



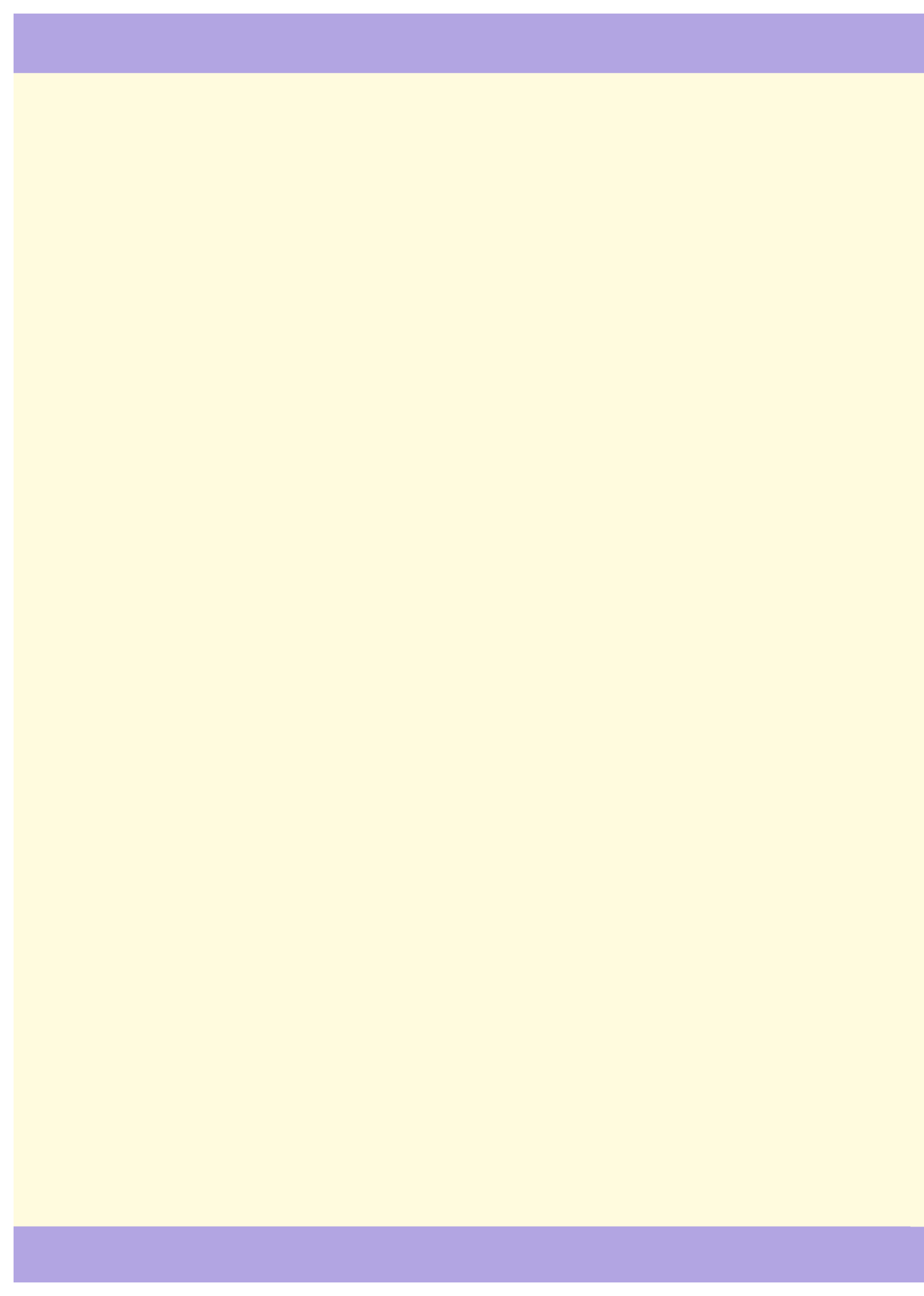
Government of Kerala

**Report on
'Land and Livestock Holdings' in Kerala**

**NSS 70th Round
January-December 2013**

NSS Division

Department of Economics and Statistics



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Preface

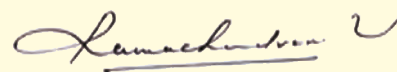
The National Sample Survey Organisation (NSSO) under the Ministry of Statistics and Programme Implementation, Government of India has been conducting nationwide surveys on 'Land and Livestock Holdings' in the household sector on decennially basis. These surveys generate basic quantitative information on various types of land, classified by kind and duration of possession by the households, pattern of land use in terms of cropping or livestock farming etc. that provide a holistic view of the nature of livelihood of the rural population. Pattern-of use of land and livestock holdings is a basic requirement to understand the extent of economic activity pursued on land and livestock holdings of the Indian households.

NSSO conducted a nation-wide survey on 'Land and Livestock Holdings' as a part of its 70th round (January-December 2013) survey in rural sector. As the National Sample Survey (NSS) samples were small, the State Governments were invited to participate with matching samples so as to enable the preparation of estimates at sub-state level which was not possible with 'Central Sample' alone. Thus, Kerala has been participating in the National Sample Surveys from the very beginning with matching samples by collecting data adopting the same sampling design, schedules and instructions for field staff.

This report is based on the 70th round 'State Sample data' on 'Land and Livestock Holdings' collected by the Department of Economics and Statistics, Kerala. Based on the State sample data collected by the department, during the entire period of survey, important indicators of ownership and operational holdings of land and livestock, have been developed and presented in this document.

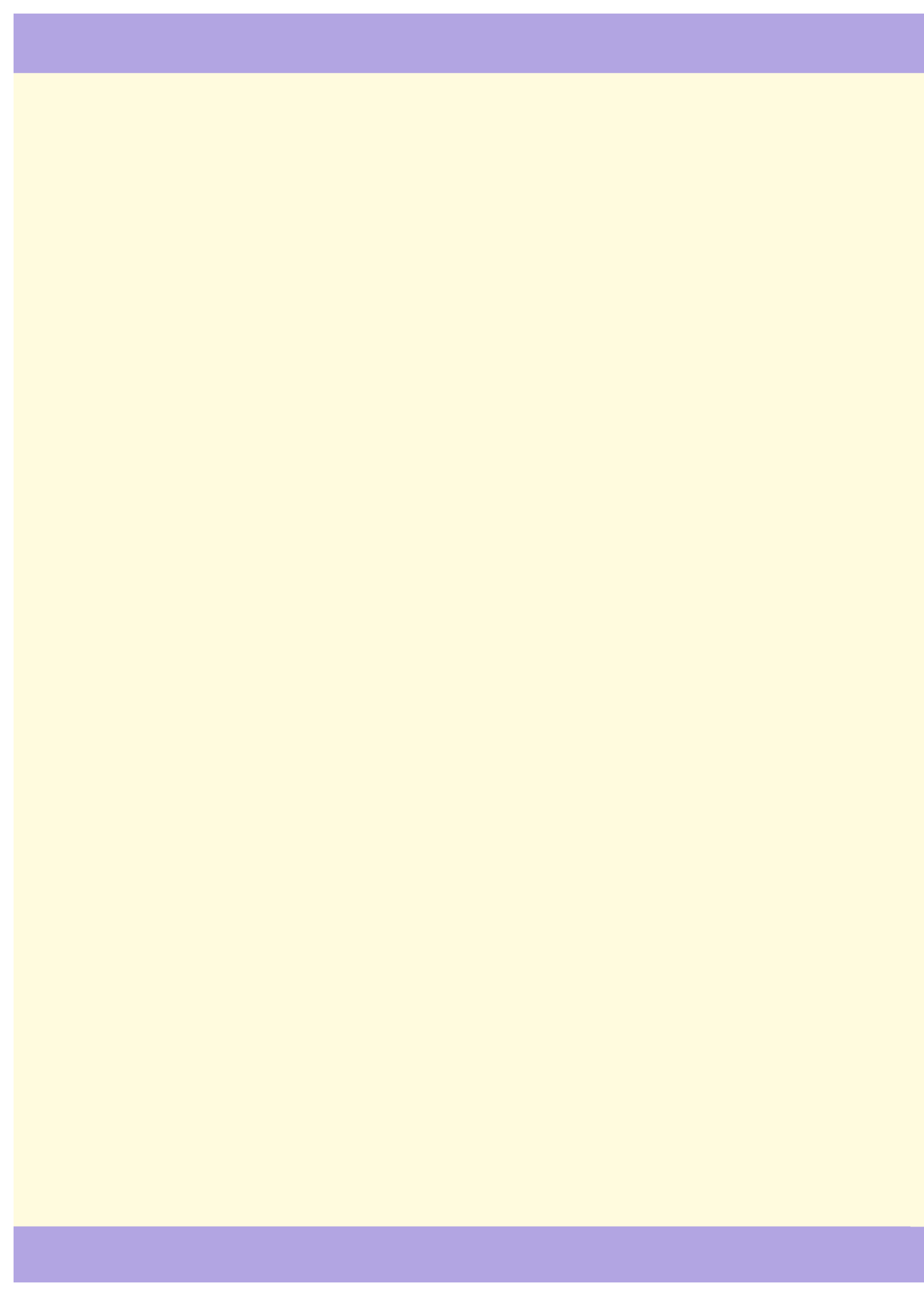
The technical assistance provided by NSSO, Government of India and the cooperation extended by the sample households is acknowledged. I use this opportunity to place on record the work done by the supervisors, field staff who worked hard to make the survey a success and all other staff in the Directorate who have contributed in different ways to the success of the survey and the subsequent production of the report.

I hope that this report will be useful to the planners, policy makers, academicians and researchers. Suggestions to improvement of the content of report will be highly appreciated.



V. Ramachandran
Director General

Thiruvananthapuram
Dated:



Highlights

The results on 'Land and Livestock Holdings' are based on data collected during January - December 2013 from 1278 surveyed households in 160 sample First Stage Units (FSU) spread over the State. The information of the round was collected in two visits from the same set of sample households. The first visit was made during January - July 2013 and the second, during August - December 2013.

Comparability with previous round survey

Considering the volume and direction of the current demand of data on agricultural surveys, a few modifications in the content of the schedule of enquiry for the present survey visa-vis the earlier surveys on the same subject, were brought in. Accordingly, the presentation of results of the 70th round survey may differ to some extent in terms of content and classification, as compared to the last round. The major changes that have been given effect to in the current round are:

- i. The 70th round survey was conducted only in the rural areas, whereas in the last (i.e. 59th) round both rural and urban areas were covered. Thus some information, like use of land in livestock farming in urban areas, will be missing in this round.
- ii. Classification of households into different types based on the source of major income of the household has been changed, making it oriented towards rural areas only.
- iii. In the current round, multiple operational holdings within a household was not distinguished and the household was treated as having only one operating unit considering all the land operated by all the household members together.
- iv. In 59th round survey, data was collected for 'kharif' and 'rabi' season from each sample household; whereas in the 70th round, data was collected for the two halves of the agricultural year 2012-13 as July - December, 2012 and January - June, 2013.
- v. Information on industry and occupation as per usual activity status (principal and subsidiary) for every member of the sample households, which were collected in the earlier round, was dropped in 70th round.
- vi. Classification of 'land use' adopted in the 59th round was more structured in the 70th round, in terms of 'major type of land use' and 'type of crop production/livestock farming'. Specific information on 'jhum cultivation' was additionally collected in 70th round.

Some of the key estimates at rural Kerala for the agricultural year July 2012 – June 2013 as obtained from this Survey are presented here:

- Estimated number of rural households in the State was 52.459 lakhs.
- The number of agricultural households in rural Kerala during the agricultural year July 2012- June 2013 was 41.453lakhs.
- These agricultural households were about 79.02 percent of the total estimated rural households of the State.
- The average area owned per household in rural Kerala was estimated as 0.184ha
- Estimated area owned in rural Kerala was 963840ha.
- Average area of homestead land per household was 0.067ha.
- Land used for 'jhum land cultivation' is negligible in rural households of the State.
- In rural Kerala, among all the ownership holdings, the household with 'Wage/salaried employment' was the major source of income.
- Only 10.6 percent of the household depends 'Self- employed in Cultivation' as the major source of income having highest average area of ownership holding per household (0.563ha).
- The estimated number of household operational holdings in rural Kerala was 41.095lakhs covering a total area of 982654ha of land and 10263700 number of plots.
- In rural Kerala, the average area per operational holding was 0.239ha and average area operated (used for agriculture activities) per holding was 0.21ha.

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Chapter One

Introduction

1.1 Background

The NSSO was set up in 1950, with the idea of having a permanent survey organisation to collect data on various facets of the economy through nationwide sample surveys in order to assist in socio-economic planning and policy-making. The NSS is a continuing survey in the sense that it is carried out in the form of successive "rounds", each round usually of a year's duration covering several topics of current interest in a specific survey period. The surveys are conducted through household interviews, using a random sample of households covering practically the entire geographical area of the country.

The first survey on land holdings was taken up by the NSS in its eighth round (July '54-April '55) as part of the World Agricultural Census initiated by the Food & Agricultural Organisation (FAO) of the United Nations. In this survey, information on (agricultural) holdings was collected mainly to meet the requirements of the FAO. In addition, information on household ownership holdings was collected to provide the policy framers with the much needed data for formulating land reforms policy for the country. A similar survey was conducted again in the sixteenth (July '60 - August '61) and seventeenth (September '61 - July '62) rounds of the NSS as a part of World Agricultural Census Programme of 1960. The next survey on land holding of NSSO was conducted in 26th round (July 1971 - June 1972), simultaneously with a survey on Debt and Investment at the instance of the Reserve Bank of India. Thereafter, surveys on land and livestock holdings were conducted in 37th round (January - December 1982), 48th round (January - December 1992) and 59th round (January - December 2003).

After a gap of ten years, the 7th survey on Land and Livestock holdings was conducted as a part of NSS 70th round, during January - December 2013. The information of the round was collected in two visits from the same set of sample households. The first visit was made during January - July 2013 and the second, during August - December 2013.

As the National Sample Survey samples were small, the state governments were invited to participate with matching samples so as to enable the preparation of estimates at sub-state level which was not possible with the 'Central Sample' alone. Considering the demands for district level estimates, Kerala has been participating in the National Sample Surveys from the very beginning with matching samples to provide more disaggregated results at regional level.

1.2 Objectives of the NSS surveys of Land and Livestock Holdings

The objective of the survey on Land and Livestock holdings (LHS) has been to generate the basic quantitative information on the agrarian structure of the country, which is relevant to land policy. A large part of the information is collected mainly along the lines suggested in World Agricultural Census Programme of the Food and Agricultural Organisation (FAO) and thus serves the purpose of international comparison as well.

The 70th round NSS survey on Land and Livestock Holdings, attempted to collect detailed information can be categorised into the three broad aspects of land ownership holding and operational

holdings and ownership of livestock in rural areas of the country. Particulars of land owned, its size & composition, use of land, irrigation facilities, and types and terms of lease, etc. were collected for the study of the land holdings. The inventory of the livestock owned by the household on the date of survey was also collected. Using this information, different indicators of ownership holding, operational holding, pattern in land use, detailed types of crop production/animal farming activities of the households, seasonal variation in household operational holding, ownership of livestock, poultry, duckery, etc., have been generated for the rural areas.

These statistical indicators can be used for planning, policy formulation and decision making at various levels within the government and outside. It can also be used to the Department of Agriculture, Department of Animal Husbandry, National Accounts Division, etc.

1.3 Method of Data Collection

The period of survey was of one year duration starting on 1st January 2013 and ending on 31st December 2013. Each sample FSU was visited twice during this round; period of the first visit was January – July 2013 i.e. of 7 months' duration and that of the second visit was August – December 2013 i.e. of 5 months' duration. Separate schedules were designed for visit-1 and visit-2, having more or less a common structure, avoiding repeated collection of a few items of information which are not likely to change. In visit-1, information pertaining to the period July - December 2012 was collected, whereas reference period for the information collected in visit-2 was January - June 2013.

Information on livestock, poultry, duckery, etc., owned by the household as on the date of survey was collected only once during visit-1. However, in visit-2, some general information of the household operational holdings for the whole agricultural year was additionally collected for the households who made agricultural use of at least one plot in both the reference periods.

1.4 Scope and coverage

Geographical coverage: The survey covered the rural area of the whole of the Indian Union.

Population coverage: The following rules were adhered to:

1. Floating population, i.e., persons without any normal residence, was excluded. But persons residing in open space, roadside shelter, under a bridge, etc., more or less regularly in the same place were covered.
2. Foreign nationals were excluded, as well as their domestic servants, if by definition the latter belonged to the foreign national's household.
3. Persons residing in barracks of military and paramilitary forces (like police, BSF etc.) were kept outside the survey coverage. However, the civilian population residing in their neighbourhood, including the family quarters of service personnel, was covered.
4. Orphanages, rescue homes, ashrams and vagrant houses were outside the survey coverage. However, the persons staying in old age homes, the students staying in ashram/hostels and the residential staff (other than monks/nuns) of these ashrams were covered. Although orphans living in orphanages were excluded, the persons looking after them and staying there were covered. Convicted prisoners undergoing sentence were outside the coverage of the survey.

1.5 Sample size

First stage Units: A total of 160 villages were surveyed as First stage Units (FSUs) in NSS 70th round for the State sample. The results presented in this document are based on State sample alone. State-wise numbers of FSUs surveyed in State sample are given in Table 1.1.

Number of FSUs surveyed	Number of households	
	Estimated (00) (incl. n.r.)	Surveyed (incl. n.r.)
160	52317	1278

Second Stage Units: Since, this schedule was canvassed in the rural areas only, the first stage units (FSU) were the Panchayat wards in case of Kerala, and the Second Stage Units (SSU) were the households. For the purpose of selection in case of Sch.18.1, all households in a sample village were classified into four Second Stage Strata (SSS) based on area of land

possessed viz. less than 0.005 hectare-1, equal to or more than 0.005 hectare but less than 1.000 hectare -2, equal to or more than 1.000 hectare but less than 2.000 hectares -3, equal to or more than 2.000 hectares -4. Thereafter, 8 households were surveyed from each sample village, taking 2 household from each SSS.

Each of the sample households were visited once in visit-1 and in visit-2. However, a few households of visit-1 became 'casualty' while surveying in visit-2. In Kerala, a total of 1278 households were surveyed in visit-1 and 1270 of them could be surveyed in visit-2.

1.6 Contents of this document

This document is primarily aimed at bringing out the key results of the Survey, as an aid for decision support, policy inferences and analysis. The document is presented in two chapters and four appendices. Following the present chapter (i.e. Chapter One) : Introduction, A brief summary of the key results of the survey on Land and Livestock Holdings is presented in Chapter Two. Appendix A gives the detailed State-level tables on the key indicators. Notes on concepts and definitions used in this survey have been presented in Appendix B. This is followed by the details of the sample design and estimation procedure adopted in the survey in Appendix C. A facsimile of the schedules of enquiry – Schedule 18.1: Land and Livestock Holdings (Visit-1 and Visit-2) can be seen in Appendix D.

Chapter Two

Summary of Findings

2.0 Introduction

The Key Indicator document presents estimates of some key characteristics of the survey on Land and Livestock Holdings such as ownership holdings, operational holdings, kind of possession of land holdings, type of crop production and animal farming, irrigation used, area affected by flood, land-use pattern, and so on. In this document, the survey results are given for the 'whole agricultural year' i.e. July 2012-June 2013 (referred to as 2012-13), and also for the two fixed periods, July - Dec 2012 and Jan -June 2013 wherever applicable.

Most of the results shown in the summary tables of this chapter are given as estimates of areas and numbers, and percentages.

2.1 Household Ownership of land

Land, with permanent heritable possession, with or without right to transfer the title, vested in a member or members of the household was considered as owned land. The land held in owner-like possession under a long-term lease or assignment (e.g. village land possessed by a tribal household as per traditional tribal rights or community land customarily operated by a tenant for a long period) was also treated as land owned. A household ownership holding includes all plots (or parts of plot) of land owned by any member of the household, whether the land is cultivatable or not. Thus a household ownership holding may include, besides cultivatable land, areas under forest, barren and uncultivable land, cultivatable waste land, land put to non-agricultural uses (viz. house sites, roads etc.), land growing miscellaneous tree crops, etc.

The estimates of area under household ownership of land and the average area owned per household in 2012-13 (70th round) are presented in Table 3.1. The estimated area owned in rural Kerala was 963840ha. The average area owned per household in Kerala is estimated as 0.184ha, average area of homestead land owned per household is estimated as 0.067ha, and average area of land owned, excluding homestead land per household is estimated as 0.116ha.

Table 3.1: Household Ownership of land in 2012-13	
Item	Area
Estimated number of households	5245900
Estimated number of plots	10548300
Estimated area owned (ha)	963840
Average area owned per household (0.00ha)	0.184
Average area of homestead land owned per household (0.00ha)	0.067
Average area of land owned, excluding homestead land per household (0.00ha)	0.116

2.2 Distribution of Ownership Holdings:

The percentage distribution of households and area owned by size class of ownership holdings for the last two NSS rounds on the size distribution of ownership holdings is given in Table 3.2. The size classes of the detailed classification have been merged to form 6 broad size classes or categories for ease of comparison as shown below:

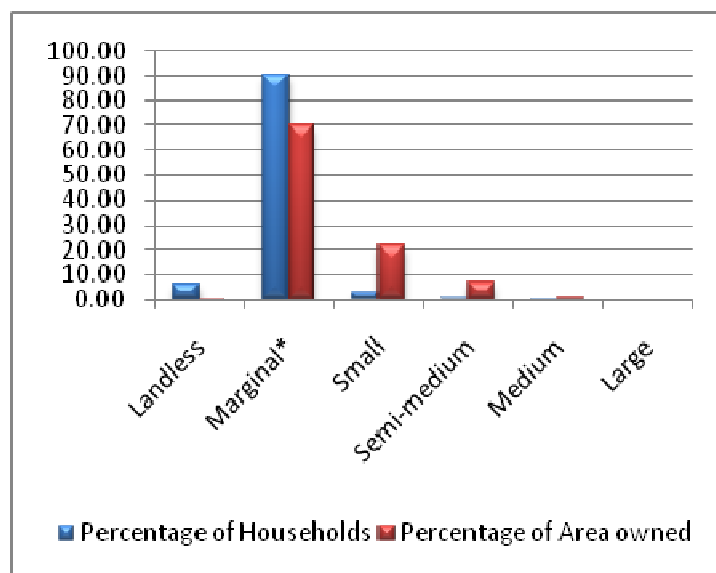
landless*	less than or equal to 0.002 hectare
marginal	more than 0.002 but less than or equal to 1.000 hectare
small	more than 1.000 but less than or equal to 2.000 hectares
semi-medium	more than 2.000 but less than or equal to 4.000 hectares
medium	more than 4.000 but less than or equal to 10.000 hectares
large	more than 10.000 hectares
* 'less than or equal to 0.002 hectares' as classified under 'landless' category, also includes plots	

Some basic estimates relating to ownership of land as obtained from the survey are given in Table 3.3. Considering the 'whole agricultural year', the percentage distribution of households and percentage of area owned in terms of 6 categories of holdings as stated above are given in Table 3.2.

The statement shows that in Kerala the estimated number of households was 52.46 lakhs and average size of household was 4. The maximum number of households was under 'Marginal category' followed by 'Landless' category. The 'Marginal' holdings which had the highest percentage of total households has accounted for 90.13% of the total households. In the case of percentage of area owned also 70.17% comes under 'Marginal category' followed by 'Small' (21.73%). This is diagrammatically represented in Chart 3.1 below. Details for the 70th round can be seen in Table 4 of Appendix A corresponding to the 'whole agricultural year'.

Category of holdings	Characteristics					
	Avg. hh size	No. of hh (00)	Area (ha)	Percentage of Households	Percentage area of land owned	No. of plot (00)
Landless	3	3392	743	6.46	0.08	105
Marginal	4	47278	676319	90.13	70.17	98007
Small	4	1504	209457	2.87	21.73	6053
Semi-medium	5	268	68919	0.51	7.15	1240
Medium	4	17	8402	0.03	0.87	78
Large	5	0	0	0.00	0.00	0
	4	52459	963840	100	100	105483

Chart 3.1: Percentage distribution of households and area owned by category of household ownership holdings



2.3 Household classifications in ownership holdings

In NSS 70th round survey, the households were classified on the basis of the source of major income (net income) and ownership of land of the household during last 365 days. For this purpose, the income of servants and paying guests was not taken into account. Table 3.4 gives the distribution of households, and average area of ownership holding per household, by source of major income.

Table 3.4: Distribution of households/agri. households and area of land owned, by household classification							
Characteristic	Household classification						
	Self-employment in				Wage/ salaried employment	Others	All (n.r.)
	Cultivation	Livestock farming	Other agricultural activities	Non-agricultural enterprise			
Estimated No. of hhs (00)	5558	817	4035	10991	19381	11535	52317
% of Households	10.6	1.6	7.7	21	37	22	100
Average area of ownership holding per hh (0.00 ha)	0.563	0.109	0.196	0.11	0.112	0.161	0.177
Estd. no. of hhs (00) operated land for agricultural activities during last 365 days	5485	484	2981	8313	14968	9221	41453
% of hhs operated land for agricultural activities during last 365 days	13.23	1.17	7.19	20.05	36.11	22.24	100.00

In rural Kerala, among all the ownership holdings, the household with 'Wage/salaried employment' was the major source of income. This is followed by 'others' and then by 'self-employed in non-agricultural enterprise'. Only 10.6 percent of the household depends 'Self-employed in Cultivation' as the major source of income having highest average area of ownership holding per household (0.563ha). Second highest average area of ownership holding per household was 'self-employed in other agriculture activities'. Whereas the lowest (0.109ha) average area of ownership holding per household was owned by the households with self-employed in livestock farming as the major source of income. Among all the ownership holdings, the estimated number of households operated land for agriculture activities during last 365 days was 41.453 lakhs. The distribution of households operated land for agriculture activities as per household classification is also given in the table.

This information was collected only during Jan - Jul'13 with the reference period Jul - Dec'12.

2.4. Household Operational Holding

Household operational holding is defined for the 70th round survey as land that was used wholly or partly for agricultural production and was operated (directed/managed) by one house hold member alone or with assistance of others, without regard to title, size or location. More on definition of household operational holding is given in Appendix B. As distinct from a household ownership holding, which was restricted to the area of land owned by a household, operational holding encompasses all land - owned, leased in or otherwise possessed, i.e. land under physical possession of the household with the condition that some agricultural activity was carried out on any part of the land under its possession during the reference period.

If a household carried out any agriculture production during the reference period in any plot, all plots possessed by the household during major part of the reference period was included in the household operational holding. Thus, plots put to uses other than agriculture production, such as, house sites, paths, buildings, etc., also included in the area of the household operational holding if possessed by the household during the major part of the reference period. The area of leased-out lands not included in the area of household operational holding.

In 2002-03 (59th round), the area possessed by an operational holding for the major part of the reference period was taken as its 'area operated', while in 2012-13 (70th round) 'area operated' includes the area of the plots which were used for agricultural activities, i.e., only crop production on jhum land, only crop production on land other than jhum land, only farming of animal/fishery, both crop production and farming of animal /fishery, and other agricultural uses. This may be kept in mind while interpreting the information outlined below.

In rural Kerala, the average area per operational holding was 0.239ha and average area operated (used for agriculture activities) per holding was 0.21ha. The estimated number of household operational holdings in rural Kerala is 41.095lakhs covering a total area of 982654ha of land and 102.637lakh number of plots. Table 3.5 gives the estimates of the Household Operational Holdings, area and plots operated in the 'whole agricultural year'.

Table 3.5: Estimated Household Operational Holdings, total area under household operational holdings, plots operated in the whole agricultural year, 2012-13	
Characteristics	
Estimated no. of household operational holdings(00)	41095
Estimated total area under household operational holdings(ha)	982654
Estimated no. of plots operated(00)	102637
Avg. area per opr. holding (0.00 ha)	0.239
Avg. area owned and possessed per opr. holding (0.00 ha)	0.226
Avg. area operated (used for agri. activities) per holding (0.00 ha)	0.21

2.5 Kind of possession of land

All the plots of the household falls into any one of the four different kinds of possession, which were either 'owned and possessed' or 'leased in' or 'otherwise possessed' or 'leased out' during the major part of the reference period. Table 3.6 gives the area and number of plots distributed according to the four kinds of possession. The corresponding figures corresponding to 'visit1' for Jul'12 - Dec'12 and 'visit2' for Jan'13 - Jun'13 can be seen in Appendix A.

The estimated area and number of plots is the highest for 'owned and possessed land' and the least for 'otherwise possessed land' during Jul'12 - Dec'12 and Jan'13 - Jun'13.

Table 3.6 : Number of plots and area of land by kind of possession, 2012-13					
Characteristics	Kind of possession of land				Estimated area/number of plots possessed (ha)/(00)
	owned and possessed	leased-in	otherwise possessed	leased-out	
Jul'12-Dec'12					
Estimated area(ha)	911584	55072	3257	12628	969913
Estimated no of plots(00)	104987	7342	373	772	112703
Jan'13-Jun'13					
Estimated area(ha)	939743	57294	3241	12250	1000279
Estimated no of plots(00)	105243	7312	355	779	112910

2.6 Land possessed by households affected by flood/ not flooded

Information was collected in the 70th round on incidence of flood on the land possessed by the households for the first time for both the visits. Table 3.7 gives the percentage distribution of area of land possessed by the household affected by flood/ not flooded. The corresponding figures for each size class of household operational holding can be seen Appendix A corresponding to 'visit1' for Jul'12 - Dec'12 and 'visit2' for Jan'13 - Jun'13.

As seen from the Table 3.7, 97% area of land was under not flooded category during Jul'12 - Dec'12 and Jan'13 - Jun'13. Around 2% land was flooded but agricultural activities were carried out in both the period. Around 1% land was flooded but the plot was not for agricultural activities. For flooded but agricultural activities could not be carried out for both the periods showed very negligible percentage area of land. Estimated area and number of plots are also given in the table.

Table 3.7: Distribution of area of land possessed by households affected by flood/ not flooded, 2012-13				
Characteristics	Flooded			Not flooded
	agricultural activities could not be carried out	agricultural activities were carried out	but the plot was not for agricultural activities	
Jan'13-Jun'13				
Percentage distribution of area of land	0	2	1	97
Estimated area (ha)	3118	18002	6255	813935
Estimated number of plots (00)	161	1079	327	58848
Jul'12-Dec'12				
Percentage distribution of area of land	0	2	1	97
Estimated area (ha)	2147	13294	5041	844329
Estimated number of plots (00)	326	929	161	58092

2.7 The Land-use pattern

Land use refers to activities like growing crops, livestock farming/fishery, etc., carried out on the plot with the intention of obtaining products and/or benefits. Specific information on 'jhum cultivation' was additionally collected in 70th round. The preparation of jhum land is done by cutting and clearing of forest areas and burning of the dried biomass by setting fire. The jhum land is used for growing crops of agricultural importance such as upland rice, vegetables or fruits. After a few circles, the land loses fertility and a new area is chosen.

The information to determining land use was collected during the fixed reference periods of July – December, 2012 and January – June 2013. Table 3.8 gives the percentage distribution of area of land possessed by type of land use.

Table 3.8: Percentage distribution of area of land possessed by type of land use, 2012-13					
sPeriod	Percentage distribution of area of land by type of Land Use				
	Crop production on jhum land	Crop production on land other than jhum land	Crop production and farming of animal/fishery	Other agri. Uses	Other uses (non agri. uses)
Jul'12-Dec'12	0	91	5	2	2
Jan'13-Jun'13	0	86	7	5	2

The land use pattern shows that there was no crop production on 'jhum land' in the state and the highest percentage of area was used for crop production on land other than jhum land, with 91% area in Jul'12 - Dec'12 and 86% area in Jan'13 - Jun'13. Production of crop includes growing of vegetables, cereals, pulses, oilseeds, fodder crop, fruits, sugarcane, coconut, etc. Around 5% of area of land was used for both activity of 'crop production and farming of animal/fishery' during Jul'12 - Dec'12, and 7% during Jan'13 -Jun'13. Around 2% of area was used for 'other agriculture uses' during Jul'12 - Dec'12 and 5% during Jan'13 -Jun'13. Coverage of 'other non-agricultural uses' was the activities other than crop production and farming of animal/fishery. Examples of such activities are growing of bamboo bushes, thatching grass, casurina trees, plants for fuel, plants used as reeds for matting.

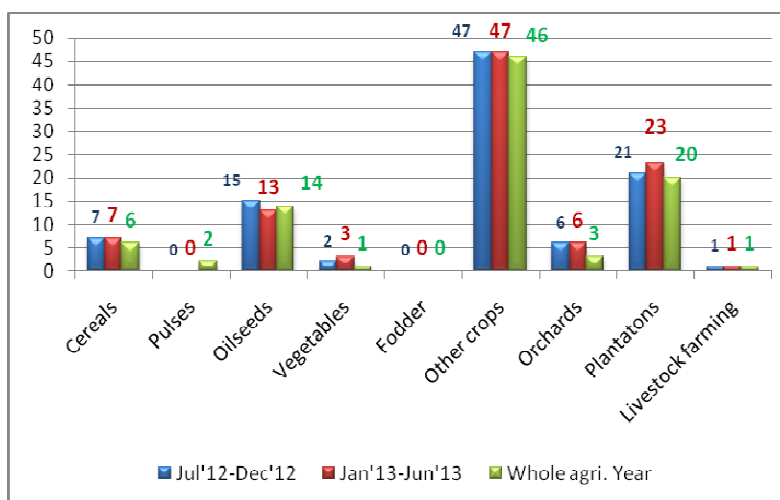
2.8. Type of Crop production/livestock farming

For the plots where land use involved activities of crop production and/or farming of animal/fishery, information on type of crop production/livestock farming was collected. The plots with land-use as other agricultural uses and other uses (non-agricultural uses), are not considered here.

Table 3.9: Percentage distribution of area of land by type of crop production and livestock farming, 2012-13									
Percentage distribution by crop production/livestock farming									
Period	Cereals	Pulses	Oilseeds	Vegetables	Fodder	Other crops	Orchards	Plantations	Livestock farming
Jul'12-Dec'12	7	0	15	2	0	47	6	21	1
Jan'13-Jun'13	7	0	13	3	0	47	6	23	1
Whole agri. Year	6	2	14	1	0	46	3	20	1

The above statement shows that the highest percentage of area is used for other crops in both the periods Jul'12 - Dec'12 (56.21%) and Jan'13 - Jun'13. The percentage area on 'livestock farming' is obtained by aggregating the percentage area on dairy, poultry/ duckery, piggery, fishery and farming of other animals. Chart 3.2 gives the pictorial representation of the above statement.

Chart 3.2: Percentage distribution of area of land by type of crop production and livestock farming, 2012-13



2.9 Irrigation used for crop production

Irrigation refers to purposefully providing land with water, other than rain, for improving crop production. Uncontrolled land flooding by overflowing of rivers or streams is not considered irrigation. However, when rainwater or uncontrolled overflow from rivers and streams is collected and later used on the land for crop production, it is considered irrigated. A plot will be considered as irrigated if the major part of the plot is irrigated. If a plot is irrigated, the corresponding source of irrigation was recorded.

Table 3.10 gives the distribution of land area irrigated, according to the different sources of irrigation. The corresponding figures for can be seen in Appendix A corresponding to 'visit1' for Jul'12 - Dec'12 and 'visit2' for Jan'13 - Jun'13.

Period	Percentage distribution of irrigated land with irrigation facilities				
	Canal	Minor surface works	Ground water	Combination of these three sources	Others
Jul'12-Dec'12	17	12	65	4	1
Jan'13-Jun'13	15	13	66	2	3

Considering the percentage distribution of irrigated land area according to the different sources of irrigation, at State level, it can be seen from the above table that maximum area (65%) was irrigated using ground water (tube well, well, etc) during Jul'12 - Dec'12 and 66% during Jan'13 -Jun'13.

Appendix A

State Tables

TABLE 1

Number of FSU surveyed and Number of Households Estimated and Surveyed

	Number of FSUs surveyed	Number of households	
		Estimated (00) (incl. n.r.)	Surveyed (incl. n.r.)
Visit 1	160	52317	1278
Visit-2	160	52459	1270

TABLE 2

Per 1000 distribution of households by household classification, proportion of households operated land for agricultural activities and proportion of households operated land for Jhum cultivation during last 365 days for each type of household classification

Visit1		All							
Household classification	Per 1000 distribution of hhs	Proportion (per 1000) of hhs operated land for		Estd. no. of hhs (00) operated land for		Estd. no. of hhs (00)	Sample no. of hhs operated land		Sample no. of hhs
		Agricultural activities during last 365 days	Jhum cultivation during last 365 days	Agricultural activities during last 365 days	Jhum cultivation during last 365 days		Agricultural activities during last 365 days	Jhum cultivation during last 365 days	
Self emp. in cultivation	106	987	0	5485	0	5558	321	0	324
Self emp. in livestock farming	16	593	0	484	0	817	10	0	13
Self emp. in other agr. activities	77	739	0	2981	0	4035	85	0	100
Self emp. in non-agr. enterprise	210	756	0	8313	0	10991	196	0	256
Wage/ salaried emp.	370	772	0	14968	0	19381	275	0	367
Others	220	799	0	9221	0	11535	179	0	218
All class	1000	792	0	41453	0	52317	1066	0	1278
Estd. no of hhs (00)	52317	41453	0	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs	1278	1066	0	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 3(1)**Percentage distribution of area of land by kind of possession for each social group**

Visit1		Estimate						
Social group	Kind of possession of land					Estd. area of plots (ha)	No. of hhs	
	Owned and possessed	Leased in	Otherwise possessed	Leased out	Any kind Possession (incl. n.r.)		Estd. (00)	Sample
All	911584	55072	3257	12628	969913	969913	52317	1278
Estd. area (ha)	911584	55072	3257	12628	969913	XXX	XXX	XXX
Estd. no of hhs (00)	48785	4851	303	772	52301	XXX	XXX	XXX
Sample no. of hhs	1177	150	12	31	1272	XXX	XXX	XXX

TABLE 3(2)

Percentage distribution of area of land by kind of possession for each social group

Visit 2		Estimate						
Social group	Kind of possession of land					Estd. area of plots (ha)	No. of hhs	
	Owned and possessed	Leased in	Otherwise possessed	Leased out	Any kind possession (incl. n.r.)		Estd. (00)	Sample
All	939743	57294	3241	12250	1000279	1000279	52459	1270
Estd. Area (ha)	939743	57294	3241	12250	1000279	XXX	XXX	XXX
Estd. no of hhs (00)	49337	4834	292	779	52459	XXX	XXX	XXX
Sample no. of hhs	1199	134	8	28	1270	XXX	XXX	XXX

TABLE 4(1)

Per 1000 distribution of households by size class of household ownership holding, avg. area of homestead land per household, avg. area of land owned (excluding homestead land) per household, average area owned per household, estimated no. of holding, sample no. of holding, estimated no. of plots, sample no. of plots and estimated area of household holding for each size class of household ownership holding

Visit1										
All - Estimate										
Size class of ownership holding(ha)	Avg. hh size	Per 1000 distribution of hhs	Average area			Estimated			sample	
			Home stead land per hh (0.00 ha)	Land owned, excluding homestead land per hh (0.00 ha)	Owned per hh (0.00 ha)	Area (ha)	No. of plot (00)	No. of hh (00)	No of plot	No of hh
0.000-0.002	3	64	0	0	0	0	0	3340	0	96
0.002-0.005	5	4	0	0.004	0.005	93	193	191	14	12
0.005-0.040	4	359	0.024	0.002	0.026	49173	30386	18788	466	288
0.040-0.5	4	484	0.08	0.078	0.158	399324	59553	25326	839	368
0.5-1.0	5	59	0.078	0.655	0.733	225319	9191	3074	173	54
1.0-2.0	4	25	0.14	1.186	1.326	174478	5119	1316	1348	326
2.0-3.0	5	4	0.196	2.113	2.309	49138	1005	213	491	101
3.0-4.0	4	1	0.194	3.229	3.423	19349	249	57	87	20
4.0-5.0	4	0	0.431	4.269	4.7	4418	31	9	25	7
5.0-7.5	5	0	0.285	5.64	5.925	2364	30	4	29	5
7.5-10.0	5	0	0.06	8.702	8.762	556	4	1	7	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0
All	4	1000	0.057	0.12	0.177	924212	105760	52317	3479	1278

TABLE 4(2)

Per 1000 distribution of households by size class of household ownership holding, avg. area of homestead land per household, avg. area of land owned (excluding homestead land) per household , average area owned per household , estimated no. of holding, sample no. of holding, estimated no. of plots, sample no. of plots and estimated area of household holding for each size class of household ownership holding

Visit 2			All - Estimate							
Size class of ownership holding(ha)	Avg. hh size	Per 1000 distribution of hhs	Average area			Estimated			Sample	
			Home stead land per hh (0.00 ha)	Land owned, excluding homestead land per hh (0.00 ha)	Owned per hh (0.00 ha)	Area (ha)	No. of plot (00)	No. of hh (00)	No of plot	No of hh
0.000-0.002	3	63	0.002	0	0.002	5	188	3286	14	80
0.002-0.005	3	1	0.004	0	0.004	25	66	64	21	19
0.005-0.040	4	363	0.024	0.002	0.026	49580	30664	19068	470	294
0.040-0.5	4	479	0.077	0.077	0.155	388143	58338	25110	821	363
0.5-1.0	4	60	0.156	0.575	0.731	229625	9395	3141	192	58
1.0-2.0	4	29	0.258	1.123	1.38	207539	6052	1504	1337	324
2.0-3.0	5	4	0.301	2.013	2.314	48218	990	208	490	99
3.0-4.0	4	1	0.621	2.788	3.41	20457	250	60	85	20
4.0-5.0	4	0	0.959	3.67	4.63	5895	47	13	30	8
5.0-7.5	6	0	1.01	4.669	5.679	1951	27	3	24	4
7.5-10.0	16	0	0.06	8.702	8.762	556	4	1	7	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0
All	4	1000	0.065	0.117	0.181	951993	106022	52459	3491	1270

TABLE 4(3)

Per 1000 distribution of households by size class of household ownership holding, avg. area of homestead land per household, avg. area of land owned (excluding homestead land) per household, average area owned per household, estimated no. of holding, sample no. of holding, estimated no. of plots, sample no. of plots and estimated area of household holding for each size class of household ownership holding

Kerala		all		Estimate			Visit2			
Size Class of Ownership holding(ha)	Avg. hh size	Per 1000 distribution of hhs	Average area			Estimated			Sample	
			Home stead land per hh (0.00 ha)	Land owned, excluding homestead land per hh (0.00 ha)	Owned per hh (0.00 ha)	Area (ha)	No. of plot (00)	No. of hh (00)	No of plot	No of hh
0.000-0.002	3	63	0.002	0	0.002	5	188	3286	14	80
0.002-0.005	3	1	0.004	0	0.004	25	66	64	21	19
0.005-0.040	4	363	0.024	0.002	0.026	49580	30664	19068	470	294
0.040-0.5	4	479	0.077	0.077	0.155	388143	58338	25110	821	363
0.5-1.0	4	60	0.156	0.575	0.731	229625	9395	3141	192	58
1.0-2.0	4	29	0.258	1.123	1.38	207539	6052	1504	1337	324
2.0-3.0	5	4	0.301	2.013	2.314	48218	990	208	490	99
3.0-4.0	4	1	0.621	2.788	3.41	20457	250	60	85	20
4.0-5.0	4	0	0.959	3.67	4.63	5895	47	13	30	8
5.0-7.5	6	0	1.01	4.669	5.679	1951	27	3	24	4
7.5-10.0	16	0	0.06	8.702	8.762	556	4	1	7	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0
All	4	1000	0.065	0.117	0.181	951993	106022	52459	3491	1270

TABLE 4(4)

Per 1000 distribution of households by size class of household ownership holding, avg. area of homestead land per household, avg. area of land owned (excluding homestead land) per household, average area owned per household, estimated no. of holding, sample no. of holding, estimated no. of plots, sample no. of plots and estimated area of household holding for each size class of household ownership holding

Whole Agricultural Year		All - Estimate								
Size class of ownership holding (ha)	Avg. hh size	Per 1000 distribution of hhs	Average Area			Estimated			Sample	
			Home stead land per hh (0.00 ha)	Land owned, excluding homestead land per hh (0.00 ha)	Owned per hh (0.00 ha)	Area (ha)	No. of plot (00)	No. of hh (00)	No of plot	No of hh
0.000-0.002	3	65	0.001	0.001	0.002	743	105	3391	3	90
0.002-0.005	5	4	0.001	0.004	0.005	100	208	206	17	15
0.005-0.040	4	358	0.024	0.002	0.026	48956	30147	18773	462	288
0.040-0.5	4	481	0.082	0.075	0.158	397876	58482	25232	824	364
0.5-1.0	4	58	0.159	0.589	0.748	229387	9170	3066	186	56
1.0-2.0	4	29	0.258	1.134	1.392	209456	6053	1504	1338	325
2.0-3.0	5	4	0.302	2.021	2.323	48405	990	208	490	99
3.0-4.0	4	1	0.621	2.798	3.419	20514	250	60	85	20
4.0-5.0	4	0	0.959	3.67	4.63	5895	47	13	30	8
5.0-7.5	6	0	1.01	4.669	5.679	1951	27	3	24	4
7.5-10.0	16	0	0.06	8.702	8.762	556	4	1	7	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0
All	4	1000	0.067	0.116	0.184	963840	105483	52459	3466	1270

TABLE 5

Distribution of households over household classification for each size class of household ownership holding

Visit1									
Size class of ownership holding (ha)	No. of households per 1000 hhs in different household classification							No. of hhs	
	self-employment in				Wage/salaried employment	Others	All (n.r.)	Estd(00)	Sample
	Cultivation	Livestock farming	Other agricultural activities	Non-agricultural enterprise					
0.000-0.002	29	0	31	79	373	488	1000	3340	96
0.002-0.005	0	0	0	85	915	0	1000	191	12
0.005-0.040	13	16	92	267	440	172	1000	18788	288
0.040-0.5	121	20	69	206	366	218	1000	25326	368
0.5-1.0	391	0	98	113	75	323	1000	3074	54
1.0-2.0	586	5	86	84	124	115	1000	1316	326
2.0-3.0	601	3	219	52	79	45	1000	213	101
3.0-4.0	661	0	91	177	72	0	1000	57	20
4.0-5.0	840	0	84	76	0	0	1000	9	7
5.0-7.5	392	0	0	0	608	0	1000	4	5
7.5-10.0	1000	0	0	0	0	0	1000	1	1
10.0-20.0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0
All	106	16	77	210	370	220	1000	52317	1278
Average area of ownership holding per hh (0.00 ha)	0.563	0.109	0.196	0.11	0.112	0.161	0.177	XXX	XXX
Estd. no. of hhs (00)	5558	817	4035	10991	19381	11535	52317	XXX	XXX
Sample no. of hhs	324	13	100	256	367	218	1278	XXX	XXX

TABLE 6(1)
No. of plots and corresponding area of hhd belonging to different size class of hhd ownership holding by kind of possession

Size class of ownership holding (ha)	Visit 1															
	No. of plots with kind of possession as (00)					Area with kind of possession as					Prop. of hhs reporting only homestead land per 1000 hhs	Estd.			Sample no. of	
	Owned and possessed	Leased in	Otherwise possessed	Leased out	Plots possd	Owned and possessed	Leased in	Otherwise possessed	Leased out	Area of Plots possd		No of plots possd (00)	Area of plots possd (ha)	No of hhs (00)	Plots possd	Hhs
0.000-0.002	0	5295	295	0	5590	0	21981	1664	0	23645	591	5590	23645	3340	129	96
0.002-0.005	24	337	0	168	361	9	1129	0	84	1138	10	361	1138	191	15	12
0.005-0.040	30386	840	0	0	31226	49173	12517	0	0	61690	553	31226	61690	18788	495	288
0.040-0.5	59226	783	77	327	60085	396716	16660	1494	2608	414870	726	60085	414870	25326	885	368
0.5-1.0	8967	38	1	224	9005	217597	1964	33	7722	219594	635	9005	219594	3074	186	54
1.0-2.0	5079	39	1	40	5119	172846	251	66	1632	173162	676	5119	173162	1316	1344	326
2.0-3.0	992	6	0	13	998	48557	192	0	581	48749	593	998	48749	213	489	101
3.0-4.0	249	5	0	0	253	19349	2	0	0	19351	541	253	19351	57	88	20
4.0-5.0	31	1	0	0	31	4418	377	0	0	4794	451	31	4794	9	26	7
5.0-7.5	30	0	0	0	30	2364	0	0	0	2364	895	30	2364	4	29	5
7.5-10.0	4	0	0	0	4	556	0	0	0	556	1000	4	556	1	7	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	104987	7342	373	772	112703	911584	55072	3257	12628	969913	645	112703	969913	52317	3693	1278
Estd. no of plots (00)/area (ha)	104987	7342	373	772	112703	911584	55072	3257	12628	969913	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	3448	229	16	31	3693	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 6(2)

No. of plots and corresponding area of hhd belonging to different size class of hhd ownership holding by kind of possession

Size class of ownership holding (ha)	Visit2															
	No. of plots with kind of possession as(00)					Area with kind of possession as					Prop. of hhs reporting only homestead land per 1000 hhs	Estd.			Sample no. of	
	Owned and possessed	Leased in	Otherwise possessed	Leased out	Plots possd	Owned and possessed	Leased in	Otherwise possessed	Leased out	Area of Plots possd		No of plots possd (00)	Area of plots possd (ha)	No of hhs (00)	Plots possd	Hhs
0.000-0.002	188	5088	277	0	5554	5	22012	1649	0	23666	606	5554	23666	3286	121	80
0.002-0.005	66	0	0	0	66	25	0	0	0	25	29	66	25	64	21	19
0.005-0.040	30478	1075	0	185	31554	49469	16165	0	111	65634	525	31554	65634	19068	500	294
0.040-0.5	58012	1007	77	327	59095	385534	16338	1494	2608	403366	733	59095	403366	25110	871	363
0.5-1.0	9171	95	1	224	9267	221903	2020	33	7722	223956	720	9267	223956	3141	209	58
1.0-2.0	6022	37	1	30	6059	206281	217	66	1258	206564	772	6059	206564	1504	1332	324
2.0-3.0	977	5	0	13	983	47667	164	0	550	47831	654	983	47831	208	488	99
3.0-4.0	250	5	0	0	254	20457	2	0	0	20459	707	254	20459	60	86	20
4.0-5.0	47	1	0	0	48	5895	377	0	0	6272	651	48	6272	13	31	8
5.0-7.5	27	0	0	0	27	1951	0	0	0	1951	1000	27	1951	3	24	4
7.5-10.0	4	0	0	0	4	556	0	0	0	556	1000	4	556	1	7	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	105243	7312	355	779	112910	939743	57294	3241	12250	1000279	648	112910	1000279	52459	3690	1270
Estd. no of plots (00)/area (ha)	105243	7312	355	779	112910	939743	57294	3241	12250	1000279	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	3463	217	10	28	3690	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 7(1)
Number of households reporting leasing-in of land (excluding homestead) per 1000 households by terms of lease for each size class of household ownership holding

Kerala											
Visit1											
Size class of ownership holding (ha)	Number per 1000 of households by terms of lease									No. of hhs	
	Fixed money	Fixed produce	Share of produce	Service contract	Share of produce together with other terms	Usufructuary mortgage	From relatives under no specified terms	Under other terms	All(incl n.r)	Estd. (00)	Sample
0.000-0.002	13	0	0	0	0	0	12	0	25	32892	553
0.002-0.005	0	0	0	0	0	0	380	0	380	443	2
0.005-0.040	0	0	0	0	0	0	0	0	0	3847	59
0.040-0.5	13	20	0	0	0	0	6	0	38	11017	171
0.5-1.0	0	0	0	0	0	0	9	0	9	2783	98
1.0-2.0	23	0	0	0	0	0	0	0	23	1134	298
2.0-3.0	4	0	0	0	0	0	0	0	4	136	68
3.0-4.0	88	0	0	0	0	0	0	0	88	52	18
4.0-5.0	71	0	0	0	0	0	0	0	71	9	6
5.0-7.5	0	0	0	0	0	0	0	0	0	3	4
7.5-10.0	0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0
All	11	4	0	0	0	0	12	0	28	52317	1278
Estd. no. of hhs (00)	600	220	4	0	0	0	638	0	1461	XXX	XXX
Sample no. of hhs	23	2	2	0	0	0	25	0	50	XXX	XXX

TABLE 7(2)

Number of households reporting leasing-in of land (excluding homestead) per 1000 households by terms of lease for each size class of household ownership holding

Kerala											
Visit2											
Size class of ownership holding (ha)	Number per 1000 of households by terms of lease									No. of hhs	
	Fixed money	Fixed produce	Share of produce	Service contract	Share of produce together with other terms	Usufructuary mortgage	From relatives under no specified terms	Under other terms	All(incl n.r)	Estd. (00)	Sample
0.000-0.002	11	0	0	0	0	0	16	0	28	33646	575
0.002-0.005	0	0	0	0	0	0	0	0	353	478	3
0.005-0.040	0	0	0	0	0	0	0	0	0	3526	56
0.040-0.5	2	20	17	0	0	0	6	0	45	10939	169
0.5-1.0	22	0	0	0	0	0	3	0	32	2531	103
1.0-2.0	22	0	0	0	0	0	0	0	22	1148	276
2.0-3.0	4	0	0	0	0	0	0	0	4	135	66
3.0-4.0	104	0	0	0	0	0	0	0	104	44	13
4.0-5.0	71	0	0	0	0	0	0	0	71	9	6
5.0-7.5	0	0	0	0	0	0	0	0	0	2	2
7.5-10.0	0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0
All	9	4	4	0	0	0	11	0	33	52459	1270
Estd. no. of hhs (00)	492	220	191	1	0	0	597	0	1734	XXX	XXX
Sample no. of hhs	21	2	4	1	0	0	24	0	53	XXX	XXX

TABLE 8(1)

Percentage distribution of leased out land (excluding homestead) by terms of lease for each size class of household ownership holding

Kerala		Visit1													
Size class of ownership holding (ha)	Percentage distribution of leased out land with terms of lease									No. of hhs reporting leased out land per 1000 hhs.	Estd. area leased out (ha)	No. of plots leased out		No of hhs	
	Fixed money	Fixed produce	Share of produce	Service contract	Share of produce together with other terms	Usufructuary mortgage	Relatives under no specific terms	Other terms	All (incl.n.r)			Estd.(00)	Sample	Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	32892	553
0.002-0.005	100	0	0	0	0	0	0	0	100	380	84	168	1	443	2
0.005-0.040	100	0	0	0	0	0	0	0	100	19	116	72	1	3847	59
0.040-0.5	98	0	2	0	0	0	0	0	100	23	2493	254	4	11017	171
0.5-1.0	100	0	0	0	0	0	0	0	100	81	7876	226	2	2783	98
1.0-2.0	82	3	2	0	0	0	3	9	100	37	1515	42	17	1134	298
2.0-3.0	76	0	24	0	0	0	0	0	100	61	544	8	6	136	68
3.0-4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	18
4.0-5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6
5.0-7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4
7.5-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	97	0	2	0	0	0	0	1	100	15	12628	772	31	52317	1278
Estd. no of plots (00)	758	1	8	0	0	0	1	5	772	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	21	1	5	0	0	0	1	3	31	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 8(2)

Percentage distribution of leased out land (excluding homestead) by terms of lease for each size class of household ownership holding

Kerala															
Visit 2															
Size class of ownership holding (ha)	Percentage distribution of leased out land with terms of lease									No. of hhs reporting leased out land per 1000 hhs.	Estd. area leased out (ha)	No. of plots leased out		No of hhs	
	Fixed money	Fixed produce	Share of produce	Service contract	Share of produce together with other terms	Ufructuary mortgage	Relatives under no specific terms	Other terms	All (incl.n.r)			Estd.(00)	Sample	Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	33646	575
0.002-0.005	100	0	0	0	0	0	0	0	100	353	84	168	1	478	3
0.005-0.040	81	0	0	0	0	0	19	0	100	25	143	89	2	3526	56
0.040-0.5	97	0	2	0	0	0	0	1	100	23	2522	255	5	10939	169
0.5-1.0	100	0	0	0	0	0	0	0	100	89	7750	225	2	2531	103
1.0-2.0	90	4	3	0	0	0	4	0	100	29	1238	34	13	1148	276
2.0-3.0	74	0	26	0	0	0	0	0	100	59	513	8	5	135	66
3.0-4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	13
4.0-5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	6
5.0-7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
7.5-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	97	0	2	0	0	0	1	0	100	15	12250	779	28	52459	1270
Estd. no of plots (00)	752	1	8	0	0	0	18	1	779	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	17	1	5	0	0	0	2	2	28	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 9(1)

Number of households reporting land (excluding homestead) possessed but not owned per 1000 households and average area of land (excluding homestead) possessed but not owned per household reporting such land over type of possession by size class of household ownership holding

Kerala				Visit1								
Size class of ownership holding (ha)	Number per 1000 of households reporting				No of hhs		Average area of land per household reporting(0.00 ha)				No. of hhs reporting land (excl. homestead) possessed but not owned	
	Recorded lease	Not recorded lease	Other	All (incl. n.r.)	Estd (00)	Sample	Recorded lease	Not recorded lease	Other	All (incl. n.r.)	Estd. (00)	Sample
0.000-0.002	11	13	4	29	32892	553	0.297	0.214	0.223	0.248	937	22
0.002-0.005	0	380	0	380	443	2	0	0.042	0	0.042	168	1
0.005-0.040	0	0	0	0	3847	59	0	1.8	0	1.8	1	1
0.040-0.5	21	17	0	38	11017	171	0.25	0.369	0	0.302	421	16
0.5-1.0	0	9	1	10	2783	98	0	0.544	0.607	0.547	27	8
1.0-2.0	19	4	0	23	1134	298	0.016	0.585	0	0.107	26	4
2.0-3.0	4	0	0	4	136	68	0.008	0	0	0.008	0	1
3.0-4.0	88	0	0	88	52	18	0.004	0	0	0.004	5	1
4.0-5.0	71	0	0	71	9	6	5.622	0	0	5.622	1	1
5.0-7.5	0	0	0	0	3	4	0	0	0	0	0	0
7.5-10.0	0	0	0	0	1	1	0	0	0	0	0	0
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0
All	12	16	2	30	52317	1278	0.273	0.227	0.228	0.246	1587	55
Estd. no of hhs (00)	640	821	127	1587	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs	13	37	5	55	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 9(2)

Number of households reporting land (excluding homestead) possessed but not owned per 1000 households and average area of land (excluding homestead) possessed but not owned per household reporting such land over type of possession by size class of household ownership holding

Kerala												
Visit 2												
Size class of ownership holding (ha)	Number per 1000 of households reporting				No of hhs		Average area of land per household reporting(0.00 ha)				No. of hhs reporting land (excl. homestead) possessed but not owned	
	Recorded lease	Not recorded lease	Other	All (incl.n.r.)	Estd (00)	Sample	Recorded lease	Not recorded lease	Other	All (incl.n.r)	Estd. (00)	Sample
0.000-0.002	11	13	4	32	33646	575	0.297	0.22	0.223	0.241	1082	23
0.002-0.005	0	0	0	353	478	3	0	0	0	0.042	168	1
0.005-0.040	0	0	0	0	3526	56	0	1.8	0	1.8	1	1
0.040-0.5	22	23	0	45	10939	169	0.253	0.207	0	0.247	495	17
0.5-1.0	22	3	1	33	2531	103	0.004	1.57	0.607	0.184	83	9
1.0-2.0	19	3	0	22	1148	276	0.016	0.677	0	0.1	26	4
2.0-3.0	4	0	0	4	135	66	0.008	0	0	0.008	0	1
3.0-4.0	104	0	0	104	44	13	0.004	0	0	0.004	5	1
4.0-5.0	71	0	0	71	9	6	5.622	0	0	5.622	1	1
5.0-7.5	0	0	0	0	2	2	0	0	0	0	0	0
7.5-10.0	0	0	0	0	1	1	0	0	0	0	0	0
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0	0	0
All	13	13	2	35	52459	1270	0.252	0.235	0.228	0.222	1861	58
Estd. no of hhs (00)	696	704	127	1861	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs	15	32	5	58	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 10(1)

Percentage distribution of area of land leased out by use of lessee household for each size class of household ownership holding

Kerala										
Visit1										
Size class of ownership holding (ha)	Percentage distribution of area of land used by lessee household				Estd. area of leased out land (ha)	Average no. of lessee hh (0.0)	No. of plots leased out		No of hhs reporting leasing out of land	
	For cultivation	Other uses	Not known	All (incl n.r.)			Estd(00)	Sample	Estd(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	100	0	100	84	1	168	1	168	1
0.005-0.040	0	100	0	100	116	3	72	1	72	1
0.040-0.5	100	0	0	100	2493	1	254	4	254	4
0.5-1.0	98	2	0	100	7876	1	226	2	226	2
1.0-2.0	91	9	0	100	1515	1.3	42	17	42	17
2.0-3.0	68	32	0	100	544	1	8	6	8	6
3.0-4.0	0	0	0	0	0	0	0	0	0	0
4.0-5.0	0	0	0	0	0	0	0	0	0	0
5.0-7.5	0	0	0	0	0	0	0	0	0	0
7.5-10.0	0	0	0	0	0	0	0	0	0	0
10.0-20.0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0
All	95	5	0	100	12628	1.2	772	31	772	31
Estd. no of plots (00)	514	258	0	772	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	21	10	0	31	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 10(2)
Percentage distribution of area of land leased out by use of lessee household for each size class of household ownership holding

Kerala					Visit2					
Size class of ownership holding (ha)	Percentage distribution of area of land used by lessee household				Estd. area of leased out land (ha)	Average no. of lessee hh (0.0)	No. of plots leased out		No of hhs reporting leasing out of land	
	For cultivation	Other uses	Not known	All (incl n.r.)			Estd (00)	Sample	Estd(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	100	0	100	84	1	168	1	168	1
0.005-0.040	0	81	0	100	143	2.6	89	2	89	2
0.040-0.5	99	0	0	100	2522	1	255	5	255	5
0.5-1.0	100	0	0	100	7750	1	225	2	225	2
1.0-2.0	92	4	0	100	1238	1.2	34	13	34	13
2.0-3.0	100	0	0	100	513	1	8	5	8	5
3.0-4.0	0	0	0	0	0	0	0	0	0	0
4.0-5.0	0	0	0	0	0	0	0	0	0	0
5.0-7.5	0	0	0	0	0	0	0	0	0	0
7.5-10.0	0	0	0	0	0	0	0	0	0	0
10.0-20.0	0	0	0	0	0	0	0	0	0	0
>20.0	0	0	0	0	0	0	0	0	0	0
All	97	2	0	100	12250	1.2	779	28	779	28
Estd. no of plots (00)	512	248	0	779	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	19	5	0	28	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 11(1)

Number per 1000 of opr. holdings, avg. area per opr. holding , avg. area owned and possessed per opr. holding, avg. area operated per holding, no. of parcels per holding, joint holdings per 1000 of holdings, percentage of total area of hh opr. holdings of those hhs who operated jointly, to total area of opr. holdings, avg. no. of permanent attached farm workers per household opr. holding by size class of household operational holding

Visit1		All - Estimate													
Size class of Operational holding (ha)	No. per 1000 of opr. holdings	Avg. area per opr. holding (0.00 ha)	Avg. area owned and possessed per opr. holding (0.00 ha)	Avg. area operated (used for agri. activities) per holding (0.00 ha)	Ao. of parcels per holding	Joint holdings		Avg. no. of permanent attached farm workers per hh opr. holding	Estimated				Sample		
						No. per 1000 of holdings	% of total area of the opr. holdings of the hhs who operated jointly to total area of opr. holdings		Area operated (ha)	Area of hh opr. holding (ha)	No. of plots (00)	No. of hh opr. holding (00)	No. of plots	No. of hh opr. holdings	
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0.003	0.003	0.001	1	0	0	0	0	1	4	2	4	2	
0.005-0.040	289	0.028	0.025	0.015	1	0	0	0	17812	33739	24696	11977	393	193	
0.040-0.5	600	0.171	0.157	0.144	1	14	3	0	359235	425641	61779	24874	842	345	
0.5-1.0	72	0.741	0.709	0.696	2	0	0	0	207410	220702	8848	2979	174	51	
1.0-2.0	32	1.325	1.298	1.251	2	1	0	1	166159	175992	5223	1329	1403	335	
2.0-3.0	5	2.306	2.285	2.198	2	0	0	1	45692	47934	980	208	483	98	
3.0-4.0	2	3.417	3.106	3.096	3	62	6	0	19975	22041	316	65	119	25	
4.0-5.0	0	4.615	3.55	4.433	2	0	0	1	5455	5679	49	12	41	9	
5.0-7.5	0	5.727	4.139	5.661	5	129	15	2	3357	3396	39	6	34	6	
7.5-10.0	0	8.762	8.762	8.742	2	0	0	0	555	556	4	1	7	1	
10.0-20.0	0	10.561	4.939	10.441	2	1000	100	0	700	708	2	1	3	1	
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All	1000	0.226	0.213	0.199	1	9	2	0	826349	936389	101940	41453	3503	1066	

TABLE 11(2)

Number per 1000 of opr. holdings, avg. area per opr. holding, avg. area owned and possessed per opr. holding, avg. area operated per holding, no. of parcels per holding, joint holdings per 1000 of holdings, percentage of total area of hh opr. holdings of those hhs who operated jointly, to total area of opr. holdings, avg. no. of permanent attached farm workers per household opr. holding by size class of household operational holding

Size class of operational holding (ha)	Visit2					All			Estimate						
	No. per 1000 of opr. holdings	Avg. area per opr. holding (0.00 ha)	Avg. area owned and possessed per opr. holding (0.00 ha)	Avg. area operated (used for agri. activities) per holding (0.00 ha)	No. of parcels per holding	Joint holdings		Avg. no. of permanent attached farm workers per hh opr. holding	Estimated				Sample		
						No. per 1000 of holdings	% of total area of the opr. holdings of the hhs who operated jointly to total area of opr. holdings		Area operated (ha)	Area of hh opr. holding (ha)	No. of plots (00)	No. of hh opr. holding (00)	No. of plots	No. of hh opr. holdings	
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	1	0.004	0	0.002	1	0	0	0	5	10	51	26	2	1	
0.005-0.040	279	0.028	0.025	0.015	1	9	1	0	16962	32011	23674	11364	377	183	
0.040-0.5	600	0.167	0.152	0.14	1	14	3	0	342659	408473	60645	24462	821	336	
0.5-1.0	76	0.733	0.7	0.687	2	0	0	0	213895	228149	9947	3113	190	53	
1.0-2.0	37	1.377	1.354	1.304	2	8	1	0	198915	210028	6351	1526	1432	338	
2.0-3.0	5	2.309	2.289	2.164	2	0	0	1	44108	47064	976	204	490	97	
3.0-4.0	2	3.403	3.264	3.084	3	12	1	0	19968	22037	303	65	113	24	
4.0-5.0	0	4.576	3.738	4.428	3	0	0	2	6925	7156	67	16	47	10	
5.0-7.5	0	5.41	2.388	5.354	7	415	41	4	4602	4650	72	9	41	6	
7.5-10.0	0	8.762	8.762	8.742	5	1000	100	0	555	556	4	1	7	1	
10.0-20.0	0	10.561	4.939	10.441	3	1000	100	0	700	708	2	1	3	1	
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	1000	0.236	0.221	0.208	1	12	2	0	849293	960841	102092	40785	3523	1050	

TABLE 11(3)

Number per 1000 of opr. holdings, avg. area per opr. holding, avg. area owned and possessed per opr. holding, avg. area operated per holding, no. of parcels per holding, joint holdings per 1000 of holdings, percentage of total area of hh opr. holdings of those hhs who operated jointly, to total area of opr. holdings, avg. no. of permanent attached farm workers per household opr. holding by size class of household operational holding

Whole agricultural year														
all estimate														
Size class of operational holding (ha)	No. per 1000 of opr. holdings	Avg. area per opr. holding (0.00 ha)	Avg. area owned and possessed per opr. holding (0.00 ha)	Avg. area operated (used for agri. activities) per holding (0.00 ha)	No. of parcels per holding	Joint holdings		Avg. no. of permanent attached farm workers per hh opr. holding	Estimated				Sample	
						No. per 1000 of holdings	% of total area of the opr. holdings of the hhs who operated jointly to total area of opr. holdings		Area operated (ha)	Area of hh opr. holding (ha)	No. of plots (00)	No. of hh opr. holding (00)	No. of plots	No. of hh opr. holdings
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0.003	0.003	0.001	0	0	0	0	0	1	4	2	4	2
0.005-0.040	282	0.028	0.025	0.015	1	9	1	0	17154	32597	24119	11587	379	184
0.040-0.5	594	0.169	0.155	0.141	1	14	3	0	344765	411827	60095	24415	815	336
0.5-1.0	79	0.73	0.7	0.664	2	0	0	0	214192	235684	10508	3227	181	51
1.0-2.0	38	1.39	1.368	1.326	2	8	1	0	206172	216217	6441	1555	1438	339
2.0-3.0	5	2.324	2.305	2.206	2	0	0	1	48192	50751	1019	218	501	101
3.0-4.0	2	3.412	3.273	3.092	3	12	1	0	20025	22095	303	65	113	24
4.0-5.0	0	4.576	3.738	4.428	3	0	0	2	6925	7156	67	16	47	10
5.0-7.5	0	5.533	2.694	5.478	8	390	38	1	5013	5063	75	9	46	7
7.5-10.0	0	8.762	8.762	8.742	5	1000	100	0	555	556	4	1	7	1
10.0-20.0	0	10.561	4.939	10.441	3	1000	100	0	700	708	2	1	3	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	1000	0.239	0.226	0.21	1	11	2	0	863693	982654	102637	41095	3534	1056

TABLE 12

Per 1000 distribution of households with no. of member(s) other than the main operator those are associated with the household operational holding for each size class of household operational holding

Visit I								
Size class of operational holding (ha)	Per 1000 distribution of hhs with no. of member(s) other than the main operator those are associated with the hh opr. holding				No of hh opr. holdings			
	0	1	2	3	>3	All (incl n.r)	Estd (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	1000	0	1000	2	2
0.005-0.040	364	410	98	66	63	1000	11977	193
0.040-0.5	338	385	169	54	55	1000	24874	345
0.5-1.0	143	334	420	49	56	1000	2979	51
1.0-2.0	241	473	109	144	33	1000	1329	335
2.0-3.0	138	442	158	189	74	1000	208	98
3.0-4.0	82	434	42	422	20	1000	65	25
4.0-5.0	58	768	65	57	52	1000	12	9
5.0-7.5	492	206	245	0	58	1000	6	6
7.5-10.0	0	0	0	0	1000	1000	1	1
10.0-20.0	0	1000	0	0	0	1000	1	1
>20.0	0	0	0	0	0	0	0	0
All	327	392	164	61	57	1000	41453	1066
Estd. no of hh opr.holdings (00)	13545	16229	6806	2527	2346	41453	XXX	XXX
Sample no. of hh opr.holdings	292	438	151	113	72	1066	XXX	XXX

TABLE 13(1)
No. of plots and corresponding area of hhd belonging to different size class of hhd opr holding by kind of possession

Visit1																
Size class of operational holding (ha)	No. of plots with kind of possession as(00)					area with kind of possession as					Prop. of hhs reporting only homestead land per 1000 hhs	Estd.			Sample no. of	
	Owned and possessed	Leased in	Otherwise possessed	Leased out	Plots possd	Owned and possessed	Leased in	Otherwise possessed	Leased out	Area of plots possd		No. of plots (00)	Area of plots (ha)	No of hhs (00)	Plots	Hhs
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	4	0	0	0	4	1	0	0	0	1	1000	4	1	2	4	2
0.005-0.040	22357	2266	0	72	24623	30421	3318	0	116	33739	924	24623	33739	11977	392	193
0.040-0.5	58151	2947	199	481	61298	391533	31882	2227	10616	425641	796	61298	425641	24874	836	345
0.5-1.0	8395	443	0	9	8839	211359	9343	0	227	220702	612	8839	220702	2979	170	51
1.0-2.0	5087	91	13	33	5190	172508	2710	774	1370	175992	676	5190	175992	1329	1388	335
2.0-3.0	967	6	0	8	972	47509	425	0	100	47934	585	972	47934	208	480	98
3.0-4.0	273	43	0	0	316	20037	2004	0	0	22041	536	316	22041	65	119	25
4.0-5.0	42	7	0	0	49	4368	1311	0	0	5679	635	49	5679	12	41	9
5.0-7.5	36	4	0	0	39	2454	942	0	0	3396	929	39	3396	6	34	6
7.5-10.0	4	0	0	0	4	556	0	0	0	556	1000	4	556	1	7	1
10.0-20.0	1	1	0	0	2	331	377	0	0	708	0	2	708	1	3	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	95318	5808	212	603	101337	881077	52312	3001	12429	936389	814	101337	936389	41453	3474	1066
estd. no of plots (00)/area (ha)	95318	5808	212	603	101337	881077	52312	3001	12429	936389	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	3291	173	10	29	3474	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 13(2)
No. of plots and corresponding area of hhd belonging to different size class of hhd opr holding by kind of possession

Size class of operational holding (ha)	Visit 2															
	No. of plots with kind of possession as (00)					Area with kind of possession as					Prop. of hhs reporting only homestead land per 1000 hhs	Estd.			Sample no. of	
	Owned and possessed	Leased in	Otherwise possessed	Leased out	Plots possd	Owned and possessed	Leased in	Otherwise possessed	Leased out	Area of plots possd		No of plots (00)	Area of plots (ha)	No of hhs (00)	Plots	Hhs
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	51	0	0	51	0	10	0	0	10	1000	51	10	26	2	1
0.005-0.040	21331	2162	0	89	23493	28750	3261	0	143	32011	912	23493	32011	11364	373	183
0.040-0.5	56256	3014	199	479	59469	372997	33249	2227	10462	408473	807	59469	408473	24462	807	336
0.5-1.0	8936	720	0	2	9656	218044	10106	0	97	228149	707	9656	228149	3113	185	53
1.0-2.0	6066	98	5	33	6169	206541	2723	765	1363	210028	773	6169	210028	1526	1396	338
2.0-3.0	953	6	0	8	958	46667	397	0	100	47064	646	958	47064	204	481	97
3.0-4.0	271	14	0	0	285	21135	903	0	0	22037	716	285	22037	65	107	24
4.0-5.0	59	7	0	0	66	5845	1311	0	0	7156	758	66	7156	16	46	10
5.0-7.5	36	36	0	0	72	2052	2597	0	0	4650	625	72	4650	9	40	6
7.5-10.0	4	0	0	0	4	556	0	0	0	556	1000	4	556	1	7	1
10.0-20.0	1	1	0	0	2	331	377	0	0	708	0	2	708	1	3	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	93913	6109	204	611	100226	902917	54932	2992	12165	960841	826	100226	960841	40785	3447	1050
Estd. no of plots (00) /area (ha)	93913	6109	204	611	100226	902917	54932	2992	12165	960841	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	3260	179	8	27	3447	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 14(1)
Percentage distribution of area of land possessed by household by location of the plots for each size class of household operational holding

Visit 1										
Size class of operational holding (ha)	Location of land possessed by the hh					Estimated			Sample	
	Within village	Outside village but within district	Outside district but within state	Outside state but within country	All (incl. n.r.)	Area of land of the opr. holding (ha)	No of plots (00)	No. of hhs (00)	No of plots	No. of hhs
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	100	0	0	0	100	1	4	2	4	2
0.005-0.040	100	0	0	0	100	33739	24623	11977	392	193
0.040-0.5	98	2	0	0	100	425641	61298	24874	836	345
0.5-1.0	97	3	0	0	100	220702	8839	2979	170	51
1.0-2.0	94	6	0	0	100	175992	5190	1329	1388	335
2.0-3.0	90	9	1	0	100	47934	972	208	480	98
3.0-4.0	87	10	2	0	100	22041	316	65	119	25
4.0-5.0	92	8	0	0	100	5679	49	12	41	9
5.0-7.5	70	30	0	0	100	3396	39	6	34	6
7.5-10.0	100	0	0	0	100	556	4	1	7	1
10.0-20.0	47	53	0	0	100	708	2	1	3	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	96	4	0	0	100	936389	101337	41453	3474	1066
Estd. area (ha)	901413	32836	1579	0	936389	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	100047	1092	90	0	101337	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	3322	135	14	0	3474	XXX	XXX	XXX	XXX	XXX

TABLE 14(2)
Percentage distribution of area of land possessed by household by location of the plots for each size class of household operational holding

Visit2										
Size class of operational holding (ha)	Location of land possessed by the hh					Estimated			Sample	
	Within village	Outside village but within district	Outside district but within state	Outside state but within country	All (incl. n.r.)	Area of land of the opr. holding (ha)	No of plots (00)	No. of hhs (00)	No of plots	No. of hhs
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	100	0	0	0	100	10	51	26	2	1
0.005-0.040	99	1	0	0	100	32011	23493	11364	373	183
0.040-0.5	96	3	0	0	100	408473	59469	24462	807	336
0.5-1.0	96	4	0	0	100	228149	9656	3113	185	53
1.0-2.0	91	6	0	0	100	210028	6169	1526	1396	338
2.0-3.0	91	9	1	0	100	47064	958	204	481	97
3.0-4.0	91	6	2	0	100	22037	285	65	107	24
4.0-5.0	93	7	0	0	100	7156	66	16	46	10
5.0-7.5	78	22	0	0	100	4650	72	9	40	6
7.5-10.0	100	0	0	0	100	556	4	1	7	1
10.0-20.0	47	53	0	0	100	708	2	1	3	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	94	5	0	0	100	960841	100226	40785	3447	1050
Estd. area (ha)	907925	44765	1554	0	960841	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	97742	1580	91	0	100226	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	3266	139	14	0	3447	XXX	XXX	XXX	XXX	XXX

TABLE 14(3)

Percentage distribution of area of land possessed by household by location of the plots for each size class of household operational holding

Whole Agricultural Year										
Aize class of operational holding (ha)	Location of land possessed by the hh					Estimated			sample	
	Within village	Outside village but within district	Outside district but within state	Outside state but within country	All (incl. n.r.)	Area of land of the opr. holding (ha)	No of plots (00)	No. of hhs (00)	No of plots	No. of hhs
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	100	0	0	0	100	1	4	2	4	2
0.005-0.040	99	1	0	0	100	32597	23937	11587	375	184
0.040-0.5	97	2	0	0	100	411827	58782	24415	800	336
0.5-1.0	97	3	0	0	100	235684	10159	3227	175	51
1.0-2.0	91	6	0	0	100	216217	6264	1555	1405	339
2.0-3.0	91	8	1	0	100	50751	1001	218	492	101
3.0-4.0	91	6	2	0	100	22095	285	65	107	24
4.0-5.0	93	7	0	0	100	7156	66	16	46	10
5.0-7.5	78	22	0	0	100	5063	75	9	45	7
7.5-10.0	100	0	0	0	100	556	4	1	7	1
10.0-20.0	47	53	0	0	100	708	2	1	3	1
>20.0	0	0	0	0	0	0	0	0	0	0
all	95	4	0	0	100	982654	100579	41095	3459	1056
Estd. area (ha)	917622	36974	1533	0	962726	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	98289	1387	90	0	100579	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	3277	141	13	0	3459	XXX	XXX	XXX	XXX	XXX

TABLE 15(1)

Number of households reporting land (excluding homestead) possessed but not owned per 1000 of households and average area of land (excluding homestead) possessed but not owned per households reporting such land over type of possession by size class of household operational holding

Visit 1												
Size class of operational holding (ha)	Number per 1000 of households reporting				Estd. no of hhs (00)	Sample no. of hhs	Average area of land per household reporting(0.00 ha)				No. of hhs reporting land (excl. homestead) possessed but not owned	
	Recorded lease	Not recorded lease	Other	All (incl. n.r.)			Recorded lease	Not recorded lease	Other	All (incl. n.r.)	Estd. (00)	Sample
0.000-0.002	0	0	0	0	21817	337	0	0	0	0	0	0
0.002-0.005	114	225	0	339	415	3	0.003	0.004	0	0.004	141	2
0.005-0.040	0	32	0	32	3628	53	0	0.032	0	0.032	117	2
0.040-0.5	48	30	10	89	11642	166	0.294	0.244	0.175	0.263	1035	13
0.5-1.0	0	22	0	22	2597	99	0	0.446	0	0.446	56	4
1.0-2.0	20	19	5	43	1147	306	0.037	1.165	1.449	0.686	50	19
2.0-3.0	4	32	0	36	132	65	0.008	0.585	0	0.526	5	4
3.0-4.0	88	96	0	184	58	23	0.304	3.464	0	1.952	11	6
4.0-5.0	55	193	0	248	12	7	4.295	3.643	0	3.787	3	2
5.0-7.5	0	433	0	433	4	5	0	4.857	0	4.857	2	1
7.5-10.0	0	0	0	0	1	1	0	0	0	0	0	0
10.0-20.0	1000	0	0	1000	1	1	5.622	0	0	5.622	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0
All	15	16	3	34	41453	1066	0.273	0.275	0.228	0.27	1419	54
Estd. no of hhs (00)	640	653	127	1419	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs	13	36	5	54	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 15(2)

Number of households reporting land (excluding homestead) possessed but not owned per 1000 of households and average area of land (excluding homestead) possessed but not owned per households reporting such land over type of possession by size class of household operational holding

Visit2												
Size class of operational holding (ha)	Number per 1000 of households reporting				Estd. no of hhs (00)	Sample no. of hhs	Average area of land per household reporting(0.00 ha)				No. of hhs reporting land (excl. homestead) possessed but not owned	
	Recorded lease	Not recorded lease	Other	All (incl. n.r.)			Recorded lease	Not recorded lease	Other	All (incl. n.r.)	Estd. (00)	Sample
0.000-0.002	0	0	0	0	21911	354	0	0	0	0	0	0
0.002-0.005	105	208	0	313	450	4	0.003	0.004	0	0.004	141	2
0.005-0.040	0	36	0	36	3210	47	0	0.032	0	0.032	117	2
0.040-0.5	49	37	11	109	11510	162	0.294	0.19	0.175	0.232	1254	15
0.5-1.0	24	16	0	48	2338	101	0.023	0.616	0	0.226	111	5
1.0-2.0	19	19	5	43	1169	289	0.037	1.165	1.449	0.681	50	20
2.0-3.0	4	25	0	29	130	63	0.008	0.677	0	0.59	4	3
3.0-4.0	109	33	0	158	46	17	0.304	3.33	0	1.308	7	5
4.0-5.0	55	193	0	248	12	7	4.295	3.643	0	3.787	3	2
5.0-7.5	0	479	0	767	7	4	0	5.14	0	5.034	5	2
7.5-10.0	0	0	0	0	1	1	0	0	0	0	0	0
10.0-20.0	1000	0	0	1000	1	1	5.622	0	0	5.622	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0
All	17	17	3	41	40785	1050	0.252	0.235	0.228	0.24	1692	57
Estd. no of hhs (00)	696	704	127	1692	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs	15	32	5	57	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 16(1)
Percentage distribution of area of land possessed by duration of possession and no. of plots by duration of possession for each size class of household operational holding

Visit1														
Size class of operational holding (ha)	Percentage distribution of area of land by duration of possession					Estd.area of plots (ha)	Estimated no. of plots(00)					Estd. no of hh opr. holdings (00)	Sample	
	Less than one agri. season	At least one agri. Season but less than one agri. year	At least one agri. Year but less than two agri. years	Two agricultural years or more	Any duration of possession (incl. n.r)		Less than one agricultural season	At least one agri. Season but less than one agri. year	At least one agri. Year but less than two agri. years	Two agricultural years or more	Any duration of possession		No. of plots	No. of hh opr. holding
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	100	100	1	0	0	0	4	4	2	4	2
0.005-0.040	0	1	1	98	100	33739	111	206	432	23874	24623	11977	392	193
0.040-0.5	1	2	2	96	100	425641	148	376	845	59881	61298	24874	836	345
0.5-1.0	0	0	1	99	100	220702	0	0	36	8752	8839	2979	170	51
1.0-2.0	0	0	0	100	100	175992	5	0	12	5134	5190	1329	1388	335
2.0-3.0	0	0	1	99	100	47934	0	1	2	969	972	208	480	98
3.0-4.0	0	0	5	95	100	22041	0	0	29	287	316	65	119	25
4.0-5.0	0	0	14	86	100	5679	0	0	2	47	49	12	41	9
5.0-7.5	0	0	0	100	100	3396	0	0	0	39	39	6	34	6
7.5-10.0	0	0	0	100	100	556	0	0	0	4	4	1	7	1
10.0-20.0	0	53	0	47	100	708	0	1	0	1	2	1	3	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	0	1	1	97	100	936389	264	585	1358	98993	101337	41453	3474	1066
Sample no. of plots	12	11	30	3416	3474	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 16(2)

Percentage distribution of area of land possessed by duration of possession and no. of plots by duration of possession for each size class of household operational holding

Visit 2														
Size class of operational holding (ha)	Percentage distribution of area of land by duration of possession					Estd.area of plots (ha)	Estimated no. of plots(00)					Estd. no of hh opr. holdings (00)	Sample	
	Less than one agri. season	At least one agri. Season but less than one agri. year	At least one agri. Year but less than two agri. years	Two agricultural years or more	Any duration of possession (incl. n.f)		Less than one agricultural season	At least one agri. Season but less than one agri. year	At least one agri. Year but less than two agri. years	Two agricultural years or more	Any duration of possession		No. of plots	No. of hh opr. holding
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	100	0	0	0	100	10	51	0	0	0	51	26	2	1
0.005-0.040	0	0	1	96	100	32011	60	178	461	22397	23493	11364	373	183
0.040-0.5	3	2	2	92	100	408473	578	169	1083	55766	59469	24462	807	336
0.5-1.0	2	0	1	97	100	228149	204	0	36	9284	9656	3113	185	53
1.0-2.0	0	0	0	98	100	210028	0	1	10	5996	6169	1526	1396	338
2.0-3.0	0	0	1	94	100	47064	1	0	2	888	958	204	481	97
3.0-4.0	0	0	0	100	100	22037	0	0	0	285	285	65	107	24
4.0-5.0	0	0	11	89	100	7156	0	0	2	64	66	16	46	10
5.0-7.5	0	0	36	64	100	4650	0	0	32	39	72	9	40	6
7.5-10.0	0	0	0	100	100	556	0	0	0	4	4	1	7	1
10.0-20.0	0	53	0	47	100	708	0	1	0	1	2	1	3	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	1	1	2	94	100	960841	893	348	1626	94725	100226	40785	3447	1050
Sample no. of plots	16	7	33	3269	3447	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 17(1)

Number of household operational holdings reporting at least one plot leased in per 1000 of household operational holdings under different terms of lease by size class of household operational holding

Size class of operational holding (ha)	terms of lease										No. of operational holdings reporting land leased-in in at least one plot		No. of operational holdings	
	Fixed money	Fixed produce	Share of produce	Service contract	Share of produce together with other terms	Usufructuary mortgage	Relatives under no specific terms	Other terms	Any term of lease (incl. n.r.)	Estimated (00)	Sample	Estimated (00)	Sample	
	Visit1													
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.002-0.005	0	0	0	0	0	0	0	0	0	0	0	2	2	
0.005-0.040	35	0	0	0	0	0	72	1	108	1296	25	11977	193	
0.040-0.5	28	9	0	0	0	0	42	0	79	1960	27	24874	345	
0.5-1.0	0	0	0	0	0	0	51	0	51	151	3	2979	51	
1.0-2.0	24	2	0	0	0	0	15	0	41	54	24	1329	335	
2.0-3.0	14	0	0	0	0	0	13	0	27	6	5	208	98	
3.0-4.0	120	0	62	0	0	0	12	0	194	13	6	65	25	
4.0-5.0	109	0	0	0	0	0	182	0	291	4	3	12	9	
5.0-7.5	327	0	0	0	0	0	0	0	327	2	1	6	6	
7.5-10.0	0	0	0	0	0	0	0	0	0	0	0	1	1	
10.0-20.0	1000	0	0	0	0	0	0	0	1000	1	1	1	1	
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All	28	5	0	0	0	0	50	0	84	3485	95	41453	1066	
Estd. no of opr holding (00)	1172	220	4	0	0	0	2073	17	3485	XXX	XXX	XXX	XXX	
Sample no. of opr holding	43	2	2	0	0	0	49	1	95	XXX	XXX	XXX	XXX	

TABLE 17(2)

Number of household operational holdings reporting at least one plot leased in per 1000 of household operational holdings under different terms of lease by size class of household operational holding

Visit 2													
Size class of operational holding (ha)	Terms of lease									No. of operational holdings reporting land leased-in in at least one plot		No. of operational holdings	
	Fixed money	Fixed produce	Share of produce	Service contract	Share of produce together with other terms	Usufructuar y mortgage	Relatives under no specific terms	Other terms	Any term of lease (incl. n.r.)	Estimated (00)	Sample	Estd (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	1000	0	0	0	0	0	0	0	1000	26	1	26	1
0.005-0.040	26	0	0	0	0	0	75	2	107	1217	23	11364	183
0.040-0.5	19	9	5	0	0	0	40	9	83	2027	28	24462	336
0.5-1.0	18	0	24	0	0	0	43	0	90	280	5	3113	53
1.0-2.0	20	2	0	0	0	0	13	2	37	57	23	1526	338
2.0-3.0	9	0	0	0	0	0	14	0	27	6	5	204	97
3.0-4.0	119	0	12	0	0	0	12	0	144	9	5	65	24
4.0-5.0	86	0	0	41	0	0	143	0	229	4	3	16	10
5.0-7.5	226	0	375	0	0	0	0	0	600	5	2	9	6
7.5-10.0	0	0	0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	1000	0	0	0	0	0	0	0	1000	1	1	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	22	5	5	0	0	0	49	6	89	3630	96	40785	1050
Estd. no of opr holding (00)	880	220	191	1	0	0	1991	230	3630	XXX	XXX	XXX	XXX
Sample no. of opr holding	35	2	4	1	0	0	47	4	96	XXX	XXX	XXX	XXX

TABLE 18(1)
Percentage area operated and leased in to total area operated by terms of lease for each size class of household operational holding

Visit1														
Size class of operational holding (ha)	Percentage of operated area leased in land by terms of lease									Estd. area leased in & operated (ha)	estd. area operated (ha)	No of hh opr. holding		
	Fixed money	Fixed produce	Share of produce	Service contract	Share of produce together with other terms	Usufructuar y mortgage	Relatives under no specific terms	Other terms	Any term of lease(incl n.r.)			Estd.(00)	Sample	
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.002-0.005	0	0	0	0	0	0	0	0	0	0	0	0	2	2
0.005-0.040	1	0	0	0	0	0	9	0	10	1798	17812	11977	193	
0.040-0.5	4	1	0	0	0	0	3	0	8	28490	359235	24874	345	
0.5-1.0	0	0	0	0	0	0	4	0	4	9148	207410	2979	51	
1.0-2.0	0	0	0	0	0	0	1	0	2	2622	166159	1329	335	
2.0-3.0	0	0	0	0	0	0	1	0	1	424	45692	208	98	
3.0-4.0	2	0	7	0	0	0	2	0	10	1997	19975	65	25	
4.0-5.0	9	0	0	0	0	0	15	0	24	1311	5455	12	9	
5.0-7.5	28	0	0	0	0	0	0	0	28	942	3357	6	6	
7.5-10.0	0	0	0	0	0	0	0	0	0	0	555	1	1	
10.0-20.0	54	0	0	0	0	0	0	0	54	377	700	1	1	
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All	2	1	0	0	0	0	3	0	6	47109	826349	41453	1066	
Estd. area operated (ha)	17281	5762	1380	0	0	0	22673	7	47109	XXX	XXX	XXX	XXX	
Estd. no of plots (00)	734	226	33	0	0	0	2396	17	3407	XXX	XXX	XXX	XXX	
Sample no. of plots	31	4	14	0	0	0	64	1	115	XXX	XXX	XXX	XXX	

TABLE 18(2)

Percentage area operated and leased in to total area operated by terms of lease for each size class of household operational holding

Visit 2													
Size class of operational holding (ha)	Percentage of operated area leased in land by terms of lease									Estd. area leased in & operated (ha)	Estd. area operated (ha)	No of hh opr. holding	
	Fixed money	Fixed produce	Share of produce	Service contract	Share of produce together with other terms	Usufructuary mortgage	Relatives under no specific terms	Other terms	Any term of lease(incl n.r.)			Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	100	0	0	0	0	0	0	0	100	5	5	26	1
0.005-0.040	0	0	0	0	0	0	9	0	10	1777	16962	11364	183
0.040-0.5	3	2	0	0	0	0	3	1	9	29743	342659	24462	336
0.5-1.0	0	0	0	0	0	0	4	0	5	9770	213895	3113	53
1.0-2.0	0	0	0	0	0	0	1	0	1	1792	198915	1526	338
2.0-3.0	0	0	0	0	0	0	1	0	1	339	44108	204	97
3.0-4.0	2	0	1	0	0	0	2	0	4	896	19968	65	24
4.0-5.0	7	0	0	1	0	0	12	0	19	1311	6925	16	10
5.0-7.5	20	0	36	0	0	0	0	0	56	2597	4602	9	6
7.5-10.0	0	0	0	0	0	0	0	0	0	0	555	1	1
10.0-20.0	54	0	0	0	0	0	0	0	54	377	700	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	2	1	0	0	0	0	3	0	6	48607	849293	40785	1050
Estd. area operated (ha)	13746	5762	3295	39	0	0	22347	2207	48607	XXX	XXX	XXX	XXX
Estd. no of plots (00)	517	226	223	1	0	0	2303	230	3691	XXX	XXX	XXX	XXX
Sample no. of plots	25	4	17	1	0	0	58	4	115	XXX	XXX	XXX	XXX

TABLE 19(1)
Percentage distribution of area of land possessed by households affected by flood / not flooded for each size class of household operational holding

Visit1										
Size class of operational holding (ha)	Percentage distribution of area of land					Estimated			Sample no. of	
	Flooded and agri. activities could not be carried out	Flooded but agri. activities were carried out	Flooded but the plot was not for agri. activities	Not flooded	All (incl. n.r.)	Area of hh opr. holdings (ha)	No of hh opr. holding (00)	No. of plots (00)	Plots	Hh opr. holding
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	100	100	1	2	2	2	2
0.005-0.040	0	1	0	99	100	33739	11977	13042	206	193
0.040-0.5	0	1	1	97	100	425641	24874	36557	494	345
0.5-1.0	0	3	0	96	100	220702	2979	5859	119	51
1.0-2.0	0	2	1	97	100	175992	1329	3863	1054	335
2.0-3.0	1	3	0	96	100	47934	208	765	383	98
3.0-4.0	0	6	4	89	100	22041	65	252	94	25
4.0-5.0	0	0	0	100	100	5679	12	37	32	9
5.0-7.5	0	18	0	82	100	3396	6	33	28	6
7.5-10.0	0	0	0	100	100	556	1	4	6	1
10.0-20.0	0	0	0	100	100	708	1	1	2	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	0	2	1	97	100	936389	41453	60416	2420	1066
Estd. area (ha)	3118	18002	6255	813935	841310	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	161	1079	327	58848	60416	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	14	112	26	2268	2420	XXX	XXX	XXX	XXX	XXX

TABLE19(2)

Percentage distribution of area of land possessed by households affected by flood / not flooded for each size class of household operational holding

Size class of operational holding (ha)	Visit2									
	Percentage distribution of area of land					Estimated			Sample no. of	
	Flooded and agri. activities could not be carried out	Flooded but agri. activities were carried out	Flooded but the plot was not for agri. activities	Not flooded	All (incl. n.r.)	Area of hh opr. holdings (ha)	No of hh opr. holding (00)	No. of plots (00)	Plots	Hh opr. holding
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	100	100	10	26	26	1	1
0.005-0.040	2	0	0	98	100	32011	11364	12412	195	183
0.040-0.5	0	2	1	97	100	408473	24462	35269	476	336
0.5-1.0	0	2	0	97	100	228149	3113	6543	132	53
1.0-2.0	0	1	1	98	100	210028	1526	4645	1059	338
2.0-3.0	1	2	1	95	100	47064	204	755	385	97
3.0-4.0	0	1	0	99	100	22037	65	220	83	24
4.0-5.0	0	0	0	100	100	7156	16	50	36	10
5.0-7.5	0	0	0	100	100	4650	9	63	34	6
7.5-10.0	0	0	0	100	100	556	1	4	6	1
10.0-20.0	0	0	0	100	100	708	1	1	2	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	0	2	1	97	100	960841	40785	59990	2409	1050
Estd. area (ha)	2147	13294	5041	844329	867005	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	326	929	161	58092	59990	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	12	72	27	2285	2409	XXX	XXX	XXX	XXX	XXX

TABLE 20(1)

Percentage distribution of land possessed by household by type of land use for each size class of household operational holding

Size class of operational holding (ha)	Percentage distribution of area of land by type of land use							No. of hhs reporting crop prod. on jhum land per 1000 hhs.	Estd.			Sample no. of	
	Crop production on jhum land	Crop production on land other than jhum land	Farming of animal/ fishery	Crop production and Farming of animal/ fishery	Other agri. uses	Other uses (non agri. uses)	Any type of land use (incl. n.r.)		Area (ha)	No. of plots	No. of hh opr. holdings (00)	Plots	Hh opr. holdings
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	100	0	100	0	0	2	2	2	2
0.005-0.040	0	92	1	3	3	1	100	0	18056	13042	11977	206	193
0.040-0.5	0	88	0	7	4	1	100	0	362731	36557	24874	494	345
0.5-1.0	0	95	0	2	1	2	100	0	210956	5859	2979	119	51
1.0-2.0	0	93	0	3	1	2	100	0	170782	3863	1329	1054	335
2.0-3.0	0	92	0	4	1	2	100	0	46857	765	208	383	98
3.0-4.0	0	75	0	17	0	8	100	0	21742	252	65	94	25
4.0-5.0	0	98	0	0	0	2	100	0	5575	37	12	32	9
5.0-7.5	0	100	0	0	0	0	100	0	3357	33	6	28	6
7.5-10.0	0	100	0	0	0	0	100	0	555	4	1	6	1
10.0-20.0	0	100	0	0	0	0	100	0	700	1	1	2	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	0	91	0	5	2	2	100	0	841310	60416	41453	2420	1066
Estd. area (ha)	0	764171	303	42773	19102	14579	841310	XXX	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	0	51321	385	4187	2965	1554	60416	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	0	2091	12	135	74	105	2420	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 20(2)
Percentage distribution of land possessed by household by type of land use for each size class of household operational holding

Visit 2													
Size class of operational holding (ha)	Percentage distribution of area of land by type of land use							No. of hhs reporting crop prod. on jhum land per 1000 hhs.	Estd.			Sample no. of	
	Crop production on jhum land	Crop production on land other than jhum land	Farming of animal/ fishery	Crop production and Farming of animal/ fishery	Other agri. uses	Other uses (non agri. uses)	Any type of land use (incl. n.r.)		Area (ha)	No. of plots	No. of hh opr. holdings (00)	Plots	Hh opr. holdings
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	100	0	0	0	0	100	0	5	26	26	1	1
0.005-0.040	0	92	1	3	4	1	100	1	17079	12412	11364	195	183
0.040-0.5	0	84	0	8	7	1	100	5	347097	35269	24462	476	336
0.5-1.0	0	93	0	2	2	2	100	0	217851	6543	3113	132	53
1.0-2.0	0	82	0	11	4	3	100	4	204442	4645	1526	1059	338
2.0-3.0	0	92	0	2	1	4	100	0	45894	755	204	385	97
3.0-4.0	0	75	0	17	0	8	100	0	21735	220	65	83	24
4.0-5.0	0	98	0	0	0	2	100	0	7045	50	16	36	10
5.0-7.5	5	95	0	0	0	0	100	40	4602	63	9	34	6
7.5-10.0	0	100	0	0	0	0	100	0	555	4	1	6	1
10.0-20.0	0	100	0	0	0	0	100	0	700	1	1	2	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	0	86	0	7	5	2	100	3	867005	59990	40785	2409	1050
Estd. area (ha)	1788	747463	482	60541	39020	16708	867005	XXX	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	143	49109	404	4262	3828	1814	59990	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	10	2021	15	136	87	129	2409	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 21(1)

Percentage distribution of land used for crop production/ livestock farming by types of crop production/ livestock farming for each size class of household operational holding

Visit1	Estimate														Estd. area used for crop prod./ livestock farming	No. of plots used for crop prod./ livestock farming		No. of hh opr holdings	
	Types of crop production/ livestock farming															Estd (00)	Sample	Estd.	Sample
	Cereals	Pulses	Oilseeds	Vegetables	Fodder	Other crop	Orchards	Plantation	Dairy	Poultry/ duckery	Piggery	Fishery	Farming of other animals	All (incl n.r.)					
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005-0.040	0	0	20	7	0	59	8	4	0	0	0	0	0	100	17181	12470	200	11566	189
0.040-0.5	5	0	17	5	0	54	3	14	2	0	0	0	0	100	344520	33727	454	23997	334
0.5-1.0	4	0	26	0	0	45	9	17	0	0	0	0	0	100	206174	5157	111	2979	51
1.0-2.0	9	0	5	0	0	42	7	37	0	0	0	0	0	100	164344	3570	974	1327	333
2.0-3.0	9	0	5	1	0	28	3	53	0	0	0	0	0	100	45004	678	349	206	97
3.0-4.0	20	0	3	0	0	47	8	23	0	0	0	0	0	100	19957	216	84	65	25
4.0-5.0	25	0	0	3	0	37	21	14	0	0	0	0	0	100	5455	35	30	12	9
5.0-7.5	48	0	0	0	0	44	0	7	0	0	0	0	0	100	3357	33	28	6	6
7.5-10.0	65	0	0	12	0	14	9	0	0	0	0	0	0	100	555	4	6	1	1
10.0-20.0	46	0	0	0	0	54	0	0	0	0	0	0	0	100	700	1	2	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	7	0	15	2	0	47	6	21	1	0	0	0	0	100	807246	55893	2238	40159	1046
Estd. area (ha)	53862	515	124305	20137	199	381855	47172	172004	7025	18	0	0	0	807246	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	1546	47	10051	2985	50	31751	2453	5578	1293	86	0	0	0	55893	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	173	5	209	84	1	1161	118	443	37	5	0	0	0	2238	XXX	XXX	XXX	XXX	XXX

TABLE 21(2)
Percentage distribution of land used for crop production/ livestock farming by types of crop production/ livestock farming for each size class of household operational holding

Visit2		Estimate																	
Size class of operational holding (ha)	Types of crop production/ livestock farming														Estd. area used for crop prod./ livestock farming	No. of plots used for crop prod./ livestock farming		No. of hh opr holdings	
	Cereals	Pulses	Oilseeds	Vegetables	Fodder	Other Crop	Orchards	Plantation	Dairy	Poultry/ Duckery	Piggery	Fishery	Farming Of Other Animals	All (Incl N.R.)		Estd (00)	Sample	Estd.	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	100	0	0	0	0	0	0	0	100	5	26	1	26	1
0.005-0.040	0	0	20	9	0	58	8	4	0	0	0	0	100	16353	11929	188	11042	178	
0.040-0.5	6	0	15	5	0	54	3	14	2	0	0	0	100	318242	31270	422	22810	315	
0.5-1.0	4	0	25	0	0	45	8	17	0	0	0	0	100	208642	5451	111	3103	51	
1.0-2.0	8	0	2	1	0	42	6	41	0	0	0	0	100	190840	4282	974	1485	336	
2.0-3.0	8	0	2	1	0	27	7	54	0	0	0	0	100	43459	658	337	201	96	
3.0-4.0	15	0	3	0	0	53	8	23	0	0	0	0	100	19950	185	73	65	24	
4.0-5.0	20	0	0	2	0	51	16	11	0	0	0	0	100	6925	49	34	16	10	
5.0-7.5	66	0	0	0	0	23	5	5	0	0	0	0	100	4602	63	34	9	6	
7.5-10.0	65	0	0	12	0	14	9	0	0	0	0	0	100	555	4	6	1	1	
10.0-20.0	46	0	0	0	0	54	0	0	0	0	0	0	100	700	1	2	1	1	
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All	7	0	13	3	0	47	6	23	1	0	0	0	100	810273	53918	2182	38756	1019	
Estd. area (ha)	52929	1269	108380	20826	0	383930	46704	188274	6917	18	0	0	810273	XXX	XXX	XXX	XXX	XXX	
Estd. no of plots (00)	1460	59	8774	3023	0	30959	2198	5893	1289	86	0	0	53918	XXX	XXX	XXX	XXX	XXX	
Eample no. of plots	151	3	186	88	0	1144	116	444	34	5	0	0	2182	XXX	XXX	XXX	XXX	XXX	

TABLE 21(3)
Percentage distribution of land used for crop production/ livestock farming by types of crop production/ livestock farming for each size class of household operational holding

Whole agricultural year estimate															Estd. area used for crop prod./ livestock farming	No. of plots used for crop prod./ livestock farming		No. of hh opr holdings	
Size class of operational holding (ha)	Types of crop production/ livestock farming													Estd (00)		Sample	Estd (00)	Sample	
	Cereals	Pulses	Oilseeds	Vegetables	Fodder	Other crop	Orchards	Plantation	Dairy	Poultry/ duckery	Piggery	Fishery	Farming or other animals						All (incl n.r.)
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.005-0.040	0	1	13	2	0	56	8	4	0	0	0	0	0	100	16316	11917	187	11029	177
0.040-0.5	6	3	11	2	0	53	3	12	3	0	0	0	0	100	303588	30402	413	22283	310
0.5-1.0	4	2	33	0	0	43	1	12	0	0	0	0	0	100	208796	5786	107	3216	49
1.0-2.0	7	1	4	1	0	41	4	34	0	0	0	0	0	100	192294	4299	975	1510	336
2.0-3.0	7	0	7	1	0	28	1	54	0	0	0	0	0	100	45188	684	342	215	99
3.0-4.0	15	0	3	0	0	53	8	23	0	0	0	0	0	100	19950	185	73	65	24
4.0-5.0	20	0	0	2	0	51	16	11	0	0	0	0	0	100	6925	49	34	16	10
5.0-7.5	65	0	0	0	0	25	5	5	0	0	0	0	0	100	4676	65	37	9	7
7.5-10.0	65	0	0	12	0	14	9	0	0	0	0	0	0	100	555	4	6	1	1
10.0-20.0	46	0	0	0	0	54	0	0	0	0	0	0	0	100	700	1	2	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	6	2	14	1	0	46	3	20	1	0	0	0	0	100	798988	53393	2176	38344	1014
Estd. area (ha)	51094	14292	115496	7322	0	367972	24137	157657	10027	10	0	0	0	798988	XXX	XXX	XXX	XXX	XXX
Estd. no of plots (00)	1397	950	7597	1739	0	29169	1956	5167	1161	16	0	0	0	53393	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	147	23	155	69	0	1105	107	412	30	4	0	0	0	2176	XXX	XXX	XXX	XXX	XXX

TABLE 22(1)

Percentage distribution of land operated for farming of animals by type of farming animals for each size class of household operational holding

Visit1													
Size class of operational holding (ha)	% of area operated for farming of animals	% distrn of area of land operated by type of farming animal						Estd. area used for farming of animals (ha)	Total estd. area (ha)	No of hh opr. holdings reporting farming of animals		No of hh opr. holdings	
		Dairy	Poultry/duckery	Piggery	Fishery	Farming of other animals	All (incl n.r.)			Estd.(00)	Sample	Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	0	0	0	2	2
0.005-0.040	0	81	19	0	0	0	100	71	17812	199	5	11977	193
0.040-0.5	2	100	0	0	0	0	100	6518	359235	1118	11	24874	345
0.5-1.0	0	0	0	0	0	0	0	0	207410	0	0	2979	51
1.0-2.0	0	99	1	0	0	0	100	251	166159	44	14	1329	335
2.0-3.0	0	99	1	0	0	0	100	201	45692	13	10	208	98
3.0-4.0	0	100	0	0	0	0	100	2	19975	1	1	65	25
4.0-5.0	0	0	0	0	0	0	0	0	5455	0	0	12	9
5.0-7.5	0	0	0	0	0	0	0	0	3357	0	0	6	6
7.5-10.0	0	0	0	0	0	0	0	0	555	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	700	0	0	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	1	100	0	0	0	0	100	7043	826349	1375	41	41453	1066
Estd. area (ha)	----	7025	18	0	0	0	7043	XXX	XXX	XXX	XXX	XXX	XXX
Estd. no plots (00)	----	1293	86	0	0	0	1380	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of plots	----	37	5	0	0	0	42	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 22(2)
Percentage distribution of land operated for farming of animals by type of farming animals for each size class of household operational holding

Visit 2														
Size class of operational holding (ha)	% of area operated for farming of animals	% distrn of area of land operated by type of farming animal						Estd. area used for farming of animals (ha)	Total estd. area (ha)	No of hh opr. holdings reporting farming of animals		No of hh opr. holdings		
		Dairy	Poultry/duckery	Piggery	Fishery	Farming of other animals	All (incl n.r.)			Estd.(00)	sample	Estd.(00)	Sample	
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	5	0	0	26	1	
0.005-0.040	0	81	19	0	0	0	100	71	16962	199	5	11364	183	
0.040-0.5	2	100	0	0	0	0	100	6518	342659	1118	11	24462	336	
0.5-1.0	0	0	0	0	0	0	0	0	213895	0	0	3113	53	
1.0-2.0	0	98	2	0	0	0	100	149	198915	41	12	1526	338	
2.0-3.0	0	99	1	0	0	0	100	195	44108	12	9	204	97	
3.0-4.0	0	100	0	0	0	0	100	2	19968	1	1	65	24	
4.0-5.0	0	0	0	0	0	0	0	0	6925	0	0	16	10	
5.0-7.5	0	0	0	0	0	0	0	0	4602	0	0	9	6	
7.5-10.0	0	0	0	0	0	0	0	0	555	0	0	1	1	
10.0-20.0	0	0	0	0	0	0	0	0	700	0	0	1	1	
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All	1	100	0	0	0	0	100	6935	849293	1371	38	40785	1050	
Estd. area (ha)	----	6917	18	0	0	0	6935	XXX	XXX	XXX	XXX	XXX	XXX	
Estd. no plots (00)	----	1289	86	0	0	0	1376	XXX	XXX	XXX	XXX	XXX	XXX	
Sample no. of plots	----	34	5	0	0	0	39	XXX	XXX	XXX	XXX	XXX	XXX	

TABLE 23(1)

Estimated area of land, number of household operational holdings and no. of plots used for growing more than one crop by size class of household operational holdings

Visit1															
Size class of operational holding (ha)	Estimated area of land			No. of hh opr. holdings growing more than one crop		No. of hh opr. holdings growing crops		No of hh opr. Holdings		No. of plots used for growing more than one crop		No. of plots growing crop		No. of plots	
	Used for growing more than one crop (ha)	Used for growing crop (ha)	All (ha)	Estd	Sample	Estd	Sample	Estd	Sample	Estd	Sample	Estd	Sample	Estd	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	2	2	0	0	0	0	4	4
0.005-0.040	9578	7435	17013	5742	101	11318	183	11977	193	5940	105	12222	194	24696	393
0.040-0.5	233859	104142	338001	17908	261	23284	329	24874	345	21837	312	32610	443	61779	842
0.5-1.0	174284	31890	206174	2676	41	2979	51	2979	51	3932	66	5157	111	8848	174
1.0-2.0	93342	70696	164037	944	236	1325	332	1329	335	1935	480	3518	958	5223	1403
2.0-3.0	18519	26284	44803	105	55	206	97	208	98	218	123	665	339	980	483
3.0-4.0	10244	9711	19956	48	16	65	25	65	25	95	30	216	83	316	119
4.0-5.0	2183	3272	5455	6	4	12	9	12	9	8	7	35	30	49	41
5.0-7.5	1653	1704	3357	6	6	6	6	6	6	20	19	33	28	39	34
7.5-10.0	0	555	555	0	0	1	1	1	1	0	0	4	6	4	7
10.0-20.0	0	700	700	0	0	1	1	1	1	0	0	1	2	2	3
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	543661	256389	800050	27435	720	39195	1034	41453	1066	33986	1142	54462	2194	101940	3503

TABLE 23(2)

Estimated area of land, number of household operational holdings and no. of plots used for growing more than one crop by size class of household operational holdings

Visit 2															
Size class of operational holding (ha)	Estimated area of land			No. of hh opr. holdings growing more than one crop		No. of hh opr. holdings growing crops		No of hh opr. Holdings		No. of plots used for growing more than one crop		No. of plots growing crop		No. of plots	
	Used for growing more than one crop (ha)	Used for growing crop (ha)	All (ha)	Estd	Sample	Estd	Sample	Estd	Sample	Estd	Sample	Estd	Sample	Estd	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	5	0	5	26	1	26	1	26	1	26	1	26	1	51	2
0.005-0.040	9357	6827	16184	5410	93	10794	172	11364	183	5592	96	11681	182	23674	377
0.040-0.5	203873	107553	311426	16629	239	21979	307	24462	336	19694	284	30034	408	60645	821
0.5-1.0	149669	58973	208642	2547	38	3103	51	3113	53	3371	61	5451	111	9947	190
1.0-2.0	115769	74623	190409	1058	232	1480	333	1526	338	2602	477	4230	955	6351	1432
2.0-3.0	15059	27803	42915	92	50	201	96	204	97	192	116	643	327	976	490
3.0-4.0	11318	8630	19948	49	15	65	24	65	24	90	27	185	72	303	113
4.0-5.0	3654	3272	6925	9	5	16	10	16	10	21	11	49	34	67	47
5.0-7.5	1223	3379	4602	5	5	9	6	9	6	16	14	63	34	72	41
7.5-10.0	0	555	555	0	0	1	1	1	1	0	0	4	6	4	7
10.0-20.0	0	700	700	0	0	1	1	1	1	0	0	1	2	2	3
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	509927	292314	802311	25826	678	37672	1002	40785	1050	31604	1087	52366	2132	102092	3523

TABLE 24(1)
Percentage of irrigated area of land used for crop production by size class of household operational holding

Visit1														
Size class of operational holding (ha)	Percentage distribution of irrigated land with irrigation facilities						Estd. irrigated area (ha)	Estimated total area (ha)	Estd. cultivated area (ha)		No. of hh opr. holding using irrigation facilities		No of hh opr. holdings engaged in crop production	
	Canal	Minor surface works	Ground water	Combination of these three sources	Others	Any source (incl. n.r.)			Irrigated	Unirrigated	Estd	Sample	Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	1	0	0	0	0	0	0
0.005-0.040	0	13	84	3	0	100	4883	33739	3424	11439	3097	49	11318	183
0.040-0.5	19	17	63	1	0	100	106164	425641	97292	181593	7939	118	23284	329
0.5-1.0	8	7	83	2	0	100	89136	220702	85224	68768	1523	26	2979	51
1.0-2.0	24	11	49	13	3	100	48726	175992	36233	55566	683	174	1325	332
2.0-3.0	30	5	59	4	2	100	10375	47934	7434	12099	83	47	206	97
3.0-4.0	35	17	33	11	4	100	10356	22041	8077	5844	40	16	65	25
4.0-5.0	50	13	31	0	6	100	554	5679	445	3135	4	4	12	9
5.0-7.5	29	0	22	49	0	100	2078	3396	2071	1027	6	5	6	6
7.5-10.0	0	0	100	0	0	100	67	556	67	437	1	1	1	1
10.0-20.0	100	0	0	0	0	100	323	708	323	377	1	1	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	17	12	65	4	1	100	272662	936389	240589	340284	13375	441	39195	1034
Estd. area (0.00 ha)	47367	33080	178435	11299	2481	272662	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Estd. no of hh opr. holdings (00)	1110	1418	11170	340	158	13375	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hh opr. holdings	63	62	339	22	23	441	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 24(2)
Percentage of irrigated area of land used for crop production by size class of household operational holding

Visit 2														
Size class of operational holding (ha)	Percentage distribution of irrigated land with irrigation facilities						Estd. irrigated area (ha)	Estimated total area (ha)	Estd. cultivated area (ha)		No. of hh opr. holding using irrigation facilities		no of hh opr. holdings engaged in crop production	
	Canal	Minor surface works	Ground water	Combination of these three sources	Others	Any source (incl. n.r.)			Irrigated	Unirrigated	Estd	Sample	Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	10	0	5	0	0	26	1
0.005-0.040	2	20	73	2	3	100	6086	32011	4761	9407	4105	65	10794	172
0.040-0.5	18	19	56	0	5	100	105799	408473	96281	159424	8540	125	21979	307
0.5-1.0	7	13	79	1	0	100	113866	228149	88271	66770	2105	32	3103	51
1.0-2.0	21	8	59	6	5	100	58103	210028	45203	55744	895	196	1480	333
2.0-3.0	22	3	65	3	5	100	11550	47064	6759	9819	89	51	201	96
3.0-4.0	32	10	54	0	4	100	9887	22037	6996	6919	36	16	65	24
4.0-5.0	10	6	63	0	20	100	4182	7156	3030	2020	11	8	16	10
5.0-7.5	43	0	57	0	0	100	3757	4650	3514	593	8	5	9	6
7.5-10.0	0	0	100	0	0	100	555	556	504	0	1	1	1	1
10.0-20.0	100	0	0	0	0	100	323	708	323	377	1	1	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	15	13	66	2	3	100	314107	960841	255640	311078	15790	500	37672	1002
Astd. area (0.00 ha)	47687	42177	206943	5773	10746	314107	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Astd. no of hh opr. Holdings (00)	1192	2170	12092	220	718	15790	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hh opr. holdings	71	69	378	16	33	500	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 25(1)
Per 1000 distribution of jointly operated operational holdings by number of partner households for each size class of household operational holding

Visit 1									
Size class of operational holding (ha)	No. of partner households					No. of joint operational holdings		No. of hh opr. Holding	
	2	3	4	>4	All (incl n.r)	Estd.(00)	Sample	Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	2	2
0.005-0.040	0	0	0	0	0	0	0	11977	193
0.040-0.5	930	70	0	0	1000	351	4	24874	345
0.5-1.0	0	0	0	0	0	0	0	2979	51
1.0-2.0	1000	0	0	0	1000	2	3	1329	335
2.0-3.0	0	0	0	0	0	0	0	208	98
3.0-4.0	0	1000	0	0	1000	4	2	65	25
4.0-5.0	0	0	0	0	0	0	0	12	9
5.0-7.5	1000	0	0	0	1000	1	2	6	6
7.5-10.0	0	0	0	0	0	0	0	1	1
10.0-20.0	1000	0	0	0	1000	1	1	1	1
>20.0	0	0	0	0	0	0	0	0	0
All	920	80	0	0	1000	359	12	41453	1066
Estd. no of hhs opr. holding (00)	330	29	0	0	359	XXX	XXX	XXX	XXX
Sample no. of hhs opr. holding	9	3	0	0	12	XXX	XXX	XXX	XXX

TABLE 25(2)

Per 1000 distribution of jointly operated operational holdings by number of partner households for each size class of household operational holding

Visit 2									
Size class of operational holding (ha)	No. of partner households					No. of joint operational holdings		No. of hh opr. Holding	
	2	3	4	>4	All (incl n.r)	Estd.(00)	Sample	Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	26	1
0.005-0.040	0	0	0	0	1000	101	2	11364	183
0.040-0.5	930	70	0	0	1000	351	4	24462	336
0.5-1.0	1000	0	0	0	1000	1	1	3113	53
1.0-2.0	509	0	0	0	1000	12	6	1526	338
2.0-3.0	0	0	0	0	0	0	0	204	97
3.0-4.0	0	0	1000	0	1000	1	1	65	24
4.0-5.0	0	0	0	0	0	0	0	16	10
5.0-7.5	97	0	903	0	1000	4	2	9	6
7.5-10.0	0	0	1000	0	1000	1	1	1	1
10.0-20.0	1000	0	0	0	1000	1	1	1	1
>20.0	0	0	0	0	0	0	0	0	0
All	711	53	10	0	1000	471	18	40785	1050
Estd. no of hhs opr. holding (00)	335	25	5	0	471	XXX	XXX	XXX	XXX
Sample no. of hhs opr. holding	9	1	3	0	18	XXX	XXX	XXX	XXX

TABLE 25(3)

Per 1000 distribution of jointly operated operational holdings by number of partner households for each size class of household operational holding

Whole Agricultural Year									
Size class of operational holding (ha)	No. of partner households					No. of joint operational holdings		No. of hh opr. Holding	
	2	3	4	>4	All (incl n.r)	Estd.(00)	Sample	Estd.(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	2	2
0.005-0.040	0	0	0	0	1000	101	2	11587	184
0.040-0.5	930	70	0	0	1000	351	4	24415	336
0.5-1.0	0	0	0	0	0	0	0	3227	51
1.0-2.0	537	0	0	0	1000	13	7	1555	339
2.0-3.0	0	0	0	0	0	0	0	218	101
3.0-4.0	0	0	1000	0	1000	1	1	65	24
4.0-5.0	0	0	0	0	0	0	0	16	10
5.0-7.5	97	0	903	0	1000	4	2	9	7
7.5-10.0	0	0	1000	0	1000	1	1	1	1
10.0-20.0	1000	0	0	0	1000	1	1	1	1
>20.0	0	0	0	0	0	0	0	0	0
All	711	53	10	0	1000	471	18	41095	1056
Estd. no of hhs opr. holding (00)	335	25	5	0	471	XXX	XXX	XXX	XXX
Sample no. of hhs opr. holding	9	1	3	0	18	XXX	XXX	XXX	XXX

TABLE 26(1)

Per 1000 distribution of operational holdings by number of parcel for each size class of household operational holding

Visit 1													
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with no. of parcel as											No of opr. holding	
	1	2	3	4	5	.6-10	.11-15	16-20	21-25	>25	all (incl n.r.)	Estd(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	1000	0	0	0	0	0	0	0	0	0	1000	2	2
0.005-0.040	992	8	0	0	0	0	0	0	0	0	1000	11977	193
0.040-0.5	807	156	36	0	1	0	0	0	0	0	1000	24874	345
0.5-1.0	649	229	98	19	0	6	0	0	0	0	1000	2979	51
1.0-2.0	329	378	208	25	10	50	0	0	0	0	1000	1329	335
2.0-3.0	294	396	153	94	26	37	0	0	0	0	1000	208	98
3.0-4.0	163	224	338	170	0	104	0	0	0	0	1000	65	25
4.0-5.0	523	64	123	182	52	57	0	0	0	0	1000	12	9
5.0-7.5	71	0	152	327	206	245	0	0	0	0	1000	6	6
7.5-10.0	0	1000	0	0	0	0	0	0	0	0	1000	1	1
10.0-20.0	0	1000	0	0	0	0	0	0	0	0	1000	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	830	127	36	3	1	2	0	0	0	0	1000	41453	1066
Estd. no of hhs opr. holding (00)	34397	5275	1512	125	44	100	0	0	0	0	41453	XXX	XXX
Sample no. of hhs opr. holding	613	259	111	43	22	18	0	0	0	0	1066	XXX	XXX

TABLE 26(2)

Per 1000 distribution of operational holdings by number of parcel for each size class of household operational holding

Visit 2													
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with no. of parcel as											No of opr. holding	
	1	2	3	4	5	.6-10	.11-15	16-20	21-25	>25	All (incl n.r.)	Estd(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	1000	0	0	0	0	0	0	0	0	0	1000	26	1
0.005-0.040	881	112	0	0	0	0	0	0	0	0	1000	11364	183
0.040-0.5	651	280	44	2	10	0	0	0	0	0	1000	24462	336
0.5-1.0	502	327	157	0	9	6	0	0	0	0	1000	3113	53
1.0-2.0	180	469	191	93	7	59	0	0	0	0	1000	1526	338
2.0-3.0	219	381	220	100	28	44	0	0	0	0	1000	204	97
3.0-4.0	119	309	243	225	0	105	0	0	0	0	1000	65	24
4.0-5.0	173	292	307	143	41	45	0	0	0	0	1000	16	10
5.0-7.5	0	0	40	49	142	769	0	0	0	0	1000	9	6
7.5-10.0	0	0	0	0	1000	0	0	0	0	0	1000	1	1
10.0-20.0	0	0	1000	0	0	0	0	0	0	0	1000	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	683	244	47	6	7	3	0	0	0	0	1000	40785	1050
Estd. no of hhs opr. holding (00)	27855	9970	1924	240	279	130	0	0	0	0	40785	XXX	XXX
Sample no. of hhs opr. holding	479	324	133	56	24	24	0	0	0	0	1050	XXX	XXX

TABLE 26(3)

Per 1000 distribution of operational holdings by number of parcel for each size class of household operational holding

Whole agricultural year													
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with no. of parcel as											No of opr. holding	
	1	2	3	4	5	.6-10	.11-15	16-20	21-25	>25	All (incl n.r.)	Estd(00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	0	0	1000	2	2
0.005-0.040	758	108	0	0	0	0	0	0	0	0	1000	11587	184
0.040-0.5	607	269	51	2	10	0	0	0	0	0	1000	24415	336
0.5-1.0	471	336	129	1	0	5	0	0	0	0	1000	3227	51
1.0-2.0	163	458	124	88	8	57	0	0	0	0	1000	1555	339
2.0-3.0	204	358	184	90	26	44	0	0	0	0	1000	218	101
3.0-4.0	119	309	243	208	0	121	0	0	0	0	1000	65	24
4.0-5.0	173	292	307	143	41	45	0	0	0	0	1000	16	10
5.0-7.5	0	0	98	46	0	722	0	133	0	0	1000	9	7
7.5-10.0	0	0	0	0	1000	0	0	0	0	0	1000	1	1
10.0-20.0	0	0	1000	0	0	0	0	0	0	0	1000	1	1
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
All	619	237	46	6	6	3	0	0	0	0	1000	41095	1056
Estd. no of hhs opr. holding (00)	25436	9722	1906	236	255	131	0	1	0	0	41095	XXX	XXX
Sample no. of hhs opr. holding	427	315	127	53	23	26	0	1	0	0	1056	XXX	XXX

TABLE 27(1)

Per 1000 distribution of household operational holdings by type of holding for each size class of household operational holding

Visit 1							
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with type of holding as					No. of hh opr. Holdings	
	Entirely owned	Entirely leased- in	Both owned and leased-in	Entirely otherwise possessed	All (incl. n.r.)	Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0
0.002-0.005	1000	0	0	0	1000	2	2
0.005-0.040	910	90	0	0	1000	11977	193
0.040-0.5	925	38	35	3	1000	24874	345
0.5-1.0	949	33	18	0	1000	2979	51
1.0-2.0	959	4	34	3	1000	1329	335
2.0-3.0	979	0	21	0	1000	208	98
3.0-4.0	806	62	132	0	1000	65	25
4.0-5.0	709	0	291	0	1000	12	9
5.0-7.5	673	0	327	0	1000	6	6
7.5-10.0	1000	0	0	0	1000	1	1
10.0-20.0	0	0	1000	0	1000	1	1
>20.0	0	0	0	0	0	0	0
All	923	51	24	2	1000	41453	1066
Estd. no. of parcel(00)	46341	2371	2148	70	50929	XXX	XXX
Estd. area (ha)	864111	23073	47784	1421	936389	XXX	XXX
Estd. no of hhs opr. holding (00)	38272	2133	982	67	41453	XXX	XXX
Sample no. of hhs opr. holding	983	39	41	3	1066	XXX	XXX

TABLE 27(2)

Per 1000 distribution of household operational holdings by type of holding for each size class of household operational holding

Visit 2							
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with type of holding as					No. of hh opr. Holdings	
	Entirely owned	Entirely leased- in	Both owned and leased-in	Entirely otherwise possessed	All (incl. n.r.)	Estd. (00)	Sample
0.002-0.005	0	1000	0	0	1000	26	1
0.005-0.040	908	92	0	0	1000	11364	183
0.040-0.5	917	45	35	3	1000	24462	336
0.5-1.0	910	31	59	0	1000	3113	53
1.0-2.0	964	6	30	0	1000	1526	338
2.0-3.0	979	0	21	0	1000	204	97
3.0-4.0	856	12	132	0	1000	65	24
4.0-5.0	771	0	229	0	1000	16	10
5.0-7.5	400	375	226	0	1000	9	6
7.5-10.0	1000	0	0	0	1000	1	1
10.0-20.0	0	0	1000	0	1000	1	1
>20.0	0	0	0	0	0	0	0
All	915	56	27	2	1000	40785	1050
Estd. no. of parcel(00)	51760	2601	2412	63	56836	XXX	XXX
Estd. area (ha)	877883	27275	54937	746	960841	XXX	XXX
Estd. no of hhs opr. holding (00)	37330	2281	1112	63	40785	XXX	XXX
Sample no. of hhs opr. holding	963	41	44	2	1050	XXX	XXX

TABLE 27(3)

Per 1000 distribution of household operational holdings by type of holding for each size class of household operational holding

Whole Agricultural Year							
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with type of holding as					No. of hh opr. Holdings	
	Entirely owned	Entirely leased- in	Both owned and leased-in	Entirely otherwise possessed	All (incl. n.r.)	Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0
0.002-0.005	1000	0	0	0	1000	2	2
0.005-0.040	902	80	13	0	1000	11587	184
0.040-0.5	936	39	20	3	1000	24415	336
0.5-1.0	953	30	16	0	1000	3227	51
1.0-2.0	963	4	33	0	1000	1555	339
2.0-3.0	981	0	19	0	1000	218	101
3.0-4.0	856	12	132	0	1000	65	24
4.0-5.0	771	0	229	0	1000	16	10
5.0-7.5	436	0	564	0	1000	9	7
7.5-10.0	1000	0	0	0	1000	1	1
10.0-20.0	0	0	1000	0	1000	1	1
>20.0	0	0	0	0	0	0	0
All	929	48	19	2	1000	41095	1056
Estd. no. of parcel(00)	49752	2360	1584	63	53759	XXX	XXX
Estd. area (ha)	921612	21912	36701	746	982654	XXX	XXX
Estd. no of hhs opr. holding (00)	38172	1982	769	63	41095	XXX	XXX

TABLE 28(1)

Per 1000 distribution of household operational holdings by main use of the holding for each size class of household operational holding

Visit1									
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with main use of holding as						Avg. area per opr. holding (0.00 ha)	No of hhs opr. holding	
	Only crop prod. on jhum land	Only crop prod. on land other than jhum land	Only farming of animal/ fishery	Both crop prod. and farming of animal/ fishery	Other agricultural uses	All (incl. n.r.)		Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	1000	1000	0.003	2	2
0.005-0.040	0	900	18	47	34	1000	0.028	11977	193
0.040-0.5	0	836	0	116	48	1000	0.171	24874	345
0.5-1.0	0	958	0	42	0	1000	0.741	2979	51
1.0-2.0	0	894	0	100	6	1000	1.325	1329	335
2.0-3.0	0	801	0	188	11	1000	2.306	208	98
3.0-4.0	0	768	0	232	0	1000	3.417	65	25
4.0-5.0	0	948	0	52	0	1000	4.615	12	9
5.0-7.5	0	1000	0	0	0	1000	5.727	6	6
7.5-10.0	0	1000	0	0	0	1000	8.762	1	1
10.0-20.0	0	1000	0	0	0	1000	10.561	1	1
>20.0	0	0	0	0	0	0	0	0	0
All	0	865	5	91	39	1000	0.226	41453	1066
Estd. area(ha)	0	820807	468	93447	21667	936389	XXX	XXX	XXX
Estd. no of hhs opr. holding (00)	0	35856	220	3766	1612	41453	XXX	XXX	XXX
Sample no. of hhs opr. holding	0	920	5	113	28	1066	XXX	XXX	XXX

TABLE 28(2)

Per 1000 distribution of household operational holdings by main use of the holding for each size class of household operational holding

Visit 2									
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with main use of holding as						Avg. area per opr. holding (0.00 ha)	No of hhs opr. holding	
	Only crop prod. on jhum land	Only crop prod. on land other than jhum land	Only farming of animal/ fishery	Both crop prod. and farming of animal/ fishery	Other agricultural uses	All (incl. n.r.)		Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0
0.002-0.005	0	1000	0	0	0	1000	0.004	26	1
0.005-0.040	1	885	19	66	28	1000	0.028	11364	183
0.040-0.5	5	804	2	104	82	1000	0.167	24462	336
0.5-1.0	0	933	0	63	3	1000	0.733	3113	53
1.0-2.0	1	771	0	197	31	1000	1.377	1526	338
2.0-3.0	0	825	0	162	14	1000	2.309	204	97
3.0-4.0	0	769	0	231	0	1000	3.403	65	24
4.0-5.0	0	1000	0	0	0	1000	4.576	16	10
5.0-7.5	0	1000	0	0	0	1000	5.41	9	6
7.5-10.0	0	1000	0	0	0	1000	8.762	1	1
10.0-20.0	0	1000	0	0	0	1000	10.561	1	1
>20.0	0	0	0	0	0	0	0	0	0
All	3	836	7	94	59	1000	0.236	40785	1050
Estd. area(ha)	1355	799723	1131	118014	38742	960841	XXX	XXX	XXX
Estd. no of hhs opr. holding (00)	137	34089	271	3839	2399	40785	XXX	XXX	XXX
Sample no. of hhs opr. holding	7	886	7	108	41	1050	XXX	XXX	XXX

TABLE 28(3)

Per 1000 distribution of household operational holdings by main use of the holding for each size class of household operational holding

Whole Agricultural Year									
Size class of operational holding (ha)	Per 1000 distribution of operational holdings with main use of holding as						Avg. area per opr. holding (0.00 ha)	No of hhs opr. holding	
	Only crop prod. on jhum land	Only crop prod. on land other than jhum land	Only farming of animal/ fishery	Both crop prod. and farming of animal/ fishery	Other agricultural uses	All (incl. n.r.)		Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	1000	1000	0.003	2	2
0.005-0.040	0	865	19	70	46	1000	0.028	11587	184
0.040-0.5	1	782	0	126	83	1000	0.169	24415	336
0.5-1.0	0	915	0	84	0	1000	0.73	3227	51
1.0-2.0	0	778	0	209	5	1000	1.39	1555	339
2.0-3.0	0	798	0	190	13	1000	2.324	218	101
3.0-4.0	0	769	0	231	0	1000	3.412	65	24
4.0-5.0	0	959	0	41	0	1000	4.576	16	10
5.0-7.5	0	1000	0	0	0	1000	5.533	9	7
7.5-10.0	0	1000	0	0	0	1000	8.762	1	1
10.0-20.0	0	1000	0	0	0	1000	10.561	1	1
>20.0	0	0	0	0	0	0	0	0	0
All	0	816	5	110	62	1000	0.239	41095	1056
Estd. area(ha)	75	809465	468	135742	32225	982654	XXX	XXX	XXX
Estd. no of hhs opr. holding (00)	17	33517	220	4528	2564	41095	XXX	XXX	XXX
Sample no. of hhs opr. holding	1	860	5	135	43	1056	XXX	XXX	XXX

TABLE 29(1)

Number of operational holdings reporting permanent attached farm workers per 1000 of operational holdings and average number (0.0) of permanent attached farm workers per operational holding reporting permanent attached farm workers by mode of payment for each size class of household operational holding

Visit 1										
Size class of operational holding (ha)	Number per 1000 of operational holdings reporting permanent attached farm workers against				Average number (0.0) of permanent attached farm workers per operational holding reporting such workers against				No of hhs opr. holdings	
	Wages payable in cash/ kind	Share of produce	Both	Any (incl. n.r.)	Wages payable in cash/ kind	Share of produce	Both	Any (incl. n.r.)	Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	2	2
0.005-0.040	59	11	0	70	1	1	0	1	11977	193
0.040-0.5	85	4	0	89	1.3	1	0	1.3	24874	345
0.5-1.0	80	0	0	80	1.7	0	0	1.7	2979	51
1.0-2.0	281	18	0	298	1.7	1	1052.7	1.7	1329	335
2.0-3.0	473	55	8	520	1.8	1	112	1.8	208	98
3.0-4.0	274	0	0	274	1.6	0	0	1.6	65	25
4.0-5.0	540	0	0	540	2.6	0	0	2.6	12	9
5.0-7.5	736	0	0	736	2.8	0	0	2.8	6	6
7.5-10.0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	1	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	86	7	0	92	1.3	1	2149	1.3	41453	1066
Estd. no of hhs opr. holding (00)	3555	281	2	3833	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs opr. holding	229	10	2	237	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 29(2)

Number of operational holdings reporting permanent attached farm workers per 1000 of operational holdings and average number (0.0) of permanent attached farm workers per operational holding reporting permanent attached farm workers by mode of payment for each size class of household operational holding

Visit 2										
size class of operational holding (ha)	number per 1000 of operational holdings reporting permanent attached farm workers against				average number (0.0) of permanent attached farm workers per operational holding reporting such workers against				no of hhs opr. holdings	
	wages payable in cash/ kind	share of produce	both	any (incl. n.r.)	wages payable in cash/ kind	share of produce	both	any (incl. n.r.)	estd. (00)	sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	26	1
0.005-0.040	46	32	0	79	1	1.4	0	1.2	11364	183
0.040-0.5	87	4	0	91	1.2	1	0	1.2	24462	336
0.5-1.0	77	0	0	77	1.7	0	0	1.7	3113	53
1.0-2.0	242	15	0	257	1.8	1	0	1.7	1526	338
2.0-3.0	458	56	0	514	2	1	0	1.9	204	97
3.0-4.0	280	0	0	280	1.6	0	0	1.6	65	24
4.0-5.0	638	0	0	638	2.6	0	0	2.6	16	10
5.0-7.5	818	0	0	818	5.3	0	0	5.3	9	6
7.5-10.0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	1	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	83	13	0	96	1.3	1.3	0	1.3	40785	1050
Estd. no of hhs opr. holding (00)	3388	512	0	3899	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs opr. holding	227	11	0	238	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 29(3)

Number of operational holdings reporting permanent attached farm workers per 1000 of operational holdings and average number (0.0) of permanent attached farm workers per operational holding reporting permanent attached farm workers by mode of payment for each size class of household operational holding

Whole Agricultural Year										
Size class of operational holding (ha)	Number per 1000 of operational holdings reporting permanent attached farm workers against				Average number (0.0) of permanent attached farm workers per operational holding reporting such workers against				No of hhs opr. holdings	
	Wages payable in cash/ kind	Share of produce	Both	Any (incl. n.r.)	Wages payable in cash/ kind	Share of produce	Both	Any (incl. n.r.)	Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	2	2
0.005-0.040	41	31	6	66	1	1	12.6	1.1	11587	184
0.040-0.5	82	5	1	86	1.3	1.2	111.1	1.3	24415	336
0.5-1.0	74	0	0	74	1.7	0	0	1.7	3227	51
1.0-2.0	239	16	2	254	1.9	1.2	257.3	1.9	1555	339
2.0-3.0	397	52	0	450	2	1	0	1.8	218	101
3.0-4.0	280	0	0	280	1.6	0	0	1.6	65	24
4.0-5.0	638	0	0	638	2.6	0	0	2.6	16	10
5.0-7.5	477	0	0	477	2.8	0	0	2.8	9	7
7.5-10.0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	1	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	78	13	2	89	1.4	1.1	52.5	1.3	41095	1056
Estd. no of hhs opr. holding (00)	3200	530	93	3637	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs opr. holding	226	13	3	236	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 30

Per 1000 distribution of household operational holdings of the whole agricultural year by period when agri. operation was carried out and the estimated area operated during different periods for each size class of household operational holding

Whole Agricultural Year										
Size class of operational holding (ha)	Per 1000 distribution of operational holdings of whole agri. year operated during the period				Estimated area (ha) operated during the period				No. of operational holding of the whole agricultural year	
	Only in July'12 to Dec'12	Only in Jan'13 to June'13	Both in July'12 to Dec'12 & Jan'13 to June'13	All (incl. n.r.)	Only in July'12 to Dec'12	Only in Jan'13 to June'13	Both in July'12 to Dec'12 & Jan'13 to June'13	All (incl. n.r.)	Estd (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	1000	0	0	1000	1	0	0	1	2	2
0.005-0.040	20	20	960	1000	512	653	31431	32597	11587	184
0.040-0.5	13	37	951	1000	5748	9591	396488	411827	24415	336
0.5-1.0	0	88	912	1000	0	18774	216910	235684	3227	51
1.0-2.0	3	7	990	1000	655	1620	213942	216217	1555	339
2.0-3.0	6	0	994	1000	335	0	50416	50751	218	101
3.0-4.0	0	25	975	1000	0	521	21574	22095	65	24
4.0-5.0	0	0	1000	1000	0	0	7156	7156	16	10
5.0-7.5	0	0	1000	1000	0	0	5063	5063	9	7
7.5-10.0	0	0	1000	1000	0	0	556	556	1	1
10.0-20.0	0	0	1000	1000	0	0	708	708	1	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	13	35	952	1000	7250	31159	944244	982654	41095	1056
Estd. no of hhs opr. holding of the whole agri. year(00)	551	1423	39120	41095	XXX	XXX	XXX	XXX	XXX	XXX
Sample no. of hhs opr. holding of the whole agri. year	10	31	1015	1056	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 31
Number of households reporting owning of livestock of different types per 1000 households for each size class of household operational holding

Size Class of hh Operational Holding (ha)	Visit1																		All																		No. of opr. Holdings	
	number per 1000 households reporting owning of																					Estd. (00)	Sample															
	Adult Cattle			Young Cattle			Adult Buffalo			Young Buffalo			Horse & pony	Mule	Donkey	Camel	Yak	Mithun	Elephant	Other live Stock																		
Male	Female	Male + female	Male	Female	Male + female	Male	Female	Male + female	Male	Female	Male + female																											
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
0.002-0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2													
0.005-0.040	0	15	15	7	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11977	193														
0.040-0.5	12	80	92	16	96	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	24874	345														
0.5-1.0	0	293	293	185	162	277	0	12	12	12	12	12	0	0	0	0	0	0	0	0	0	0	2979	51														
1.0-2.0	40	295	299	96	137	214	0	8	8	0	12	12	0	0	0	0	0	0	0	0	0	0	1329	335														
2.0-3.0	9	362	362	107	238	330	0	62	62	0	16	16	0	0	0	0	0	0	0	0	2	208	98															
3.0-4.0	44	558	558	204	132	263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	65	25															
4.0-5.0	0	818	818	52	636	636	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	9														
5.0-7.5	0	315	315	0	315	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6														
7.5-10.0	0	1000	1000	1000	1000	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1														
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1														
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
All	9	86	93	29	76	93	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	2	41453	1066														
Estd. no of opr. holdings (00)	358	3561	3867	1194	3167	3860	1	59	59	36	56	56	0	0	0	0	0	0	0	0	95	XXX	XXX															
Sample no of opr. holdings	10	175	181	47	121	150	1	8	9	1	7	7	0	0	0	0	0	0	0	0	3	XXX	XXX															

TABLE 32
Average number of livestock owned per 1000 households by size class of household operational holding

Visit1	All																				No. of opr. holdings		
	Average Number (0.0) of Livestock Owned per 1000 households																						
	Adult Cattle			Young Cattle			Adult buffalo			Young Buffalo			Horse & Pony	Mule	Donkey	Camel	Yak	Mithun	Elephant	Other Live Stock	Estd. (00)	Sample	
Male	Female	Male + Female	Male	Female	Male + Female	Male	Female	Male + Female	Male	Female	Male + Female												
Nil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.000-0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.002-0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
0.005-0.040	0	15	15	7.4	3.8	11.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11977	193	
0.040-0.5	12	123.7	136	15.6	122.9	138.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.3	24874	345
0.5-1.0	0	608.9	609	185	163.3	348.7	0	24	24.2	12	12	24	0	0	0	0	0	0	0	0	2979	51	
1.0-2.0	43	383.2	426	99.9	162.9	262.8	0	14	13.5	0	19.6	19.6	0	0	0	0	0	0	0	0	1329	335	
2.0-3.0	9.3	520.3	530	142	253.8	395.3	0	62	61.7	0	15.8	15.8	0	0	0	0	0	0	0	0	2.4	208	98
3.0-4.0	88	999.5	1087	204	192	395.5	0	0	0	0	0	0	0	0	0	0	0	0	0	102	65	25	
4.0-5.0	0	1763.9	1764	51.6	635.9	687.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	9	
5.0-7.5	0	843.2	843	0	598.7	598.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	
7.5-10.0	0	2000	2000	1000	1000	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
10.0-20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
>20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All	8.8	139.4	148	29.1	93.7	122.8	0	2.5	2.5	1	1.6	2.4	0	0	0	0	0	0	0	0	4.6	41453	1066
Estd no of opr. holdings (00)	358	3561	3867	1194	3167	3860	1	59	59	36	56	56	0	0	0	0	0	0	0	0	95	XXX	XXX
Sample no of opr. holdings	10	175	181	47	121	150	1	8	9	1	7	7	0	0	0	0	0	0	0	0	3	XXX	XXX

TABLE 33

Number of households reporting sheep, goat, pig, rabbit per 1000 households and average number owned per 1000 households by size class of household operational holding

Visit1										
size class of hh operational holding (ha)	No. Per 1000 Of Hhs Reporting Owning Of				Average Number (0.0)Owned Per 1000 Hhs				No Of Opr. Holdings	
	Sheep	Goat	Pig	Rabbit	Sheep	Goat	Pig	Rabbit	Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	0	0	2	2
0.005-0.040	6	13	0	1	5.9	26.2	0	4.4	11977	193
0.040-0.5	10	75	4	9	27.1	196.3	7.3	34.5	24874	345
0.5-1.0	0	189	0	0	0	859.9	0	0	2979	51
1.0-2.0	4	104	5	9	4.3	245.1	26	47.4	1329	335
2.0-3.0	0	103	13	12	0	308.1	12.5	51.3	208	98
3.0-4.0	54	0	106	124	161.1	0	212.7	1168.7	65	25
4.0-5.0	0	109	0	0	0	166.2	0	0	12	9
5.0-7.5	0	0	0	0	0	0	0	0	6	6
7.5-10.0	0	0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	0	0	1	1
>20.0	0	0	0	0	0	0	0	0	0	0
All	8	66	3	6	18.4	196.6	5.6	25.6	41453	1066
Estd. No Of Opr. Holdings (00)	322	2747	107	263	XXX	XXX	XXX	XXX	XXX	XXX
Sample No Of Opr. Holdings	7	66	5	12	XXX	XXX	XXX	XXX	XXX	XXX

TABLE 34

Number of household reporting hen, cock, chicken, duck, other birds per 1000 households and average number owned per 1000 households by size class of household operational holding

Visit 1 Size Class Of Hh Operational Holding (Ha)	All							
	No. Per 1000 Of Hhs Reporting Owning Of			Average Number (0.0)Owned Per 1000 Hhs			No Of Opr. Holdings	
	Hen/Cock/Chicken	Duck	Other Birds	Hen/Cock/Chicken	Duck	Other Birds	Estd. (00)	Sample
0.000-0.002	0	0	0	0	0	0	0	0
0.002-0.005	0	0	0	0	0	0	2	2
0.005-0.040	226	21	0	911.4	123.3	0	11977	193
0.040-0.5	289	34	25	2229.7	264.7	299.1	24874	345
0.5-1.0	480	0	0	3519.8	0	0	2979	51
1.0-2.0	325	23	5	2090.1	99.4	18.5	1329	335
2.0-3.0	339	80	26	2579.5	290.2	73.4	208	98
3.0-4.0	413	0	0	2298.2	0	0	65	25
4.0-5.0	356	0	64	2463.2	0	127.6	12	9
5.0-7.5	94	0	0	1871.8	0	0	6	6
7.5-10.0	0	0	0	0	0	0	1	1
10.0-20.0	0	0	0	0	0	0	1	1
>20.0	0	0	0	0	0	0	0	0
All	286	27	15	1938.7	199.1	180.5	41453	1066
Estd. No Of Opr. Holdings (00)	11847	1134	629	XXX	XXX	XXX	XXX	XXX
Sample No Of Opr. Holdings	320	31	15	XXX	XXX	XXX	XXX	XXX

TABLE 35(1)

Per 1000 distribution of informants by nature of response for each sex, age group, and category of relationship to head of household

Informant Types		Visit 1					All	Sample No. Of Informants
		Per Thousand No. Of Informants						
		Co-Operative & Capable	Co-Operative But Incapable	Busy	Reluctant	Others		
Sex	Male	1000	0	0	0	0	1000	643
	Female	989	10	2	0	0	1000	621
	All (inc n.r)	994	5	1	0	0	1000	1264
Age Group	≤15	1000	0	0	0	0	1000	4
	16-25	1000	0	0	0	0	1000	29
	25-59	994	5	1	0	0	1000	864
	60-69	1000	0	0	0	0	1000	232
	≥70	985	15	0	0	0	1000	135
	All (inc n.r)	994	5	1	0	0	1000	1264
Relation To Head	Self	995	5	0	0	0	1000	784
	Spouse	994	3	3	0	0	1000	353
	Married Child	1000	0	0	0	0	1000	53
	Spouse Of Children	1000	0	0	0	0	1000	29
	Unmarried Child	1000	0	0	0	0	1000	27
	Grand Child	0	0	0	0	0	0	0
	Father/Mother/Father In Law/ Mother In Law	900	100	0	0	0	1000	10
	Brother/Sister/Brother In Law/Sister In Law/Other Relative	1000	0	0	0	0	1000	8
	Servant/Employees/Other Non-Relative Member	0	0	0	0	0	0	0
All (inc n.r)	994	5	1	0	0	1000	1264	
Non-Household Member		857	143	0	0	0	1000	14
All Respondent		993	6	1	0	0	1000	1278

TABLE 35(2)

Per 1000 distribution of informants by nature of response for each sex, age group, and category of relationship to head of household

		Visit 2							
Informant types		Per thousand no. of informants					All	Sample no. of informants	
		Co-operative & capable	Co-operative but incapable	Busy	Reluctant	Others			
Sex	Male	994	6	0	0	0	1000	658	
	Female	988	10	2	0	0	1000	577	
	All (inc n.r)	991	8	1	0	0	1000	1235	
Age group	≤15	1000	0	0	0	0	1000	4	
	16-25	1000	0	0	0	0	1000	31	
	25-59	991	9	0	0	0	1000	856	
	60-69	991	9	0	0	0	1000	214	
	≥70	992	0	8	0	0	1000	130	
	All (inc n.r)	991	8	1	0	0	1000	1235	
Relation to head	Self	990	9	1	0	0	1000	781	
	Spouse	991	9	0	0	0	1000	330	
	Married Child	1000	0	0	0	0	1000	60	
	Spouse Of Children	1000	0	0	0	0	1000	29	
	Unmarried Child	1000	0	0	0	0	1000	27	
	Grand Child	0	0	0	0	0	0	0	
	Father/Mother/Father In Law/ Mother In Law	1000	0	0	0	0	1000	3	
	Brother/Sister/Brother In Law/Sister In Law/Other Relative	1000	0	0	0	0	1000	5	
	Servant/Employees/Other Non-Relative Member	0	0	0	0	0	0	0	
	All (inc n.r)	991	8	1	0	0	1000	1235	
Non-Household Member		1000	0	0	0	0	1000	3	
All Respondent		991	8	1	0	0	1000	1270	

TABLE 36(1)

Per 1000 distribution of sample households by time taken (in minutes) to canvass Schedule 18.1 for each state/U.t

SECTOR:RURAL														Visit 1	
Kerala	<30	30-60	60-90	90-120	120-150	150-180	180-210	210-240	>=240	n.r.	All	Avg.time	est hhd (00)	sample hh	
Est Households (00)	3	329	247	277	138	5	0	0	0	2	1000	73.34	52317	1278	
Sample Households	69	18845	11284	14344	7451	225	0	0	0	99	52317	XXX	XXX	XXX	
All	4	420	316	354	176	6	0	0	0	2	1278	XXX	XXX	XXXX	

TABLE 36(2)

Per 1000 Distribution Of Sample Households By Time Taken (In Minutes) To Canvass Schedule 18.1

SECTOR:RURAL		Visit 2												
	<30	30-60	60-90	90-120	120-150	150-180	180-210	210-240	>=240	n.r.	all	Avg. time	Est hhd (00)	Sample hh
Kerala	5	331	273	206	172	8	2	0	0	4	1000	73.19	52459	1270
Est Households (00)	343	18368	14583	10065	8599	361	20	0	0	120	52459	XXX	XXX	XXX
Sample Households	6	420	347	261	219	10	2	0	0	5	1270	XXX	XXX	XXXX

Appendix B

Concepts and Definitions

Concepts and Definitions

For ensuring uniform concepts while collecting data on Land and Livestock holdings, certain concepts and definitions were formulated, which are explained below.

Household Operational Holding: Household operational holding constituted of all land that was used wholly or partly for agricultural production and was operated (directed/managed) by one household member alone or with assistance of others, without regard to title, size or location. Within a household, multiple operational holdings were not distinguished. The land might be operated by members belonging to a single household or by members belonging to more than one household operating jointly. However, holdings operated as cooperative farms were not considered as operational holding in this survey. The holding might consist of one or more parcels of land, provided that they were located within the country. A household growing vegetable in the kitchen garden or flowers in the courtyard, or raising livestock & poultry or carrying out pisciculture was considered to operate a holding, even if no crop production was undertaken by it during the reference period. However, in all cases an operational holding would relate to some amount of land possessed by the household. Thus, if a household carried out any agricultural production during the reference period, plots possessed by the household during the major part of the reference period and put to uses other than agricultural production, such as house-sites, paths, buildings, etc., was also included in the operated area of the household operational holding. Only when a household does not undertake any agricultural production on any part of the land possessed by it during the reference period, it will not be considered to have any operational holding.

Plot: A plot was a distinct patch of land demarcated generally by a strip of raised land, commonly known as 'ails' or 'bunds'.

House site (Homestead land): Homestead of a household was defined as the dwelling house of the household together with the courtyard, compound, garden, out-house, place of worship, family graveyard, guest house, shop, workshop and offices for running household enterprises, tanks, wells, latrines, drains and boundary walls *annexed* to the dwelling house. All land coming under homestead was defined as house site (homestead land). It might constitute only a part of a plot and as such, gardens, orchards or plantations, etc. adjacent to the homestead and lying within the boundary walls were not considered as homestead land.

Ownership of land: A plot of land was considered to be owned by the household if permanent heritable possession, with or without the right to transfer the title, was vested in a member or members of the household. Land held in owner-like possession under long term lease or assignment was also considered as land owned. A plot of land might be leased out to others by the owner without losing the right of permanent heritable possession. Plots possessed by a tribal

person in accordance with traditional tribal rights from local chieftains or village/district council, were considered owned by the tribal person.

Land possessed: Land possessed was given by land owned (including land under 'owner like possession') + land leased in - land leased out + land held by the household but neither owned nor leased in (e.g., encroached land).

Lease of land: Land given to others on rent or free by owner of the land without surrendering the right of permanent heritable title was defined as land leased-out. It was defined as land leased-in if it was taken by a household on rent or free without any right of permanent or heritable possession. The lease contract might be written or oral. Orchards and plantations given to others for harvesting the produce, for which the owner receives a payment in cash or kind, were not treated as 'lease' for the purpose of this survey.

Otherwise possessed land: This means all public/institutional land possessed by the household without title of ownership or occupancy right. The possession was without the consent of the owner. Private land (i.e. land owned by the household sector) possessed by the household without title of ownership and occupancy right was not included in this category. All private land encroached upon by the household was treated as leased-in land.

Individual and joint operational holding: If the household operational holding was managed by one or more members of a single household it was taken as individual holding. It was treated as a joint operational holding only when it was managed by members of more than one household.

Parcels: A parcel of a household operational holding was a piece of land surrounded entirely by land not forming part of the household operational holding. It might consist of more than one plot.

Orchards: A piece of land put to production of horticulture crops, viz., fruits, nuts, dates, grapes, etc. (other than those treated as plantation crops), was regarded as an orchard, if it has at least 0.10 hectare in size or was having at least 12 trees planted on it. In case of trees where distance between the trees was quite large, the orchard was defined according to the minimum number of 12 trees planted in it. When distance was less than six meters as in the case of bananas, papayas, grapevines etc., the orchard was defined on the basis of the minimum area of $1/10^{\text{th}}$ of a hectare.

Plantations: Area devoted to production of plantation crops, viz., tea, coffee, cashew nut, areca nut, oil palm, clove and nutmeg, was treated as area under plantation. The size restriction given for orchards was also applicable for plantations for the purpose of the survey.

Irrigation: Irrigation was considered as a device of purposively providing land with water, other than rain water, by artificial means for crop production.

Permanent attached farm workers: A person who was employed by the management of an operational holding was considered to be a permanent attached farm worker of the operational holding for an agricultural season if (i) the person was employed more or less continuously during the season in the holding and (ii) the employment was under some sort of a contract that was binding on the person to serve the holding during the period of various agricultural operations (from preparation of soil to storing of grains) in respect of the crops of the seasons. A permanent attached farm worker did not refer to the same person working continuously, but to a position.

Livestock: Livestock were those animals which were used for food, fibre, labour, etc. Animals kept as pets, snakes, reptiles, frogs, fishes were excluded from the coverage of livestock.

Appendix C

Sample Design & Estimation Procedure

Note on Sample Design and Estimation Procedure

1. Introduction

1.1 The National Sample Survey (NSS), set up by the Government of India in 1950 to collect socio-economic data employing scientific sampling methods, started its seventieth round from 1st January 2013. The survey continued till 31st December 2013.

1.2 **Subject Coverage:** The 70th round (January 2013 - December 2013) of NSS was earmarked for surveys on land and livestock holdings, debt and investment and situation assessment survey of agricultural households. The last survey on these subjects was conducted in 59th round of NSS (January 2003 - December 2003).

2. Outline of Survey Programme

2.1 **Geographical coverage:** This survey covered the whole of the Indian Union.

2.2 **Visits 1 & 2:** Each sample FSU was visited twice during this round. Since the workload of the first visit (i.e. visit 1) was more, the first visit continued till the end of July 2013. Thus, period of the first visit was January – July 2013 and that of the second visit (i.e. visit 2) was August – December 2013.

The listing schedule (sch 0.0) was canvassed only in the first visit. Schedules 18.1, 18.2 and 33 were canvassed in independent sets of sample households. Each sample household was visited twice. Visit 1 and visit 2 schedules were canvassed in the same set of sample households during first and second visit respectively. Contents of the schedules for the two visits were not same since the information relate to two different seasons.

2.3 **Sub-rounds:** The survey period of the round were divided into two sub-rounds. Sub-round one consisted of the first half of the survey period of each visit i.e. 1st Jan -15th April 2013 for visit 1 and 1st August – 15th October 2013 for visit 2 while sub-round two consisted of the remaining period of the respective visits. Thus, each sub-round was of three and a half months duration for visit 1 and two and a half months for visit 2.

In each of these two sub-rounds equal number of sample villages/ blocks (FSUs) were allotted for survey with a view to ensuring uniform spread of sample FSUs over the entire survey period. Attempt was made to survey each of the FSUs during the sub-round to which it was allotted. Because of the arduous field conditions, this restriction was not strictly enforced in Andaman and Nicobar Islands, Lakshadweep and rural areas of Arunachal Pradesh and Nagaland.

The villages/blocks visited in the first sub-round of first visit were revisited during the first sub-round of the second visit. Similarly, villages/blocks of sub-round 2 of visit 1 were revisited in sub-round 2 of visit 2.

2.4 Schedules of enquiry: During this round, the following schedules of enquiry were canvassed:

- Schedule 0.0 : list of households
- Schedule 18.1 : land and livestock holdings (rural only)
- Schedule 18.2 : debt and investment
- Schedule 33 : situation assessment survey of agricultural households (rural only)

3. Sample Design

3.1 Outline of sample design: A stratified multi-stage design was adopted for the 70th round survey. The first stage units (FSU) were the census villages (Panchayat wards in case of Kerala) in the rural sector and Urban Frame Survey (UFS) blocks in the urban sector. The ultimate stage units (USU) were households in both the sectors. In case of large FSUs, one intermediate stage of sampling was the selection of two hamlet-groups (hgs)/ sub-blocks (sbs) from each rural/ urban FSU.

3.2 Sampling Frame for First Stage Units: *For the rural sector*, the list of 2001 census villages updated by excluding the villages urbanised and including the towns de-urbanised after 2001 census (henceforth the term ‘village’ would mean Panchayat wards for Kerala) constituted the sampling frame. *For the urban sector*, the latest updated list of UFS blocks (2007-12) was considered as the sampling frame.

3.3 Stratification:

(a) Stratum had been formed at district level. Within each district of a State/ UT, generally speaking, two basic strata were formed: i) rural stratum comprising of all rural areas of the district and (ii) urban stratum comprising all the urban areas of the district. However, within the urban areas of a district, if there were one or more towns with population 10 lakhs or more as per population census 2011 in a district, each of them formed a separate basic stratum and the remaining urban areas of the district was considered as another basic stratum.

(b) However, a special stratum in the rural sector only was formed at State/UT level before district- strata were formed in case of each of the following 20 States/UTs: Andaman & Nicobar Islands, Andhra Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Goa, Gujarat, Haryana, Jharkhand, Karnataka, Lakshadweep, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal. This stratum comprised all the villages of the State with population less than 50 as per census 2001.

(c) In case of rural sectors of Nagaland one special stratum was formed within the State consisting of all the interior and inaccessible villages. Similarly, for Andaman & Nicobar Islands, one more special stratum had been formed within the UT consisting of all inaccessible villages. Thus for Andaman & Nicobar Islands, two special strata had been formed at the UT level:

- (i) special stratum 1 comprising all the interior and inaccessible villages
- (ii) special stratum 2 containing all the villages, other than those in special stratum 1, having population less than 50 as per census 2001.

3.4 Sub-stratification:

Rural sector: Different sub-stratifications were done for ‘hilly’ States and other States. Ten (10) States were considered as hilly States. They were: Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Sikkim, Meghalaya, Tripura, Mizoram, Manipur, Nagaland and Arunachal Pradesh.

(a) sub-stratification for hilly States: If ‘r’ be the sample size allocated for a rural stratum, the number of sub-strata formed was ‘r/2’. The villages within a district as per frame were first arranged in ascending order of population. Then sub-strata 1 to ‘r/2’ was demarcated in such a way that each sub-stratum comprised a group of villages of the arranged frame and had more or less equal population.

(b) sub-stratification for other States (non-hilly States except Kerala): The villages within a district as per frame were first arranged in ascending order of *proportion of irrigated area in the cultivated area of the village*. Then sub-strata 1 to ‘r/2’ was demarcated in such a way that each sub-stratum comprised a group of villages of the arranged frame and had more or less equal *cultivated area*. The information on irrigated area and cultivated area was obtained from the village directory of census 2001.

(c) sub-stratification for Kerala: Although Kerala is a non-hilly State but because of non-availability of information on irrigation at FSU (Panchayat Ward) level, sub-stratification by proportion of irrigated area was not possible. Hence the procedure for sub-stratification was same as that of hilly States in case of Kerala.

Urban sector: There was no sub-stratification for the strata of million plus cities. For other strata, each district was divided into 2 sub-strata as follows:

- sub-stratum 1: all towns of the district with population less than 50000 as per census 2011
- sub-stratum 2: remaining non-million plus towns of the district

3.5 Total sample size (FSUs): 8042 FSUs were allocated for the central sample at all-India level.

3.6 Allocation of total sample to States and UTs: The total number of sample FSUs were allocated to the States and UTs in proportion to population as per census 2011 subject to a minimum sample allocation to each State/ UT. While doing so, the resource availability in terms of number of field

investigators as well as comparability with previous round of survey on the same subjects was also kept in view.

3.7 Allocation of State/ UT level sample to rural and urban sectors: State/ UT level sample size was allocated between two sectors in proportion to population as per *census 2011* with double weightage to urban sector subject to the restriction that urban sample size for bigger states like Maharashtra, Tamil Nadu etc. did not exceed the rural sample size. A minimum of 16 FSUs (minimum 8 each for rural and urban sector separately) was allocated to each state/ UT.

3.8 Allocation to strata: Within each sector of a State/ UT, the respective sample size was allocated to the different strata in proportion to the population as per census 2011. Allocations at stratum level were adjusted to multiples of 2 with a minimum sample size of 2.

For special stratum formed in the rural areas of 20 States/UTs, as discussed in para 3.3 (b), 2 FSUs were allocated to each.

For special stratum 1 in the rural areas of Nagaland and Andaman & Nicobar Islands, 4 and 2 FSUs were allocated respectively.

3.9 Allocation to sub-strata:

3.9.1 Rural: Allocation was 2 for each sub-stratum.

3.9.2 Urban: Stratum allocations were distributed among the two sub-strata in proportion to the number of FSUs in the sub-strata. Minimum allocation for each sub-stratum was 2.

3.10 Selection of FSUs:

For the rural sector, from each stratum x sub-stratum, required number of sample villages were selected by Simple Random Sampling Without Replacement (SRSWOR) procedure.

For the urban sector, FSUs were selected by using Simple Random Sampling Without Replacement (SRSWOR) from each stratum x sub-stratum.

Both rural and urban samples were drawn in the form of two independent sub-samples and equal number of samples were allocated among the two sub rounds.

3.11 Formation and selection of hamlet-groups/ sub-blocks: In case hamlet-groups/ sub-blocks were formed in the sample FSU, the same was done by more or less equalizing population. While doing so, it was ensured that the hamlet-groups/ sub-blocks formed were clearly identifiable in terms of physical landmarks.

Two hamlet-groups (hg)/ sub-blocks (sb) were selected from a large FSU wherever hamlet-groups/ sub-blocks were formed in the following manner – one hg/ sb with maximum percentage share of

population was always selected and termed as hg/ sb 1; one more hg/ sb was selected from the remaining hg's/ sb's by simple random sampling (SRS) and termed as hg/ sb 2. Listing and selection of the households was done independently in the two selected hamlet-groups/ sub-blocks.

3.12 Formation of second stage strata and allocation of households for Schedule 18.1: Land & Livestock Holdings Survey (LHS) (rural only):

3.12.1 Four SSS were formed for schedule 18.1 based on four land possessed codes. SSS number was same as the land possessed code.

Each household was given a land possessed code according to the following criteria:

land possessed code	criteria: area of the land possessed by the household as on the date of survey
1	less than 0.005 hectare
2	equal to or more than 0.005 hectare but less than 1.000 hectare
3	equal to or more than 1.000 hectare but less than 2.000 hectares
4	equal to or more than 2.000 hectares

3.12.2 **Allocation and selection of sample households:** The total number of households surveyed in an FSU as below.

Two households were selected from each SSS for schedule 18.1. In case of hamlet group formation, one household was selected from each hg × SSS for schedule 18.1. The number of SSS, allocations and sampling scheme is shown below:

schedule type	number of SSS	number of sample households surveyed (rural)	sampling scheme within each SSS
18.1	4	8 (2 households from each SSS)	SRSWOR

3.12.3 **Selection of households:** From each SSS the sample households for each of the schedules were selected by SRSWOR.

4. Estimation Procedure

4.1 Notations:

s = subscript for s-th stratum

t = subscript for t-th sub-stratum

m = subscript for sub-sample (m = 1, 2)

i = subscript for i-th FSU [village (panchayat ward)]

d = subscript for a hamlet-group (d = 1, 2)

j = subscript for j-th second stage stratum in an FSU/ hg

k = subscript for k-th sample household under a particular second stage stratum within an FSU/ hg

D = total number of hg's formed in the sample FSU

D* = (D - 1) for FSUs with D > 1

N = total number of FSUs in any rural sub-stratum

n = number of sample FSUs surveyed including 'uninhabited' and 'zero cases' but excluding casualty for a particular sub-sample and sub-stratum.

H = total number of households listed in a second-stage stratum of an FSU / hamlet-group of sample FSU

h = number of households surveyed in a second-stage stratum of an FSU / hamlet-group of sample FSU

x, y = observed value of characteristics x, y under estimation

\hat{X} , \hat{Y} = estimate of population total X, Y for the characteristics x, y

Under the above symbols,

$y_{stmidjk}$ = observed value of the characteristic y for the k-th household in the j-th second stage stratum of the d-th hg (d = 1, 2) of the i-th FSU belonging to the m-th sub-sample for the t-th sub-stratum of s-th stratum.

However, for ease of understanding, a few symbols are suppressed in following paragraphs where they are obvious.

4.2 Formulae for Estimation of Aggregates for a particular sub-sample and stratum × sub-stratum:

4.2.1 Schedules 18.1:

4.2.1.1 Rural:

(i) For j-th second stage stratum:

$$\hat{Y}_j = \frac{N}{n_j} \sum_{i=1}^{n_j} \left[\frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + D_i^* \times \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right]$$

(ii) For all second-stage strata combined:

$$\hat{Y} = \sum_j \hat{Y}_j$$

Note: i) Schedules 18.1 were canvassed in rural sector only

ii) Values of j for Sch 18.1 are as follows:

j = 1, 2, 3 or 4;

4.2.1.2 *Estimates in respect of joint operational holdings:* In the case of joint operational holdings operated by the sample household jointly with other household(s), the value of a characteristic of the operational holding is first multiplied by the percentage share of land of the sample household(s) and then the higher estimates are built up.

4.3 Overall Estimate for Aggregates for a sub-stratum:

Overall estimate for aggregates for a sub-stratum (\hat{Y}_{st}) based on two sub-samples is obtained as:

$$\hat{Y}_{st} = \frac{1}{2} \sum_{m=1}^2 \hat{Y}_{stm}$$

4.4 Overall Estimate for Aggregates for a stratum:

Overall estimate for a stratum (\hat{Y}_s) is obtained as

$$\hat{Y}_s = \sum_t \hat{Y}_{st}$$

4.5 Overall Estimate of Aggregates at State/UT/all-India level:

The overall estimate \hat{Y} at the State/ UT/ all-India level is obtained by summing the stratum estimates \hat{Y}_s over all strata belonging to the State/ UT/ all-India.

4.6 Estimates of Ratios:

Let \hat{Y} and \hat{X} be the overall estimates of the aggregates Y and X for two characteristics y and x respectively at the State/ UT/ all-India level.

Then the combined ratio estimate (\hat{R}) of the ratio ($R = \frac{Y}{X}$) is obtained as $\hat{R} = \frac{\hat{Y}}{\hat{X}}$.

4.7 Estimates of Error: The estimated variances of the above estimates are as follows:

4.7.1 For aggregate \hat{Y} : $V\hat{a}r(\hat{Y}) = \sum_s V\hat{a}r(\hat{Y}_s) = \sum_s \sum_t V\hat{a}r(\hat{Y}_{st})$ where $V\hat{a}r(\hat{Y}_{st})$ is given by

$$V\hat{a}r(\hat{Y}_{st}) = \frac{1}{4} (\hat{Y}_{st1} - \hat{Y}_{st2})^2, \text{ where } \hat{Y}_{st1} \text{ and } \hat{Y}_{st2} \text{ are the estimates for sub-sample 1 and}$$

sub-sample 2 respectively for stratum 's' and sub-stratum 't'.

4.7.2 For ratio \hat{R} :

$$M\hat{S}E(\hat{R}) = \sum_s \sum_t M\hat{S}E_{st}(\hat{R}) \quad \text{where } M\hat{S}E_{st}(\hat{R}) \text{ is given by}$$

$$M\hat{S}E_{st}(\hat{R}) = \frac{1}{4\hat{X}^2} \left[(\hat{Y}_{st1} - \hat{Y}_{st2})^2 + \hat{R}^2 (\hat{X}_{st1} - \hat{X}_{st2})^2 - 2\hat{R}(\hat{Y}_{st1} - \hat{Y}_{st2})(\hat{X}_{st1} - \hat{X}_{st2}) \right]$$

4.7.3 Estimates of Relative Standard Error (RSE):

$$R\hat{S}E(\hat{Y}) = \frac{\sqrt{V\hat{a}r(\hat{Y})}}{\hat{Y}} \times 100$$

$$R\hat{S}E(\hat{R}) = \frac{\sqrt{M\hat{S}E(\hat{R})}}{\hat{R}} \times 100$$

5. Multipliers:

5(a) Two sets of multipliers are obtained:

- (i) For visit 1 only
- (ii) For visit 2 only

Hence, household multiplier is equal to:

- (i) visit 1 multiplier for all estimation based only on the visit 1 households
- (ii) visit 2 multiplier for all estimation based only on the visit 2 households
- (iii) visit 2 multiplier for generating combined estimates based on the common set of households of visit 1 and visit 2.

5(b) The formulae for multipliers at stratum/sub-stratum/second-stage stratum for a sub-sample and schedule type are given below:

sch type	sector	formula for multipliers	
		hg 1	hg 2
18.1	rural	$\frac{N_{st}}{n_{stmj}} \times \frac{H_{stmi1j}}{h_{stmi1j}}$	$\frac{N_{st}}{n_{stmj}} \times D_{stmi}^* \times \frac{H_{stmi2j}}{h_{stmi2j}}$
	(j = 1, 2, 3, 4)		

Note: (i) For estimating any characteristic for any domain not specifically considered in sample design, indicator variable is used.

(ii) Multipliers are computed on the basis of information available in the listing schedule irrespective of any misclassification observed between the listing schedule and detailed enquiry schedule.

(iii) For estimating number of villages possessing a characteristic, $D_{stmi}^* = 0$ in the relevant multipliers and there is only one multiplier for the village.

Appendix D

Sch 18.1

Land and Livestock Holdings

RURAL

GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY OFFICE
SOCIO-ECONOMIC SURVEY
SEVENTIETH ROUND : JANUARY TO DECEMBER 2013
HOUSEHOLD SCHEDULE 18.1 : LAND AND LIVESTOCK HOLDINGS

CENTRAL

STATE

*

VISIT 1

[0] descriptive identification of sample household	
1. state/u.t.:	5. hamlet name:
2. district:	6. name of head of household:
3. tehsil:	7. name of informant:
4. village name:	

[1] identification of sample household									
item no.	item	code			item no.	item	code		
1.	srl. no. of sample village				12.	FOD sub-region			
2.	round number	7		0	13.	sample hamlet-group number			
3.	schedule number	1	8	1	14.	second stage stratum number			
4.	sample (<i>central-1, state-2</i>)				15.	sample household number			
5.	sector (<i>rural-1</i>)		1		16.	visit number			1
6.	NSS region				17.	serial number of informant # (as in column 1 of block 4)			
7.	district				18.	response code			
8.	stratum				19.	survey code			
9.	sub - stratum				20.	reason for substitution of original household			
10.	sub-round								
11.	sub-sample								

CODES FOR BLOCK 1

item 18: **response code** : informant: co-operative and capable -1, co-operative but not capable -2, busy -3, reluctant - 4, others - 9.

item 19: **survey code** : original – 1, substitute – 2, casualty – 3.

item 20: **reason for substitution of original household** : informant busy -1, members away from home -2, informant non-cooperative -3, others - 9

* tick mark (✓) may be put in the appropriate place.

if the informant is not a household member, code 99 will be recorded.

[3] household characteristics				
1.	household size		5.	whether operated any land for agricultural activities during last 365 days (yes – 1, no – 2)
2.	household classification (code)		6.	if 1 in item 5, whether the household operated any land on <i>Jhum</i> cultivation during last 365 days (yes – 1, no – 2)
3.	religion (code)			
4.	social group (code)		7.	whether any member of the household stayed away from the village continuously for 15 days or more for employment during last 6 months (yes - 1, no – 2).

CODES FOR BLOCK 3

item 2: **household classification (to be determined based on the source of major income of the household):**

self-employment in: cultivation-1, livestock farming-2, other agricultural activities-3, non-agricultural enterprise -4; wage/salaried employment -5, others (pensioners, remittance recipients, etc.) -9.

item 3: **religion:** Hinduism -1, Islam -2, Christianity -3, Sikhism -4, Jainism -5, Buddhism -6, Zoroastrianism -7, others -9.

item 4: **social group:** scheduled tribe -1, scheduled caste -2, other backward class -3, others -9.

CODES FOR BLOCK 4

col. (3): **relation to head:**

self -1, spouse of head -2, married child -3, spouse of married child -4, unmarried child -5, grandchild -6, father/ mother/ father-in-law/ mother-in-law -7, brother/ sister/ brother-in-law/ sister-in-law/ other relatives -8, servants/ employees/ other non-relatives -9.

col. (6): **general educational level:**

not literate -01, literate without formal schooling: EGS/ NFEC/ AEC -02, TLC -03, others -04; literate: below primary -05, primary -06, middle -07, secondary -08, higher secondary -10, diploma/certificate course -11, graduate -12, postgraduate and above -13.

col. (7): **whether associated with the household operational holding:**

main operator of the household operational holding -1, other member associated with the household operational holding-2, not associated with household operational holding-3.

CODES FOR BLOCK 5

<p>col.(3) : location :</p> <p>within village.....1</p> <p>outside village but within the district2</p> <p>outside the district but within the state.....3</p> <p>outside the state but within the country.....4</p>	<p>col.(11): use of the leased-out land by the lessee household:</p> <p>used for cultivation..... 1</p> <p>other uses..... 9</p> <p>not known..... 2</p>
<p>col.(4): kind of possession for the major part of the period July 2012 to December 2012:</p> <p>owned and possessed 1</p> <p>leased-in 2</p> <p>otherwise possessed 3</p> <p>leased-out 4</p>	<p>col.(12): whether flooded during July 2012 to December 2012?:</p> <p>flooded and agricultural activities could not be carried out..... 1</p> <p>flooded but agricultural activities were carried out..... 2</p> <p>flooded but the plot was not for agricultural activities..... 3</p> <p>not flooded 4</p>
<p>col.(7): type of possession:</p> <p>leased in:</p> <p>recorded lease..... 1</p> <p>not recorded lease..... 2</p> <p>other..... 9</p>	<p>col.(13): land use:</p> <p>only crop production:</p> <p>on jhum land..... 1</p> <p>on land other than jhum land..... 2</p> <p>only farming of animal/fishery..... 3</p> <p>both crop production and farming of animal /fishery..... 4</p> <p>other agricultural uses..... 5</p> <p>other uses (non-agricultural uses)..... 9</p>
<p>col. (8) : duration of possession:</p> <p>less than one agricultural season 1</p> <p>at least one agricultural season but less than one agricultural year ... 2</p> <p>at least one agricultural year but less than two agricultural years 3</p> <p>two agricultural years or more..... 4</p>	<p>col.(14): type of crop production/ livestock farming:</p> <p>cereals..... 01 orchards 07</p> <p>pulses 02 plantation..... 08</p> <p>oilseeds 03 dairy..... 10</p> <p>vegetables..... 04 poultry/duckery... 11</p> <p>fodder..... 05 piggery 12</p> <p>other crop..... 06 fishery 13</p> <p>farming of other animals.. 19</p>
<p>col.(10): terms of lease:</p> <p>for fixed money 1</p> <p>for fixed produce 2</p> <p>for share of produce 3</p> <p>for service contract 4</p> <p>for share of produce together with other terms 5</p> <p>under usufructuary mortgage 6</p> <p>from relatives under no specified terms 7</p> <p>under other terms 9</p>	<p>col.(17):source of irrigation:</p> <p>canal..... 1</p> <p>minor surface works (pond, tank, etc)..... 2</p> <p>ground water (tube well, well etc.)..... 3</p> <p>combination of codes 1, 2, 3..... 4</p> <p>others..... 9</p>

[5] particulars of land of the household* and its operation during July 2012 to December 2012

id p col. 1	id p col. 2	id p col. 3	id p col. 4	id p col. 5	id p col. 6	id p col. 7	id p col. 8	id p col. 9	id p col. 10	id p col. 11	id p col. 12	id p col. 13	if 2 or 4 in col. (4)			
													id p col. 14	id p col. 15		

*: List only those plots which were 'owned and possessed' or 'leased in' or 'otherwise possessed' or 'leased out' during the major part of July 2012 to December 2012.
#: This shaded dummy column (column 5) is not meant for recording any information. This column has been added in visit 1 to ensure that column numbers of different items of information are same between visit 1 and visit 2 Schedules.

[5] particulars of land of the household* and its operation during July 2012 to December 2012

Sl. No.	Particulars of land of the household* and its operation during July 2012 to December 2012	Area in hectares	Whether the land is owned and possessed or 'leased in' or 'otherwise possessed' or 'leased out' during the major part of July 2012 to December 2012.	Whether the land is used for agricultural purposes or for other purposes	Whether the land is used for residential purposes or for other purposes	Whether the land is used for commercial purposes or for other purposes	Whether the land is used for industrial purposes or for other purposes	Whether the land is used for other purposes	if 2 or 4 in col. (4)	
									Yes	No
97	homestead land									
98										
99	grand total									

*: List only those plots which were 'owned and possessed' or 'leased in' or 'otherwise possessed' or 'leased out' during the major part of July 2012 to December 2012.

#: This shaded dummy column (column 5) is not meant for recording any information. This column has been added in visit 1 to ensure that column numbers of different items of information are same between visit 1 and visit 2 Schedules.

[6] some general information of household operational holding for July 2012 to December 2012 (only for households where against at least one plot of block 5, entry in column 13 is any of 1, 2, 3, 4 or 5)		
srl. no.	item	code/entry
(1)	(2)	(3)
1.	area of the household operational holding (0.000 ha)	
2.	whether operated individually/jointly? (<i>individually -1, jointly-2</i>)	
3.	if code 2 in item 2	number of partner households
4.		percentage share of land of the household (in whole number)
5.	type of holding (<i>code</i>)	
6.	main use of the holding (<i>code</i>)	
7.	no. of parcels in the holding	
8.	no. of permanent attached farm workers during July 2012 to December 2012	against wages payable in cash/kind
9.		against share of produce

CODES FOR BLOCK 6

item 5: **type of holding:** *entirely owned -1, entirely leased-in -2, both owned and leased-in -3, entirely otherwise possessed -4.*

item 6: **main use of the holding:** *same as that in column 13 of block 5 (only codes 1 to 5 are applicable).*

[7] livestock, poultry, duckery, etc., owned by the household as on the date of survey		
srl. no.	livestock, poultry, duckery, etc.,	number owned
(1)	(2)	(3)
A. Livestock		
1.	adult cattle (age more than 2 years)	male
2.		female
3.	young cattle (age 2 years or less)	male
4.		female
5.	adult buffalo (age more than 2 years)	male
6.		female
7.	young buffalo (age 2 years or less)	male
8.		female
9.	horse and pony	
10.	mule	
11.	donkey	
12.	camel	
13.	yak	
14.	mithun	
15.	elephant	
16.	sheep	
17.	goat	
18.	pig	
19.	rabbit	
20.	other livestock	
B. poultry birds		
21.	hen, cock, chicken	
22.	duck	
23.	other birds	

[2] particulars of field operations										
srl. no.	item	field investigator (FI) /assistant superintending officer (ASO)			field officer (FO)/ superintending officer (SO)					
(1)	(2)	(3)			(4)					
1 (a)	i) name (block letters)									
	ii) code									
	iii) signature									
1 (b)	i) name (block letters)									
	ii) code									
	iii) signature									
2.	date(s) of :	DD	MM	YY	DD	MM	YY			
	(i) survey/ inspection									
	(ii) receipt									
	(iii) scrutiny									
	(iv) despatch									
3.	number of additional sheets attached									
4.	total time taken to canvass the schedule by the team of investigators (FI/ASO) (in minutes)									
5.	number of investigators (FI/ASO) in the team who canvassed the Schedule									
6.	whether any remarks have been entered by FI/ ASO/ supervisory officer (yes -1, no-2)	(i) in block 9/ 10								
		(ii) elsewhere in the schedule								

[9] remarks by investigators (FI/ASO)

[10] comments by supervisory officer(s)

RURAL

GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY OFFICE
SOCIO-ECONOMIC SURVEY
SEVENTIETH ROUND : JANUARY TO DECEMBER 2013
HOUSEHOLD SCHEDULE 18.1 : LAND AND LIVESTOCK HOLDINGS

CENTRAL		*
STATE		

VISIT 2

[0] descriptive identification of sample household	
1. state/u.t.:	5. hamlet name:
2. district:	6. name of head of household:
3. tehsil:	7. name of informant:
4. village name:	

[1] identification of sample household							
item no.	item	code			item no.	item	code
1.	srl. no. of sample village				12.	FOD sub-region	
2.	round number	7		0	13.	sample hamlet-group number	
3.	schedule number	1	8	1	14.	second stage stratum number	
4.	sample (<i>central-1, state-2</i>)				15.	sample household number	
5.	sector (<i>rural-1</i>)		1		16.	visit number	2
6.	NSS region				17.	serial number of informant # (as in column 1 of block 4 of visit 1 schedule)	
7.	district				18.	response code	
8.	stratum				19.	survey code	
9.	sub - stratum				20.	reason for casualty of the household	
10.	sub-round						
11.	sub-sample						

CODES FOR BLOCK 1

item 18: **response code** : informant: *co-operative and capable -1, co-operative but not capable -2, busy -3, reluctant - 4, others - 9.*

item 19: **survey code** : surveyed – 1, casualty – 3.

item 20: **reason for casualty of the household**: informant busy -1, members away from home -2, informant non-cooperative -3, others - 9

* tick mark (✓) may be put in the appropriate place.

if the informant is not a household member, code 99 will be recorded.

CODES FOR BLOCK 5

col.(3): location :			
within village.....	1	<i>col.(11): use of the leased-out land by the lessee household:</i>	1
outside village but within the district	2	used for cultivation.....	9
outside the district but within the state.....	3	other uses.....	2
outside the state but within the country.....	4	<i>col.(12): whether flooded during January 2013 to June 2013?:</i>	1
col.(4): kind of possession for the major part of the period January 2013 to June 2013:		flooded and agricultural activities could not be carried out....	2
owned and possessed	1	flooded but agricultural activities were carried out.....	3
leased-in	2	flooded but the plot was not for agricultural activities.....	4
otherwise possessed	3		
leased-out	4	<i>col.(13): land use:</i>	
plots listed in visit 1 but not covered in codes 1 to 4 above.....	5	only crop production:	
		on jhum land.....	1
		on land other than jhum land.....	2
col.(7): type of possession:		only farming of animal/fishery.....	3
leased in:		both crop production and farming of animal /fishery.....	4
recorded lease.....	1	other agricultural uses.....	5
not recorded lease.....	2	other uses (non-agricultural uses).....	9
other.....	9		
		col.(14): type of crop production/ livestock farming:	
col. (8): duration of possession:		cereals.....	01
less than one agricultural season	1	orchards.....	07
at least one agricultural season but less than one agricultural year ...	2	plantation.....	08
at least one agricultural year but less than two agricultural years ...	3	oilseeds	03
two agricultural years or more.....	4	dairy.....	10
		vegetables.....	04
col.(10): terms of lease:		poultry/duckery	11
for fixed money	1	fodder.....	05
for fixed produce	2	other crop.....	06
for share of produce	3	farming of other animals	19
for service contract	4		
for share of produce together with other terms ...	5	col.(17):source of irrigation:	
under usufructuary mortgage	6	canal.....	1
from relatives under no specified terms	7	minor surface works (pond, tank, etc.).....	2
under other terms	9	ground water (tube well, well etc.).....	3
		combination of codes 1, 2, 3.....	4
		others.....	9
		col.(19): type of crop production/ livestock farming for the agriculture year July 2012-June 2013: code structure same as column 14, with additional code, not used for crop production/livestock farming/fishery	

[6] some general information of household operational holding for January 2013 to June 2013 (only for households where against at least one plot of block 5, entry in column 13 is any of 1, 2, 3, 4 or 5)		
srl. no.	item	code/entry
(1)	(2)	(3)
1.	area of the household operational holding (0.000 ha)	
2.	whether operated individually/jointly? (<i>individually -1, jointly-2</i>)	
3.	if code 2 in item 2	number of partner households
4.		percentage share of land of the household (in whole number)
5.	type of holding (<i>code</i>)	
6.	main use of the holding (<i>code</i>)	
7.	no. of parcels in the holding	
8.	no. of permanent attached farm workers during January 2013 to June 2013	against wages payable in cash/kind
9.		against share of produce

[8] some general information of household operational holding for the whole agricultural year: July 2012 to June 2013 (only for households where against at least one plot of block 5, entry in column 13 of visit 1/visit 2, is any of 1, 2, 3, 4 or 5 along with entry in visit 2, block 5 column 18 as 1)		
srl. no.	item	code/entry
(1)	(2)	(3)
1.	area of the household operational holding (0.000 ha)	
2.	whether operated individually/jointly? (<i>individually -1, jointly-2</i>)	
3.	if code 2 in item 2	number of partner households
4.		percentage share of land of the household (in whole number)
5.	type of holding (<i>code</i>)	
6.	main use of the holding (<i>code</i>)	
7.	no. of parcels in the holding	
8.	no. of permanent attached farm workers during the agricultural year 2012-13	against wages payable in cash/kind
9.		against share of produce
10.	whether the household carried out agricultural operation in July 2012 to December 2012/January 2013 to June 2013 (<i>code</i>)	

CODES FOR BLOCK 6 & BLOCK 8

item 5: type of holding: entirely owned -1, entirely leased-in -2, both owned and leased-in -3, entirely otherwise possessed -4.

item 6: main use of the holding: same as that in column 13 of block 5 (only codes 1 to 5 are applicable).

item 10: whether the household carried out agricultural operation in July 2012 to December 2012/January 2013 to June 2013: only in July 2012 to December 2012-1, only in January 2013 to June 2013-2, both in July 2012 to December 2012 and January 2013 to June 2013-3.

[2] particulars of field operations									
srl. no.	item	field investigator (FI) /assistant superintending officer (ASO)			field officer (FO)/ superintending officer (SO)				
(1)	(2)	(3)			(4)				
1 (a)	i) name (block letters)								
	ii) code								
	iii) signature								
1 (b)	i) name (block letters)								
	ii) code								
	iii) signature								
2.	date(s) of :	DD	MM	YY	DD	MM	YY		
	(i) survey/ inspection								
	(ii) receipt								
	(iii) scrutiny								
	(iv) despatch								
3.	number of additional sheets attached								
4.	total time taken to canvass the schedule by the team of investigators (FI/ASO) (in minutes)								
5.	number of investigators (FI/ASO) in the team who canvassed the Schedule								
6.	whether any remarks have been entered by FI/ASO/ supervisory officer (yes -1, no-2)	(i) in block 9/ 10							
		(ii) elsewhere in the schedule							

[9] remarks by investigators (FI/ASO)

[10] comments by supervisory officer(s)