.30	15.11	19.95	35.06	27.83	76.39	

TABLE (7) CONTD. : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HOUSEHOLDS,
BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

Rural

number of sample villages : 130

number of sample households : 1234

size class of house- hold operational holding (code)	number of buffaloes owned per 100 households								number of cattle and buffaloes per 100 househo- lds (0.00)	
	males over 3 years			females over 3 years			young stock	total		
	working	others	sub-total	in milk	others	sub-total				
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
0	-	-	-	0.20	1.01	1.21	-	1.21	14.26	
1	1.23	-	1.23	0.34	0.36	0.70	0.67	2.65	33.41	
2	4.78	-	4.78	-	1.07	1.07	-	5.85	92.71	
3	1.05	-	1.05	3.58	0.67	4.25	-	5.30	122.24	
4	3.75	-	3.75	2.82	4.61	7.43	4.29	15.47	142.30	
5	33.02	0.30	33.32	3.42	2.61	6.03	2.91	42.76	215.83	
6	53.93	-	53.93	7.63	4.37	12.55	6.74	73.22	362.36	
7	55.54	-	56.54	4.24	3.53	7.77	3.53	67.04	376.67	
8	84.40	3.67	88.07	9.17	10.35	27.52	6.42	122.01	524.70	
9	151.19	-	151.19	9.58	15.43	25.00	3.57	179.76	676.20	
10	122.22	-	122.22	-	13.52	18.52	13.70	144.44	664.81	
11	200.00	37.50	237.50	-	75.00	75.00	-	312.50	950.00	
12	54.55	-	54.55	-	-	-	-	54.55	200.00	
13	120.00	-	120.00	80.00	260.00	340.00	80.00	540.00	1220.00	
14	183.33	-	183.33	-	-	-	-	183.33	566.66	
all-sizes	7.36	0.09	7.45	1.24	1.57	2.81	1.25	11.51	87.70	

TABLE (8) ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HECTARES OF OPERATED AREA BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

Rural

number of sample villages : 180

number of sample households : 1834

size class of household operational holding (hectares)	number of cattle owned per 100 hectares of operated area								total	
	males over 3 years			females over 3 years			young stock			
	working	others	sub-total	in milk	others	sub-total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
0*	30	12	42	46	110	156	190	383		
1	15.57	11.64	27.21	67.93	106.90	174.83	186.14	383.18		
2	47.49	9.76	57.25	65.16	75.29	140.45	99.51	297.21		
3	10.25	1.51	11.76	55.97	85.40	141.37	110.11	263.24		
4	22.78	4.69	27.47	39.36	50.14	89.50	60.32	177.29		
5	26.37	1.26	27.63	23.15	30.42	53.57	40.50	121.70		
6	30.71	2.59	33.30	22.76	25.06	47.82	36.82	117.94		
7	26.12	1.41	27.53	16.38	20.86	37.24	23.67	88.44		
8	28.02	1.03	29.05	14.73	18.61	33.34	27.40	89.77		
9	21.03	-	21.03	18.41	20.81	39.22	31.11	91.36		
10	24.02	-	24.02	13.55	14.63	28.22	21.15	73.39		
11	14.85	-	14.85	10.80	32.39	43.19	10.80	68.84		
12	8.77	-	8.77	12.26	-	12.26	12.26	33.29		
13	12.60	-	12.60	12.60	7.51	20.11	12.60	45.31		
14	7.54	-	7.54	1.51	2.25	3.76	6.03	17.33		
all sizes	25.95	3.63	29.58	33.61	44.38	77.99	61.92	169.49		

* For size class 0 (operating no land) actual number of cattle/buffaloes has been recorded in columns 2-9 instead of number per 100 hectares of operated areas.

TABLE (8) CONTD. : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HECTARES OF OPERATED AREA, BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

number of sample villages : 180

Rural
number of sample households : 1834

size class of household operational holding (hectares) (code)	number of buffaloes owned per 100 hectares of operated area								number of cattle and buffaloes owned per 100 hectares of operated area
	males over 3 years			females over 3 years			young stock	total	
	working	others	sub-total	in milk	others	sub-total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	-	-	-	.06	.30	.36	-	.36	.424
1	16.21	-	16.21	4.25	4.57	8.82	8.50	33.53	421.71
2	16.33	-	16.33	-	3.66	3.66	-	19.99	317.20
3	2.35	-	2.35	1.08	1.51	9.59	-	11.94	275.13
4	5.19	-	5.19	3.93	6.45	10.38	6.00	21.57	198.36
5	23.23	0.57	23.80	2.40	1.83	4.23	2.05	30.08	151.78
6	22.02	-	22.02	3.14	1.98	5.12	2.74	29.88	147.82
7	16.18	-	16.18	1.21	1.01	2.22	1.01	19.41	107.85
8	18.33	0.82	19.65	2.05	4.08	6.13	1.43	27.21	116.98
9	27.82	-	27.82	1.75	2.84	4.59	0.67	33.08	124.44
10	17.25	-	17.25	-	2.62	2.62	0.52	20.39	93.98
11	21.60	4.05	25.65	-	8.10	8.10	-	33.75	102.59
12	5.26	-	5.26	-	-	-	-	5.26	33.55
13	7.56	-	7.56	5.04	16.93	21.42	5.04	34.92	79.33
14	9.04	-	9.04	-	-	-	-	9.04	26.37
all sizes	16.36	0.20	16.56	2.74	3.48	6.22	2.79	25.57	195.06

* For the size class 0 (operating no land) actual number cattle/buffaloes has been recorded in columns 10-13 instead of number per 100 hectares of operated area .

TABLE (9) : PERCENTAGE OF HOUSEHOLDS NOT HAVING WORKING CATTLE AND BUFFALOES BY SIZE
CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

number of sample villages : 180

Rural

number of sample households : 1834

size class of household operational holding (code)	number of <u>households</u>	percentage of households not having working animals cattle	percentage of households not having working buffaloes	percentage of households not having any working cattle or buffaloes
(1)	(2)	(3)	(4)	(5)
0	2975	99.50	100.00	99.50
1	11600	99.09	99.07	98.17
2	3643	92.53	97.64	90.17
3	1339	97.39	99.40	96.37
4	2759	90.85	97.53	88.53
5	1990	79.90	84.47	65.18
6	534	62.17	76.97	46.02
7	283	59.01	79.51	46.64
8	109	51.36	71.56	38.53
9	64	57.14	59.52	32.14
10	54	66.67	64.81	40.74
11	8	75.00	37.50	-
12	11	54.55	72.73	27.27
13	5	-	-	-
14	6	50.00	-	-
all sizes	25440	94.01	96.60	91.12

TABLE (10) : ESTIMATED NUMBER OF LIVESTOCK (OTHER THAN CATTLE AND BUFFALES) AND POULTRY OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

number of sample villages : 130

Rural

number of sample households : 1834

size class of households operational holding (code)	number owned per 100 households								
	sheep	goats	horses & ponies	mules	donkeys	camels	other draught animals	pigs	poultry
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-	10.18	-	-	-	-	-	0.31	39.08
1	-	25.53	-	-	-	-	-	-	203.44
2	-	42.01	-	-	-	-	-	2.31	549.38
3	0.52	50.34	-	-	-	-	-	0.45	122.93
4	0.32	24.90	-	-	-	-	-	4.39	324.40
5	-	56.98	-	-	-	-	-	3.92	349.55
6	-	68.54	-	-	-	-	-	3.43	424.72
7	2.13	68.55	-	-	-	-	-	9.19	433.75
8	-	77.06	-	-	-	-	-	9.17	1214.68
9	-	176.19	-	-	-	-	-	16.67	711.90
10	-	44.44	-	-	-	-	-	11.11	692.59
11	-	75.00	-	-	-	-	-	-	375.00
12	-	163.64	-	-	-	-	-	54.55	1245.45
13	-	-	-	-	-	-	-	-	3360.00
14	-	233.33	-	-	-	-	-	-	666.67
all sizes	0.09	32.05	-	-	-	-	-	1.66	276.31

TABLE (11) : ESTIMATED NUMBER OF AGRICULTURAL MACHINERY OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Rural

number of sample villages : 180

number of sample households : 1834

size class of household opera- tional holding (code*)	number of agricultural machinery owned per 100 households										
	tractors										
	ploughs wooden	ploughs iron	harrows	seed drills	sprayers	dusters	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p.not available
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
0	1.01	0.20	-	-	-	-	-	-	-	-	-
1	0.56	0.36	-	-	-	-	-	-	-	-	-
2	9.33	-	-	-	-	-	-	-	-	-	-
3	7.91	0.67	3.13	-	-	-	-	-	-	-	-
4	28.51	1.13	2.64	0.25	0.54	0.57	-	-	-	-	-
5	79.75	7.24	5.63	0.30	2.41	1.00	-	-	-	-	-
6	145.50	18.35	11.24	-	8.61	3.75	-	-	-	-	-
7	192.93	6.71	12.01	-	7.77	-	-	0.71	-	-	-
8	216.51	11.01	10.09	-	20.18	2.75	-	-	-	-	-
9	310.71	16.67	7.14	-	33.33	-	-	-	-	-	-
10	324.07	-	3.70	-	29.63	-	-	-	-	3.70	-
11	162.50	-	-	-	75.00	-	-	-	-	-	-
12	145.45	-	45.45	-	54.54	-	27.27	-	-	-	-
13	120.00	-	120.00	-	-	-	-	-	-	40.00	-
14	516.67	33.33	-	-	50.00	-	-	-	-	-	-
all sizes	19.60	1.49	1.33	0.09	0.33	0.23	0.01	0.01	-	0.02	-

TABLE (11) CONTD. : ESTIMATED NUMBER OF AGRICULTURAL MACHINERY OWNED PER 100 HOUSEHOLDS BY SIZE
CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Rural

number of sample villages : 180

number of sample households : 1634

size class of household operational holding (code)	threshers	number of agricultural machinery owned per 100 household						others (19)
		electric pumps	diesel pumps	other	cane crushers	oil crushers		
(1)	(13)	(14)	(15)	(16)	(17)	(18)		(19)
0	-	-	-	-	-	-	-	33.55
1	-	-	-	-	-	-	-	90.31
2	-	-	-	-	-	-	-	230.80
3	-	0.52	-	-	-	-	-	171.62
4	-	0.57	2.64	4.64	-	-	0.32	236.44
5	0.30	1.21	2.01	0.60	0.15	0.30	-	301.21
6	0.56	6.55	4.87	5.99	0.56	-	-	505.24
7	-	7.07	7.77	2.83	-	0.71	-	519.79
8	-	5.50	12.84	1.83	-	-	-	854.13
9	-	-	11.90	7.14	-	-	-	957.14
10	-	5.56	33.33	7.41	-	-	-	944.44
11	-	100.00	75.00	-	-	-	-	450.00
12	-	-	-	-	-	-	-	315.45
13	-	40.00	160.00	-	-	-	-	840.00
14	-	-	-	-	-	-	-	1233.23
all sizes	0.04	0.43	0.36	0.76	0.02	0.07	-	169.20

TABLE (12) : ESTIMATED NUMBER OF AGRICULTURAL MACHINERY PER 100 HECTARES OF OPERATED AREA AND AREA OPERATED PER TRACTOR BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

number of sample villages : 130

(0.00)

Rural

number of sample households : 1834

size class of household operational holding (code)	estimated number of agricultural machinery per 100 hectares of operated area				estimated area operated per tractor (0.00 hectares)					
	ploughs wooden	ploughs iron	harrows	seed drills	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	6.92	4.57	-	-	-	-	-	-	-	-
2	31.93	-	-	-	-	-	-	-	-	-
3	17.82	1.51	7.07	-	-	-	-	-	-	-
4	13.86	1.66	3.71	0.35	-	-	-	-	-	-
5	56.07	5.09	3.95	0.57	-	-	-	-	-	-
6	59.38	7.49	4.60	-	-	-	-	-	-	-
7	55.25	1.93	3.43	-	-	4.25	-	-	-	4.25
8	48.28	2.45	2.25	-	-	-	-	-	-	-
9	57.15	3.06	1.31	-	-	-	-	-	-	-
10	45.71	-	0.52	-	-	-	-	8.50	-	8.50
11	17.54	-	-	-	-	-	-	-	-	-
12	14.01	-	4.37	-	10.79	-	-	-	-	10.79
13	7.56	-	7.56	-	-	-	-	15.38	-	15.38
14	23.35	1.51	-	-	-	-	-	-	-	-
all sizes	43.61	3.31	3.06	0.20	10.79	4.25	-	11.94	-	9.35

TABLE (13) : PERCENTAGE OF HOUSEHOLDS REPORTING PUMPS AND PLOUGHS BY SIZE CLASS OF
HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

number of sample villages : 180

Rural
number of sample households : 1834

size class of household operational holding (code)	number of households (00)	percentage of households reporting						
		ploughs	neither	plugs	diesel	other	wooden	iron
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
0	2975	0.50	0.20	99.30	-	-	-	-
1	11600	0.56	0.36	99.38	-	-	-	-
2	3643	12.08	-	87.92	-	-	-	-
3	1339	6.12	0.67	93.95	0.52	-	-	-
4	2799	19.15	1.10	80.81	0.57	2.64	2.32	
5	1990	43.67	5.53	55.68	1.10	2.01	0.70	
6	534	59.18	10.30	30.76	6.55	3.75	5.06	
7	283	68.55	4.59	34.63	5.50	5.65	2.33	
8	109	70.64	5.50	28.44	4.59	11.02	3.67	
9	34	76.19	3.57	21.43	-	14.29	7.14	
10	54	66.67	-	33.33	5.56	33.33	7.41	
11	03	66.67	-	33.33	37.50	75.00	-	
12	11	50.00	-	50.00	-	-	-	
13	5	60.00	-	40.00	40.00	50.00	-	
14	6	100.00	25.00	-	-	-	-	
all sizes	25440	10.63	1.11	89.37	0.43	0.79	0.50	

TABLE (14) : ESTIMATED NUMBER OF DIFFERENT NON-FARM BUSINESS EQUIPMENTS OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample villages : 100

Rural
number of sample households : 1834

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households										
	(1)	(2) hand looms	(3) semi-automatic and power looms	(4) spinning and tailoring equipments	(5) reeds, bobbins and other accessories used in spinning & weaving	(6) charis	(7) oil-mills (power drive)	(8) rice milling and compounding equipments	(9) flour milling and grinding equipments	(10) sewing machines	(11) other tailoring equipments
0	-	-	-	-	-	-	-	-	-	2.82	-
1	0.67	-	-	-	-	0.36	-	-	-	1.46	1.01
2	3.46	-	-	-	-	-	-	-	-	1.32	2.14
3	1.34	-	-	-	-	-	-	-	-	1.05	-
4	-	0.07	-	-	0.32	-	-	-	-	1.18	1.82
5	-	-	-	-	-	-	-	0.15	-	0.45	0.90
6	1.12	-	-	-	-	-	0.56	0.56	-	1.12	-
7	-	-	-	-	2.12	-	-	1.06	-	-	-
8	-	-	-	-	-	-	-	-	-	1.82	-
9	-	-	-	3.57	-	-	-	11.90	-	-	-
10	-	-	-	-	-	-	-	3.70	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	18.18	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-
all sizes	0.90	0.01	0.01	0.06	0.17	0.01	0.09	-	1.43	1.04	

TABLE (14) CONTD. : ESTIMATED NUMBER OF DIFFERENT NON-FARM BUSINESS EQUIPMENT OWNED PER 100
HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample villages : 180

Rural

number of sample households : 1834

size class of household opera- tional holding (code)	number of non-farm business equipments owned per 100 households													
	aws manually operated (12)	saws* power driven (13)	lathes (14)	casting & molting & welding equipments (15)	furnace, baldous & other equipment in industry shop (16)	kilns (17)	potter's wheels (18)	scales, weights & measures (19)	fishing nets & accessories (20)	musical instruments (21)	electric motors (22)	oil engines (23)	other equipments (24)	
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	
0	-	-	-	-	12.27	3.50	-	0.40	-	-	-	5.31	52.86	
1	0.34	-	-	-	-	54.73	-	4.33	1.45	-	-	-	42.74	
2	-	-	-	-	29.68	-	1.76	17.41	-	-	1.32	1.15	50.30	
3	-	-	-	-	-	-	-	56.72	-	-	-	-	2.99	
4	-	-	-	3.93	-	-	-	16.36	0.21	-	-	-	57.63	
5	-	-	-	-	24.12	-	0.30	4.62	-	-	-	-	6.03	
6	0.37	0.56	-	-	-	-	-	24.34	-	-	-	-	23.97	
7	-	-	-	-	-	1.06	1.06	5.65	-	-	-	-	76.09	
8	-	-	-	-	-	-	24.77	-	-	-	-	-	14.60	
9	-	11.90	-	-	-	-	-	61.90	-	-	-	-	11.90	
10	-	-	-	-	-	-	-	-	-	-	-	-	251.35	
11	-	-	-	-	-	-	-	-	-	-	-	-	27.27	
12	-	-	-	-	-	-	72.73	-	-	-	-	-	60.00	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	
all sizes	0.16	0.05	-	0.43	7.57	25.38	0.43	10.44	0.68	-	0.19	0.79	41.87	

TABLE (15) : ESTIMATED NUMBER OF TRANSPORT EQUIPMENTS OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF
HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

Rural

number of sample villages : 180

number of sample households : 1034

size class of household operational holding (code)	number (0.01) of transport equipments owned per 100 households								
	boats	motor cars	carts	bicycles	motorcycles/ scooters	trucks	trailers	passenger buses	others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-	-	2.12	0.40	-	-	-	-	-
1	1.12	-	0.75	3.09	-	-	-	-	-
2	-	1.07	1.15	3.29	-	-	1.07	-	-
3	5.67	-	0.67	4.73	-	-	-	-	-
4	1.79	0.25	0.64	7.57	-	-	-	-	-
5	3.02	0.30	0.30	6.03	0.70	0.15	-	-	0.15
6	3.37	1.50	1.12	4.49	0.56	1.12	-	-	-
7	7.07	2.33	1.77	6.71	1.06	-	-	-	4.95
8	-	5.50	10.09	5.50	-	-	-	-	-
9	-	3.57	-	7.14	-	-	-	-	-
10	40.74	-	3.70	-	-	-	-	-	-
11	37.50	-	37.50	75.00	37.50	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13		160.00	100.00	160.00	-	-	-	-	-
14	-	-	-	16.67	-	-	-	-	-
all sizes	1.49	0.33	1.01	3.76	0.09	0.04	0.15	-	0.07

TABLE (16) : PERCENTAGE OF SHARE OF VALUE OWNED (i) CATTLE (ii) BUFFALOES (iii) OTHER LIVESTOCK
 (iv) AGRICULTURAL MACHINERY (v) NON-FARM BUSINESS EQUIPMENTS (vi) TRANSPORT EQUIPMENTS
 IN THE TOTAL VALUE OF ALL THE SIX ASSET GROUPS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL
 HOLDING.

State : Kerala

number of sample villages : 180

Rural
 number of sample households : 1834

size class of household operational holding (code)	total value of six asset groups (Rs. 00)	value of asset per 100 households (Rs.)	value of asset per 100 hectares of operated area (Rs.)	percentage share of value of owned				agricultural machinery	non-farm business equipments	transport equipments
				cattle	buffaloes	other live stock	(8)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
0	130705	4665	130735*	29.43	5.37	14.45	3.63	39.31	7.31	
1	927747	7990	101062	34.89	4.50	21.12	5.28	27.03	7.13	
2	1133705	31120	106451	31.65	2.19	11.10	3.84	27.14	24.03	
3	643141	40031	100091	23.37	2.75	5.72	3.42	53.10	6.64	
4	1420697	40757	70964	23.36	6.43	4.69	41.83	6.82	11.37	
5	1173394	58965	41463	37.83	13.98	10.93	19.03	3.86	14.27	
6	1057426	193020	80781	19.19	6.76	2.20	17.39	12.97	40.91	
7	853549	301607	86304	15.59	5.20	1.73	15.55	47.98	13.95	
8	240109	220278	49101	27.09	12.99	4.50	26.31	4.24	24.37	
9	253621	302001	55632	19.60	13.13	3.04	19.35	24.22	20.58	
10	225580	417741	58398	18.72	9.43	1.41	56.44	9.46	4.49	
11	107710	1346475	145565	10.49	3.56	0.72	23.82	-	56.43	
12	44182	401655	38756	19.81	3.18	3.31	43.19	30.51	-	
13	416440	8328800	527139	1.47	1.03	0.17	16.34	55.67	25.32	
14	7008	118133	5329	37.37	30.86	8.84	16.01	-	6.92	
all sizes	3643236	33975	75579	26.40	6.49	7.38	16.74	22.93	18.06	

Note : For the size class 0 actual value of asset (Rs.00) is recorded in column 4 instead of value of asset per 100 hectare of operated area.

TABLE (17) : ESTIMATED NUMBER OF OPERATIONAL HOLDINGS AND AREA OPERATED BY SIZE
CLASS OF OPERATIONAL HOLDING.

State : Kerala

number of sample villages : 180

Rural
number of sample households : 1834

size class of operational holding (code)	estimated number of operational holdings (00)			estimated area operated (00 hectares)		
	sub sample 1	sub sample 2	combined	sub sample 1	sub sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	11401	11759	11600	864	952	918
2	3766	3518	3642	1372	1053	1065
3	1324	1354	1339	593	597	595
4	2648	2950	2799	1945	2059	2002
5	1638	2362	2000	2345	3315	2330
6	507	560	538	1259	1359	1309
7	280	292	286	935	993	939
8	90	120	109	439	538	439
9	109	59	84	590	322	456
10	45	64	54	337	430	383
11	16	-	8	148	-	74
12	16	6	11	164	65	114
13	6	4	5	97	61	79
14	5	6	6	131	134	133
all sizes	21859	23102	22451	10989	11883	11436

TABLE (16) : PERCENTAGE CUMULATIVE PERCENTAGE DISTRIBUTION OF OPERATIONAL HOLDINGS
AND AREA OPERATED BY SIZE CLASS OF OPERATIONAL HOLDING.

State : Kerala		Rural number of sample households : 1834			
number of sample villages : 180		size class of operational holding (code)	average area of an operational holding (hectares)	percentage of operational holdings	cumulative percentage of operational holdings
(1)	(2)	(3)	(4)	(5)	(6)
1	0.03	51.60	0.03	51.60	3.03
2	0.29	16.20	9.31	67.80	17.34
3	0.45	5.96	5.20	73.76	22.54
4	0.72	12.45	17.51	86.21	40.05
5	1.42	8.90	24.75	95.11	64.80
6	2.43	2.39	11.44	97.50	76.24
7	3.47	1.27	8.64	98.77	84.88
8	4.49	0.46	4.27	99.25	89.15
9	5.43	0.37	3.99	99.62	93.14
10	7.10	0.24	3.35	99.86	96.49
11	9.25	0.04	0.65	99.90	97.14
12	10.36	0.05	1.00	99.95	93.14
13	15.30	0.02	0.65	99.97	98.83
14	22.17	0.03	1.17	100.00	100.00
all size		0.51	100.00	100.00	
estimated number of operational holding (00)		22451	x	x	
estimated area operated (00 hectares)		x	x	11436	

TABLE (19) : PERCENTAGE OF HOLDINGS REPORTING OWNED AREAS AND THOSE REPORTED AS LEASED IN AREAS
AND PERCENTAGE OF OPERATED AREA OWNED AND LEASED IN UNDER DIFFERENT TERMS OF LEASING
IN BY SIZE CLASS OF OPERATIONAL HOLDING.

Rural

State : Kerala

number of sample villages : 130

number of sample households : 1834

Size class of operational holding (code)	Estimated number of holdings (00)	owned area	percentage of holding reporting leased in area						under any terms
			for fixed money	for fixed produce	for share of produce	under usufruc- tuary mortgage	other terms		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	11600	37.67	1.89	2.24	0.41	0.34	12.35	16.16	
2	3642	97.53	2.55	4.09	2.31	1.15	3.13	15.98	
3	1339	93.95	5.67	1.19	0.67	0.37	2.34	10.60	
4	2799	93.11	1.64	7.36	2.75	2.36	3.36	22.06	
5	2000	96.55	4.15	10.90	1.70	1.00	5.30	20.70	
6	538	93.14	3.72	12.33	1.86	1.86	3.55	26.39	
7	236	93.95	4.20	6.99	-	1.05	6.29	16.73	
8	109	100.00	2.75	12.34	2.75	-	14.63	25.69	
9	84	100.00	7.14	9.52	-	3.57	11.90	26.19	
10	54	100.00	14.81	14.81	-	3.70	14.81	33.33	
11	08	100.00	-	-	-	-	-	-	
12	11	100.00	-	-	-	-	-	-	
	05	100.00	60.00	-	-	-	-	60.00	
	06	100.00	50.00	-	-	-	-	50.00	
All sizes	22451	92.61	2.54	4.37	1.13	0.86	9.35	17.32	

571.914 98.44197 465.2758,
87

3693.7092

TABLE (19) CONTD. : PERCENTAGE OF HOLDINGS REPORTING OWNED AREAS AND THOSE REPORTING LEASED IN AREAS AND PERCENTAGE OF OPERATED AREA OWNED AND LEASED IN UNDER DIFFERENT TERMS OF LEASING IN BY SIZE CLASS OF OPERATIONAL HOLDING.

State : Kerala

number of sample villages : 100

Rural

number of sample households : 1034

size class of operational holding (code)	estimated area operated (00) hectares	number of operated area							total (17)	
		owned area (11)	leased in area		for share of produce (14)	under usufructuary mortgage (15)	other terms (16)			
			for fixed money (12)	for fixed produce (13)						
(1)	(19)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		
1	918	86.87	0.66	2.47	0.27	0.35	5.38	13.13		
2	1065	90.65	1.22	2.13	1.67	0.80	3.53	9.35		
3	595	96.46	0.95	1.09	0.27	0.14	1.09	3.54		
4	2002	90.92	0.44	3.76	1.13	0.57	3.18	9.00		
5	2930	90.96	1.40	4.33	0.76	0.17	2.30	9.04		
6	1309	90.32	1.39	5.19	0.25	0.12	2.23	9.18		
7	939	94.35	1.56	2.01	-	0.12	1.96	5.65		
8	409	92.13	0.33	4.14	0.66	-	2.74	7.07		
9	456	87.32	1.24	5.76	-	0.09	5.50	2.59		
10	383	93.34	2.11	2.22	-	0.42	1.91	6.66		
11	74	100.00	-	-	-	-	-	-		
42	14	100.00	-	-	-	-	-	-		
13	79	95.92	4.08	-	-	-	-	4.08		
14	133.	98.17	1.83	-	-	-	-	1.33		
all sizes	11436	91.	1.12	3.42	0.63	0.29	3.13	8.59		

TABLE (20) : PERCENTAGE OF INDIVIDUAL AND JOINT OPERATIONAL HOLDINGS AND THEIR PERCENTAGE SHARES OF AREA OPERATED BY SIZE CLASS OF OPERATIONAL HOLDING.

State : Kerala		Rural				
number of sample villages : 180		number of sample households : 183				
size class of operational holding (code)	number of operational holdings (00)	percentage of holdings individual	joint	area operated (00 hectare)	percentage of area operated individually	jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	11600	100.00	-	918	100.00	-
2	3642	100.00	-	1065	100.00	-
3	1339	100.00	-	595	100.00	-
4	2799	100.00	-	2002	100.00	-
5	2000	100.00	-	2830	100.00	-
6	538	100.00	-	1309	100.00	-
7	236	100.00	-	989	100.00	-
8	109	100.00	-	489	100.00	-
9	84	100.00	-	456	100.00	-
10	54	100.00	-	383	100.00	-
11	8	100.00	-	74	100.00	-
12	11	100.00	-	114	100.00	-
13	5	100.00	-	79	100.00	-
14	6	100.00	-	133	100.00	-
all sizes	22481	100.00	-	11436	100.00	-

TABLE (21) : AVERAGE NUMBER OF ATTACHED FARM WORKERS PER OPERATIONAL HOLDING (Holding size class)
DIFFERENT MAJOR AGRICULTURAL SEASONS IN SIZE CLASSES OF HOLDINGS.

State : Kerala

number of sample villages : 180

size class of operational holding (code)	number of holdings (00)	percentage of holdings reporting attached farm workers	average number of farm workers per reporting holding major crop season	number of sample households : 1804				
				(5)	(6)	(7)	(8)	(9)
(1)	(2)	(3)	(4)					
1	11600	1.06	1.32	-	-	-	-	1.32
2	3642	-	-	-	-	-	-	-
3	133	0.67	2.00	-	2.00	-	-	-
4	2799	2.57	2.36	1.00	2.69	2.56	-	2.00
5	2000	8.55	2.46	3.74	2.04	4.17	1.00	1.21
6	538	18.03	2.62	2.55	2.77	2.17	-	1.67
7	236	27.97	2.16	2.06	2.19	-	-	2.00
8	109	35.76	3.74	2.00	3.70	12.67	-	2.67
9	84	42.86	2.92	4.90	2.47	-	-	1.66
10	54	27.78	2.40	3.00	2.40	-	-	2.00
11	8	4.67	21.33	-	-	-	-	-
12	11	54.55	4.67	4.67	-	-	-	4
13	5	40.00	4.00	-	4.00	-	-	-
4	6	50.00	7.33	-	7.33	-	-	-
all sizes	22481	2.93	2.45	3.04	2.50	5.02	1	1.54

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SL NO.	PAGE NO.	TABLE NO.	SIZE CLASS	COLUMN NO.	ORIGINAL ENTRY	REVISED ENTRY
(1)	(2)	(3)	(4)	(5)	(6)	
1	35	19	55	7	0.52	0.51
2	35	19	all sizes	7	0.00	0.75 ⁵
3	69	3	2	4	3653	

