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TWENTYSIXTH ROUND : JULY 1971 - SEPTEMBER 1972

जोत सम्बन्धी सारणियाँ

TABLES
ON
LAND HOLDINGS

राज्य : केरल

STATE : KERALA

जिल्हा 2 VOLUME 2

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

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

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NATIONAL SAMPLE SURVEY

TWENTYSIXTH ROUND : JUL 1971 - SEP 1972

NUMBER 215.9

TABLES ON LAND HOLDINGS AT REGION LEVEL

STATE : KERALA

VOLUME II



NATIONAL SAMPLE SURVEY ORGANISATION

DEPARTMENT OF STATISTICS, MINISTRY OF PLANNING

GOVERNMENT OF INDIA

JULY 1975

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NATIONAL SAMPLE SURVEY
TWENTYSIXTH ROUND : JULY 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 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 a 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 was canvassed.

Geographical coverage

3. The survey extended to the whole of India excluding Andaman Nicobar Islands, Arunachal Pradesh, Dadra and Nagar Haveli, Daccaive, Minicoy and Agatti Istaris, 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 Puducherry 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 :

Sl.No. of visit	Period of visit	Schedules canvassed	Board 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 Jan 72 to Jun 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 specific periods during the two successive visits.

Sampling Design

7. The sampling design, for the rural and urban sectors each, was self-weighting at State level. 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 circularly 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 towns, which were (1) contiguous (2) having similar crop pattern and population density and (3) having good transport facilities closest 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 sown 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 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 was 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 would 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 the 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 value;
- 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

14. The concepts and definitions adopted in the survey of land holdings 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 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 operational 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, livestock 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 proved 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 of 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 result of every survey, the Governing Council for the National Sample Organisation decided that such results may be obtained through manual tabulation. Accordingly, for the purpose of survey on land holdings, a programme of 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 holding (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, concept 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 Households

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, as 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 much 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 Puducherry, where the sample size was small), the maximum difference of 20.28% 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 the 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 ~~1st April 1971~~ midway 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

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

size class of house- hold operational holding (code)	Region : Northern						Rural
	threshers	electric	pumps	cane crushers	oil crushers	others	
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
0	-	-	-	-	-	-	31.69
1	-	-	-	-	-	-	75.04
2	-	-	-	-	-	-	232.58
3	-	-	-	-	-	-	155.98
4	-	-	6.16	12.31	-	-	125.85
5	-	0.21	2.30	-	-	-	335.81
6	-	0.76	4.53	8.40	-	-	416.03
7	-	-	8.54	1.22	-	1.22	440.85
8	-	3.70	14.81	3.70	-	-	559.26
9	-	-	14.55	-	-	-	727.27
10	-	-	30.56	11.11	-	-	811.11
11	-	-	-	-	-	-	400.00
12	-	-	-	-	-	-	100.00
13	-	100.00	-	-	-	-	2100.00
14	-	-	-	-	-	-	3050.00
all sizes	-	0.03	1.41	1.63	-	0.02	152.20

(iii) There is also difference in the agency adopted. In the case of all States, ~~panchayat~~ 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.

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 'not even zero' figure is maximum in the case of 8 States/Union Territories where the NSS estimate 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 estimate of number of households were less than the Census number of households, Himachal Pradesh shows maximum increase in divergence. At all-India level, the divergence has not reduced substantially as can be seen from columns 6 and 11 of Table I.

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, Jharkhand and Kerala. Except for Maharashtra, there are also the States where the number of households in the NSS are underestimated (Table II).

Thus, so far as the estimates of aggregate operational 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) 'not even zero' given by State Agricultural Statistics Authorities and shown in column 7 of Table II. 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 judgement of the reader.

In spite of such differences in the estimates of the aggregate operational area, it is hoped that the reader will find the NSS results presented in these volumes in the form of estimates and percentages 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 be available from the Agricultural Census 1970-71. The results of the Agricultural Census are derived by a ratification 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 'not even zero'; apart from the fact that the NSS estimate of aggregate operational area is not agreed well with the estimates of 'not even zero' in most 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 ratification 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 ESTIMATE OF NUMBER OF HOUSEHOLDS, AREA OWNED AND AREA OPERATED BASED ON 1971 DATA OF RIS AND STATEWIDE RESULTS FROM CENSUS OFFICIAL SURVEY

Sl. No.	State/ Union Territory	No. of Households (1971)		Area owned (sq. km.)		Area operated (sq. km.)	
		No. per U.S. S.	In per cent	1971	1971	1971	1971
1	Jammu & Kashmir	30128	80714	101239	130730	106730	111
2	Lakshadweep	62977	22386	11436	10932	21071	21
3	Rajasthan	97177	36319	28539	32264	25379	30
4	Gujarat	40115	40635	12177	37135	30104	31
5	Haryana	15355	15364	35782	10724	23907	23
6	Karnataka	4638	6542	7132	5530	5638	51
7	Sikkim & Darjeeling	6954	7635	21260	4234	6431	6
8	Tamil Nadu	55331	52457	30756	26308	182418	27
9	Kerala	38937	35439	2074	11704	12356	2
10	Madhya Pradesh	78935	72603	14623	13426	100732	16
11	Assam	165301	94322	116367	100018	149045	17
12	Bihar	1426	1806	7079	1107	1926	1
13	Maharashtra	2111	2063	14773	1226	1953	1
14	Sikkim	49181	41475	18272	47453	46628	3
15	Punjab	24407	23708	16437	40373	24076	47
16	Andhra Pradesh	36871	40339	26362	134353	13573	13
17	Raj. Delhi	98488	97937	14745	12347	41218	61
18	Sikkim	2087	2183	1080	1502	1439	1
19	Uttar Pradesh	171771	154703	14463	16202	134406	173
20	West Bengal	15120	15357	1537	14420	43110	53
21	Delhi	3532	3777	10472	871	136	1
22	Goa	323	1630	5374	143	164	1
23	Madhya Pradesh	243	2373	5123	153	163	1
All India		1046183	1061947	216249	122976	105934	1011

* Figures are gross of quota

† Figures relate to the year 1971

‡ Figure is primarily based on State Crop Survey (1971)

§ Figures relate to the year 1960*

TABLE I (CONT'D.) : STATEWISE INFORMATION OF NUMBER OF HUTS TOWERS, AREA OWNED AND AREA OPERATED BASED ON 26TH REPORT OF RHS AND SIMILAR RESULTS FROM OTHER OFFICIAL SURVEYS

Sl. No.	State/ Union Territory	Percentage of R. S. S. estimate of operated area over 'net area owned'	Average operated area(0.00 hect.) per household	% of operated area(00 hect.) based on census households	Percentage of census to census
9	1	2	3	4	5
1	Andhra Pradesh	91.01	1.10	1044.02	99.21
2	Assam	89.90	0.87	2179.0	97.49
3	Bihar	97.43	0.69	8755.7	102.95
4	Gujarat	98.49	1.83	8572.6	96.05
5	Haryana	67.06	1.56	2491.0	63.07
6	Himachal Pradesh	101.12	1.25	1017.0	149.66
7	Jammu & Kashmir	94.40	0.93	7100	103.06
8	Karnataka	99.95	1.05	9780.0	96.66
9	Kerala	56.94	0.38	1344.4	61.95
10	Madhya Pradesh	97.95	2.43	1919.9	104.92
11	Maharashtra	107.12	1.30	1697.0	96.30
12	Manipur	92.71	0.91	1662	116.64
13	Nagaland	126.43	0.96	174	124.06
14	Orissa	76.10	0.94	3536.2	76.27
15	Punjab	69.23	1.15	2785.7	61.25
16	Rajasthan	91.73	1.57	1607.0	102.93
17	Tamil Nadu	79.97	0.98	4512.1	70.00
18	Tripura	60.62	0.72	1964	61.03
19	Uttar Pradesh	100.70	1.02	16214.0	95.70
20	West Bengal	78.53	0.79	4671.1	66.28
21	Delhi	66.09	0.66	479	56.38
22	Goa	19.91	0.20	464	34.73
23	Tamil Nadu	61.27	0.35	318	104.93
ALL INDIA		92.85	1.29	1298.904	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		Absolute increase in the percentage deviation in col.4 from col.3		
		N.S.S. operated area	Operated area based on census households			
		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		Absolute decrease in the percentage deviation in col.9 from col.8		
		N.S.S. operated area	Operated area based on census households			
		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 N.S.S. operated area	Operated area based on census households	Absolute increase in the percentage deviation in col.14 from col.13	
	11	12	13	14	15
Himachal Pradesh	28.28	+7.12	+49.68	42.56	
Bihar	6.41	-2.57	+3.56	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 N.S.S. operated area	Operated area based on census households	Absolute decrease in the percentage deviation in col.19 from col.18	
	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	37.78	

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	State tables			Region tables (Rural)	
	Urban & 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	65	91 117
TABLE (2) :	Percentage and cumulative percentage distribution of households and of area owned by size class of household ownership holding.	16	40	66	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	State tables			Region tables (Rural)	
		Urban & Rural	Urban	Rural	Region No.	1
					Page Number	
TABLE (5) :	Estimated number of households, area operated and household size by size class of household operational holding.	19	43	59	95	121
TABLE (6) :	Percentage and cumulative percentage 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 and 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 not having working cattle and buffaloes by size class of household operational holding.	25	49	75	101	127

LIST OF TABLES (CONT'D.)

		Description of table	State tables			Region tables (Rural)	
			Urban & Rural	Urban	Rural	Region No. 1	Region No. 2
						Page Number	
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	76	102	128
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.					

L I S T O F T A B L E S (C O N T D .)

Description of table	State tables			Region tables(Final)	
	Urban & Rural	Urban	Rural	Region No. 1	Region No. 2
	Page Number				
TABLE (15) : Estimated number of transport equipments owned per 100 households by size class of household operational holding.	51	56	83	109	135
TABLE (16) : Percentage of shares of value of (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.	52	57	84	110	136
TABLE (17) : Estimated number of operational holding and area operated by size class of operational holding.	33	58	85	111	137
TABLE (18) : Percentage and cumulative percentage distribution of operational holdings and area operated by size class of operational holding.	34	59	86	112	138

LIST OF TABLES (CONT'D.)

Description of table	State tables			Region tables (Rural)	
	Urban & Rural	Urban	Rural	Region No. 1	Region No. 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	87	115	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>CODE</u>
	<u>HECTARES</u>		@ Landless/operating no land	
0.01 - 0.49	0.002 - 0.20			0
0.50 - 0.99	0.21 - 0.40			1
1.00 - 1.24	0.41 - 0.50			2
1.25 - 2.49	0.51 - 1.00			3
2.50 - 4.99	1.01 - 2.02			4
5.00 - 7.49	2.03 - 3.03			5
7.50 - 9.99	3.04 - 4.04			6
10.00 - 12.49	4.05 - 5.05			7
12.50 - 14.99	5.06 - 6.07			8
15.00 - 19.99	6.08 - 8.09			9
20.00 - 24.99	8.10 - 10.12			10
25.00 - 29.99	10.13 - 12.14			11
30.00 - 49.99	12.15 - 20.24			12
50.00 & above	20.25 & above			13
@	Households owning/operating land less than 0.002 hectares are included in size class 0.			
	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

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of household ownership holding (code)	estimated number of households (00)			estimated area owned (00 hectares)			estimated household size			combined
	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	563	2212	1388	-	-	-	4.66	4.72	4.71	
1	4178	3674	3926	274	306	290	5.90	5.56	5.74	
2	1155	1578	1366	320	444	382	6.82	7.02	6.93	
3	672	655	664	300	282	291	4.43	6.65	5.52	
4	992	1191	1092	724	841	783	7.38	4.48	5.79	
5	721	1073	897	1025	1543	1284	9.16	5.98	7.26	
6	227	258	242	566	616	591	8.91	6.91	7.86	
7	164	174	169	575	597	586	8.61	7.65	8.12	
8	69	43	56	305	192	248	10.20	7.53	9.18	
9	64	50	57	350	279	315	9.42	9.80	9.58	
10	34	21	28	255	148	202	9.06	7.90	8.46	
11	5	-	2	46	-	23	8.80	-	8.80	
12	10	-	5	106	-	53	13.70	-	13.70	
13	-	4	2	-	61	30	-	5.25	5.25	
14	5	-	2	131	-	65	13.80	-	13.80	
all sizes	8859	10933	9896	4577	5309	5143	6.47	5.63	6.04	

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 645

size class of household ownership holding (code)	average area owned by household (hectares)	percentage of		cumulative percentage	
		households	area owned	household	area owned
(1)	(2)	(3)	(4)	(5)	(6)
0	-	14.03	-	14.03	-
1	0.07	39.67	5.64	53.70	5.64
2	0.23	13.80	7.43	67.50	13.07
3	0.44	6.71	5.66	74.21	18.73
4	0.72	11.04	15.22	85.25	33.95
5	1.43	9.06	24.97	94.31	58.92
6	2.44	2.44	11.49	96.75	70.41
7	3.47	1.71	11.39	98.46	81.80
8	4.43	0.57	4.82	99.03	86.62
9	5.53	0.58	6.13	99.61	92.75
10	7.21	0.28	3.93	99.89	96.68
11	9.20	0.02	0.45	99.91	97.13
12	10.60	0.05	1.03	99.96	98.18
13	15.25	0.02	0.58	99.98	98.74
14	26.20	0.02	1.26	100.00	100.00
all sizes	0.52	100.00	100.00		
estimated number of households	x	9896	x		
estimated area owned (00 hectares)	x	x	5143		
average area owned by land owning households (acres)	0.60	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

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of household ownership (code)	estimated no. of households (00)	percentage of households leasing out land (0.00)				estimated area owned (00 hectares)	percentage of owned area leased out			
		under usufructuary basis	on crop sharing basis	on other terms	any term		under usufructuary basis	on crop sharing basis	on other terms	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	3296	-	-	-	-	290	-	-	-	-
2	1366	-	-	-	-	382	-	-	-	-
3	664	-	-	-	-	291	-	-	-	-
4	1092	-	-	11.90	11.90	783	-	-	1.65	1.65
5	897	0.34	-	1.00	1.34	1284	0.00	-	0.32	0.32
6	242	-	-	4.96	4.96	591	-	-	1.78	1.78
7	169	-	1.18	5.92	7.10	586	-	0.14	0.41	0.55
8	56	-	-	3.57	3.57	248	-	-	0.33	0.33
9	57	-	-	7.02	7.02	315	-	-	1.29	1.29
10	28	-	-	7.14	7.14	202	-	-	2.61	2.61
11	2	-	-	-	-	23	-	-	-	-
12	5	-	-	-	-	53	-	-	-	-
13	2	-	-	-	-	30	-	-	-	-
14	2	-	-	-	-	65	-	-	-	-
all sizes	8508	0.04	0.02	1.99	2.05	5143	0.00	0.02	0.78	0.80

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

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of household ownership holding (code)	estim- ated no.of house- holds (00)	percentage of households leasing in land						estim- ated area owned (00 hect- are)	percentage of area leased in						total
		for fixed money pro- duce	for fixed share pro- duce	for usu- al fruc- tuary mort- gage	under other terms	on any term	under any term		for fixed money pro- duce	for fixed share pro- duce	for usu- al fruc- tuary mort- gage	under other terms	on any term		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
0*	1388	3.31	2.23	-	2.23	71.90	77.88	-	01	35	-	00	80	116	
1	3926	-	1.66	-	-	1.22	2.88	290	-	2.79	-	-	1.67	4.46	
2	1366	-	0.15	-	-	0.73	0.73	382	-	0.85	-	-	4.24	5.09	
3	664	-	0.30	-	-	0.30	0.30	291	-	0.83	-	-	0.97	1.80	
4	1092	-	8.33	0.92	-	0.18	9.34	783	-	4.55	0.93	-	0.41	5.89	
5	897	1.45	2.01	0.45	-	1.11	4.57	1284	0.44	0.69	0.41	-	0.85	2.39	
6	242	1.66	4.12	-	-	0.83	7.02	591	0.14	0.41	-	-	0.27	0.82	
7	169	1.18	2.37	-	-	3.55	6.51	586	0.41	1.10	-	-	1.24	2.75	
8	56	3.57	3.57	-	-	3.57	7.14	248	1.31	0.82	-	-	1.31	3.44	
9	57	3.51	3.51	-	-	3.51	7.02	315	1.03	0.13	-	-	0.77	1.93	
10	28	-	7.14	-	-	14.29	21.43	202	-	0.80	-	-	0.80	1.60	
11	2	-	-	-	-	-	-	23	-	-	-	-	-	-	
12	5	-	-	-	-	-	-	53	-	-	-	-	-	-	
13	2	-	-	-	-	-	-	30	-	-	-	-	-	-	
14	2	-	-	-	-	-	-	65	-	-	-	-	-	-	
all sizes	986	0.70	2.30	0.14	0.31	10.97	14.06	5143	0.31	2.06	0.24	0.00	2.60	5.21	

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

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

State : Kerala

Region : Northern

Rural

number of sample villages : 30

number of sample households : 615

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	810	1096	953	x	x	x	4.77	4.17	4.42
0.1	439	-	220	x	x	x	x	x	x
0.2	371	1096	733	x	x	x	x	x	x
1	3835	4716	4276	282	306	334	6.00	5.43	5.68
2	1252	1692	1472	340	501	421	6.60	7.08	6.88
3	672	532	602	300	232	266	4.43	6.65	5.41
4	975	1137	1056	729	775	752	7.39	4.25	5.70
5	742	1168	955	1053	1703	1378	9.16	6.11	7.29
6	232	292	262	577	708	643	8.75	7.16	7.86
7	159	169	164	563	584	574	8.67	7.63	8.13
8	64	43	54	236	197	241	10.09	7.23	8.85
9	64	46	55	349	256	302	9.64	10.37	9.95
10	34	38	36	256	266	261	9.06	7.95	8.47
11	5	-	2	6	-	23	8.80	-	8.80
12	10	-	5	106	-	53	13.70	-	13.70
13	-	4	2	-	61	30	-	5.25	5.25
14	5	-	2	131	-	65	13.80	-	13.80
All sizes	8859	10933	9896	5018	5669	5343 ✓	6.47	5.68	6.04

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

State : Kerala

Region : Northern

Rural

number of sample villages : 30

number of sample households : 615

size class of house-hold operational holding (code)	average area operated by household (hectares)	percentage of		cumulative percentage	
		households	area operated	households	area operated
(1)	(2)	(3)	(4)	(5)	(6)
0	-	9.63	-	9.63	-
1	0.08	43.21	6.26	52.34	6.26
2	0.29	14.87	7.37	67.71	14.13
3	0.44	6.08	4.93	73.79	19.11
4	0.71	10.67	14.07	84.46	33.18
5	1.44	9.65	25.78	94.11	58.96
6	2.45	2.65	12.03	96.76	70.99
7	3.50	1.66	10.73	98.42	81.72
8	4.46	0.55	4.51	98.97	86.23
9	5.49	0.56	5.67	99.53	91.90
10	7.25	0.36	4.88	99.89	96.78
11	9.20	0.02	0.43	99.91	97.21
12	10.60	0.05	0.98	99.96	98.19
13	15.25	0.02	0.58	99.98	98.77
14	26.20	0.02	1.23	100.00	100.00
all sizes	0.54	100.00	100.00		
estimated number of households (00)	x	9896	x		
estimated area operated (00 hectares)	x	x	5343		
average area operated by land operating households (hectares)	0.60	x	x		

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of household operational holding (code)	number (0.00) of buffaloes owned per 100 households										no. of cattle and buffaloes per 100 households (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	-	-	-	-	-	-	-	-	-	19.52		
1	1.52	-	1.52	-	-	-	-	-	1.52	28.37		
2	6.52	-	6.52	-	-	-	-	-	6.52	76.15		
3	-	-	-	7.97	-	7.97	-	7.97	7.97	106.14		
4	-	-	-	0.19	9.09	9.28	4.55	13.83	76.24			
5	56.33	1.26	57.59	3.66	4.50	8.16	4.61	70.36	196.22			
6	86.26	-	86.26	6.43	8.02	14.50	9.16	109.92	379.40			
7	73.17	-	73.17	1.22	4.88	6.10	4.27	83.54	401.83			
8	111.11	7.41	118.52	14.82	3.70	18.52	12.96	150.00	598.15			
9	180.00	-	180.00	-	33.78	33.78	5.56	198.98	944.84			
10	130.55	-	130.55	-	27.78	27.78	5.56	163.89	822.23			
11	250.00	-	250.00	-	-	-	-	250.00	1250.00			
12	-	-	-	-	-	-	-	-	-	520.00		
13	-	-	-	200.00	650.00	850.00	200.00	1050.00	1850.00			
14	250.00	-	250.00	-	-	-	-	250.00	1100.00			
all sizes	12.74	0.16	12.90	1.17	2.05	3.22	1.37	17.49	87.02			

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

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of house- hold operational holding (code)	number (in %) of cattle owned per 100 households							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)	(10)		
0	3.15	-	3.15	1.68	4.83	6.51	9.86	19.52			
1	1.52	1.52	3.04	6.08	6.08	12.16	11.65	26.85			
2	15.35	4.42	19.77	16.71	18.75	35.46	14.40	69.63			
3	-	-	-	10.80	44.68	55.48	42.69	98.17			
4	1.70	6.16	7.86	20.93	18.28	39.21	15.34	62.41			
5	30.99	1.57	32.56	23.66	28.59	52.25	41.05	125.86			
6	69.47	8.40	77.87	58.78	49.62	108.40	83.21	269.48			
7	107.31	7.32	114.63	59.76	66.46	126.22	77.44	318.29			
8	157.41	3.70	161.11	62.96	87.04	150.00	137.04	448.15			
9	116.36	-	116.36	100.00	114.55	214.55	185.45	516.36			
10	255.56	-	255.56	111.11	125.00	236.11	166.67	658.34			
11	-	-	-	250.00	500.00	750.00	250.00	1000.00			
12	200.00	-	200.00	160.00	-	160.00	160.00	520.00			
13	200.00	-	200.00	200.00	200.00	400.00	200.00	800.00			
14	500.00	-	500.00	100.00	-	100.00	250.00	850.00			
all sizes	12.71	2.49	15.20	14.49	17.43	31.92	22.41	69.53			

TABLE (6) CONTD. : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HECTARES OF OPERATED AREA, BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING.

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

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
	males over 3 years			females over 3 years			young stock	
	working	others	sub-total	in milk	others	sub-total	total	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
0*	-	-	-	-	-	-	-	-
1	19.45	-	19.45	-	-	-	-	19.45
2	22.83	-	22.83	-	-	-	-	22.83
3	-	-	-	18.01	-	18.01	-	18.01
4	-	-	-	0.27	12.73	13.00	6.33	19.43
5	39.04	0.86	39.90	2.55	3.11	5.66	3.19	48.75
6	35.16	-	35.16	2.64	3.26	5.90	3.73	44.79
7	20.93	-	20.93	0.36	1.41	1.77	1.21	23.91
8	24.88	1.66	26.54	2.89	0.84	3.73	2.89	39.16
9	32.72	-	32.72	-	3.31	3.31	-	36.03
10	18.04	-	18.04	-	3.83	3.83	0.77	22.64
11	21.67	-	21.67	-	-	-	-	21.67
12	-	-	-	-	-	-	-	49.40
13	-	-	-	13.00	42.28	55.28	13.00	68.28
14	7.64	-	7.64	-	-	-	-	7.64
all sizes	23.60	0.30	23.90	2.17	3.81	5.98	2.55	32.43
								161.23

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

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of household operational holding (code)	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	-	30	15	46	61	94		185	
1	19.45	19.45	38.90	77.79	77.79	155.58	143.98	343.46		
2	53.74	15.47	69.21	58.51	65.63	124.14	50.41	243.76		
3	-	-	-	24.41	101.10	125.51	96.52	222.03		
4	2.40	3.65	11.05	29.50	25.67	55.17	21.55	87.77		
5	21.50	1.09	22.59	16.41	19.82	36.23	28.47	87.29		
6	28.32	3.43	31.75	23.94	20.24	44.18	33.93	139.36		
7	30.69	2.10	32.79	17.10	19.00	36.10	22.14	91.03		
8	35.24	0.84	36.08	14.08	19.50	33.58	30.69	100.35		
9	21.15	-	21.15	18.16	20.31	38.97	33.70	93.82		
10	35.31	-	35.31	15.34	17.27	32.61	23.03	90.95		
11	-	-	-	21.67	43.34	65.01	21.67	86.68		
12	19.00	-	19.00	15.20	-	15.20	15.20	49.40		
13	13.00	-	13.00	13.00	13.00	26.00	13.00	52.00		
14	15.25	-	15.25	3.04	-	3.04	7.64	25.93		
all sizes	23.55	4.60	28.15	26.84	32.30	59.14	41.51	128.80		

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

State : Kerala

Region : Northern

Rural

number of sample villages : 50

number of sample households : 615

size class of household operational holding (code)	number of households (00)	percentage of households not having working animals cattle	percentage of households not having working animals buffaloes	percentage of households not having any working cattle or buffaloes
(1)	(2)	(3)	(4)	(5)
0	953	98.43	100.00	98.43
1	4276	98.46	98.46	96.94
2	1472	92.32	96.74	89.06
3	602	100.00	100.00	100.00
4	1056	99.24	100.00	99.24
5	955	82.93	73.30	58.43
6	262	65.65	63.36	33.93
7	164	53.66	77.44	37.80
8	54	46.30	70.37	25.93
9	55	54.55	52.73	18.18
10	36	50.00	61.11	25.00
11	2	100.00	-	-
12	5	-	100.00	-
13	2	-	100.00	-
14	2	-	-	-
all sizes	9896	93.33	94.33	88.92

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

State : Kerala		Region : Northern							Rural	
									number of sample households : 615	
size class of households operational holding (code)	(1)	number owned per 100 households								(10)
		sheep	goats	horses & mules ponies	donkeys	camels	other draught animals	pigs	poultry	
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			(10)
0	-	16.16	-	-	-	-	-	-	-	174.19
1	-	32.10	-	-	-	-	-	-	-	113.36
2	-	55.43	-	-	-	-	-	-	-	232.83
3	-	48.34	-	-	-	-	-	-	-	64.73
4	-	9.23	-	-	-	-	-	-	-	199.34
5	-	55.92	-	-	-	-	-	-	-	323.14
6	-	62.21	-	-	-	-	-	-	-	396.95
7	-	67.66	-	-	-	-	-	-	-	381.71
8	-	96.30	-	-	-	-	-	-	-	566.67
9	-	65.45	-	-	-	-	-	-	-	578.18
10	-	55.56	-	-	-	-	-	-	-	644.44
11	-	100.00	-	-	-	-	-	-	-	-
12	-	40.00	-	-	-	-	-	-	-	1860.00
13	-	-	-	-	-	-	-	-	-	-
14	-	400.00	-	-	-	-	-	-	-	1200.00
all sizes	-	37.02	-	-	-	-	-	-	-	163.49

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

State : Kerala

Rural

number of sample villages : 60

number of sample households : 615

size class of household operational holding (code)	number (0.00) of agricultural machinery owned per 100 households										
	plough	ploughs	harrows	seed drills	sprayers	dusters	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	tractors
	wooden	iron									h.p. not available
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
0	3.15	-	-	-	-	-	-	-	-	-	-
1	1.52	-	-	-	-	-	-	-	-	-	-
2	14.54	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-
4	10.70	-	0.11	-	0.06	-	-	-	-	-	-
5	-	-	1.83	0.21	-	-	-	-	-	-	-
6	155.73	5.35	5.35	-	3.82	-	-	-	-	-	-
7	187.80	3.05	12.20	-	4.27	-	-	1.22	-	-	-
8	270.63	-	7.41	-	-	-	-	-	-	-	-
9	327.27	10.91	-	-	25.45	-	-	-	-	-	-
10	405.55	-	5.56	-	19.44	-	-	-	-	5.56	-
11	250.00	-	-	-	-	-	-	-	-	-	-
12	160.00	-	100.00	-	40.00	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	100.00	-
14	1200.00	100.00	-	-	-	-	-	-	-	-	-
all sizes	24.39	0.23	0.77	0.02	0.46	-	-	0.02	-	0.04	-

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

State : Kerala		Region : Northern					Rural
number of sample villages : 60							number of sample households : 615
size class of house- hold operational holding (code)	threshers	number(000)of agricultural machinery owned per 100 households					
		pumps	cane crushers	oil crushers	others		
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
0	-	-	-	-	-	-	31.69
1	-	-	-	-	-	-	75.04
2	-	-	-	-	-	-	232.58
3	-	-	-	-	-	-	155.98
4	-	-	6.16	12.31	-	-	125.85
5	-	0.21	2.30	-	-	-	335.81
6	-	0.76	4.53	8.40	-	-	416.03
7	-	-	8.54	1.22	-	1.22	440.85
8	-	3.70	14.81	3.70	-	-	559.26
9	-	-	14.55	-	-	-	727.27
10	-	-	30.56	11.11	-	-	811.11
11	-	-	-	-	-	-	400.00
12	-	-	-	-	-	-	100.00
13	-	100.00	-	-	-	-	2100.00
14	-	-	-	-	-	-	3050.00
all sizes	-	0.03	1.41	1.63	-	0.02	152.20

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

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

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)					all
	ploughs		ploughs	harrows	seed drills	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available	
	wooden	iron									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	19.45	-	-	-	-	-	-	-	-	-	-
2	50.90	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-
4	15.02	-	1.61	-	-	-	-	-	-	-	-
5	55.33	-	1.31	0.15	-	-	-	-	-	-	-
6	63.43	2.17	2.17	-	-	-	-	-	-	-	-
7	53.72	0.36	3.43	-	-	4.25	-	-	-	-	4.25
8	62.62	-	1.66	-	-	-	-	-	-	-	-
9	59.45	1.58	-	-	-	-	-	-	-	-	-
10	56.02	-	0.77	-	-	-	-	-	8.51	-	8.51
11	21.67	-	-	-	-	-	-	-	-	-	-
12	15.20	-	9.51	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	15.39	-	15.39
14	36.60	3.04	-	-	-	-	-	-	-	-	-
all sizes	45.17	0.52	1.41	0.05	-	4.25	-	11.95	-	-	9.38

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households ; 615

size class of household operational holding (code)	number of households (00)	percentage of households reporting					
		ploughs	neither	pumps	diesel	other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	953	1.57	-	98.43	-	-	-
1	4276	1.52	-	98.48	-	-	-
2	1472	11.14	-	88.86	-	-	-
3	602	-	-	100.00	-	-	-
4	1056	10.70	-	89.30	-	6.16	6.16
5	955	47.86	-	52.14	-	2.30	0.21
6	262	61.07	1.91	37.02	0.76	1.91	6.87
7	164	74.39	1.22	25.61	-	4.88	1.22
8	54	70.37	-	29.63	3.70	14.81	7.41
9	55	80.00	0.00	20.00	-	18.18	-
10	36	75.00	-	25.00	-	30.56	11.11
11	2	100.00	-	-	-	-	-
12	5	60.00	-	40.00	-	-	-
13	2	-	-	100.00	100.00	-	-
14	2	100.00	100.00	-	-	-	-
all sizes	9896	16.21	0.10	87.66	0.07	1.30	0.97

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households										
	hand- looms	semi- mechanical power looms	girming processing and boiling equipments	reeds, bobbins and other accessories used in spinning & weaving	ghansis	oil-mills (power driven)	rice mill- ing and pounding equipments	flour mill- ing and grinding equipments	sewing machines	other tailoring equipments	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
0	-	-	-	-	-	-	-	-	6.00	-	
1	-	-	-	-	-	-	-	-	3.04	-	
2	-	-	-	-	-	-	-	-	3.26	-	
3	-	-	-	-	-	-	-	-	-	-	
4	-	0.16	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	-	-	
6	-	-	-	-	-	-	-	-	0.76	-	
7	-	-	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	3.70	-	
9	-	-	-	-	-	-	18.13	-	-	-	
10	-	-	-	-	-	-	5.56	-	-	-	
11	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	40.00	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	
all sizes	-	0.02	-	-	-	-	0.14	-	2.63	-	

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households																									
	saws manually operated	saws-power driven	lathes	casting, melting welding equipments	furnace, bellows & other equipment in smoky shop	trims	potters wheels	scales, weights & measures	fishing nets & accessories	musical instruments	electric motors	oil engines	other equipments	(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
0	-	-	-	-	13.64	10.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.50	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.52	
2	-	-	-	-	16.30	-	4.42	3.26	-	-	-	-	-	-	-	-	-	3.26	-	-	-	-	-	-	110.80	
3	-	-	-	-	-	-	35.77	39.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	4.55	4.55	0.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	-	-	-	-	50.26	-	0.63	2.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.51	
6	0.76	-	-	-	-	-	-	3.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.43	
7	-	-	-	-	-	-	-	1.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.88	
8	-	-	-	-	-	-	50.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	-	13.18	-	-	-	-	-	-	10.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.18	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	377.73	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	60.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
all sizes	0.02	0.10	-	-	3.59	1.3	1.07	3.77	0.06	-	-	0.43	-	-	-	-	-	-	-	-	-	-	-	-	25.69	

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of household operational holding	number (0.00) of transport equipments owned per 100 households									others
	boats	motor cars	carts	bicycles	motor cycles/ scooters	trucks	trailers	passenger buses		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
0	-	-	-	-	-	-	-	-	-	-
1	-	-	-	1.12	-	-	-	4	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	2.72	-	-	-	-	-
6	-	-	-	-	1.53	-	-	-	-	-
7	-	3.05	3.05	3.05	-	-	-	-	-	-
8	-	-	9.26	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	5.56	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	100.00	100.00	200.00	-	-	-	-	-	-
14	-	-	-	0.00	-	-	-	-	-	-
all sizes	-	0.97	0.63	0.40	-	-	-	-	-	-

TABLE (16) : PERCENTAGE 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

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

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	buffaloes	other live- stock	agricul- tural machinery	non-farm business equipments	transport equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	45597	4785	45597	41.33	-	22.51	3.91	31.75	-
1	233714	5466	69574	34.63	0.70	23.32	6.19	34.54	0.62
2	235625	34350	120102	56.83	3.05	16.19	6.74	17.19	-
3	36797	14563	32969	61.03	16.41	14.63	4.37	3.56	-
4	648762	61436	86272	9.02	2.45	1.90	79.18	7.45	-
5	464650	48654	33719	30.59	27.06	18.04	21.31	2.50	0.50
6	245626	93750	33200	34.76	21.99	3.76	35.66	3.62	0.21
7	247027	150626	43036	31.18	5.75	2.63	30.33	8.26	17.85
8	93417	172994	38762	35.81	18.47	4.20	34.43	1.52	1.57
9	115233	209524	38158	29.25	21.89	2.17	17.42	29.27	-
10	179752	499311	63370	19.54	9.80	0.93	57.44	11.33	0.41
11	3822	191100	16617	51.28	32.05	12.82	3.85	-	-
12	17092	357840	33758	33.89	-	3.08	3.85	59.18	-
13	64486	3224400	214960	4.49	4.49	1.10	39.49	3.49	51.53
14	4778	238900	7351	43.72	25.64	6.40	8.53	-	10.26
all sizes		2688009	27163	50310	28.63	11.47	8.82	36.96	10.58
									3.14

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of opera- tional holding (code)	estimated no. 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	3335	4716	4276	232	386	334
2	1252	1691	1472	340	501	421
3	672	532	602	300	232	266
4	975	1137	1056	729	775	752
5	742	1166	955	1053	1703	1378
6	232	292	262	577	708	643
7	159	170	164	563	584	574
8	64	43	54	286	197	241
9	64	46	55	349	256	302
10	34	38	36	256	266	261
11	5	-	2	46	-	23
12	10	-	5	106	-	53
13	-	4	2	-	61	30
14	5	-	2	131	-	65
all sizes	8049	9837	8943	5013	5669	5343

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

State : Kerala		Region : Northern		Rural	
number of sample villages : 60		number of sample households : 615			
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	0.08	47.81	6.26	47.81	6.26
2	0.29	16.46	7.87	64.27	14.13
3	0.44	6.73	4.98	71.00	19.11
4	0.71	11.81	14.07	82.81	33.18
5	1.44	10.63	25.78	93.49	58.96
6	2.45	2.93	12.03	96.42	70.99
7	3.50	1.83	10.73	98.25	81.72
8	4.46	0.60	4.51	98.85	86.23
9	5.49	0.62	5.67	99.47	91.90
10	7.25	0.41	4.88	99.88	96.78
11	9.20	0.02	0.43	99.90	97.21
12	10.60	0.06	0.98	99.96	98.19
13	15.25	0.02	0.58	99.93	98.77
14	26.20	0.02	1.123	100.00	100.00
all sizes	0.60	100.00	100.00		
estimated number of operational holdings (00)	x	8943	x		
estimated area operated (00 hectares)	x	x	5343		

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of operational holding (code)	estimated number of holdings (⁰⁰)	owned area	percentage of holdings reporting leased in area						under any term
			for fixed money	for fixed produce	for share of produce	under usufructuary mortgage	other terms		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	4276	85.17	0.35	-	-	-	17.05	17.40	
2	1472	96.74	-	4.48	-	-	3.40	7.33	
3	602	100.00	-	-	-	-	-	-	
4	1056	99.43	-	4.54	-	-	0.57	5.11	
5	955	96.75	1.88	7.33	1.57	-	3.93	14.76	
6	262	97.33	1.53	9.92	0.76	-	4.20	16.41	
7	164	100.00	1.52	1.22	-	-	2.75	5.49	
8	54	100.00	-	7.41	-	-	3.70	11.11	
9	55	100.00	-	3.64	-	-	7.27	10.91	
10	36	100.00	11.11	25.00	-	5.56	25.00	66.67	
11	2	100.00	-	-	-	-	-	-	
12	5	100.00	-	-	-	-	-	-	
13	2	100.00	-	-	-	-	-	-	
14	2	100.00	-	-	-	-	-	-	
all sizes	8943	91.85	0.50	2.53	0.19	0.02	9.55	12.79	

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

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of operational holding	estimated area operated (00 hectares)	percentage of operated area leased in area							total	
		owned	for fixed money	for fixed produce	for share of produce	under usufructuary mortgage	other terms			
			(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	334	34.50	0.12	-	-	-	-	-	15.38	15.50
2	421	95.67	-	1.92	-	-	-	-	2.41	4.33
3	266	100.00	-	-	-	-	-	-	-	-
4	752 1457	56.28	-	1.29	-	-	-	-	0.43	1.72
5	1378	93.24	0.94	2.80	0.85	-	-	-	2.17	6.76
6	643	94.46	0.19	3.90	0.13	-	-	-	1.32	5.54
7	574 2575	96.52	0.42	0.42	-	-	-	-	0.64	1.43
8	241	95.13	-	2.35	-	-	-	-	2.63	5.03
9	302	95.59	-	1.47	-	-	-	-	2.94	4.41
10	261	90.63	2.64	3.26	-	-	0.62	3.11	9.63	
11	23	100.00	-	-	-	-	-	-	-	-
12	53	100.00	-	-	-	-	-	-	-	-
13	30	100.00	-	-	-	-	-	-	-	-
14	65 115	100.00	-	-	-	-	-	-	-	-
all sizes	5343	94.94	0.45	1.91	0.23	0.03	2.44	5.06		

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

State : Kerala

Region : Northern

Rural

number of sample villages : 60

number of sample households : 615

size class of operational holding (code)	number of operational holdings (00)	percentage of holdings individual	percentage of holdings joint	area operated (00 hectares)	percentage of area operated individually	percentage of area operated jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	4276	100.00	-	334	100.00	-
2	1472	100.00	-	421	100.00	-
3	602	100.00	-	266	100.00	-
4	1056	100.00	-	752	100.00	-
5	955	100.00	-	1378	100.00	-
6	262	100.00	-	643	100.00	-
7	164	100.00	-	574	100.00	-
8	54	100.00	-	241	100.00	-
9	55	100.00	-	302	100.00	-
10	36	100.00	-	261	100.00	-
11	2	100.00	-	23	100.00	-
12	5	100.00	-	53	100.00	-
13	2	100.00	-	30	100.00	-
14	2	100.00	-	65	100.00	-
all sizes	8943	100.00	-	5343	100.00	-

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

State : Kerala

number of sample villages : 60

Region : Northern

Rural

number of sample households : 615

size class of opera- tional holding (code)	number of holdings (00)	Percentage of holdings reporting attached farm workers	average no. of farm workers per report- ing holding during major crop season	average no. of farm workers per reporting holding during major crop season				per- ennial
				autumn	winter	spring	summer	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	4276	-	-	-	-	-	-	-
2	1472	-	-	-	-	-	-	-
3	602	-	-	-	-	-	-	-
4	1056	-	-	-	-	-	-	-
5	955	1.83	3.44	7.33	1.50	-	-	-
6	262	8.02	3.14	3.00	3.43	-	-	-
7	164	25.00	2.20	2.20	2.19	-	-	-
8	54	22.22	3.03	2.12	5.00	-	-	-
9	55	43.64	3.58	4.90	2.67	-	-	2.50
10	36	25.00	2.67	3.00	2.57	-	-	-
11	2	-	-	-	-	-	-	-
12	5	40.00	1.00	1.00	--	-	-	-
13	2	100.00	4.00	-	4.00	-	-	-
14	2	-	-	-	-	-	-	-
all sizes	8943	1.44	2.91	3.50	2.51	-	-	2.50

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

State : Kerala

Number of sample villages: 120

Region :: Southern

Rural

number of sample households :

1219

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	com-bined	sub-sample 1	sub-sample 2	com-bined	sub-sample 1	sub-sample 2	com-bined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	1991	3241	2616	-	-	-	3.94	4.40	4.23
1	7366	6847	7106	587	561	574	5.77	5.28	5.54
2	2464	1477	1970	706	433	569	6.24	6.26	6.25
3	743	845	794	395	371	353	5.04	6.22	5.67
4	1659	1619	1639	176	1172	1174	6.36	6.47	6.41
5	808	1123	966	161	1528	1344	6.56	6.21	6.35
6	256	244	250	625	599	612	6.86	6.82	6.84
7	115	90	102	412	322	367	6.67	7.34	7.00
8	34	45	40	155	201	178	9.09	8.71	8.75
9	17	19	18	95	104	99	6.94	8.11	7.55
10	17	26	22	115	163	139	8.24	8.38	8.14
11	11	6	8	104	6	82	13.27	6.50	11.50
12	6	6	6	58	65	62	9.33	7.50	8.33
13	6	6	6	90	129	110	4.67	8.50	6.67
14	-	-	-	-	-	-	-	-	-
all sizes	15493	15594	15543	5619	5708	5663	5.72	5.49	5.61

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

State : Kerala		Region : Southern		Rural
number of sample villages : 120		number of sample households : 1214		
size class of household ownership holding (code)	average area owned by house- hold (hectares)	percentage of households	cumulative percentage of households	area of
(1)	(2)	(3)	(4)	(5)
0	-	16.83	16.83	
1	0.06	45.72	62.55	10.13
2	0.29	12.67	75.22	20.19
3	0.44	5.11	80.33	26.42
4	0.72	10.54	90.87	47.16
5	1.39	6.21	97.08	70.89
6	2.45	1.61	98.69	81.69
7	3.60	0.66	99.35	88.16
8	4.45	0.26	99.61	91.30
9	5.50	0.12	99.73	93.06
10	6.32	0.14	99.87	95.52
11	10.25	0.05	99.92	96.97
12	10.33	0.04	99.96	98.96
13	18.33	0.04	100.00	100.00
14			100.00	100.00
all sizes	0.36	100.00	100.00	
estimated number of households	x	15543	x	
estimated area owned (00 hectares)	x	x	5663	
average area owned by land owning households (hectares)	0.44	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

Region: Southern

Rural

number of sample villages : 120

number of sample households: 1219

size class of household ownership holding (code)	estimated no.of households (00)	percentage of households leasing out land				estima- ted area owned (00 he- ctares)	percentage of owned area leasing out			
		under usufruc- tuary basis	on crop sharing basis	on other terms	under any term		under usufruc- tuary basis	on crop sharing basis	on other terms	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	7106	1.18	0.55	3.43	5.16	574	0.71	0.42	3.03	4.16 24 8.48
2	1970	8.38	-	1.98	10.36	569	1.92	-	0.71	2.63 10 38.87
3	794	5.42	-	10.08	16.50	353	2.06	-	2.41	4.47 4.73
4	1639	4.51	4.88	6.96	14.77	1174	0.94	2.34	3.45	6.73
5	966	7.87	3.93	6.31	16.77	1344	1.81	0.99	1.75	4.55
6	250	2.40	6.00	20.80	24.00	612	0.66	0.79	3.97	5.42 107.5781
7	102	2.94	2.94	7.84	11.76	367	0.33	0.66	2.43	3.42
8	40	7.50	-	-	7.50	178	2.51	-	-	2.51
9	18	33.33	16.67	55.56	83.33	99	2.44	0.81	12.20	15.45
10	22	-	-	45.45	45.45	139	-	-	2.33	2.33
11	8	-	37.50	37.50	75.00	82	-	21.18	1.48	22.66 42/4.84
12	6	-	-	50.00	50.00	62	-	-	0.00	0.00
13	6	-	-	-	-	110	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	12927	3.62	1.40	4.83	9.39	5663	1.24	1.21	2.54	4.99 283

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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

Region : Southern

Rural

number of sample villages : 120

number of sample households: 1219

size class of households ownership holding (code)	estim- ated no. of house- holds (00)	percentage of households leasing in land					estim- ated area owned (00 hect- ares)	percentage of area leased in					total	
		for fixed money pro- duce	for fixed pro- duce	for share of fruc- tuary mort- gage	'under' usu- al terms	'under' other any term		for fixed money pro- duce	for fixed pro- duce	for share of fruc- tuary mort- gage	'under' usu- al terms	on other terms		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0*	2616	7.49	3.92	0.34	1.61	40.83	49.01	-	34	64	12	42	212	364
1	7106	2.32	4.48	1.41	0.55	3.26	10.67	574	4.51	10.65	4.37	0.07	5.92	25.52
2	1970	2.89	3.25	1.32	0.15	4.57	11.83	569	2.63	8.59	1.28	0.07	2.41	14.98
3	794	9.70	3.02	-	1.76	3.53	18.14	353	1.38	5.85	-	0.92	0.69	8.84
4	1639	3.78	5.98	4.88	2.56	8.72	24.48	1174	2.52	5.72	1.62	0.41	2.07	12.34
5	966	1.86	8.90	1.55	1.14	6.63	19.05	1344	0.51	3.37	0.36	0.24	2.98	7.46
6	250	5.20	2.40	3.20	2.40	10.80	21.60	612	0.53	1.26	0.25	0.26	2.45	4.76
7	102	5.88	7.84	2.94	-	11.76	25.49	367	0.77	1.32	0.88	-	1.32	4.29
8	40	7.50	-	-	-	7.50	15.00	178	1.37	-	-	-	1.82	3.19
9	18	16.67	-	-	-	-	16.67	99	0.81	-	-	-	-	0.81
10	22	13.64	-	-	13.64	-	27.28	139	0.87	-	-	-	-	0.87
11	18	-	-	-	-	-	-	82	-	-	-	-	-	-
12	06	-	-	-	-	-	-	62	-	-	-	-	-	-
13	06	100.00	-	-	-	100.00	110	5,17	-	-	-	-	-	5.17
14														
All sizes	15543	3.92	8.93	1.55	1.03	10.73	19.96	5663	1.98	4.97	1.16	0.54	3.94	12.59

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

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

State : Kerala

Region : Southern

Rural

number of sample villages : 120

number of sample households : 1219

size class of household operational holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated household size			combined
	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	1682	2362	2022	-	-	-	3.84	4.04	3.95	-
0.1	292	-	146	-	-	-	-	-	-	-
0.2	390	2362	1876	-	-	-	-	-	-	-
1	567	7081	7324	602	566	584	5.67	5.19	5.43	
2	514	1827	2170	732	557	645	6.22	6.29	6.26	
3	652	822	737	293	365	329	5.35	5.75	5.57	
4	673	1813	1743	1216	1284	1250	6.33	6.49	6.41	
5	896	1175	1036	1292	1612	1452	6.55	6.33	6.42	
6	275	270	272	682	651	666	7.19	7.20	7.25	
7	121	116	118	422	409	435	6.39	7.59	7.00	
8	34	77	56	153	341	247	8.76	7.83	8.04	
9	45	13	29	241	66	153	9.49	8.38	9.24	
10	11	26	18	81	164	123	6.09	8.38	7.89	
11	11	-	6	102	-	51	13.27	-	13.27	
12	6	6	6	58	65	61	9.33	7.50	8.33	
13	6	-	3	97	-	49	4.67	-	4.67	
14	-	6	3	-	134	67	-	8.50	8.50	
all sizes	15493	15594	15543	5971	6214	6092	5.72	5.49	5.61	

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

State : Kerala		Region -> Southern		Rural			
number of sample villages : 120		percentage of households area operated		number of sample households: 1219 cumulative percentage area operated			
size class of household operational holding (code)	average area operated by household (hectares)	(1)	(2)	(3)	(4)	(5)	(6)
0	—	—	13.01	—	13.01	—	—
1	0.08	0.08	47.12	9.59	60.13	9.59	9.59
2	0.29	0.29	13.96	10.59	74.09	20.17	20.17
3	0.45	0.45	4.74	5.40	78.83	25.57	25.57
4	0.72	0.72	11.21	20.52	90.04	46.09	46.09
5	1.40	1.40	6.67	23.83	29.71	69.92	69.92
6	2.45	2.45	1.75	10.93	98.46	80.85	80.85
7	3.52	3.52	0.76	6.81	99.22	87.66	87.66
8	4.41	4.41	0.36	4.06	99.58	91.72	91.72
9	5.28	5.28	0.19	2.52	99.77	94.24	94.24
10	6.83	6.83	0.11	2.81	99.88	96.25	96.25
11	8.50	8.50	0.04	0.84	99.92	97.09	97.09
12	10.17	10.17	0.04	1.01	99.96	98.10	98.10
13	16.33	16.33	0.02	0.80	99.98	98.90	98.90
14	22.33	22.33	0.02	1.10	100.00	100.00	100.00
all sizes	0.39	0.39	100.00	100.00			
estimated number of households (00)	x	x	15543	x			
estimated area operated (00 hectares)	x	x	x	6092			
average area operated by land operating households(hectares)	0.45	0.45	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

Region : Southern

Rural

number of sample village: 120

number of sample households : 1219

size class of household operational holding (code)	number of cattle owned per 100 household								
	males 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	-	0.59	0.59	1.48	3.21	4.69	4.75	10.03	
1	1.06	0.57	1.63	4.97	9.86	14.83	16.55	33.01	
2	12.85	1.80	14.65	20.64	24.24	44.88	39.08	98.61	
3	8.28	1.22	9.50	36.50	32.29	68.79	54.00	132.29	
4	25.13	1.66	26.79	32.47	46.59	79.06	60.01	165.86	
5	43.44	1.93	45.37	41.41	56.76	98.17	72.78	216.32	
6	80.51	4.78	85.29	52.94	72.79	125.73	97.06	308.08	
7	69.49	2.54	72.03	54.24	83.05	137.29	91.53	300.85	
8	92.86	5.36	98.22	69.64	78.57	148.21	107.14	353.57	
9	106.90	-	106.90	100.00	110.34	210.34	137.93	455.17	
10	-	-	-	66.67	66.67	133.34	122.22	255.56	
11	183.33	-	183.33	50.00	233.33	283.33	50.00	516.66	
12	-	-	-	100.00	-	100.00	100.00	200.00	
13	200.00	-	200.00	200.00	-	200.00	200.00	600.00	
14	-	-	-	-	100.00	100.00	100.00	200.00	
all sizes	10.98	1.09	12.07	15.50	21.57	37.07	31.31	80.45	

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

State : Kerala

Region: Southern

Rural

number of sample villages : 120

number of sample households: 1219

size class of household operational holding (code)	number (in '000) of represented households							young stock	total	no. of cattle and buffaloes per 100 households (0.00)						
	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	-	-	-	0.30	1.48	1.78	-	-	1.78	11.81						
1.	1.15	-	1.15	0.53	0.57	1.10	1.06	3.31	3.31	36.32						
2	3.59	-	3.59	-	1.80	1.80	-	5.39	5.39	104.00						
3	1.90	-	1.90	-	1.22	1.22	-	3.12	3.12	135.42						
4	6.02	-	6.02	4.36	1.89	6.25	4.13	16.40	16.40	182.26						
5	11.39	0.29	11.68	3.09	0.87	3.96	1.35	16.99	16.99	233.31						
6	22.79	-	22.79	8.82	1.84	10.66	4.41	37.86	37.86	345.94						
7	33.90	-	33.90	7.63	2.54	10.17	2.54	46.61	46.61	347.46						
8	57.14	-	57.14	5.36	30.36	35.72	-	92.86	92.86	446.43						
9	96.55	-	96.55	27.59	10.34	37.93	10.34	144.82	144.82	599.99						
10	100.00	-	100.00	-	-	-	-	-	100.00	355.56						
11	183.33	50.00	233.33	-	100.00	100.00	-	333.33	333.33	849.99						
12	100.00	-	100.00	-	-	-	-	-	100.00	300.00						
13	200.00	-	200.00	-	-	-	-	-	200.00	800.00						
14	200.00	-	200.00	-	-	-	-	-	200.00	400.00						
all sizes	3.91	6.04	3.95	1.27	1.26	2.53	1.17	7.65	7.65	88.10						

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

Region : Southern

Rural

number of sample households : 1219

number of sample villages : 120

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*	-	12	12	30	65	95	96	203		
1	13.37	7.19	20.56	62.34	123.62	185.96	207.54	414.06		
2	43.27	6.05	49.32	69.48	81.59	151.07	131.53	331.92		
3	18.53	2.74	21.27	81.77	72.65	154.42	120.95	296.64		
4	35.04	2.32	37.36	45.27	64.96	110.23	83.67	231.26		
5	30.99	1.38	32.37	29.55	40.50	70.05	51.91	154.33		
6	32.86	1.95	34.81	21.62	29.73	91.35	39.63	125.79		
7	19.77	0.72	20.49	15.42	23.62	39.04	26.04	85.57		
8	21.03	1.21	22.24	15.76	17.79	33.55	24.27	80.06		
9	20.16	-	20.16	18.85	20.81	39.66	26.02	85.84		
10	-	-	-	9.81	9.81	19.62	17.99	37.61		
11	21.57	-	21.57	5.88	27.45	33.33	5.88	60.78		
12	-	-	-	9.76	-	9.76	9.76	19.52		
13	12.35	-	12.35	12.35	-	12.35	12.35	27.05		
14	-	-	-	-	4.47	4.47	4.47	8.94		
all sizes	28.02	2.79	30.81	39.54	55.03	94.57	79.86	205.24		

*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

Region : Southern

Rural

number of sample villages: 120

number of sample households: 1219

size class of household operational holding (code)	no.of buffaloes owned per 100 hectares of operated area									no.of cattle and buffaloes owned per 100 hectares of operated area	
	males over 3 years			females over 3 years			young stock	total			
	work- ing	others	sub- total	in- milk	others	sub- total					
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)		
0*	-	-	-	6	30	36	-	36	239		
1	14.38	-	4.30	6.67	7.19	13.86	13.37	41.61	455.67		
2	12.11	-	12.11	-	6.05	6.05	-	18.16	350.08		
3	4.25	-	4.25	-	2.74	2.74	-	6.99	303.63		
4	8.40	-	8.40	6.08	2.64	8.72	5.76	22.88	254.14		
5	8.13	0.20	8.33	2.20	0.62	2.82	0.96	12.11	166.44		
6	9.32	-	9.31	3.61	0.74	4.35	1.80	15.46	141.25		
7	9.64	-	9.64	3.17	0.72	2.89	0.72	13.25	98.82		
8	12.95	-	12.95	1.21	6.87	8.08	-	21.03	101.09		
9	18.21	-	18.21	5.19	1.95	7.14	1.95	27.30	113.14		
10	14.73	-	14.73	-	-	-	-	14.73	52.34		
11	21.57	5.88	27.45	-	11.76	11.76	-	39.21	99.99		
12	9.76	-	9.76	-	-	-	-	9.76	29.28		
13	12.35	-	12.35	-	-	-	-	12.35	49.40		
14	8.92	-	8.92	-	-	-	-	8.92	17.86		
all sizes	9.98	0.10	10.08	3.24	3.21	6.45	2.99	19.52	224.76		

*For the 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
BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Kerala

number of sample villages : 120

Region : Southern

Rural

number of sample households : 1219

size class of household operational holding (code)	number of households (00)	percentage of households <u>not having working animals</u>		percentage of households not having any working cattle or buffaloes
		cattle	buffaloes	
(1)	(2)	(3)	(4)	(5)
0	2022	100.00	100.00	100.00
1	7324	99.45	99.43	98.88
2	2170	92.44	98.25	90.88
3	737	95.25	99.05	94.30
4	1743	85.83	96.04	82.39
5	1036	77.03	94.59	71.24
6	272	58.82	90.44	54.41
7	118	66.10	83.05	59.32
8	56	53.57	71.43	50.00
9	29	62.07	68.97	62.07
10	18	100.00	66.67	66.67
11	6	50.00	50.00	50.00
12	6	100.00	50.00	50.00
13	3	-	-	-
14	03	100.00	-	-
all sizes	15543	94.13	98.06	92.55

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

State : Kerala

Region: Southern

Rural

number of sample villages : 120

number of sample households : 1219

size class of households operational holding (code)	number (approx.) 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	-	7.42	-	-	-	-	-	1.19	48.96
1	-	21.65	-	-	-	-	-	-	256.02
2	-	9.96	-	-	-	-	-	1.17	764.38
3	0.95	51.83	-	-	-	-	-	0.81	170.42
4	0.52	34.31	-	-	-	-	-	7.06	400.17
5	-	58.01	-	-	-	-	-	7.53	373.55
6	-	28.25	-	-	-	-	-	6.23	451.84
7	5.08	69.49	-	-	-	-	-	22.03	629.66
8	-	57.14	-	-	-	-	-	17.86	1817.85
9	-	386.21	-	-	-	-	-	48.28	965.52
10	-	16.67	-	-	-	-	-	33.33	783.88
11	-	50.00	-	-	-	-	-	-	1165.67
12	-	250.00	-	-	-	-	-	100.00	733.33
13	-	-	-	-	-	-	-	-	5600.00
14	-	200.00	-	-	-	-	-	-	533.33
all sizes	0.14	28.87	-	-	-	-	-	2.72	335.45

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

State : Kerala

Region : Southern

Rural

number of sample villages : 120

number of sample households: 1219

size class of house- hold operational holding (code)	number (0.00) agricultural machinery owned 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.	h.p. & not available							
							(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
0	-	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	0.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	14.38	1.22	5.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	39.36	1.89	3.56	0.40	0.52	0.92	-	-	-	-	-	-	-	-	-	-	-	-
5	79.54	13.90	9.07	1.35	4.63	1.93	-	-	-	-	-	-	-	-	-	-	-	-
6	135.29	30.83	16.91	-	13.24	7.35	-	-	-	-	-	-	-	-	-	-	-	-
7	202.54	11.86	11.86	-	12.71	-	-	-	-	-	-	-	-	-	-	-	-	-
8	151.79	21.43	10.71	-	39.29	5.36	-	-	-	-	-	-	-	-	-	-	-	-
9	282.76	27.59	20.69	-	48.28	-	-	-	-	-	-	-	-	-	-	-	-	-
10	155.56	-	-	-	44.44	-	-	-	-	-	-	-	-	-	-	-	-	-
11	133.33	-	-	-	100.00	-	-	-	-	-	-	-	-	-	-	-	-	-
12	133.33	-	-	-	50.00	-	-	50.00	-	-	-	-	-	-	-	-	-	-
13	200.00	-	200.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	200.00	-	-	-	100.00	-	-	-	-	-	-	-	-	-	-	-	-	-
all sizes	16.55	2.26	1.78	0.14	1.06	0.38	0.02	-	-	-	-	-	-	-	-	-	-	-

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

State : Kerala

Region : Southern

Rural

number of sample villages : 120

number of sample households : 1219

size class of household operational holding (code)	(23)	number (approx.) of agricultural machinery owned per 100 households						
		threshers	pumps	electric	diesel	others	cane crushers	oil crushers
(1)	(14)	(15)	(16)	(17)	(18)	(19)		
0	-	-	-	-	-	-	-	34.42
1	-	-	-	-	-	-	-	96.89
2	-	-	-	-	-	-	-	250.09
3	-	0.95	-	-	-	-	-	184.53
4	-	0.92	0.52	-	-	-	0.52	306.71
5	0.58	2.12	1.74	1.16	0.29	0.58	0.58	422.59
6	1.10	11.76	5.51	3.68	1.10	-	-	590.81
7	-	16.95	6.78	5.08	-	-	-	633.90
8	-	5.36	10.71	-	-	-	-	1125.00
9	-	-	10.34	20.69	-	-	-	1389.65
10	-	16.67	33.33	-	-	-	-	1211.11
11	-	133.33	100.00	-	-	-	-	466.67
12	-	-	-	-	-	-	-	566.67
13	-	-	266.67	-	-	-	-	-
14	-	-	-	-	-	-	-	433.33
all sizes	0.06	0.71	0.51	0.22	0.04	0.10	180.04	

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

Region : Southern

Rural

number of sample villages: 120

number of sample households : 1219

size class of household operational holding (code)	estimated number (0.0) of agricultural machinery per 100 hectares of operated area				estimated area operated per tractor (0.0 hectares)						
	plough		ploughs	harrows	seed drills	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p.	not h.p. & above available	all
	wooden	iron									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	-	7.19	-	-	-	-	-	-	-	-	-
2	19.55	-	-	-	-	-	-	-	-	-	-
3	32.22	2.74	12.77	-	-	-	-	-	-	-	-
4	54.88	2.64	4.97	0.57	-	-	-	-	-	-	-
5	56.76	9.91	6.47	0.96	-	-	-	-	-	-	-
6	55.25	12.60	6.89	-	-	-	-	-	-	-	-
7	57.59	3.37	3.37	-	-	-	-	-	-	-	-
8	34.41	4.86	2.42	-	-	-	-	-	-	-	-
9	53.60	5.23	3.92	-	-	-	-	-	-	-	-
10	22.76	-	-	-	-	-	-	-	-	-	-
11	15.69	-	-	-	-	-	-	-	-	-	-
12	13.11	-	-	-	10.93	-	-	-	-	-	10.93
13	12.24	-	12.24	-	-	-	-	-	-	-	-
14	8.96	-	-	-	-	-	-	-	-	-	-
all sizes	42.23	5.78	4.52	0.35	10.93	-	-	-	-	-	10.93

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

State : Kerala

number of sample villages : 120

Region: Southern

number of sample households : 1219

Rural

size class of household operational holding (code)	number of households (00)	percentage of households reporting					
		ploughs		neither wooden nor iron plough	electric	pumps	
		wooden	iron			diesel	other
-(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	2022	-	0.38	99.65	-	-	-
1	7324	-	0.57	99.43	-	-	-
2	2170	12.70	-	87.28	-	-	-
3	737	11.13	1.22	88.87	0.95	-	-
4	1743	23.81	1.89	76.19	0.92	0.52	-
5	1036	39.77	10.62	58.88	2.12	1.74	1.16
6	272	57.35	18.48	40.44	15.78	5.51	3.68
7	118	61.02	9.32	47.46	13.56	6.78	5.08
8	56	71.43	10.71	26.79	5.36	5.36	--
9	29	68.97	10.34	20.69	-	10.34	20.69
10	18	55.88	-	56.00	16.67	33.33	-
11	06	50.00	-	50.00	50.00	100.00	-
12	06	50.00	-	50.00	-	-	-
13	03	100.00	-	-	-	100.00	*
14	03	100.00	-	-	-	-	-
all sizes		15543	9.63	1.75	89.98	0.66	0.46
							0.21

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 : 120

Region : Southern

Rural

number of sample households : 1219

size class of household opera- tional holding (code)	no. of non-farm business equipment owned per 100 households										
	hand looms	semi-auto- matic power looms	ginning pressing and balling equipments	reeds, boojis and other	accessories used in spinning & weaving	spun fibres	oil mills (power driven)	rice mill- ing and pounding equipments	flour mill- ing and grinding equipments	sewing machines	other tailoring equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
0	-	-	-	-	-	-	-	-	-	0.30	-
1	1.06	-	-	-	-	0.57	-	-	-	0.53	1.60
2	5.81	-	-	-	-	-	-	-	-	-	3.59
3	2.44	-	-	-	-	-	-	-	-	1.90	-
4	-	-	-	0.52	-	-	-	-	-	1.89	2.93
5	-	-	-	-	-	-	-	0.29	-	0.87	1.74
6	2.21	-	-	-	-	-	1.10	1.10	-	1.10	-
7	-	-	-	5.08	-	-	-	2.54	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
9	-	-	10.34	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-
all sizes	1.47	-	0.02	0.10	0.27	0.02	0.06	-	0.67	1.70	-

TABLE (14) CONTD. : 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 : 120

Region : Southern

Rural
number of sample shouseholds: 1219

size class of household operational holding	no. of non farm business equipments owned per 100 households														
	saws manually operated	saws power driven	lathes	easting & welding & melting & equipment	furnace & other	bellows	in smithy shop	skilns	potter's wheels	weights & measures	fishing & acc	resorsses	musical instruments	electric motors	oil engines
(1)	(2)	(13)	(14)	(15)	(16)	(17)	(18)	(19)*	(20)	(21)	(22)	(23)	(24)		
0	-	-	-	-	11.62	-	-	0.59	-	-	-	-	7.81	66.67	
1	0.53	-	-	-	-	86.69	-	6.85	2.29	-	-	-	-	56.88	
2	-	-	-	-	38.76	-	-	27.00	-	-	-	-	1.94	9.26	
3	-	-	-	-	-	-	-	70.56	-	-	-	-	-	5.43	
4	-	-	-	6.31	-	-	-	23.52	-	-	-	-	-	92.54	
5	-	-	-	-	-	-	-	6.76	-	-	-	-	-	9.27	
6	-	1.10	-	-	-	-	-	44.85	-	-	-	-	-	20.59	
7	-	-	-	-	-	2.54	2.54	11.02	-	-	-	-	-	145.76	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	28.57	
9	-	-	-	-	-	-	-	155.17	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	50.00	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	100.00	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
size	0.25	0.02	-	0.71	6.92	40.87	0.02	14.67	1.08	-	-	1.29	49.63		

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

State : Karnataka

Region : Southern

Rural

number of sample villages : 120

number of sample households : 1249

size class of household operational holding (code)	number of transport equipments owned per 100 households									others
	boats	motor cars	carts	bicycles	motor cycles/ scooters	trucks	trailers	passenger buses	(10)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
0	-	-	3.12	0.59	-	-	-	-	-	-
1	1.77	-	0.53	4.89	-	-	-	-	-	-
2	-	1.80	1.94	5.53	-	-	-	1.80	-	-
3	10.31	-	1.22	8.68	-	-	-	-	-	-
4	2.87	0.40	1.03	12.16	-	-	-	-	-	-
5	5.79	0.58	0.58	9.07	1.35	0.29	-	-	0.29	-
6	6.62	2.94	2.21	7.35	1.10	2.21	-	-	-	-
7	16.95	2.54	-	11.86	2.54	-	-	-	11.86	-
8	-	10.71	10.71	10.71	-	-	-	-	-	-
9	-	10.34	-	20.69	-	-	-	-	-	-
10	122.22	-	-	-	-	-	-	-	-	-
11	50.00	-	50.00	100.00	50.00	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	100.00	100.00	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
All sizes	2.44	0.46	1.25	5.89	0.15	0.06	0.25	-	0.11	-

TABLE (16) : PERCENTAGE OF SHARES OF VALUE OF OWNED (i) CATTLE (ii) BUFFALOES
 (iii) OTHERS 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 : 120

Region : Southern

number of sample households : 1219

Rural

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 asset per 100 hectares of operated area (Rs.00)	percentage shares of value of owned					
				cattle	buffaloes	other agricultural machinery	live-stock	non-farm business equipments	transport equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	93190	4609	93190*	23.37	8.74	10.50	3.49	43.00	10.90
1	694033	9476	118841	34.98	5.78	20.37	4.98	24.57	9.32
2	898077	41386	139237	25.04	1.96	9.76	3.08	29.75	30.41
3	555442	75365	168827	23.21	0.59	4.31	3.27	60.93	7.69
4	771933	44288	61755	45.53	9.78	7.03	10.43	6.29	20.94
5	708744	68412	48812	42.66	5.41	6.28	17.62	4.76	23.27
6	811801	298457	121892	14.48	2.14	1.83	12.52	15.80	53.23
7	606522	514002	146150	9.24	3.35	1.36	9.54	64.15	12.36
8	146688	261943	59387	18.99	9.50	4.68	21.96	5.98	33.89
9	138443	177390	90456	11.71	5.83	3.77	20.96	20.02	37.71
10	45827	254594	37258	15.52	8.23	3.30	52.50	-	20.45
11	103897	1731617	203720	8.99	2.52	0.27	29.73	-	58.49
12	26290	438167	43098	10.23	5.34	3.47	69.97	10.99	-
13	351953	11731767	718271	0.92	0.40	0.20	12.09	65.87	20.52
14	2311	77033	3449	13.89	41.67	13.89	30.55	-	-
all sizes	5955151	38314	97754	25.40	4.24	6.73	10.52	28.33	24.78

*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.

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

State : Kerala

Region : Southern

Rural

number of sample villages : 120

number of sample households: 1219

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	7566	7083	7324	602	566	584
2	2514	1827	2170	732	557	645
3	652	822	737	293	365	329
4	1673	1813	1743	1216	1284	1250
5	896	1194	1045	1292	1612	1452
6	275	276	276	682	651	666
7	121	122	122	422	409	415
8	34	77	56	153	341	247
9	45	13	29	241	66	153
10	11	26	18	81	164	123
11	11	-	6	102	-	51
12	6	6	6	58	65	61
13	6	-	3	97	-	49
14	-	6	3	-	134	67
all sizes	13610	13265	13538	5971	6214	6092

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

State : Kerala		Region : Southern		Rural	
				number of sample households : 1219	
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	0.08	54.10	9.58	54.10	9.58
2	0.30	16.03	10.58	70.13	20.16
3	0.45	5.44	5.40	75.57	25.56
4	0.72	12.87	20.52	88.44	46.08
5	1.39	7.72	23.83	96.16	69.91
6	2.41	2.04	10.93	98.20	80.84
7	3.40	0.90	6.81	99.10	87.65
8	4.41	0.41	4.06	99.51	91.71
9	5.28	0.21	2.52	99.72	94.23
10	6.83	0.13	2.01	99.85	96.24
11	8.50	0.04	0.84	99.89	97.08
12	10.17	0.04	1.01	99.93	98.09
13	16.33	0.02	0.80	99.95	98.89
14	22.33	0.05	1.11	100.00	100.00
all sizes	0.45	100.00	100.00		
estimated number of operational holding (00)		13538			
estimated area operated (00. hectares)*			6092		

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

State : Kerala

Region : Southern

Rural

number of sample villages : 120

number of sample households : 1219

size class of operational holding (code)	estimated number of holdings (cc)	area owned	percentage of holdings reporting leased in area						under any term
			for mixed money	for fixed produce	for share of produce	under unsufructuary mortg-	other terms		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	7324	89.13	2.75	3.55	0.66	0.53	9.61	15.43	
2	2170	98.06	3.87	3.87	3.87	1.94	11.34	21.47	
3	737	97.96	10.31	2.17	1.22	1.22	5.16	19.27	
4	1743	97.30	2.64	9.87	4.42	3.73	13.08	32.36	
5	1045	97.13	6.12	14.16	1.82	1.05	7.47	30.62	
6	276	98.91	5.80	15.22	2.90	3.62	12.68	36.96	
7	122	99.64	7.38	14.75	-	2.46	11.48	36.07	
8	56	100.00	5.36	17.86	5.36	-	25.00	39.29	
9	29	100.00	20.69	20.69	-	10.34	20.69	58.62	
10	18	100.00	16.67	-	-	-	-	16.67	
11	6	100.00	-	-	-	-	-	-	
12	6	100.00	-	-	-	-	-	-	
13	3	100.00	100.00	-	-	-	-	100.00	
14	3	100.00	100.00	-	-	-	-	100.00	
all sizes	13538	93.48	3.89	5.58	1.84	1.34	10.06	22.68	

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

Region : Southern

Rural

number of sample villages : 120

number of sample households : 1219

size class of operational holding (code)	estimated area opera- ted(00 hectares)	owned area	percentage of operated area					total
			for fixed money	for fixed produce	for shape of produce	under unsuf- fructuary mortgage	other terms	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	584	88.29	0.97	3.88	0.42	0.55	5.89	11.71
2	645	87.38	2.01	2.26	2.76	1.32	4.27	12.62
3	329 558	93.60	1.72	1.97	0.49	0.25	1.97	6.40
4	1250	86.50	0.71	5.24	1.81	0.91	4.83	13.50
5	1452	88.80	1.84	5.82	0.67	0.33	2.54	11.20
6	666	87.30	2.55	6.38	0.36	0.24	3.17	12.70
7	415	88.68	3.12	4.20	-	0.20	3.80	11.32
8	247	89.20	0.65	5.89	1.31	-	2.95	10.80
9	153	71.05	3.68	14.21	-	-	11.06	28.95
10	123	99.01	0.99	-	-	-	-	0.99
11	51	100.00	-	-	-	-	-	-
12	61	100.00	-	-	-	-	-	-
13	49	93.33	6.67	-	-	-	-	6.67
14	67	96.39	3.61	-	-	-	-	3.61
	751							
all sizes	6092	88.32	1.71	4.76	0.98	0.52	3.71	11.68

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

State : Kerala

Region : Southern

Rural

number of sample villages : 120

number of sample households : 1219

size class of operational holding (code)	number of operational holdings (00)	percentage of holdings		area operated (00 hect-ares)	percentage of area operated	
		individual	joint		individually	jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	7324	100.00	-	584	100.00	-
2	2170	100.00	-	645	100.00	-
3	737	100.00	-	329	100.00	-
4	1743	100.00	-	1250	100.00	-
5	1045	100.00	-	1452	100.00	-
6	276	100.00	-	666	100.00	-
7	122	100.00	-	415	100.00	-
8	56	100.00	-	247	100.00	-
9	29	100.00	-	153	100.00	-
10	18	100.00	-	123	100.00	-
11	6	100.00	-	51	100.00	-
12	6	100.00	-	61	100.00	-
13	3	100.00	-	49	100.00	-
14	3	100.00	-	67	100.00	-
all sizes	13538	100.00	-	6092	100.00	-

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

State : Kerala

Region : Southern

Rural

number of sample villages : 120

number of sample households : 1219

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	7324	1.68	1.32	-	-	-	-	1.32
2	2170	-	-	-	-	-	-	-
3	737	1.22	2.00	-	2.00	-	-	-
4	1743	4.13	2.38	1.00	2.69	2.56	-	2.11
5	1045	14.74	2.33	2.81	2.12	4.17	1.00	1.31
6	276	27.54	2.46	1.33	2.69	2.17	-	1.67
7	122	31.97	2.15	1.00	2.30	-	-	2.09
8	56	48.21	4.11	1.00	3.60	12.67	-	2.67
9	29	41.38	1.75	-	1.83	-	-	1.67
10	18	33.33	2.00	-	2.00	-	-	2.00
11	6	50.00	21.33	-	-	21.33	-	-
12	6	50.00	8.67	8.67	-	-	-	-
13	3	-	-	-	-	-	-	-
14	3	100.00	7.33	-	7.33	-	-	-
ET.size	13538	3.89	2.35	2.44	2.31	5.02	1.00	1.55