



**राष्ट्रीय प्रतिवेश सर्वेक्षण**

**NATIONAL SAMPLE SURVEY**

संख्या 215      NUMBER 215

छव्वीसवां दौर : जुलाई 1971—सितम्बर 1972

**TWENTYSIXTH ROUND : JULY 1971—SEPTEMBER 1972**

**जात सम्बन्धी सारणियाँ**

**TABLES  
ON  
LAND HOLDINGS**

**राज्य : मणिपुर**

**STATE : MANIPUR**

**जिल्हा 2      VOLUME 2**

**भारत सरकार  
योजना मन्त्रालय, सांख्यिकी विभाग,  
राष्ट्रीय प्रतिवेश सर्वेक्षण संगठन  
द्वारा निर्गमित**

**ISSUED BY**

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

### **Note of Caution**

Being the scanned copy of old NSS report, this document may suffer from following limitations -

- i. Poor Quality of the Scanned images.
- ii. Page(s) missing in between.
- iii. Improper sequencing/arrangement.

NATIONAL SAMPLE SURVEY

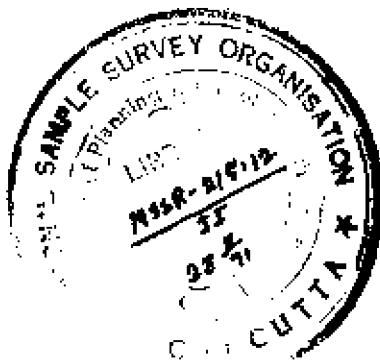
TWENTYSIXTH ROUND : JUL 1971 - SEP 1972

NUMBER 215.12

TABLES ON LAND HOLDINGS AT REGION LEVEL

STATE : MANIPUR

VOLUME II



NATIONAL SAMPLE SURVEY ORGANISATION

DEPARTMENT OF STATISTICS, MINISTRY OF PLANNING

GOVERNMENT OF INDIA

JULY 1975

CONTENTS

				Page(s).
1.	Introduction	..	..	1 - 8
2.	Note on estimates of aggregates	..	..	(i) - (viii)
3.	List of tables	..	..	9 - 13
4.	Size class of holding (with codes)	..	..	14
5.	Tables			
	i) Rural (Region 1)	..	..	91 - 116
	ii) Rural (Region 2)	..	..	117 - 142

### Note on Estimate of aggregates

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

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

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

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

moving reference period of a day during July 1971 to December 1971. Considering the fact that the reference period of the NSS was later than that of the Census, the NSS estimates of area of households are expected to be slightly higher than the Census figure, and this indeed found to be true at the all-India level. But larger plus differences and the minus differences must be mainly due to the sampling errors to which the NSS estimates are subject.

5. Column 7 of table I gives the figures on 'net area sown' for 1970-71 as per ninefold land-use classification. Column 8 shows that at the all-India level, the NSS estimates of area operated are lower than the 'net area sown' by about 7.2%. At the State level also, the NSS estimates are lower except in the case of Meghalaya, Himachal Pradesh and Maharashtra where the NSS estimates are higher. In Uttar Pradesh and Karnataka they are more or less the same. Of the remaining States/Union Territories differences of the order of 10 percent or more, are noticed in the case of Assam, Haryana, Kerala, Meghalaya, Orissa, Punjab, Tamil Nadu, Tripura, West Bengal, Delhi, Goa and Pondicherry. The conspicuous cases are Kerala (+45%); Haryana (+33%); Punjab (+31%); Meghalaya (+26%); Orissa (+24%); West Bengal (+22%) and Tamil Nadu (+20%), if we leave out the small States/Union Territories. On the other hand, the NSS estimates in respect of Bihar and Madhya Pradesh, tally well with the figures of 'net area sown', the difference being only about 3 percent.

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

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

- (iii) There is also difference in the agency adopted. In the case of all States excepting Kerala, Orissa and West Bengal, Statistics on land classification are collected by the revenue agency through the land records. On the other hand, the NSS data on land holdings were collected through oral enquiries from the selected households by deploying trained investigators under adequate field supervision but without any reference to the land records.
- (iv) In the case of Kerala, Orissa and West Bengal, Statistics of 'net area sown' are obtained not by complete enumeration through land records but estimated on the basis of sample surveys conducted by the State governments. To that extent both the estimates of 'net area sown' and the NSS 'area operated' are subject to sampling errors.
7. Thus among the cases of conspicuous differences the three States, Kerala, Orissa and West Bengal are states where the 'net area sown' figure is also a sample estimate. The differences found in the case of Punjab, Haryana and Tamil Nadu are a matter of concern. Looking at column 4 of Table I, in these States one does not notice underestimation of households in the NSS round (except Haryana where it is marginal) is against the Census. The differences between estimates of households and estimates of area are not in all cases in the same direction. Therefore, if 'area operated' is estimated on the basis of 'operated area per household on the basis of NSS Round' multiplied by the 1971 Census number of households (as is given in column 10 of Table I) one does not achieve any substantial reduction in variation between the NSS figure so derived and 'net area sown' estimates. With a view to presenting an overall picture in this regard showing the reduction or increase achieved in the percentage deviation from 'net area sown' by the adoption of the estimate of operated area based on Census number of households as compared to the NSS estimate of operated area, a separate Table II has been prepared and attached to the Note. Table II gives full details of States falling under the following four categories:-
- (i) States having overestimation of number of households and increase in percentage deviation from 'net area sown'.
  - (ii) States having overestimation of number of households and decrease in percentage deviation from 'net area sown'.
  - (iii) States having underestimation of number of households and increase in percentage deviation from 'net area sown'.
  - (iv) States having underestimation of number of households and decrease in percentage deviation from 'net area sown'.

It would be seen from columns 4 to 6 of Table II that the divergence from the 'net area sown' figures increase in the case of 8 States/Union Territories where the NSS estimates of number of households is on the higher side. Of these Karnataka, Gujarat, Uttar Pradesh, Rajasthan and Delhi have shown more divergence than the other States. Of the States where the NSS estimates of number of households were less than the Census number of households, Haryana Pradesh shown without increase in divergence. At all-India level, the divergence has not reduced substantially as can be seen from columns 8 and 11 of Table I.

4. It is, however, true that in the case of about 11 States/Union Territories variation between the two estimates is reduced if we consider the estimates as given in column 10, Table II. In view of smaller States/Union Territories, significant improvement is shown only in Maharashtra, Rajasthan, Jammu & Kashmir, Assam, West Bengal, Bihar and Kerala.<sup>1</sup> Except for Maharashtra, these are also the States where the number of households in the NSS was undercounted (Table II).<sup>2</sup>

5. Thus, so far as the estimates of aggregate operated area in 1970-71 in different States are concerned, the reader will have to choose between the following three: (a) NSS estimates as given in column 6 of Table I; (b) NSS estimates based on 1971 Census number of households, as given in column 10 of Table II; and (c) 'net area sown' given by State Agricultural Statistics Authorities and shown in column 7 of Table II. The National Sample Survey Organisation is trying to investigate into possible reasons for the large differences between these estimates in each State.<sup>3</sup> In the meanwhile, the choice between the estimates must be left to the discretion of the reader.

6. In spite of such differences in the estimates of the aggregate operated area, it is hoped that the reader will find the NSS results presented in these volumes in the form of averages and percentages as useful. Many of the results presented here are not available from any other source. Some of the results, such as the distribution of the operational holdings by their size, will also become available from the Agricultural Census 1970-71. The results of the Agricultural Census are derived by a re-tabulation of the basic data from the land records before comparing them with the data from the NSS, the reader should first check them with the aggregate estimates of the 'net area sown'.<sup>4</sup> Apart from the fact that the NSS estimates of aggregate operated area do not agree well with the estimates of 'net area sown' in some States, there is an important difference in the way the NSS results and the results of the Agricultural Census are built up. As mentioned above, the results of the Agricultural Census are derived by a re-tabulation of the basic data from the land records and cover both household and non-household sectors. The results of the NSS are derived by direct migration from a sample of households and hence cover only the household sector.<sup>5</sup> The choice between the two sets of data must again be left to the reader.<sup>6</sup>

TABLE I STATEWISE ESTIMATES OF NUMBER OF HOUSEHOLDS, AREA OWNED AND AREA OPERATED BASED ON 25TH EDITION OF THE AGRI-STELLER TABLES FROM 1961-62 CENSUS OF POPULATION.

SL. No.	State/ Union Territory	No. of households (in Estimate as per N.S.O.)		Per cent of X.S.O. 2 estimate as per census	Per cent of N.S.O. estimate as per census	Per cent of N.S.O. estimate as per census	
		No. 1	No. 2			No. 3	No. 4
1	Arunachal Pradesh	90128	93714	101.59	100.73	105.798	117346
2	Assam	23977	22046	97.874	100.92	108.71	142352
3	Bihar	22071	20579	93.56	97.64	93.57	94566
4	Gujarat	48111	46345	96.76	97.55	89.04	97359
5	Haryana	15364	15968	95.82	90.91	93.07	25650
6	Himachal Pradesh	4692	6542	71.72	55.99	59.92	5463
7	Jammu & Kashmir	6954	7635	91.89	67.74	64.91	6076
8	Karnataka	55351	52457	90.56	96.22	102.13	102462
9	Kerala	32937	35431	94.96	117.54	12.96	21717
10	Madhya Pradesh	72935	77403	94.23	104.06	100.72	106533
11	Maharashtra	105301	94523	111.63	100.16	109.65	115621
12	Manipur	1426	1806	14.19	17.07	12.98	1403
13	Meghalaya	2111	2063	10.27	10.26	10.26	1430
14	Orissa	45121	41673	102.73	43.55	42.32	56013
15	Punjab	24497	23702	101.37	23.32	20.05	40323
16	Rajasthan	19312	15732	66.62	138.30	172.43	17110
17	Tamil Nadu	69442	69350	101.17	95.37	482.14	61627
18	Sikkim	2027	2704	76.55	12.97	14.55	2403
19	Uttar Pradesh	171771	154919	100.05	163.79	124.06	173049
20	West Bengal	75320	69531	95.27	46.60	45.10	55420
21	Delhi	8352	7877	104.70	877	532	803
22	Goa	953	1656	57.98	163	265	1336
23	Pondicherry	548	107	60.89	131	193	313
<b>ALL INDIA</b>		<b>1386123</b>	<b>1303561</b>	<b>104.42</b>	<b>1259330</b>	<b>1329346</b>	<b>1401169</b>

\* Figures are provisional.

† Figure relates to the year 1967-68.

‡ Figure is primarily based on State Crop Survey (Rice).<sup>1</sup>

§ Figure relates to the year 1960.<sup>2</sup>

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

No.	State/ Union Territory	Percentage of N.S.S. estimate of operated area over 1981 Agricultural households <sup>1</sup>	Average operated area(0.00 hect.) per household	The estimate of operated area(00 hect.) based on census households	Percentage of col. 10 to col. 7
No.	Y	Z	A	B	C
1	Jammu & Kashmir	91.01	1.16	104602	99.21
2	Assam	99.80	0.97	21790	97.49
3	Bihar	97.63	0.89	87557	103.35
4	Gujarat	90.49	1.03	83726	94.05
5	Haryana	67.06	1.36	24910	69.07
6	Himachal Pradesh	107.12	1.25	6178	143.65
7	Jharkhand	94.40	0.93	7100	105.26
8	Karnataka	99.93	1.05	97008	94.66
9	Kerala	56.94	0.38	13664	63.95
10	Madhya Pradesh	97.95	1.00	191959	104.60
11	Maharashtra	107.12	1.00	169790	96.10
12	Madhya	98.71	0.91	1662	113.64
13	Nagaland	126.43	0.96	1174	124.36
14	Orissa	75.10	0.94	39962	78.27
15	Punjab	69.23	1.15	27257	62.25
16	Rajasthan	91.73	1.57	160789	103.95
17	Sikkim	79.97	0.38	48121	78.00
18	Tripura	60.62	0.72	1954	63.05
19	Uttar Pradesh	100.70	1.02	162148	95.70
20	West Bengal	78.33	0.38	46711	64.28
21	Delhi	66.09	0.06	479	55.36
22	Goa	19.91	0.28	464	34.73
23	Andhra Pradesh	61.27	0.35	316	104.35
ALL INDIA		92.05	1.89	1296506	92.24

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

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

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

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

State	Extent of N.S.S. overesti- mation of households (%)	Percentage deviation from net area sown of N.S.S. Operated area based area		Absolute decrease in the percentage deviation in col.9 from col.8	10
		6	7	8	9
Meghalaya	2.33	+ 26.43	+ 24.06	2.37	
Maharashtra	11.63	+ 7.12	- 3.90	3.22	

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

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

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

State	Extent of N.S.S. underesti- mation of households (%)	Percentage deviation from net area sown of N.S.S. operated area		Operated area based on census households	Absolute increase in the percentage deviation in col.14 from col.13
		11	12	13	14
Himachal Pradesh	28.28	+7.12	+49.68		42.56
Bihar	6.41	-2.57	+3.56		0.99
Madhya Pradesh	5.77	-2.05	+4.02		1.97
Manipur	21.91	-7.29	+18.64		11.35

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

State	Extent of N.S.S. underesti- mation of households (%)	Percentage deviation from net area sown of N.S.S. operated area		Operated area based on census households	Absolute decrease in the percentage deviation in col.19 from col.18
		16	17	18	19
Assam	8.26	-10.20	-2.51		7.69
Haryana	3.78	-32.94	-30.13		2.81
Jammu & Kashmir	8.92	-5.60	+3.26		2.34
Kerala	7.04	-43.06	-36.05		5.01
Rajasthan	13.38	-8.27	+5.93		2.34
Tripura	25.70	-39.38	-18.17		21.21
West Bengal	6.73	-21.67	-15.72		5.95
Goa	42.16	-80.09	-69.27		14.82
Pondicherry	39.71	-38.73	+0.95		37.78

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

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

Introduction

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

Period of the survey

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

Geographical coverage

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

Participation of States

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

Schedules prescribed

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

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

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

## Sampling Design

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

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

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

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

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

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

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

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

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

#### Item coverage

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

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

### Concepts and definitions

14. The concepts and definitions adopted in the survey of land holdings are given below:-

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

the household. But this may not always be the case. For instance, a household operational holding may consist of two operational holdings separately managed by two brothers or by a father and a son who are members of a single household. In such cases, there may have been a separation in the matter of land holding but not in the household. On the other hand, a household may have a share in an operational holding jointly managed by two or more households such as the separate households of two brothers or a father and his son who may have separate households but a joint operational holding. In such cases, the household operational holding will consist of only the share of the household in the joint operational holding plus any land holding which the household may have under its own single management.

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

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

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

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

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

#### Reference period

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

#### Results presented

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

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

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

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

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

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

20. The results presented here are in respect of Manipur. The State consists of two regions, viz., (1) Plains and (2) Hills. The names of districts within each region are as below:-

Sl. No.	Name of the region	Composition of the region (districts)
(1)	(2)	(3)
1.	Plains	Manipur Central (Bishanpur, Imphal East, Imphal West and Thoubal sub-divisions)
2.	Hills	Manipur Central (Jiribam and Tengnoupal sub-divisions), Manipur North, Manipur South and Manipur West.

LIST OF TABLES

Description of table	State tables			Region tables (Rural)	
	Urban & Rural	Urban	Rural	Region No. 1	Region No. 2
				Page Number	
TABLE (1) :	Estimated number of households, area owned and household size by size class of household ownership holding.	15	39	65	91 117
TABLE (2) :	Percentage and cumulative percentage distribution of households and of area owned by size class of household ownership holding.	16	40	66	92 118
TABLE (3) :	Percentage of households leasing out land under different terms to all households owning land and percentage of area leased out to area owned by size class of household ownership holding.	17	41	67	93 119
TABLE (4) :	Percentage of households leasing in land under different terms to all households owning land and percentage of area leased in to area owned by size class of household ownership holding.	18	42	68	94 120

LIST OF TABLES (CONTD.)

	Description of table	State tables			Region tables (Rural)	
		Urban & Rural	Urban	Rural	Region No. 1	Region No. 2
TABLE (5) :	Estimated number of households, area operated and household size by size class of household operational holding.	19	43	69	95	121
TABLE (6) :	Percentage and cumulative percentage of households and of area operated by size class of household operational holding.	20	44	70	96	122
TABLE (7) :	Estimated number of owned cattle and owned buffaloes per 100 households by size class of household operational holding.	21	45	71	97	123
TABLE (8) :	Estimated number of owned cattle and owned buffaloes per 100 hectares of operated area by size class of household operational holding.	23	47	73	99	125
TABLE (9) :	Percentage of households not having working cattle and buffaloes by size class of household operational holding.	25	49	75	101	127

Description of table

Urban & Rural	State tables		Region tables (Rural)	
	Urban	Rural	Region No. 1	Region No. 2

TABLE (15) : Estimated number of transport equipments owned per 100 households by size class of household operational holding.

	31	56	83	109	135
--	----	----	----	-----	-----

TABLE (16) : Percentage of shares of value of (i) cattle (ii) buffaloes (iii) other livestock (iv) agricultural machinery (v) non-farm business equipments (vi) transport equipments in the total value of all the six Asset groups by size class of household operational holding.

	32	57	64	110	136
--	----	----	----	-----	-----

TABLE (17) : Estimated number of households holding and area operated by size class of operational holding.

	58	59	85	111	137
--	----	----	----	-----	-----

TABLE (18) : Percentage and cumulative percentage distribution of operational holding and area operated by size class of operational holding.

	59	86	112	138
--	----	----	-----	-----

Description of table

		State tables			Union tables		Section No.	Page Number
		Urban & Rural	Urban	Rural	1	2		
TABLE (15)	: Estimated number of transport equipments owned per 100 households by size class of household operational holding.		31	56	83	109	135	
TABLE (16)	: Percentage of shares of value of (i) cattle (ii) buffaloes (iii) other livestock (iv) agricultural machinery (v) non-farm business equipments (vi) transport equipments in the total value of all the six asset groups by size class of household operational holding.		32	57	84	110	136	
TABLE (17)	: Estimated number of operational holding and area operated by size class of operational holding.		33	58	85	111	137	
TABLE (18)	: Percentage and cumulative percentage distribution of operational holdings and area operated by size class of operational holding.		34	59	86	112	138	

LIST OF TABLES (CONT'D.)

	Description of table	State tables			Region tables (rural)	
		Urban & Rural	Urban	Rural	Region No. 1	Region No. 2
TABLE TABLE	(10) : Estimated number of livestock (other than cattle and buffaloes) and poultry owned per 100 households by size class of household operational holding.	26	50	76	102	128
TABLE	(11) : Estimated number of agricultural machinery owned per 100 households by size class of household operational holding.	27	51	77	103	129
TABLE	(12) : Estimated number of agricultural machinery per 100 hectares of operated area and area operated per tractor by size class of household operational holding.	29	53	79	105	131
TABLE	(13) : Percentage of households reporting pumps and ploughs by size class of household operational holding.	30	54	80	106	132
TABLE	(14) : Estimated number of non-farm business enterprises owned per 100 households by size class of household operational holding.	x	55	81	107	133

This table is drawn on the data collected for urban and rural sectors

LIST OF TABLES (CONTD.)

Description of table	State tables			Region tables (Rural)		
	Urban & Rural	Urban	Rural	1	2	Region No.
TABLE (19) : Percentage of holdings reporting owned areas and those reporting leased in area and percentage of operated areas owned and leased in under different terms of leasing in by size class of operational holding.	35	60	87	113	139	165
TABLE (20) : Percentage of individual and joint operational holdings and their percentage shares of area operated by size class of operational holding.	37	62	89	115	141	167
TABLE (21) : Average number of attached farm workers per operational holding (reporting) for different major agricultural seasons by size class of operational holding;	38	63	90	116	142	168

		<u>SIZE CLASS OF HOLDING</u>			
<u>ACRES</u>		<u>HECTARES</u>			<u>CODE</u>
		@ Landless/operating no land			0
0.01	- . 0.49	0.002	-	0.20	1
0.50	- 0.99	0.21	-	0.40	2
1.00	- 1.24	0.41	-	0.50	3
1.25	- 2.49	0.51	-	1.00	4
2.50	- 4.99	1.01	-	2.02	5
5.00	- 7.49	2.03	-	3.03	6
7.50	- 9.99	3.04	-	4.04	7
10.00	- 12.49	4.05	-	5.05	8
12.50	- 14.99	5.06	-	6.07	9
15.00	- 19.99	6.08	-	8.09	10
20.00	- 24.99	8.10	-	10.12	11
25.00	- 29.99	10.13	-	12.14	12
30.00	- 49.99	12.15	-	20.24	13
50.00	& above	20.25	& above		14
@		Households owning/operating land less than 0.002 hectares are included in size class 0.			
Households owning land but not operating		..	..	code	0.1
Households neither owning nor operating land		..	..	code	0.2

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

State : Manipur

Region : Plains.

Rural

Number of sample villages: 48

Number of sample households : 427

size class of household ownership holding (code)	estimated number of households (00)			estimated area owned (00 hectares)			estimated household size		
	sub- sample 1	sub- sample 2	com- bined	sub- sample 1	sub- sample 2	combined	sub- total 1	sub- total 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	30	77	54	-	-	-	3.50	5.17	4.67
1	264	282	273	21	27	24	5.31	5.31	5.31
2	30	123	101	23	38	30	5.03	5.69	5.36
3	11	23	17	4	11	8	5.18	4.91	5.00
4	105	230	168	73	155	114	6.32	6.35	6.33
5	150	206	178	202	274	238	5.16	6.50	6.35
6	34	30	32	79	68	74	7.44	6.56	7.03
7	14	22	18	46	76	61	9.35	7.81	8.61
8	3	6	4	12	25	18	9.00	7.17	7.77
9	-	2	1	-	10	5	-	7.50	7.50
10	2	2	2	11	12	12	10.00	6.50	8.00
11	-	7	4	-	57	28	-	6.00	6.00
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	693	1010	852	471	753	612	5.77	5.91	5.85

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

State : Manipur

Region : Plains

Rural

Number of sample

villages : 48

number of sample households : 427

size class of household ownership holding (code)	average area owned by household (hectares)	percentage of		cumulative percentage of	
		households	area owned	households	area owned
(1)	(2)	(3)	(4)	(5)	(6)
0	-	6.34	-	6.34	-
1	0.09	32.01	3.92	38.38	3.92
2	0.30	11.05	4.90	50.23	8.72
3	0.47	2.00	1.31	52.23	10.13
4	0.63	19.72	18.63	71.95	28.76
5	1.34	20.89	38.89	92.84	57.65
6	2.31	3.76	12.09	96.60	79.74
7	3.39	2.11	9.97	98.71	89.71
8	4.50	0.47	2.94	99.18	92.65
9	5.06	0.12	0.82	99.30	93.47
10	6.03	0.23	1.96	99.53	95.43
11	8.14	0.47	4.57	100.00	100.00
12	-	-	-	100.00	100.00
13	-	-	-	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	0.72	100.00	100.00		
estimated number of households (00)	-	852	-		
estimated area owned (00 hectares)	-		612		
average area owned by land owning households (hectares)	0.77	x	x		

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

State : Manipur

Region : Plains

Rural

Number of sample

villages : 48

number of sample households : 427

size class of estimated household ownership holding (code)	number of households (00)	percentage of households leasing out land				estimated area owned (00 hect- ares)	percentage of owned area leased out			
		under usufructuary basis	on crop sharing basis	on other terms	any term		under usufructuary basis	on crop sharing basis	on other terms	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	273	-	-	0.36	0.36	24	-	-	0.00	0.00
2	101	-	-	6.93	6.93	30	-	-	5.26	5.26
3	17	-	-	5.88	5.88	8	-	-	0.00	0.00
4	158	-	-	7.74	7.74	114	-	-	4.98	4.98
5	178	-	1.68	12.36	14.04	238	-	1.02	6.63	7.65
6	32	-	-	21.88	21.88	74	-	-	14.83	14.83
7	18	-	5.56	44.44	50.00	61	-	1.33	38.67	40.00
8	4	25.00	-	-	25.00	18	4.34	-	-	4.34
9	1	-	-	100.00	100.00	5	-	-	16.66	16.66
10	2	-	50.00	50.00	100.00	12	-	3.45	20.68	24.13
11	4	-	-	100.00	100.00	28	-	-	100.00	100.00
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	798	0.12	0.62	8.02	8.76	612	0.13	0.59	14.54	15.26

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

State : Manipur

Region : Flains

Rural

number of sample villages : 40

number of sample households : 427

size class of household ownership holding (code)	estimated number of households (01)	percentage of households leasing in land						estimated area owned (00) hect-areas	percentage of area leased in						total
		for fixed money	for fixed produc-	for share produc-	under usufrui-	on other mort-	under any term		for fixed money	for fixed produc-	for share produc-	under usufrui-	on other mort-		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
0*	54	-	-	-	-	81.40	81.40	-	-	-	-	-	-	88	88
1	273	1.09	6.95	2.56	-	32.60	43.20	24	10.33	53.33	25.00	-	-	343.34	440.00
2	101	1.90	13.86	-	-	42.57	50.41	30	2.63	27.63	-	-	-	115.79	146.05
3	17	-	-	-	-	41.17	41.17	.8	-	-	-	-	-	110.53	110.53
4	160	-	14.00	2.97	-	39.20	57.13	114	-	14.23	3.91	-	-	51.96	70.10
5	170	0.56	0.42	2.24	-	24.71	35.39	230	10.51	4.59	1.19	-	-	19.39	25.68
6	32	3.12	-	-	-	10.75	21.07	74	10.55	-	-	-	-	7.69	8.24
7	18	-	-	-	-	11.11	11.11	61	-	-	-	-	-	4.67	4.67
8	4	-	-	-	-	25.00	25.00	10	-	-	-	-	-	6.52	6.52
9	1	-	-	-	-	-	-	5	-	-	-	-	-	-	-
10	2	-	-	-	-	50.00	50.00	12	-	-	-	-	-	6.90	6.90
11	4	-	-	-	-	-	-	26	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
all sizes	852	0.82	3.56	1.86	-	35.56	45.66	612	1.12	8.06	2.10	-	-	45.47	56.03

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

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

State : Manipur

Region : Plains

Rural

number of sample villages : 40

number of sample households : 427

size class of household operational holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated household size		
	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)
0	112	131	122	x	x	x	4.45	4.75	4.59
0.1	94	104	99	x	x	x	x	x	x
0.2	18	27	23	x	x	x	x	x	x
1	90	105	97	7	10	8	5.62	5.27	5.45
2	41	95	68	11	30	20	4.85	5.34	5.19
3	9	14	12	4	6	5	5.00	5.00	5.00
4	127	232	179	93	157	125	5.59	5.44	5.51
5	204	320	262	287	458	373	5.93	6.68	6.38
6	83	82	83	193	185	189	6.99	6.89	6.89
7	15	21	18	50	70	60	8.67	8.14	8.39
8	4	8	6	20	33	27	10.00	8.50	9.00
9	6	-	3	34	-	17	10.33	-	10.33
10	-	2	1	-	12	6	-	6.50	6.50
11	2	-	1	13	-	5	10.00	-	10.00
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	693	1010	852	712	961	836	5.77	5.91	5.85

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

State : Manipur

Region : Plains

Rural

Number of sample villages : 46

number of sample households : 427

size class of household operational holding (code)	average area operated by household (hectares)	percentage of		cumulative percentage of	
		households	area operated	households	area operated
(1)	(2)	(3)	(4)	(5)	(6)
0	-	14.32	-	1.32	-
1	0.00	11.30	0.96	25.70	0.96
2	0.29	7.90	2.39	33.60	3.35
3	0.42	1.41	0.60	35.09	3.95
4	0.70	21.01	14.95	56.10	13.90
5	1.42	30.76	44.61	66.86	63.51
6	2.20	9.74	22.61	96.60	86.12
7	3.33	2.11	7.10	96.71	93.30
8	4.50	0.70	3.23	99.41	96.53
9	5.67	0.35	2.03	99.76	98.56
10	6.47	0.12	0.72	99.00	99.20
11	8.50	0.12	0.72	100.00	100.00
12	-	-	-	100.00	100.00
13	-	-	-	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	0.98	100.00	100.00		
estimated number of households (00)	x	852	x		
estimated area operated (00 hectares)	x	x	836		
average area operated by land operating households(hectares)	1.14	x	x		

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

State : Manipur

Region : Plains

rural

Number of sample

villages : 40

number of sample households : 427

Size class of household Operational holding (code)	number (0.00)			of cattle owned per 100 households					Total
	males over 3 years working	others	sub-total	females over 3 years in milk	others	sub-total	Young stock		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
0	5.74	-	5.74	6.56	-	6.56	6.56	18.86	
1	4.12	-	4.12	11.34	-	11.34	17.52	32.98	
2	32.35	-	32.35	44.11	10.29	54.40	33.82	120.57	
3	158.33	-	158.33	58.33	-	58.33	-	216.66	
4	103.35	18.99	122.34	40.22	12.29	52.51	19.55	194.40	
5	147.33	2.67	150.00	46.56	6.11	52.67	49.24	251.91	
6	174.70	13.25	187.95	55.42	10.84	66.26	61.44	315.65	
7	250.00	11.11	261.11	94.44	33.33	127.77	83.33	472.21	
8	300.00	-	300.00	50.00	16.67	66.67	133.00	499.67	
9	400.00	-	400.00	166.67	-	166.67	200.00	756.67	
10*	800.00	-	800.00	400.00	-	400.00	200.00	1400.00	
11*	900.00	-	900.00	600.00	-	600.00	300.00	1300.00	
12	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	
all sizes	100.00	6.34	106.34	38.26	7.16	45.42	34.51	186.27	

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

Site : Manipur

Region : Plains

Rural

Number of sample

villages : 48

number of sample households: 427

Size class of household operational holding (code)	number (6.00)		of buffaloes owned per 100 households						number of cattle and buffaloes per 100 households (6.00)	
	males over 3 years			females over 3 years			young stock	total		
	working others	sub-total	in milk	others	sub-total					
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
0	-	-	-	-	-	-	-	-	-	18.86
1	-	-	-	-	-	-	-	-	-	32.98
2	-	-	-	-	-	-	-	-	-	120.57
3	-	-	-	-	-	-	-	-	-	216.66
4	5.59	-	5.59	-	-	-	-	-	5.59	199.99
5	6.49	-	6.49	-	-	-	-	-	6.49	258.40
6	4.82	-	4.82	1.20	1.20	2.40	1.20	3.42	324.07	
7	5.55	-	5.55	16.67	-	16.67	16.67	33.39	511.10	
8	16.67	-	16.67	16.67	-	16.67	-	33.34	533.01	
9	-	-	-	-	-	-	-	-	-	766.67
10	-	-	-	-	-	-	-	-	-	1400.00
11	200.00	-	200.00	300.00	-	300.00	200.00	700.00	2500.00	
12	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	
all sizes	3.99	-	3.99	0.82	0.12	0.94	0.59	5.52	191.79	

\* Against size class of household sl.no.11 & 12 no.of cattle owned per 100 households is calculated by actual no.of household as there is only one hold in these classes.

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

State: Manipur.

Number of sample villages : 48

Region : Plains

Rural  
number of sample households : 427

Size class of household operating land holding (in ha.)	number (0.00)			of cattle owned per 100 hectares of operated area			young stock	total
	males over 3 years		sub total	females over 3 years		sub total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0*	7	-	7	8	-	3	8	23
1	44.92	-	44.92	123.55	-	123.55	190.93	359.40
2	106.60	-	106.60	145.34	33.50	179.84	111.44	397.28
3	335.34	-	335.34	123.55	-	123.55	-	458.89
4	148.41	27.23	175.69	57.77	17.64	75.41	26.07	279.17
5	103.90	1.88	105.78	32.84	4.30	37.14	34.72	177.64
6	76.72	5.83	82.55	24.34	4.77	29.11	26.98	138.64
7	74.62	3.31	77.93	28.19	9.96	38.15	24.88	140.96
8	66.42	-	66.42	11.42	3.80	15.22	30.42	114.06
9	70.60	-	70.60	29.40	-	29.40	35.23	135.23
10	65.90	-	65.90	32.94	-	32.94	16.43	115.32
11	77.22	-	77.22	46.33	-	46.33	15.44	138.99
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	101.85	6.45	108.30	38.97	7.29	46.26	35.14	189.70

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

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

State : Manipur

Region : Plains

Rural

number of sample villages : 48

number of sample households : 427

size class of household operational holding (code)	number(0.00) of buffaloes owned per 100 hectares of operated area								number of cattle and buffaloes owned per 100 hectares of operated area	
	males over 3 years			females over 3 years			young stock	total		
	working	others	sub total	in milk	others	sub-total				
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
0*	-	-	-	-	-	-	-	-	23	
1	-	-	-	-	-	-	-	-	359.40	
2	-	-	-	-	-	-	-	-	397.23	
3	-	-	-	-	-	-	-	-	450.89	
4	8.03	-	8.03	-	-	-	-	8.03	287.20	
5	4.57	-	4.57	-	-	-	-	4.57	182.21	
6	2.12	-	2.12	0.52	0.52	1.04	0.52	3.68	142.32	
7	1.66	-	1.66	4.97	-	4.97	4.97	41.60	152.56	
8	3.80	-	3.80	3.80	-	3.80	-	7.60	121.66	
9	-	-	-	-	-	-	-	-	135.23	
10	-	-	-	-	-	-	-	-	115.32	
11	15.44	-	15.44	36.89	-	30.89	15.44	61.77	200.76	
12	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	
all sizes	4.05	-	4.05	0.84	0.12	0.96	0.59	5.60	195.30	

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

## WORKING

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

State : Manipur

Region : Plains

Rural

number of sample villages : 48

number of sample households : 427

size class of household operational holding (code)	number of households (00)	percentage of households not having working animals cattle	percentage of households not having working animals buffaloes	percentage of households not having any working cattle or buffaloes
---	------------------------------	--	---	---

(1)	(2)	(3)	(4)	(5)
0	122	96.72	100.00	96.72
1	97	97.94	100.00	97.94
2	63	82.22	100.00	82.22
3	12	25.00	100.00	25.00
4	175	43.04	94.97	44.69
5	262	29.01	95.30	25.19
6	83	20.43	92.77	15.66
7	13	11.11	94.44	5.55
8	6	-	83.33	-
9	3	-	100.00	-
10	1	-	100.00	-
11	1	-	-	-
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
all sizes	852	53.05	96.60	50.55

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

State : Manipur		Region : Plains						Rural	
number of sample villages : 43								number of sample households : 427	
size class of household operational holding (code)	number (0.00)	owned per 100 households						pigs	poultry
		sheep	goats	horses & ponies	mules	donkeys	cattle		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-	3.20	-	-	-	-	-	-	155.44
1	-	-	-	-	-	-	-	-	36.14
2	-	-	-	-	-	-	-	-	342.52
3	-	-	-	-	-	-	-	-	241.67
4	-	-	-	-	-	-	-	7.62	76.77
5	-	1.91	-	-	-	-	-	6.11	221.37
6	-	-	-	-	-	-	7.23	1.20	204.82
7	-	33.33	-	-	-	-	-	-	116.67
8	-	-	-	-	-	-	-	-	116.67
9	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	470.00
11	-	-	-	-	-	-	-	-	600.00
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	-	1.76	-	-	-	-	0.70	3.64	167.37

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

State : Manipur

Region : Plains

Rural

Number of sample villages : 43

Number of sample households : 427

size class of household operational holding (code)	number (0.00) of agricultural machinery owned per 100 households											
	tractors											
	ploughs wooden	ploughs iron	harrow	seed drill's	spray- ers	dust- ers	less than 10. 4P.	10-14 h.p.	15-19 h.p.	20. h.p.	h.p. not available	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
0	4.92	-	1.64	-	-	-	-	-	-	-	-	-
1	9.28	-	-	-	-	-	-	-	-	-	-	-
2	98.53	-	25.00	-	-	-	-	-	-	-	-	-
3	141.67	-	16.67	-	-	-	-	-	-	-	-	-
4	118.44	2.23	43.60	-	-	-	-	-	-	-	-	-
5	144.66	-	53.32	-	-	-	-	-	-	-	-	-
6	169.83	-	51.81	-	-	-	-	-	-	-	-	-
7	211.11	-	83.33	-	-	-	-	-	-	-	-	-
8	250.00	-	33.33	-	-	-	-	-	-	-	-	-
9	333.33	-	33.33	-	-	-	-	-	-	-	-	-
10	340.00	-	-	-	-	-	-	-	-	-	-	-
11	400.00	-	200.00	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
all sizes	105.75	0.47	36.62	-	-	-	-	-	-	-	-	-

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

State : Manipur

Region : Plains

Rural

Number of sample villages : 48

Number of sample households : 427

Size class of household operational holding (code)	Number (C.00)	Number of agricultural machinery owned per 100 households						Others
		Thrashers	Electric	Diesel	Other	Cone crushers	Oil crushers	
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(1)
0	-	-	-	-	-	-	-	11.40
1	-	-	-	-	-	-	-	30.93
2	7.35	-	-	-	-	-	-	92.65
3	-	-	-	-	-	-	-	316.67
4	11.17	-	-	-	-	-	-	162.01
5	12.60	-	-	-	-	0.76	-	161.83
6	12.05	-	-	-	-	-	-	151.81
7	33.89	-	-	-	-	-	-	305.56
8	66.67	-	-	-	-	-	-	350.00
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	400.00
11	-	-	-	-	-	-	-	300.00
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	9.27	-	-	-	-	0.23	-	125.94

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

State : Manipur

Region : Plains.

Rural

size class of household operational holding (code)	estimated number of agricultural machinery per 100 hectares of operated area				estimated area operated per tractor (0.20 hectares)					
	ploughs		harrow	seed drill	less than 10-14	15-19	20-24	25 & more	h.p. not available	all
	wooden	iron			h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	101.09	-	-	-	-	-	-	-	-	-
2	324.52	-	62.36	-	-	-	-	-	-	-
3	300.05	-	35.31	-	-	-	-	-	-	-
4	170.06	3.21	69.80	-	-	-	-	-	-	-
5	102.00	-	37.94	-	-	-	-	-	-	-
6	74.60	-	22.76	-	-	-	-	-	-	-
7	63.01	-	24.32	-	-	-	-	-	-	-
8	57.03	-	7.61	-	-	-	-	-	-	-
9	53.63	-	5.88	-	-	-	-	-	-	-
10	49.42	-	-	-	-	-	-	-	-	-
11	61.75	-	30.89	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	107.71	0.47	37.29	-	-	-	-	-	-	-

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

State : Manipur		Region : Plains		Rural				
Number of sample villages : 42				Number of sample households : 427				
Size class of household operational holding (code)	Number of households (n)	Percentage of households reporting						
		Ploughs	neither wooden nor iron ploughs	Electric pumps	Diesel pumps other			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	122	4.92	-	95.08	-	-	-	-
1	97	6.18	-	93.82	-	-	-	-
2	60	67.65	-	32.35	-	-	-	-
3	12	33.33	-	16.67	-	-	-	-
4	179	33.24	2.23	16.76	-	-	-	-
5	262	94.66	-	5.34	-	-	-	-
6	83	97.59	-	2.41	-	-	-	-
7	18	100.00	-	-	-	-	-	-
8	6	100.00	-	-	-	-	-	-
9	3	100.00	-	-	-	-	-	-
10	1	100.00	-	-	-	-	-	-
11	1	100.00	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
All sizes	852	67.49	0.47	32.51	-	-	-	-

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

Date : Manipur

Region : Plains

Rural

number of sample villages : 43

number of sample households : 427

size class house- old opera- tional holding (code)	number (0.00) of non-farm business equipments owned per 100 households										other tailoring equipment
	hand- looms	semi- auto matic power looms	ginning, pressing, bobbing & equip- ments	roeds, bobbins & acces- sories	garnis oil accessories	oil mills (power and driven)	rice milling machines	fleur milling & rice	sewing machines		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
0	8.20	-	-	5.74	8.20	-	-	-	-	-	-
1	21.65	-	-	-	-	-	-	-	-	-	-
2	30.33	-	-	-	-	-	-	-	-	-	-
3	33.33	-	-	50.00	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-
5	10.30	-	-	5.73	-	-	-	-	-	-	-
6	7.23	-	-	14.46	-	-	-	-	-	-	-
7	22.22	-	-	-	-	-	-	-	-	-	-
8	33.33	-	-	66.66	-	-	-	-	-	-	-
9	33.33	-	-	-	-	-	33.33	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-
all sizes	11.27	-	-	5.16	1.17	-	0.12	-	-	-	-

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

State : Madhya Pradesh		Region : Plains		Rural																							
				number of sample households : 427																							
size class		number (Q.00) of non-farm business equipments owned per 100 households.																									
house- hold oper- at- ing code)		size class																									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)												
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.20	59.84											
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.61											
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.55											
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
all sizes		-	-	-	-	-	-	-	-	-	-	-	-	-	1.17	9.04											

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

as-Manipur

Regions:- Plains

Rural

number of sample villages:- 48

number of sample households:- 427

size class of households operational holding (size)	number (0.00) of transport equipments owned per 100 households						trucks	trailers	passenger buses	others
	boats	motor cars	carts	bicycles	motor- cycles/ scooters	(7)				
(1)	(2)	(3)	(4)	(5)	(6)					
0	-	-	-	30.33	3.28	-	-	-	-	5.74
1	-	4.12	-	53.61	-	-	-	-	-	-
2	5.00	-	-	32.35	-	-	-	-	-	-
3	-	-	25.00	-	-	-	-	-	-	-
4	4.47	-	11.17	33.52	-	-	-	-	-	2.23
5	1.14	-	27.10	38.55	-	-	-	-	-	2.67
6	1.20	-	49.40	45.78	-	-	-	-	-	-
7	-	-	77.78	100.00	-	-	-	-	-	-
8	-	-	83.33	100.00	-	-	-	-	-	-
9	-	-	100.00	133.33	-	-	-	-	-	-
10	-	-	-	200.00	-	-	-	-	-	-
11	-	-	-	100.00	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	1.08	0.47	16.43	40.03	0.47	-	-	-	-	2.11

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

State : Manipur

Region : Plains

Rural

number of sample villages : 48

number of sample households : 427

size class of house- hold oper- ational (code)	total value of six asset groups (Rs. '00)	value of asset per 100 house- holds (Rs. '00)	value of asset per 100 hect- ares of operated area (Rs. '00)	percentage shares of value of owned					
				cattle	buffa- lows	other live- stock	agricul- tural machinery	non-farm business equipments	transperte
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	16280	13344	16280*	21.95	-	5.53	0.85	25.52	41.75
1	103649	106855	1295612	2.02	-	0.22	0.22	5.57	91.97
2	22325	32919	111925	53.42	-	4.84	5.22	11.79	24.73
3	11577	96475	231540	40.09	-	4.13	2.72	24.43	20.53
4	94376	53003	75901	70.48	3.26	3.01	4.52	-	14.73
5	214736	81960	57570	66.15	4.07	1.88	4.90	4.70	12.30
6	27760	105735	46434	67.94	2.73	0.80	3.42	2.92	22.19
7	30756	170367	51260	62.89	5.59	0.74	4.84	2.49	23.45
8	12246	204100	45356	61.36	6.52	0.19	3.05	6.32	21.26
9	8019	267300	47170	72.20	-	-	1.80	4.45	21.51
10	1997	199700	33283	77.67	-	0.95	9.61	-	11.77
11	2619	261900	43650	53.06	31.50	0.85	3.17	-	11.45
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	--	-	-	-	-	-	-
all size	606900	71232	72596	53.78	2.89	1.76	3.63	5.06	32.83

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

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

State : Manipur

Region ; Plains

Rural

Number of sample villages : 43

number of sample households : 427

Size class of operational holding (code)	estimated number of operational holdings(00)			estimated area operated (00 hectares)			Rural
	sub sample 1	sub sample 2	combined	sub sample 1	sub sample 2	combined	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1	90	105	97	7	10	8	
2	41	55	62	11	30	24	
3	9	14	12	4	6	5	
4	127	232	179	53	55	125	
5	204	320	262	237	458	373	
6	83	82	23	193	135	135	
7	15	21	18	50	70	60	
8	4	6	6	20	33	27	
9	6	-	3	34	-	17	
10	-	2	1	-	12	6	
11	2	-	1	13	-	6	
12	-	-	-	-	-	-	
13	-	-	-	-	-	-	
14	-	-	-	-	-	-	
all sizes	581	879	730	712	961	836	

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

State : Manipur

number of sample villages : 48

size class of  
operational  
holding  
(code)

average area of  
an operational  
holding (hectares)

Region : Plains

Rural

number of sample households : 427

	percentage of operational holding	area operated	cumulative percentage of operational holdings	area operated
--	---	------------------	---	------------------

(1)	(2)	(3)	(4)	(5)	(6)
1	0.03	13.29	0.55	13.29	0.55
2	0.19	9.32	2.39	22.61	3.34
3	0.42	1.64	0.60	24.25	3.94
4	0.70	24.52	14.95	43.77	18.85
5	1.42	35.89	44.62	84.66	63.51
6	2.25	11.37	22.61	96.03	86.12
7	3.33	2.46	7.10	98.49	93.30
8	4.50	0.82	3.23	99.31	96.53
9	5.67	0.41	2.03	99.72	98.56
10	6.47	0.14	0.72	99.36	99.20
11	3.50	0.14	0.72	100.00	100.00
12	-	-	-	100.00	100.00
13	-	-	-	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	1.14	100.00	100.00		

estimated number of  
operational holding (00)

x 730 x

estimated area operated  
(00 hectares)

x x 836

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

State : Manipur

Region : Plains

Rural

Number of sample villages : 46

number of sample households : 427

size class oper- ational holding (code)	estimated number of holdings (%)	owned area	percentage of holdings reporting leased in area						under any term
			for fixed money	for fixed produce	for care of produce	under writhe- ten mortgage	other terms		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	97	100.00	-	-	-	-	3.09	3.09	
2	68	100.00	-	-	-	-	17.65	17.65	
3	12	100.00	-	-	-	-	41.67	41.67	
4	179	94.97	-	15.03	2.79	-	37.59	55.86	
5	262	92.75	-	11.45	1.14	-	53.05	65.64	
6	83	100.00	-	9.63	-	-	63.86	73.48	
7	18	100.00	5.56	11.11	5.56	-	44.44	66.67	
8	6	100.00	-	-	-	-	33.33	33.33	
9	3	100.00	-	-	-	-	66.67	66.67	
10	1	100.00	-	-	-	-	-	-	
11	1	100.00	-	100.00	-	-	-	100.00	
12	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	
all sizes	730	961.6	0.14	9.31	1.23	-	40.00	50.63	

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

State : Manipur

Region : Plains

Rural

number of sample villages : 48

number of sample households : 427

size class of opera- tion I holding (code)	estimated area operated (in hectares)	owned area	percentage of operated area					total
			for fixed money	for fixed produce	for share of produce	under fru- itary terms	other terms	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	8	95.45	-	-	-	-	4.54	4.54
2	20	86.27	-	-	-	-	13.72	13.72
3	5	71.43	-	-	-	-	28.57	28.57
4	125	61.36	-	9.74	2.28	-	26.62	36.64
5	373	54.79	-	6.65	0.22	-	36.34	45.21
6	139	53.75	-	4.71	-	-	41.54	46.25
7	60	70.47	2.60	3.36	3.36	-	20.13	29.53
8	27	78.46	-	-	-	-	21.54	21.54
9	17	47.62	-	-	-	-	52.30	52.30
10	6	100.00	-	-	-	-	-	-
11	6	87.50	-	12.50	-	-	-	12.50
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	836	59.17	0.19	5.80	0.68	-	34.16	40.83

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

State : Manipur

Region : Plains

Rural

Number of sample villages : 48

number of sample households : 427

size class of operational holding (code)	number of operational holdings (00) (1)	percentage of holdings		area operated (00 hectares) (5)	percentage of area operated	
		individual (3)	joint (4)		individually (6)	jointly (7)
1	97	100.00	-	0	100.00	-
2	66	100.00	-	20	100.00	-
3	12	100.00	-	5	100.00	-
4	179	100.00	-	125	100.00	-
5	262	100.00	-	373	100.00	-
6	83	100.00	-	189	100.00	-
7	18	100.00	-	60	100.00	-
8	6	100.00	-	27	100.00	-
9	3	100.00	-	17	100.00	-
10	1	100.00	-	6	100.00	-
11	1	100.00	-	6	100.00	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
all sizes	730	100.00	-	836	100.00	-

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

State : Manipur

Region : Plains

Rural

Number of sample villages : 48

number of sample households : 427

Size class of operational holding (code)	number of operational holdings (00)	percentage of holdings reporting attached farm workers	average number of farm workers per reporting holding during major crop season	average number of farm workers per reporting holding during major crop season				
				autumn	winter	spring	summer	perennial
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	97	-	-	-	-	-	-	-
2	68	5.88	1.00	-	1.00	-	-	-
3	12	-	-	-	-	-	-	-
4	179	1.68	1.00	-	1.00	-	-	-
5	262	4.20	2.18	-	2.18	-	-	-
6	83	3.61	1.33	-	1.33	-	-	-
7	16	5.56	3.00	-	3.00	-	-	-
8	6	-	-	-	-	-	-	-
9	3	33.33	2.00	-	2.00	-	-	-
10	1	-	-	-	-	-	-	-
11	1	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	730	3.15	1.74	-	1.74	-	-	-

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

Region : Hills

Rural

State : Manipur

Number of sample villages : 48

number of sample households : 361

Size class of household ownership holding (code)	estimated number of households (xx)			estimated area owned (00 hectares)			estimated household size			Rural
	sub-sample 1		sub-sample 2	sub-sample 1		sub-sample 2	combined	sub-sample 1	sub-sample 2	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-	39	20	-	-	-	-	-	5.41	5.41
1	17	31	24	1	2	2	2	5.71	4.97	5.21
2	14	25	19	4	7	6	6	2.71	3.32	3.11
3	24	26	25	11	11	11	11	3.67	3.62	3.64
4	126	225	175	105	167	136	136	5.52	5.30	5.39
5	122	140	131	147	189	160	160	6.55	6.89	6.73
6	25	34	29	51	77	64	64	7.32	7.47	7.41
7	4	6	5	15	21	18	18	8.50	9.50	9.00
8	2	3	3	8	15	11	11	7.00	6.33	6.60
9	-	-	-	-	-	-	-	-	-	-
10	1	-	1	6	-	3	3	12.00	-	12.00
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	1	1	-	15	7	7	-	10.00	10.00
14	-	-	-	-	-	-	-	-	-	-
all sizes	335	530	433	348	504	426	426	5.85	5.74	5.76

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

State : Manipur

Region : Hills

Rural

Number of sample villages : 48

number of sample households: 361

size class of household ownership holding (code)	average area owned by household (hectares)	percentage of households	percentage of area owned	cumulative percentage of households	cumulative percentage of area owned
(1)	(2)	(3)	(4)	(5)	(6)
0	-	4.62	-	4.62	-
1	0.07	5.54	0.37	10.16	0.37
2	0.30	4.39	1.32	14.55	1.69
3	0.44	5.77	2.56	20.32	4.25
4	0.77	40.42	31.97	60.74	36.22
5	1.28	30.26	39.42	91.00	75.64
6	2.22	6.70	15.08	97.70	90.72
7	3.56	1.15	4.17	98.85	94.09
8	4.53	0.69	2.65	99.54	97.54
9	-	-	-	99.54	97.54
10	6.00	0.23	0.66	99.77	98.20
11	-	-	-	99.77	98.20
12	-	-	-	99.77	98.20
13	14.97	0.23	1.80	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	0.98	100.00	100.00		
estimated number of households (00)	x	433	x		
estimated area owned (00 hectares)	x	x	426		
average area owned by land owning households(hectares)	1.03	x	x		

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

State : Manipur		Region : Hills							Rural	
Number of sample villages : 49		Number of sample hhs							No. : 361	
Size class of household ownership holding (code)	Estimated no. of households (10)	Percentage of households leasing out land			Estimated area owned (in acres)	Percentage of area leased out			Area	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1	24	-	-	4.16	4.16	2	-	-	.00	50.00
2	19	-	-	-	-	6	-	-	-	-
3	25	-	-	-	-	11	-	-	-	-
4	175	-	1.14	1.14	2.27	136	-	1.	1.10	2.36
5	131	-	-	3.01	3.01	160	-	-	1.20	1.20
6	29	-	-	31.03	31.03	61	-	-	10.69	10.69
7	5	-	20.00	0.00	20.00	10	-	.41	3.41	6.02
8	3	-	33.33	33.33	66.66	11	-	3.21	3.57	26.70
9	-	-	-	-	-	-	-	-	-	-
10	-1	-	-	-	-	3	-	-	-	-
11	-	-	-	-	-	-	-	-	31.57	31.57
12	-	-	-	-	-	4	-	-	31.57	31.57
13	-1	-	-	0.00	0.00	7	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	413	-	0.97	4.36	5.33	426	-	1.14	3.51	4.65

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

State : Manipur.

Region : Hills..

Rural

Number of sample villages : 48

Number of sample households : 361

size class house- hold owning hold ing (%)	estim tota no. of house- holds (%)	percentage of households leasing in land for fixed pro- duce	percentage of households leasing in land for fixed share of pro- duce	percentage of households leasing in land under usuf- racy	estimated area owned (in hectare)	percentage of area leased in for fixed share of pro- duce	percentage of area leased in for fixed share of pro- duce	percentage of area leased in under usuf- racy	percentage of area leased in other terms	total area leased				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0*	20	-	-	10.00	-	85.00	25.00	-	-	-	2	-	9	11
1	24	-	41.66	0.33	-	4.16	50.00	2	-	475.00	50.00	-	50.00	575.00
2	19	-	10.52	-	-	10.53	21.05	6	-	42.05	-	-	14.28	57.13
3	25	-	-	-	-	4.00	4.00	11	-	-	-	-	7.40	7.40
4	175	-	1.70	-	-	3.97	5.11	136	-	1.43	-	-	2.37	3.05
5	131	-	2.29	-	-	0.76	3.05	160	-	1.44	-	-	1.20	2.64
6	29	-	-	-	-	3.44	3.44	64	-	-	-	-	1.25	1.25
7	5	-	-	-	-	-	-	16	-	-	-	-	-	-
8	3	-	-	-	-	-	-	14	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	1	-	-	-	-	-	-	3	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	1	-	-	-	-	0.00	0.00	7	-	-	-	-	42.10	42.10
14	*	-	-	-	-	-	-	-	-	-	-	-	-	-
all sizes	433	-	4.16	0.92	-	6.93	11.55	426	-	3.42	0.57	-	4.93	8.92

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

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

State : Manipur

Region : Hills

Rural

No. of sample villages : 40

number of sample households: 361

Class of house- hold operational holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated household size		
	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	3	30	16	-	-	-	3.00	4.10	3.70
0.1	3	17	10	-	-	-	-	-	-
0.2	-	13	6	-	-	-	-	-	-
1	-	7	3	-	1	1	-	6.00	6.00
2	10	21	20	7	7	7	2.56	3.00	2.75
3	20	20	20	12	12	12	4.36	3.14	3.75
4	137	233	185	112	177	145	5.61	5.49	5.40
5	121	167	144	149	227	100	6.64	6.94	6.82
6	22	32	27	47	74	60	7.50	7.20	7.37
7	4	9	7	15	31	23	7.25	8.56	7.57
8	-1	-2	1	4	9	6	5.00	6.50	6.00
9	-	-	-	-	-	-	-	-	-
10	-1	-	1	6	-	3	12.00	-	12.00
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-1	-1	-	16	0	-	10.00	10.00
14	-	-	-	-	-	-	-	-	-
all sizes	355	530	433	352	554	453	5.85	5.74	5.70

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

State : Manipur

Region : Hills

Rural

number of sample villages : 40

number of sample households: 361

size class of house- hold operational holding (code)	average area operated by household (hectares)	percentage of households	area operated	cumulative percentage of households	cumulative percentage of area operated
(1)	(2)	(3)	(4)	(5)	(6)
0	-	3.70	-	3.70	-
1	0.10	0.69	0.09	4.39	0.69
2	0.23	4.61	1.25	9.00	1.34
3	0.43	6.47	2.60	15.47	4.02
4	0.73	42.72	31.99	50.19	35.92
5	1.31	33.26	41.66	91.45	77.50
6	2.26	6.24	13.49	97.69	91.07
7	3.29	1.62	5.09	99.31	96.16
8	4.32	0.23	1.43	99.54	97.59
9	-	-	-	99.54	97.59
10	6.00	0.23	0.71	99.77	98.30
11	-	-	-	99.77	98.30
12	-	-	-	99.77	98.30
13	15.73	0.23	1.70	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	1.04	100.00	100.00		
estimated number of households(00)	x	433	x		
estimated area opera- ted (in hectares)	x	x	453		
average area operated by 1.a nd operating households	1.09	x	x		

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

State : Manipur

Region : Hills

Rural

number of sample villages : 40

number of sample households : 361

size class of household operational holding; (code)	number (0.00) of cattle owned per 100 households								total	
	calves over 3 years			females over 3 years			young stock			
	working	others	sub-total	in milk	others	sub-total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
0	29.41	17.65	47.06	41.13	5.28	47.06	29.41	123.53		
1	-	-	-	-	-	-	-	-	-	
2	-	-	-	10.00	-	10.00	20.00	30.00		
3	35.71	-	35.71	7.14	-	7.14	14.20	57.13		
4	14.59	5.40	19.99	17.30	13.51	30.81	12.97	63.77		
5	39.50	26.39	65.97	37.50	34.23	71.53	46.53	134.03		
6	85.19	11.11	96.30	37.04	11.11	40.15	51.05	196.30		
7	85.71	-	85.71	100.00	14.20	114.20	114.20	314.27		
8	200.00	-	200.00	200.00	-	200.00	200.00	600.00		
9	-	-	-	-	-	-	-	-		
10	200.00	-	200.00	-	-	-	100.00	300.00		
11	-	-	-	-	-	-	-	-		
12	-	-	-	-	-	-	-	-		
13	600.00	-	600.00	100.00	-	100.00	400.00	1100.00		
14	-	-	-	-	-	-	-	-		
all sizes	51.18	12.47	43.65	26.79	10.24	45.03	30.25	110.93		

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

State : Manipur		Region : Hills							Rural	
number of sample villages : 43									number of sample households : 361	
size class of household operational holding (code)	number (0.00)	of buffaloes owned per 100 households							number of cattle and buffaloes per 100 house- holds(0.00)	
		males over 3 years	females over 3 years	young stock	total					
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
0	23.53	-	23.53	-	-	-	-	23.53	147.06	
1	-	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	30.00	
3	-	7.14	7.	-	-	-	-	7.14	64.27	
4	0.65	4.86	13.	3.24	15.14	13.30	10.01	42.70	106.47	
5	19.44	20.14	39.	12.50	20.03	33.33	2.00	74.99	259.02	
6	43.15	3.70	51.	25.92	40.74	66.66	44.44	162.95	350.25	
7	42.86	42.86	85	14.20	57.14	71.42	20.57	185.71	499.98	
8	100.00	-	100	100.00	-	100.00	-	200.00	000.00	
9	-	-	-	-	-	-	-	-	-	
10	100.00	-	100.00	-	-	-	-	100.00	400.00	
11	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	1100.00	
14	-	-	-	-	-	-	-	-	-	
all sizes	15.24	10.16	25.40	7.62	16.06	24.43	0.54	50.42	177.35	

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

State : Manipur

Region : Hills

Rural

No. of sample villages : 48

number of sample households : 361

size class of household operational holding (code)	number(0.00) of cattle owned per 100 hectares of operated area								
	males over 3 years			females over 3 years			young stock	total	
	working	other	sub-total	in milk	others	sub-total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
0*	5	3	8	7	1	0	5	31	
1	-	-	-	-	-	-	-	-	
2	-	-	-	35.29	-	35.29	70.60	105.89	
3	32.36	-	32.36	16.40	-	16.40	32.94	131.70	
4	18.60	6.92	25.60	22.14	17.30	39.44	16.60	81.64	
5	30.22	20.14	50.36	20.64	26.00	54.64	35.53	140.53	
6	37.63	4.92	42.55	16.36	4.92	21.20	22.91	86.74	
7	26.02	-	26.02	30.34	4.32	34.66	34.67	95.35	
8	30.09	-	30.09	30.09	-	30.09	30.09	92.67	
9	-	-	-	-	-	-	-	-	
10	65.90	-	65.90	-	-	-	32.94	90.84	
11	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	
13	30.00	-	30.00	6.33	-	6.33	25.35	69.60	
14	-	-	-	-	-	-	-	-	
all sizes	29.00	11.91	41.71	25.64	17.44	43.00	20.94	113.73	

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

TABLE ( 3 ) CONTD: ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HECTARES  
OF OPERATED AREA BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Manipur		Region : Hills							Rural
		number of sample households : 361							
size class of operational holding (code)	number (0.00) of males over 3 years working others	of buffaloes owned per 100 hectares of operated area			number of cattle and buffaloes owned per 100 hectares of operated area(1.1.)			(10)	
		males over 3 years	females over 3 years	young stock	total	sub-total	in milk		
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0*	4	-	4	-	-	-	-	4	25
1	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	105.09
3	-	16.40	16.40	-	-	-	-	16.40	143.26
4	11.07	6.23	17.30	4.15	19.37	23.52	13.04	54.66	136.30
5	14.05	15.37	30.22	9.54	15.91	25.45	1.50	57.25	197.70
6	21.20	1.63	22.91	11.46	17.99	29.45	19.64	72.00	97.46
7	13.00	13.00	26.30	4.32	17.35	21.67	3.67	30.60	125.95
8	15.44	-	15.44	15.44	-	15.44	-	30.88	123.55
9	-	-	-	-	-	-	-	-	-
10	32.94	-	32.94	-	-	-	-	32.94	131.70
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	69.60
14	-	-	-	-	-	-	-	-	-
all sizes	14.50	9.71	24.29	7.29	16.11	23.40	8.18	55.87	169.60

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

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

State : Manipur

Region : Hills

Rural

number of sample villages : 40

number of sample households : 361

size class of household operational holding (code)	number of households (00)	percentage of households not having working animals		percentage of households not having any working cattle or buffaloes (5)
		cattle	buffaloes	
(1)	(2)	(3)	(4)	(5)
0	16	32.35	.88.24	77.39
1	3	100.00	100.00	100.00
2	20	100.00	100.00	100.00
3	20	70.57	100.00	70.57
4	105	92.97	92.97	85.40
5	144	81.94	84.03	66.67
6	27	70.57	77.78	51.35
7	7	42.86	42.86	28.57
8	1	100.00	100.00	100.00
9	-	-	-	-
10	1	-	100.00	-
11	-	-	-	-
12	-	-	-	-
13	1	-	100.00	-
14	-	-	-	-
all sizes	433	85.91	88.91	75.75

TABLE ( 12 ) : ESTIMATED NUMBER OF LIVESTOCK ( OTHER THAN CATTLE AND BUFFALOS ) AND POULTRY OWNED PER 100 HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Manipur

Region : Hills

Rural

No. of sample villages : 46

number of sample households : 361

Size class of household operational holding ( in ha )	number per 100 households							pigs	poultry
	sheep	goats	horse & ponies	mules	donkeys	camels	other draught animals		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-	-	-	-	-	-	-	5.00	335.29
1	-	-	-	-	-	-	-	-	1066.67
2	-	35.70	-	-	-	-	-	60.00	560.00
3	-	-	-	-	-	-	-	120.57	667.86
4	-	4.06	-	-	-	-	-	117.30	908.65
5	-	-	-	-	-	-	-	162.50	1009.03
6	-	-	-	-	-	-	-	120.26	935.10
7	-	14.20	-	-	-	-	-	57.14	720.57
8	-	100.00	-	-	-	-	-	200.00	1000.00
9	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	1200.00
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	300.00	5000.00
14	-	-	-	-	-	-	-	-	-
all sizes	-	4.16	-	-	-	-	-	127.25	896.07

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

Region : Hills

Rural

State : Manipur

number of sample villages : 40

number of sample households: 361

size class of household operational holding (code)	number (0.00) of agricultural machinery owned per 100 households							tractors			
		ploughs wooden	ploughs iron	harrowa	seed drills	sprayers	cutters	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
0	23.53	-	5.00	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-
3	46.43	-	7.14	7.14	-	-	-	-	-	-	-
4	21.62	-	4.86	-	-	-	-	-	-	-	-
5	52.78	-	19.44	-	-	-	-	-	-	-	-
6	85.18	-	37.04	-	3.70	-	-	-	-	-	-
7	100.00	-	20.57	-	-	-	-	-	-	-	-
8	200.00	-	300.00	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	300.00	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
13	300.00	-	300.00	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-
all sizes	30.00	-	12.93	0.46	0.23	-	-	-	-	-	-

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

State : Madhya Pradesh

Region : Hills

Rural

Number of sample villages : 48

number of sample households : 361

Size class of household operational holding (code)	number (0.00) threshers	of agricultural machinery owned per 100 households						number of sample households : 361
		pumps	electric	diesel	other	cane crushers	oil crushers	
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(12)
0	-	-	*	-	-	-	-	141.43
1	-	-	-	-	-	-	-	-
2	25.00	-	-	-	-	-	-	270.00
3	39.29	-	-	-	-	-	-	392.14
4	65.40	-	-	-	-	-	-	452.43
5	16.67	-	-	-	-	-	-	603.47
6	22.22	-	-	-	-	-	-	700.00
7	23.57	-	-	-	-	-	-	700.00
8	-	-	-	-	-	-	-	200.00
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	1000.00
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	39.03	-	-	-	-	-	-	493.30

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

Region : Hills

Rural

S. No : Nemiyur

Number of sample villages : 46 (0.00)

number of sample households: 361

Size class of household holding (in ha.)	estimated number of agricultural machinery per 100 hectares of operated area				estimated area operated per tractor (0.00 hectares)					h.p. not available	SI
	Ploughs		harrowes	seed drills	less than 10. h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above			
	wooden	iron									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-
3	107.07	-	16.48	16.48	-	-	-	-	-	-	-
4	27.68	-	6.23	-	-	-	-	-	-	-	-
5	40.30	-	14.85	-	-	-	-	-	-	-	-
6	37.63	-	16.36	-	-	-	-	-	-	-	-
7	30.34	-	8.67	-	-	-	-	-	-	-	-
8	3.89	-	46.33	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	43.42	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
13	19.00	-	12.68	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-
all sizes	37.09	-	12.36	0.44	-	-	-	-	-	-	-

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

State : Manipur

Region : Hills

Rural

Number of sample villages : 48

number of sample households : 361

size class of household operational holding (code)	number of households (00)	percentage of households reporting			pumps	diesel	other
		ploughs wooden	ploughs iron	neither wooden nor iron plough			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	16	23.53	-	76.47	-	-	-
1	3	-	-	100.00	-	-	-
2	20	-	-	100.00	-	-	-
3	26	32.14	-	67.86	-	-	-
4	105	16.22	-	83.78	-	-	-
5	144	40.28	-	59.72	-	-	-
6	27	55.56	-	44.44	-	-	-
7	7	57.14	-	42.86	-	-	-
8	1	100.00	-	-	-	-	-
9	-	-	-	-	-	-	-
10	1	100.00	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	1	100.00	-	-	-	-	-
14	4	-	-	-	-	-	-
all sizes	433	20.18	-	71.82	-	-	-

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

Region : Hills

Rural

State : Manipur

Number of sample villages : 46

number of sample households : 361

Size class of household operational holding (in lakhs) number (0.00) of non-farm business equipments owned per 100 households

0.00 - 0.49

0.50 - 0.99

1.00 - 1.49

1.50 - 1.99

handlooms  
silk-autos  
motor cycles  
etc.

Crinching  
grinding  
and boiling  
equipments

Foodstuffs  
and other  
accessories  
used in spinning  
and weaving

Khemis

Oil-mills  
(power-driven)  
rice milling  
and pounding  
equipments

flour milling  
and grinding  
equipments

Ginning  
machines

Other  
equipments

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	14.20	-	-	-	-
4	-	-	-	-	-	3.70	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	14.01	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	1.05	-	-	3.46	-	-	-	-	-	-

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

**State : Mysore**

Region : Hill's

સુધી

number of sample villages: 40

number of sample households 361

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

Region : Hills

Rural

State : Manipur

number of sample villages : 40

number of sample households: 361

size class of household operational holding (code)	number(0.00) of transport equipments owned per 100 households									others
	boats	motor cars	cart	bicycles	motor cycles/ scooters	trucks	trailers	passenger buses	(10)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
0	-	-	-	5.80	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	2.16	-	-	1.00	-	-	-	-	-	-
5	-	-	4.17	5.56	-	-	-	-	-	13.52
6	-	-	11.11	11.11	-	-	-	-	-	-
7	14.20	-	14.20	-	-	-	-	-	-	-
8	-	-	-	100.00	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	100.00	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	100.00	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	1.16	-	2.31	3.46	-	-	-	-	-	1.16

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

State : Manipur

Region : Hills

Burn

number of sample villages : 43

number of sample households : 361

size class of total value of size asset per household operational holding (code)	total value of size asset per household (Rs.00)	value of assets per 100 hectares of operated area (Rs.00)	value of assets per 100 hectares of operated area (Rs.00)	percentage share of cattle	percentage share of buffaloes	percentage share of other live-st. &c	percentage share of agricultural machinery	percentage share of non-farm business equipments	percentage share of transport equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	6229	36641	6229*	59.00	20.10	5.10	2.70	3.02	1.12
1	464	15167	46100	-	-	24.57	-	75.45	-
2	3335	16675	47643	19.94	-	67.60	11.60	0.70	-
3	10932	39221	91517	29.00	4.79	53.93	10.70	1.50	-
4	92600	50097	63917	26.75	27.54	34.56	9.34	0.40	1.41
5	139634	90718	69406	41.30	30.70	20.50	5.03	0.13	2.00
6	36136	134022	6031	35.12	41.62	14.50	4.10	0.50	4.01
7	11643	166329	50622	37.10	44.31	8.25	4.34	0.13	5.04
8	2136	210600	56433	46.09	34.77	10.30	2.24	-	5.72
9	-	-	-	-	-	-	-	-	-
10	1129	112900	57633	40.20	35.43	15.59	3.63	-	11.07
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	1395	139500	17430	64.52	-	20.67	1.09	-	5.73
14	-	-	-	-	-	-	-	-	-
all sizes	296063	62560	655337	35.67	30.07	25.10	6.42	0.53	2.21

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

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

State : Manipur

Number of sample villages : 40

Regions : Hills

Rural

number of sample households : 31

size class of operational holding (code)	estimated number of operated holdings (00)			estimated area operated (00 hectares)			Rural (7)
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined	
(1)	(2)	(3)	(4)	(5)	(6)		
1	-	7	3	-	1	1	1
2	10	21	20	7	7	7	7
3	23	20	20	12	12	12	12
4	137	233	105	112	177	145	
5	121	167	144	149	227	188	
6	22	32	27	47	74	60	
7	4	9	7	15	31	23	
8	1	2	1	4	9	6	
9	-	-	-	-	-	-	3
10	1	-	1	6	-	-	1
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	0
13	-	1	0	-	16	-	-
14	-	-	-	-	-	-	-
all sizes	332	500	416	352	554	453	

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

State : Madhya Pradesh		Regions : Hills		Rural	
number of sample villages : 43				number of sample households : 361	
size class of operational holding (code)	average area of an operational holding (hectares)	percentage of operational holdings	area operated	cumulative percentage of operational holdings	cumulative percentage of area operated
(1)	(2)	(3)	(4)	(5)	(6)
1	0.14	0.72	0.09	0.72	0.09
2	0.35	4.80	1.25	5.52	1.34
3	0.43	6.73	2.69	12.25	4.02
4	0.70	44.40	31.00	56.75	35.92
5	1.31	34.62	41.66	91.35	77.50
6	2.22	6.49	13.49	97.84	91.07
7	3.23	1.50	5.09	99.52	96.16
8	4.50	0.24	1.43	99.76	97.59
9	-	-	-	99.76	97.59
10	6.00	0.24	0.71	100.00	98.30
11	-	-	-	100.00	98.30
12	-	-	-	100.00	98.30
13	16.00	0.00	1.70	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	1.09	100.00	100.00		
estimated number of operational holdings (00)	x	416	x		
estimated area operated (00 hectares)	x	x	453		

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

State : Manipur			Region : Hills			Rural		
						number of sample households : 361		
size class of operational holding (code)	estimated number of holdings (?)	owned area	percentage of holding reporting					
			for fixed money	for fixed produce	for share of produce	under usufructuary regime	other terms	under any term
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	3	100.00	-	-	-	-	-	-
2	23	90.00	-	10.00	-	-	10.00	20.00
3	28	92.86	-	-	-	-	7.14	7.14
4	185	96.22	-	1.08	2.16	-	5.95	9.19
5	144	100.00	-	6.25	-	-	6.94	13.19
6	27	100.00	-	14.81	-	-	3.70	18.51
7	7	100.00	-	14.28	-	-	14.28	14.28
8	1	100.00	-	-	-	-	100.00	100.00
9	-	-	-	-	-	-	-	-
10	1	100.00	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	0	100.00	-	-	-	-	100.00	100.00
14	-	-	-	-	-	-	-	-
all sizes	416	97.60	-	4.33	0.96	-	6.73	11.79

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

State : Manipur

Region : Hills

Fural

number of sample villages : 48

number of sample households : 361

size class of operational holding (code)	estimated area operated (in hectares)	owned	percentage of operated area						other terms	total		
			leased in:			for share of produce	under usu- fructuary agreements					
			for fixed money	for fixed produce	for share of produce							
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)		
1	1	100.00	-	-	-	-	-	-	-	-		
2	7	65.71	-	7.14	-	-	-	-	7.14	11.29		
3	12	93.33	-	-	-	-	-	-	6.67	6.67		
4	145	93.00	-	0.56	1.66	-	-	-	4.76	7.00		
5	188	90.99	-	4.91	-	-	-	-	4.07	9.01		
6	60	90.07	-	7.95	-	-	-	-	1.93	9.93		
7	23	65.96	-	7.02	-	-	-	-	7.02	14.04		
8	6	67.50	-	-	-	-	-	-	12.50	12.50		
9	-	-	-	-	-	-	-	-	-	-		
10	3	100.00	-	-	-	-	-	-	-	-		
11	-	-	-	-	-	-	-	-	-	-		
12	-	-	-	-	-	-	-	-	-	-		
13	8	57.89	-	-	-	-	-	-	42.11	42.11		
14	-	-	-	-	-	-	-	-	-	-		
all sizes	453	90.71	-	3.75	0.51	-	-	-	5.00	9.29		

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

State : Manipur

Region : Hills

Rural

Number of sample villages : 48

Number of sample households: 361

size class of operational holding (code)	number of operational holdings (0.)	percentage of holdings individual	percentage of holdings joint	area operated (00 hectares)	percentage of area operated individually	percentage of area operated jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	3	100.00	-	1	100.00	-
2	20	100.00	-	7	100.00	-
3	23	100.00	-	12	100.00	-
4	135	100.00	-	145	100.00	-
5	144	100.00	-	100	100.00	-
6	27	100.00	-	60	100.00	-
7	7	100.00	-	23	100.00	-
8	1	100.00	-	6	100.00	-
9	-	-	-	-	100.00	-
10	1	100.00	-	3	100.00	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	0	100.00	-	3	100.00	-
14	-	-	-	-	-	-
all sizes	416	100.00	-	453	100.00	-

TABLE ( 2 ) . • AVERAGE NUMBER OF ATTACHED FARM WORKERS PER OPERATIONAL HOLDING ( REPORTING )  
FOR DIFFERENT MAJOR AGRICULTURAL SEASONS BY SIZE CLASS OF OPERATIONAL HOLDING

State : Manipur

Region : Hills

Rural

Number of sample villages : 46

number of sample households: 361

size class of operational holding ( code )	number of holdings ( 00 )	percentage of holdings reporting attached farm workers	average number of farm workers as per reporting holding during major crop season	average number of farm workers per reporting holding during major crop season	autumn + new spring + summer + perennial				
( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	
1	3	-	-	-	-	-	-	-	-
2	20	-	-	-	-	-	-	-	-
3	28	14.28	2.00	0.50	2.00	-	-	-	-
4	185	2.16	1.75	1.75	-	-	-	-	-
5	144	4.86	2.43	2.00	2.50	-	-	-	-
6	27	11.11	2.33	4.00	1.50	-	-	-	-
7	7	14.28	4.00	-	4.00	-	-	-	-
8	1	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-
10	1	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	6	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes . . .	416	4.57	2.26	2.12	2.36	-	-	-	-