

NATIONAL SAMPLE SURVEY

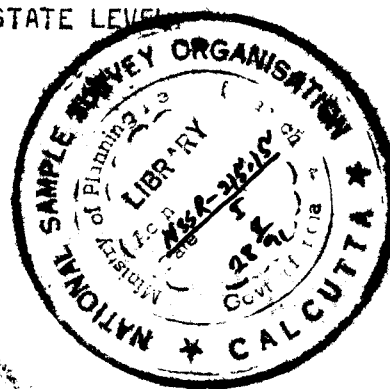
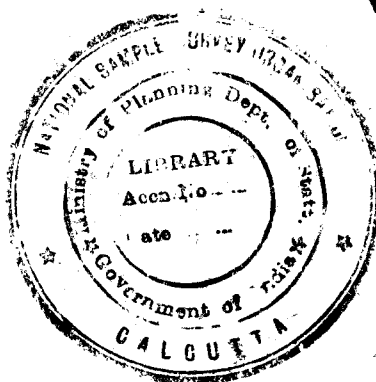
TWENTYSIXTH ROUND : JUL 1971 - SEP 1972

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TABLES ON LAND HOLDINGS AT STATE LEVEL

STATE : ORISSA

VOLUME I



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

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C O N T E N T S

		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) urban & rural	15 - 38
	ii) urban	39 - 63
	iii) rural	65 - 90

SEE ERRATA AT THE END

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

Introduction

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

Period of the survey

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

Geographical coverage

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

Participation of States

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

Schedules prescribed

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

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 trans- actions of assets and liabilities during Jul 71 to Dec. 71
3.	Jul 72 to Sep 72	Schedules 18.3 (R) 18.3 (U)	Production and sale of crops, receipts from non-farm business and liabilities during Jan 72 to Jun 72

6. As will be seen from the above, data on land holdings were collected through schedules 18.1(R) and 18.1(U) during the first visit from Jul 1971 to Dec 1971. Schedules 18.2 (R & U) and 18.3 (R & U) were meant for obtaining information relating to debt and investment situation for 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 circular systematically with equal probability in the form of two independent interpenetrating sub-samples. The sampling design for the urban area too was a stratified two-stage one with urban blocks as the first stage units. The sample blocks were also selected systematically with probability proportional to size in the form of two independent and interpenetrating samples. The second stage units in the case of rural and urban sectors each, were households.

8. For the purpose of stratification in the rural areas, the country was first divided into 66 agricultural regions by grouping, within each State or Union Territory, districts having similar population density and crop pattern. Strata were formed in each region by grouping tehsils, which were (1) contiguous (2) having similar crop pattern and population density and (3) having good transport facilities amongst them. In all, there were 350 strata; and within each stratum two independent sub-samples of 12 villages each were selected. In each sub-samples, 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 of points among the remaining three sub-strata were made roughly by equalising area operated among them. These points varied generally from one region to another even within a State. Further, in

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

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

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

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

Item coverage

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

- i) demographic and activity particulars of the members of 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 the members of the household gives the total of the land leased in by the household as a whole.
- iv) Land leased out: Land given out on lease to others by owners of the land is defined as land leased out. The aggregate of the land leased out by all the members of the household constitutes the total of land leased out by the household as a whole.
- v) Land possessed: Land owned by the household together with land leased in by it minus land leased out by it constitutes the land possessed by the household.
- vi) Agricultural labour: A person is considered to be an agricultural labour if he follows one or more of the following agricultural occupations in the capacity of labourer on hire or on exchange:- (a) farming, (b) dairy farming, (c) production of any horticulture commodity, (d) raising of livestock, bees or poultry, and (e) any work performed on a farm in connection with the farm operations.
- vii) Parcel: A parcel is all land surrounded by land of other holdings or by land not forming part of any holding. It might consist of one or more cadastral units, plots or fields.
- viii) Land holding: Household 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.....~~

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 probed into for arriving at the number of operational holdings. Thus, more than one 'person' (signifying distinct management/direction/operation) who operate will not be considered to have the same technical unit, even if most of the technical resources used by them are the same. On the other hand under the same 'person' there could be more than one operational holding provided there are distinct technical units.

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

(a) land put to non-agricultural uses only such as house sites etc.,

and

(b) co-operative farms.

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

Reference period

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

Results presented

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

17. In all, 21 tables were prescribed. These covered items like size of holdings, household ownership of holdings (also landless households), household operational holdings, particulars of area leased in and area leased out, inventory of livestock, farm machinery, other equipments 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,

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 of State level. In volume-II are given similar tables but with estimates at regional level.

20. The results presented here are in respect of Orissa. The state consists of three regions viz., (1) Coastal, (2) Southern and (3) Northern. The names of the districts with in each region are as below :-

Sl. No.	Name of the region	Composition of the region (districts)
(1)	(2)	(3)
1.	Coastal	Balasore, Cuttack, Ganjam (Plains) and Puri.
2.	Southern	Baudh Khondhals, Ganjam (Agency), Kalahandi and Koraput.
3.	Northern	Bolangir, Dhenkanal, Keonjhar, Mayurbhanj, Sambalpur and Sundergarh.

Note on Estimates of Aggregates

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

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

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

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

households are expected to be slightly higher than the Census figure and this indeed found to be true at the all-India level. But larger plus differences and the minus differences must be mainly due to the sampling errors to which the NSS estimates are subject.

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

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

- (i) 'area sown' by the non-household sector like co-operative 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 down-ward pull to the NSS estimates.
- (ii) Area under each of the land use classification (viz., forest, land put to non-agricultural uses, barren and unculturable land, permanent pastures and other grazing land, land under miscellaneous tree crops, culturable waste, fallow land other than current fallow and current fallow) is included in the NSS estimates of area operated whenever such area formed part of an operational holding which is used partly for agricultural production, whereas these are wholly excluded from the 'net area sown' figures. This gives considerable upward pull to the NSS estimates.

(ii)

(iii) There is also difference in the agency adopted. In the case of all States excepting Kerala, Orissa and West Bengal, Statistics on land classification are collected by the revenue agency through the land records. On the other hand, the NSS data on land holdings were collected through oral enquiries from the selected households by deploying trained investigators under adequate field supervision but without any reference to the land records.

(iv) In the case of Kerala, Orissa and West Bengal, Statistics of 'net area sown' are obtained not by complete enumeration through land records but estimated on the basis of sample surveys conducted by the State governments. To that extent both the estimates of 'net area sown' and the NSS 'area operated' are subject to sampling errors.

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

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

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

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

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

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

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

SL. No.	State/ Union Territory	No. of households (00)		Percent- age of N.S.S. estimate over census figures	Area (00 hectares)		Net area sown 1970-71 (from SASA)
		Estimate as per N.S.S.	As per 1971 census		N.S.S. estimate of owned area	Operated area	
	1	2	3	4	5	6	7
1	Andhra Pradesh	90128	88714	101.59	110758	106798	117348
2	Assam	22977	25046	91.74	18992	20071	22352
3	Bihar	92077	98379	93.59	76264	82373	84548
4	Gujarat	48111	46845	102.70	87333	88104	97359 [@]
5	Haryana	15364	15968	96.22	20734	23907	35650
6	Himachal Pradesh	4692	6542	71.72	5530	5852	5463
7	Jammu & Kashmir	6954	7635	91.08	6274	6491	6876
8	Karnataka	55351	52437	105.56	96302	102412	102482
9	Kerala	32937	35431	92.96	11754	12366	21717
10	Madhya Pradesh	72935	77403	94.23	174506	180752	184533
11	Maharashtra	105301	94328	111.63	188018	189265	176680
12	Manipur	1426	1826	78.09	1107	1298	1400 ^{\$}
13	Meghalaya	2111	2063	102.33	1884	1808	1430 [@]
14	Orissa	45121	41876	107.75	41455	42672	56015
15	Punjab	24407	23702	102.97	25332	28056	40528
16	Rajasthan	39012	45039	86.62	138138	139243	151790
17	Tamil Nadu	88442	85930	102.92	49259	49214	61692
18	Tripura	2027	2728	74.30	1587	1455	2400
19	Uttar Pradesh	171771	158969	108.05	163070	174406	173049
20	West Bengal	75120	80537	93.27	40480	43410	55420 [£]
21	Delhi	8352	7977	104.70	877	532	805
22	Goa	959	1658	57.84	143	266	1336 [*]
23	Pondicherry	548	909	60.29	131	193	315
ALL INDIA		1006123	1001941	100.42	1259928	1300944	1401188

@ Figures are provisional. \$ Figure is primarily based on State Crop Survey (Rice).

£ Figure relates to the year 1967-68. * Figure relates to the year 1960.

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

Sl. No.	State/ Union Territory	Percentage of N.S.S. estimate of operated area over 'net area sown'	Average operated area (0.00 hect.) per household	NSS estimate of operated area (00 hect.) based on census households	Percentage of col. 10 to col. 7
0	1	2	3	4	5
1	Andhra Pradesh	91.01	1.18	104682	89.21
2	Assam	89.80	0.87	21790	97.49
3	Bihar	97.43	0.89	87557	103.56
4	Gujarat	90.49	1.83	85726	88.05
5	Haryana	67.06	1.56	24910	69.87
6	Himachal Pradesh	106.12	1.25	8178	149.68
7	Jammu & Kashmir	94.40	0.93	7100	103.26
8	Karnataka	99.93	1.85	97008	94.66
9	Kerala	56.94	0.38	13464	61.95
10	Madhya Pradesh	97.95	2.48	191959	104.02
11	Maharashtra	107.12	1.80	169790	96.10
12	Manipur	92.71	0.91	1662	118.64
13	Meghalaya	126.43	0.86	1774	124.06
14	Orissa	76.18	0.94	39362	70.27
15	Punjab	69.23	1.15	27257	67.25
16	Rajasthan	91.73	3.57	160789	105.93
17	Tamil Nadu	79.97	0.58	48121	78.00
18	Tripura	60.62	0.72	1964	81.83
19	Uttar Pradesh	100.78	1.02	162148	93.70
20	West Bengal	78.33	0.58	46711	84.28
21	Delhi	66.09	0.06	479	59.38
2	Goa	19.91	0.28	464	34.73
3	Pondicherry	61.27	0.35	318	100.95
ALL INDIA		92.85	1.29	1292504	92.24

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

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

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

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

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

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

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

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

State	Extent of N.S.S. underesti- mation of households (%)	Percentage deviation from net area sown of		Absolute increase in the percentage deviation in col.14 from col.13
		N.S.S. oper- ated area	Operated area based on census households	
11	12	13	14	15
Himachal Pradesh	28.28	+7.12	+49.68	42.56
Bihar	6.41	-2.57	+ 3.56	0.99
Madhya Pradesh	5.77	-2.05	+ 4.02	1.97
Manipur	21.91	-7.29	+18.64	11.35

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

State	Extent of N.S.S. underesti- mation of households (%)	Percentage deviation from net area sown of		Absolute decrease in the percentage deviation in col.19 from col.18
		N.S.S. oper- ated area	Operated area based on census households	
16	17	18	19	20
Assam	8.26	-10.20	- 2.51	7.69
Haryana	3.78	-32.94	-30.13	2.81
Jammu & Kashmir	8.92	- 5.60	+ 3.26	2.34
Kerala	7.04	-43.06	-38.05	5.01
Rajasthan	13.38	- 8.27	+ 5.93	2.34
Tripura	25.70	-39.38	-18.17	21.21
West Bengal	6.73	-21.67	-15.72	5.95
Goa	42.16	-80.09	-65.27	14.82
Pondicherry	39.71	-38.73	+ 0.95	37.78

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

LIST OF TABLES

Description of table	Vol. I: State tables		Vol. II: Region tables (Rural)		
	Urban & Rural	Urban Rural	1	2	3
			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 distributions of households and of area owned by size class of household ownership holding.	16	40	66	92	113
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 (CONT.)

Description of table	Vol. I : State tables		Vol. II : Region tables (Rural)		
	Urban & Rural	Urban Rural	1	2	3
					Page Number
TABLE (5) : Estimated number of households, area operated and household size by size class of household operational holding.	19	43 69	95	121	147
TABLE (6) : Percentage and cumulative percentage distribution of households and of area operated by size class of household operational holding.	20	44 70	96	122	148
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	149
TABLE (8) : Estimated number of owned cattle owned buffaloes per 100 hectares of operated area by size class of household operational holding.	23	47 73	99	125	151
TABLE (9) : Percentage of households not having working cattle and buffaloes by size class of household operational holding.	25	49 75	101	127	153

LIST OF TABLES (CONTD.)

Description of table	Vol. I: State tables		Vol. II: Region tables (Rural)		Page Number	
	Urban & Rural	Urban Rural	Urban Rural	Region No.		
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	123	154
TABLE (11) : Estimated number of agricultural machinery owned per 100 households by size class of household operational holding.	27	51	77	103	129	155
TABLE (12) : Estimated number of agricultural machinery per 100 hectares of operated area and operated per tractor by size class of household operational holding.	29	53	79	105	131	157
TABLE (13) : Percentage of households reporting pumps and ploughs by size class of household operational holding.	30	54	80	106	132	158
TABLE (14) : Estimated number of non-farm business equipments owned per 100 households by size class of household operational holding. / presented	x	55	81	107	133	159

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

LIST OF TABLES (CONTD.)

Description of table	Vol. I: State tables		Vol. II: Region tables (Rural)			
	Urban & Rural	Urban	Rural	Region No.		
				1	2	3
TABLE (15) : Estimated number of transport equipments owned per 100 households by size class of household operational holding.	31	56	83	109	135	161
TABLE (16) : Percentage of s.ares of value of owned (i) cattle (ii) buffaloes (iii) other livestock (iv) agricultural machinery (v) non-farm business equipments (vi) transport equipments in the total value of all the six asset groups by size class of household operational holding.	32	57	84	110	136	162
TABLE (17) : Estimated number of operational holdings and area operated by size class of operational holding.	33	58	85	111	137	163
TABLE (18) : Percentage and cumulative percentage distribution of operational holding and area operated by size class of operational holding.	34	59	86	112	138	164

LIST OF TABLES (CONTD.)

Description of table	Vol. I: State tables		Vol. II: Region tables (Rural)		Page Number	
	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 area 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

SIZE CLASS OF HOLDING

<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 : Orissa	number of sample blocks/ : 324		estimated number of households (00)		estimated area owned (00 hectares)		number of sample households : 2196		Urban & Rural			
					sub-sample 1		sub-sample 2		sub-sample 1		sub-sample 2	
					(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	5595	6684	6140	-	-	-	3.29	3.05	3.16			
1	10009	13489	11749	429	600	514	4.41	4.70	4.57			
2	3578	3905	3741	1011	1128	1070	4.59	4.41	4.50			
3	2257	3812	3034	959	1659	1309	4.28	5.06	4.77			
4	5796	8710	7253	4363	6569	5466	5.50	5.06	5.23			
5	7628	7538	7583	11048	10548	10798	6.02	5.41	5.71			
6	3013	2402	2708	7199	5955	6577	6.91	5.87	6.45			
7	907	1483	1195	3074	5146	4110	6.07	6.30	6.22			
8	907	571	742	4063	2563	3313	6.16	7.75	6.78			
9	243	339	291	1375	1873	1624	7.07	8.17	7.71			
10	231	355	293	1538	2381	1959	9.13	8.30	8.63			
11	187	191	189	1652	1744	1698	8.24	5.98	7.10			
12	102	73	88	1099	780	940	8.40	9.51	8.82			
13	100	69	84	1535	1031	1283	9.56	8.93	9.36			
14	42	19	31	951	637	794	7.55	6.68	7.16			
all sizes	40595	49646	45121	48050	145514	41455	5.07	4.86	4.95			

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

size class of household ownership holding (code)	average area owned by household (hectares)	number of sample households : 2196		cumulative percentage of households area owned	
		percentage of households area owned	Urban & Rural		
(1)	(2)	(3)	(4)	(5)	(6)
0	-	13.61	-	13.61	-
1	0.04	26.04	1.24	39.65	1.24
2	0.29	8.29	2.58	47.94	3.82
3	0.43	6.72	3.16	54.66	6.98
4	0.75	16.07	13.18	70.73	20.16
5	1.42	16.81	26.05	87.54	46.21
6	2.43	6.00	15.86	93.54	62.07
7	3.44	2.65	9.91	96.19	71.98
8	4.46	1.64	7.99	97.83	79.97
9	5.58	0.64	3.92	98.47	83.89
10	6.69	0.65	4.73	99.12	88.62
11	8.98	0.42	4.10	99.54	92.72
12	10.68	0.20	2.27	99.74	94.99
13	15.27	0.19	3.09	99.93	98.08
14	25.61	0.07	1.92	100.00	100.00
all sizes	0.92	100.00	100.00		
estimated number of households (00)	x	45121	x		
estimated area owned (00 hectares)	x	x	x	41455	
average area owned by land owning households (hectares)	1.06	x	x		

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

State : Orissa	Urban & Rural										
	number of sample blocks & villages : 324										
	number of sample households : 2196										
size class of household ownership holding (code)	(1)	(2)	percentage of households leasing out land			(7)	percentage of owned area leased out			(11)	
			(3)	(4)	(5)		(6)	(8)	(9)		(10)
		estimated number of households (00)	under usufructuary mortgage	on crop sharing basis	on other terms	estimated area owned (00 hectares)	under usufructuary mortgage	on crop sharing	on other terms	total	
1	11749	0.48	4.03	1.07	5.58	514	1.34	10.07	2.20	13.61	
2	3741	3.58	14.97	3.69	20.69	1070	2.16	11.38	2.42	15.96	
3	3034	4.65	12.33	9.43	25.64	1309	0.86	11.56	8.56	20.98	
4	7253	1.81	11.22	6.66	19.52	5466	0.80	7.49	3.72	12.01	
5	7583	2.95	5.00	4.02	11.97	10798	0.78	3.93	1.44	6.15	
6	2708	2.10	9.64	6.17	17.06	6577	0.44	5.16	3.11	8.71	
7	1195	4.18	21.26	3.18	28.62	4110	2.24	11.99	1.08	15.31	
8	742	1.48	4.53	10.78	15.23	3313	0.51	1.69	3.43	5.63	
9	291	2.41	2.40	9.62	14.43	1624	0.32	0.27	1.40	1.99	
10	293	-	11.60	15.70	23.81	1959	-	4.96	5.91	10.87	
11	189	2.11	7.41	12.17	21.69	1698	0.17	1.91	5.50	7.58	
12	88	12.50	15.91	22.73	43.18	940	0.60	1.98	8.27	10.85	
13	84	-	25.00	15.48	40.48	1283	-	12.93	7.63	20.56	
14	31	-	19.36	19.35	38.71	794	-	19.76	30.35	50.11	
all sizes	38981	2.12	8.33	4.51	14.58	41455	0.78	6.08	3.66	10.52	

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 : Orissa

Urban & Rural

number of sample blocks & villages : 324

number of sample households : 2196

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing in land				estimated area owned (00)	percentage of area leased in							
		for fixed money	for fixed share of pro-duce	under usufructuary mort-gage	on other terms		for fixed share of pro-duce	under usufructuary mort-gage	on other terms	total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0	6140	8.66	0.15	3.26	-	47.43	55.50	-	99	0	122	-	327	542
1	11749	2.60	2.48	9.50	0.31	8.24	22.61	514	8.02	31.63	121.48	11.56	72.86	245.55
2	3741	5.91	-	15.13	0.24	11.49	32.77	1070	2.46	-	24.89	0.45	19.48	47.28
3	3034	0.95	2.64	10.65	-	14.86	29.10	1309	0.40	1.17	14.62	-	7.69	23.88
4	7253	1.85	6.37	9.35	0.68	8.51	25.48	5466	1.90	5.73	7.91	0.46	6.23	22.23
5	7583	3.38	2.74	9.23	0.66	8.02	23.76	10798	1.12	0.93	4.05	0.19	2.81	9.10
6	2708	1.40	0.22	12.22	2.22	6.24	19.98	6577	0.26	0.09	4.35	0.31	4.18	9.19
7	1195	2.43	2.26	2.01	-	9.87	16.57	4110	0.19	0.68	0.43	-	2.84	4.14
8	742	1.89	3.37	3.77	0.54	3.91	12.80	3313	0.11	1.86	0.66	0.08	0.85	3.56
9	291	9.97	1.37	4.81	1.37	9.97	27.49	1624	0.95	0.80	0.37	0.45	1.97	4.54
10	293	7.51	-	1.36	-	1.37	10.24	1959	0.58	-	0.64	-	0.12	1.34
11	189	-	-	-	-	6.35	6.35	1698	-	-	-	-	0.98	0.98
12	88	4.54	-	4.54	-	14.77	18.18	940	0.17	-	0.26	-	0.56	0.99
13	84	4.76	-	-	-	3.57	8.33	1283	0.25	-	-	-	1.26	1.51
14	31	-	-	-	12.90	-	12.90	794	-	-	-	0.20	-	0.20
all sizes	45121	3.58	2.47	8.84	0.48	14.10	28.38	41455	1.08	1.69	5.84	0.34	5.18	14.13

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

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

size class of house- hold operational holding (code)	estimated number of households (00)		estimated area operated (00 hectares)		number of sample households : 2196		Urban & Rural	
	sub- sample 1	sub- sample 2	sub- sample 1	sub- sample 2	sub- sample 1	sub- sample 2		
	(2)	(3)	(4)	(5)	(6)	(7)		
0	12314	15660	13987	-	-	3.85	3.75	3.79
0.1	8411	9539	8975	-	-	-	-	-
0.2	3903	6121	5012	-	-	-	-	-
1	2996	4670	3833	238	393	4.37	4.39	4.38
2	3259	2931	3095	890	868	4.91	4.04	4.50
3	1474	3282	2378	622	1418	4.09	4.66	4.49
4	6032	9399	7716	4424	7040	5.10	5.14	5.12
5	8213	7776	7995	12109	11005	5.81	5.84	5.82
6	3519	2816	3168	8423	6866	6.68	6.60	6.64
7	911	1375	1143	3150	4685	7.47	6.24	6.73
8	887	727	807	3998	3211	6.65	7.95	7.23
9	252	374	313	1414	2065	6.97	8.08	7.63
10	253	340	297	1696	2262	10.13	8.05	8.92
11	268	180	224	2381	1610	8.17	7.44	7.88
12	80	63	71	863	686	8.58	9.11	8.87
13	108	45	76	1603	642	12.15	10.42	11.72
14	29	8	18	625	158	6.86	6.62	6.81
all sizes	40595	49646	45121	42436	42909	5.07	4.86	4.93

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

State : Orissa

Urban & Rural

number of sample blocks & villages : 324

number of sample households : 2126

size class of household operational holding (code)	average area operated by household (hectares)	households (3)	percentage of area operated (4)	number of sample households	cumulative percentage of households area operated (5)	(6)
0	-	31.00	-	31.00	-	-
1	0.08	8.49	0.74	39.49	0.74	0.74
2	0.28	6.86	2.06	46.35	2.80	2.80
3	0.43	5.27	2.39	51.62	5.19	5.19
4	0.74	17.10	13.43	68.72	18.62	18.62
5	1.44	17.72	27.08	86.44	45.70	45.70
6	2.41	7.02	17.91	93.46	63.61	63.61
7	3.43	2.53	9.18	95.99	72.79	72.79
8	4.46	1.79	1	97.78	81.24	81.24
9	5.56	0.69	4.08	98.47	85.32	85.32
10	6.66	0.66	4.64	99.13	89.96	89.96
11	8.91	0.50	4.68	99.63	94.64	94.64
12	10.90	0.16	1.82	99.79	96.46	96.46
13	14.76	0.17	2.63	99.96	99.09	99.09
14	21.78	0.04	0.91	100.00	100.00	100.00
all sizes	0.54	100.00	100.00			
estimated number of households (00)	x	45121	x			
estimated area operated (00 hectares)	x	x	42672			
average area operated by land operating households (hectares)	1.37	x	x			

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

size class of house- hold operational holding (code)	number of sample blocks & villages : 324		number of sample households : 2196		Urban & Rural			
	working	others	sub-total	number of cattle owned per 100 households		young stock	total	
				males over 3 years	females over 3 years			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	4.00	1.65	5.65	5.67	9.36	15.03	12.12	32.80
1	24.99	1.93	26.92	13.20	10.51	23.71	22.96	73.59
2	69.14	7.53	76.67	21.13	25.33	46.46	35.25	158.38
3	68.96	-	68.96	12.11	53.62	65.73	46.13	180.82
4	120.68	1.62	122.30	11.60	40.16	51.76	32.96	207.02
5	162.36	4.44	166.80	42.68	54.82	97.50	71.41	335.71
6	209.56	6.57	216.13	52.27	73.04	125.31	114.02	455.46
7	262.64	1.84	264.48	71.74	106.74	178.48	112.34	555.30
8	328.63	17.22	345.85	83.64	149.19	232.83	125.90	704.58
9	213.10	6.07	219.17	82.43	157.19	239.62	171.88	630.67
10	369.02	16.84	385.86	94.95	176.43	271.38	171.04	828.28
11	417.86	14.73	432.59	130.36	189.28	319.64	193.75	945.98
12	435.21	9.86	445.07	154.93	116.90	271.83	305.63	1022.53
13	567.11	14.47	581.58	136.84	309.21	446.05	215.79	1243.42
14	861.111	-	861.11	388.89	83.33	472.22	388.89	1722.22
all sizes	96.36	3.34	99.70	23.97	39.37	63.34	46.23	209.27

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

size class of household operational holding (code)	number of buffaloes owned per 100 households										number of sample households : 2196	
	males over 3 years		females over 3 years		young stock		total		number of sample households : 324		Urban & Rural	
	working	others	sub-total	in milk	others	sub-total	young	total	Urban	Rural		
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)			
0	1.11	-	1.11	0.35	0.04	0.39	0.70	2.20	35.00			
1	2.64	-	2.64	-	-	-	-	2.64	76.23			
2	-	-	-	-	-	-	-	-	158.38			
3	-	-	-	-	-	-	-	-	180.82			
4	4.26	-	4.26	1.27	1.27	2.54	1.27	8.07	215.09			
5	23.44	0.64	24.08	6.94	2.51	9.45	8.62	42.15	377.86			
6	21.68	-	21.68	3.12	0.73	3.85	1.45	26.98	482.44			
7	28.26	-	28.26	-	1.75	1.75	1.22	31.23	586.53			
8	54.03	-	54.03	3.35	19.70	23.05	5.08	82.16	786.74			
9	53.35	-	53.35	8.31	3.83	12.14	11.82	77.31	707.98			
10	97.98	-	97.98	11.11	-	11.11	4.71	113.80	942.08			
11	62.05	-	62.05	-	8.04	8.04	13.39	83.48	1029.46			
12	153.52	9.86	163.38	25.35	9.86	35.21	45.07	243.66	1266.19			
13	152.63	14.47	167.10	28.95	9.21	38.16	48.68	253.94	1497.36			
14	183.33	-	183.33	188.89	-	188.89	183.33	555.55	2277.77			
all sizes	10.55	0.15	10.70	2.13	1.22	3.35	2.59	16.64	225.91			

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

size class of household operational holding (code)	number of cattle owned per 100 hectares of operated area										number of sample households	
	males over 3 years		females over 3 years		others		sub-total		young stock	total	Urban	Rural
	working	others	in milk	others	sub-total	others	sub-total					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
0*	560	231	791	793	1309	2102	1696	4589				
1	303.88	23.47	327.35	160.52	127.82	288.34	279.12	894.81				
2	243.34	26.45	269.83	74.38	89.15	163.53	124.07	557.43				
3	160.81	-	160.81	28.22	125.03	153.25	107.56	421.62				
4	162.44	2.17	164.61	15.62	54.06	69.68	44.35	278.64				
5	112.31	3.06	115.37	29.53	37.93	67.46	49.40	232.23				
6	86.83	2.72	89.55	21.67	30.27	51.94	47.24	188.73				
7	76.60	0.54	77.14	20.93	31.13	52.06	32.86	161.96				
8	73.56	3.85	77.41	18.73	33.38	52.11	28.19	157.71				
9	38.32	1.09	39.41	14.83	28.27	43.10	30.91	113.42				
10	55.40	2.52	57.92	14.26	26.49	40.75	25.67	124.34				
11	46.90	1.66	48.56	14.63	21.25	35.88	21.74	106.18				
12	39.86	0.89	40.75	14.18	10.70	24.88	27.97	93.60				
13	38.40	0.96	39.36	9.27	20.93	30.20	14.60	84.16				
14	39.61	-	39.61	17.89	3.83	21.72	17.89	79.22				
all sizes	101.88	3.53	105.41	25.35	41.61	66.96	48.88	221.25				

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

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

State : Orissa	number of sample blocks & villages : 324		Urban & Rural									
			number of sample households : 2196									
			number of buffaloes owned per 100 hectares of operated area					number of cattle and buffaloes owned per 100 hectares of operated area				
size class of house-hold operational holding (code)	males over 3 years working others	males over 3 years sub-total	females over 3 years in milk others	females over 3 years sub-total	young stock	total	young stock	total	young stock	total		
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)		
0*	155	-	155	49	5	54	98	307	4896			
1	32.02	-	32.02	-	-	-	-	32.02	926.83			
2	-	-	-	-	-	-	-	-	557.43			
3	-	-	-	-	-	-	-	-	421.62			
4	5.73	-	5.73	1.70	1.70	3.40	1.70	10.83	258.47			
5	16.21	0.44	16.65	4.79	1.75	6.54	5.96	25.15	261.38			
6	8.99	-	8.99	1.28	0.30	1.58	0.59	11.16	199.89			
7	8.25	-	8.25	-	0.52	0.52	0.34	9.11	171.07			
8	12.08	-	12.08	0.77	4.40	5.17	1.14	18.39	176.10			
9	9.59	-	9.59	1.48	0.69	2.17	2.12	13.88	127.30			
10	14.70	-	14.70	1.66	-	1.66	0.72	17.08	141.42			
11	6.97	-	6.97	-	0.89	0.89	1.51	9.37	115.55			
12	14.06	0.91	14.97	2.32	0.89	3.21	4.13	22.31	115.91			
13	10.33	0.99	11.32	1.95	0.62	2.57	3.29	17.18	101.34			
14	8.43	-	8.43	8.70	-	8.70	8.43	25.56	104.78			
all sizes	11.14	0.17	11.31	2.25	1.28	3.53	2.74	17.53	238.83			

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

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

State : Orissa	Urban & Rural			
	number of sample blocks & villages : 324	number of sample households : 2196		
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	
(1)	(2)	(3)	(4)	
			(5)	
0	13987	97.33	99.31	96.48
1	3833	83.88	98.70	82.55
2	3095	45.60	100.00	49.60
3	2378	53.11	100.00	53.11
4	7716	28.20	97.85	25.35
5	7995	19.49	86.64	14.18
6	3168	13.19	88.13	9.22
7	1143	8.49	85.65	6.74
8	807	8.67	73.48	2.97
9	313	5.75	75.40	2.24
10	297	3.70	66.67	1.35
11	224	3.12	68.75	1.78
12	71	-	46.48	-
13	76	-	47.37	-
14	18	-	44.44	-
all sizes	4521	53.15	94.39	50.87

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 : Orissa	Urban & Rural									
	number of sample blocks & villages : 324	number of sample households : 2196								
size class of households operational holding (code)	number owned per 100 households									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	sheep	goats	horses & ponies	mules & donkeys	camels	other draught animals	pigs	poultry		
0	6.43	7.14	-	-	-	0.06	1.00	61.32		
1	-	6.47	-	-	-	-	3.68	87.68		
2	4.33	50.47	-	-	-	-	5.43	67.01		
3	2.94	22.37	-	-	-	-	-	114.97		
4	5.78	32.35	-	-	-	1.31	2.57	89.44		
5	33.88	37.58	-	-	-	-	6.15	148.29		
6	15.12	74.78	-	-	-	-	7.07	147.35		
7	14.96	72.44	-	-	-	-1.40	9.80	142.78		
8	46.84	106.69	-	-	-	-	5.45	203.22		
9	23.00	80.19	-	-	-	-	11.50	208.31		
10	61.28	192.26	-	-	-	-	24.58	415.49		
11	76.78	141.96	-	-	-	24.11	-	94.20		
12	71.83	107.04	-	-	-	-	25.35	188.73		
13	198.68	386.84	-	-	-	-	-	86.84		
14	333.33	350.00	-	-	-	-	-	144.44		
all sizes	13.24	32.07	-	-	-	0.40	3.65	101.43		

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

State : Orissa	Urban & Rural		number of sample households : 219c											
	number of sample blocks & villages : 324		number of agricultural machinery owned per 100 households											
size class of household operational holding (code)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)			
	ploughs wooden	ploughs iron	harrow	seed drills	sprayers	dusters	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	tractors	h.p. & not available		
0	2.29	0.49	0.41	-	-	-	-	-	-	-	-	-		
1	23.48	1.25	9.31	-	-	-	-	-	-	-	-	-		
2	73.60	7.50	31.53	-	-	-	-	-	-	-	-	-		
3	68.63	3.11	24.98	-	-	-	-	-	-	-	-	-		
4	109.64	3.64	28.89	-	-	-	-	-	-	-	-	-		
5	136.61	5.97	40.62	-	-	-	-	-	-	-	-	-		
6	169.82	15.62	58.74	-	-	-	-	-	-	-	-	-		
7	199.04	10.85	68.59	1.75	-	-	-	-	-	-	-	-		
8	307.81	17.97	71.62	-	1.36	-	-	-	-	-	-	-		
9	274.12	4.47	81.47	-	-	-	-	-	-	-	-	-		
10	297.64	15.15	82.15	-	-	-	-	-	-	-	-	-		
11	366.07	6.25	90.18	-	-	-	-	-	-	-	-	-		
12	422.54	9.86	136.622	-	-	-	-	-	-	-	-	-		
13	397.37	39.47	110.53	-	-	-	-	-	-	-	-	-		
14	555.56	-	122.22	-	-	-	-	-	-	-	-	-		
all sizes	84.03	4.55	25.68	0.04	0.02	-	-	-	-	-	-	-		

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

State : Orissa

number of sample blocks & villages : 324

number of sample households : 2196

size class of household operational holding (code)	number of agricultural machinery owned per 100 households										number of sample households			
	threshers (13)	electric (14)	pumps diesel (15)	others (16)	cane crushers (17)	oil crushers (18)	others (19)							
0	0.08	-	-	-	-	-	-	-	-	-	-	47.00		
1	-	-	-	-	-	-	-	-	-	-	-	124.34		
2	-	-	-	-	-	-	-	-	-	-	-	275.09		
3	-	-	-	-	-	-	-	-	-	-	-	252.09		
4	2.88	-	-	-	-	-	-	-	-	-	-	353.86		
5	0.42	-	-	-	-	-	-	-	-	-	-	338.29		
6	7.58	-	-	-	-	-	-	-	-	-	-	541.10		
7	4.72	-	-	-	-	-	-	-	-	2.10	-	509.71		
8	5.08	-	0.74	-	-	0.37	-	-	-	0.87	-	657.00		
9	3.51	-	1.28	-	-	-	-	-	-	-	-	708.63		
10	16.16	-	-	-	-	2.69	-	-	-	-	-	780.47		
11	1.78	-	-	-	1.78	-	-	-	3.57	-	-	626.78		
12	-	-	14.08	-	-	4.22	-	-	-	-	-	1318.31		
13	10.53	-	5.26	-	-	5.26	-	-	-	-	-	1198.68		
14	-	-	-	-	-	-	-	-	-	-	-	672.22		
all sizes	1.49	-	0.05	0.01	0.04	0.09	0.09	0.09	0.04	0.09	0.09	257.94		

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.

size class of household operational holding (code)	estimated number of agricultural machinery per 100 hectares of operated area		seed drills		less than 10 h.p.	estimated area operated per tractor (0.00 hectares)			Urban & Rural	
	ploughs wooden	ploughs iron	harrow	drills		10-14 h.p.	15-19 h.p. & above	20 h.p. & above		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	285.47	15.22	113.24	-	-	-	-	-	-	-
2	259.03	26.39	110.97	-	-	-	-	-	-	-
3	160.02	7.26	58.24	-	-	-	-	-	-	-
4	147.59	4.89	38.89	-	-	-	-	-	-	-
5	94.49	4.13	28.10	-	-	-	-	-	-	-
6	70.37	6.47	24.34	-	-	-	-	-	-	-
7	58.07	3.16	20.02	0.52	-	-	-	-	-	-
8	68.89	4.03	16.04	-	-	-	-	-	-	-
9	49.30	0.79	14.65	-	-	-	-	-	-	-
10	44.68	2.27	12.33	-	-	-	-	-	-	-
11	41.09	0.69	10.13	-	-	-	-	-	-	-
12	38.70	0.89	12.50	-	-	-	-	-	-	-
13	26.91	2.67	7.49	-	-	-	-	-	-	-
14	25.50	-	5.63	-	-	-	-	-	-	-
all sizes	88.83	4.82	27.16	0.05	-	-	-	-	-	-

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

size class of household operational holding (code)	number of households (00)	percentage of households reporting				number of sample households : 2196		
		ploughs		neither wooden nor iron plough ..	electric	pumps		Urban & Rural
		wooden	iron			diesel	others	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
0	13987	1.91	0.24	97.85	-	-	-	
1	3833	20.56	1.25	78.19	-	-	-	
2	3095	57.00	5.98	41.45	-	-	-	
3	2378	54.67	45.33	-	-	-	-	
4	7716	73.86	3.63	25.17	-	-	-	
5	7995	88.24	3.59	10.98	-	-	-	
6	3168	90.34	7.51	9.69	-	-	-	
7	1143	93.00	7.26	7.09	-	-	-	
8	807	96.28	8.80	3.72	-	0.74	-	
9	313	100.00	4.47	-	-	1.28	-	
10	297	95.96	6.40	3.70	-	-	-	
11	224	95.09	3.12	4.91	-	-	1.78	
12	71	90.14	5.63	11.27	-	14.08	-	
13	76	100.00	14.47	-	-	5.26	-	
14	18	100.00	-	-	-	-	-	
all sizes	45121	49.96	2.84	49.45	-	0.05	0.01	

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

State : Orissa	number of sample blocks & villages : 324	Urban & Rural		
		number of sample households : 2196		
size class of household operational holding (code)	number of transport equipments owned per 100 households		other transport equipments	
	bicycles	motor cars		
(1)	(2)	(3)	(7)	
	(4)	(5)	(6)	
0	13.82	0.31	0.41	2.72
1	10.23	-	0.16	3.44
2	18.06	-	-	-
3	4.84	-	-	4.04
4	8.92	-	-	10.17
5	10.52	-	-	15.13
6	19.60	-	-	24.02
7	20.30	-	-	38.50
8	29.24	-	-	40.89
9	48.24	-	-	71.56
10	51.85	-	-	76.09
11	32.59	-	-	56.25
12	97.18	-	-	115.49
13	77.63	-	5.26	125.00
14	61.11	-	38.89	188.89
all sizes	13.59	0.10	0.03	10.91

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

State : Orissa	Urban & Rural		number of sample households : 2196									
	number of sample blocks & villages : 324		percentage shares of value of owned		percentage shares of value of owned		percentage shares of value of owned		percentage shares of value of owned		percentage shares of value of owned	
size class of household operational holding (code)	total value of six asset group (Rs. 00)	value of asset per 100 households (Rs. 00)	value of asset per 100 hectares of operated area (Rs. 00)	cattle	buffaloes	other live-stock	agricultural machinery	non-farm business equipments	transport equipments	other	non-farm business equipments	transport equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
0	2448637	17507	2448637*	17.39	1.81	2.68	9.96	13.67	63.49			
1	5843774	10028	121637	50.27	5.26	4.06	8.99	5.49	25.93			
2	602877	19477	68580	69.93	-	7.02	9.80	3.51	9.74			
3	396696	16682	38892	77.07	-	5.47	10.12	1.22	6.12			
4	2454033	31804	42814	71.69	6.63	3.40	7.65	2.00	8.63			
5	3999906	50030	34610	64.75	15.18	4.17	6.48	2.46	6.96			
6	2510726	79253	32846	71.29	8.85	3.89	6.14	0.82	9.01			
7	1016657	88946	25955	70.99	9.71	2.85	5.62	1.13	9.70			
8	1163607	144189	32287	64.07	18.69	3.15	8.22	3.83	8.04			
9	454553	145352	26147	59.87	16.41	2.10	6.58	0.54	15.30			
10	584837	196915	29552	59.25	19.99	4.61	4.96	0.23	10.96			
11	625693	279327	31347	50.91	7.23	2.38	4.00	29.81	5.67			
12	223408	314659	28864	43.63	13.60	2.33	29.60	-	10.84			
13	271598	357366	24207	51.41	20.35	3.87	8.70	1.32	14.35			
14	70337	390761	17943	50.20	14.56	3.51	1.20	-	30.53			
all sizes	17203277	38138	40327	59.04	9.50	3.65	6.31	4.65	16.85			

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

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

size class of operational holding (code)	State : Orissa		Urban & Rural			
	number of sample blocks & villages : 324	number of sample households : 2196	number of sample blocks & villages : 324	number of sample households : 2196		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		estimated number of operational holdings (00)	sub sample 1	sub sample 2	combined	estimated area operated (00 hectares)
			sub sample 1	sub sample 2	combined	
1	2996	4672	3834	238	393	316
2	3177	2931	3054	890	868	879
3	1475	3282	2379	622	1418	1020
4	5897	9369	7633	4424	7040	5732
5	8021	7776	7899	12109	11005	11557
6	3496	2817	3156	8423	6866	7644
7	900	1375	1138	3150	4685	3917
8	888	727	808	3998	3211	3604
9	253	374	313	1414	2065	1740
10	253	340	297	1696	2262	1979
11	268	180	224	2381	1610	1996
12	80	63	71	863	686	774
13	108	45	76	1603	642	1122
14	29	8	18	625	158	392
all sizes	2784	33959	30900	42436	42909	42672

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

size class of operational holding (code)	average area of operational holding (hectares)	percentage of		cumulative percentage of operational area operated holdings
		operational holdings	operational area operated holdings	
(1)	(2)	(3)	(4)	(5)
1	0.08	12.41	0.74	12.41
2	0.28	9.89	2.06	22.30
3	0.43	7.70	2.39	30.00
4	0.75	24.70	13.43	54.70
5	1.46	25.57	27.08	80.27
6	2.42	10.21	17.91	90.48
7	3.44	3.68	9.18	94.16
8	4.46	2.61	8.45	96.77
9	5.56	1.01	4.08	97.78
10	6.66	0.96	4.63	98.74
11	8.91	0.72	4.68	99.46
12	10.90	0.23	1.82	99.69
13	14.70	0.25	2.63	99.94
14	21.78	0.06	0.92	100.00
all sizes	1.38	100.00	100.00	
estimated number of operational holdings (00)	x	30900	x	
estimated area operated (00 hectares)	x	x	42672	

State : Orissa

number of sample blocks & villages : 324

number of sample households : 2196

Urban & Rural

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

size class of operational holding (code)	estimated number of holding (00)	owned area (3)	percentage of holding reporting leased in area				other terms (8)	under any term (9)
			for fixed money (4)	for fixed produce (5)	for share of produce (6)	under usufructuary mortgage (7)		
								Urban & Rural
								number of sample households : 2196
1	3834	89.18	5.32	-	3.96	-	13.85	22.61
2	3054	90.24	4.26	2.45	7.96	-	13.62	28.29
3	2379	88.69	9.04	2.56	6.22	-	18.79	36.36
4	7633	94.60	1.73	6.52	15.62	10.16	14.65	36.43
5	7899	100.00	3.40	2.66	14.36	1.25	12.13	33.37
6	3156	100.00	3.45	3.99	19.90	1.93	7.10	33.68
7	1138	98.51	1.93	3.25	16.17	-	14.94	34.62
8	808	100.00	4.33	3.84	8.54	1.98	11.39	24.88
9	313	100.00	8.31	3.19	7.99	1.28	13.42	33.23
10	297	93.26	8.76	2.02	7.07	-	11.11	28.96
11	224	100.00	3.57	9.37	-	-	6.70	19.64
12	71	100.00	5.63	-	9.86	-	5.63	15.49
13	76	100.00	5.26	-	-	-	18.42	23.68
14	18	100.00	-	-	-	22.22	-	22.22
all sizes	30900	95.37	3.83	3.48	12.31	0.64	13.15	32.16

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

size class of operational holding (code)	estimated area operated (00 hectares)	owned	percentage of operated area				number of sample households : 2196	
			for fixed money		leased in			
			for fixed money	for fixed produce	for share of produce	under usufructuary mortgage		other terms
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	316	79.20	3.08	-	5.39	-	12.33	20.80
2	879	81.36	2.72	0.83	4.69	-	10.40	18.64
3	1020	75.87	4.52	2.46	4.05	-	13.10	24.13
4	5732	77.86	1.19	3.98	10.06	0.15	6.76	22.14
5	11557	87.06	1.18	0.92	5.66	0.39	4.79	12.94
6	7644	85.68	0.84	1.50	8.96	0.43	2.59	14.32
7	3917	89.01	0.34	1.14	5.63	-	3.88	10.99
8	3604	90.59	1.51	1.30	2.19	1.02	3.39	9.41
9	1740	93.84	0.41	1.19	1.56	0.16	2.84	6.16
10	11979	92.55	0.98	0.68	2.07	-	3.72	7.45
11	1996	90.86	0.16	7.60	-	-	1.38	9.14
12	1774	94.21	0.21	-	1.93	-	3.65	5.79
13	11122	86.23	0.29	-	-	-	13.48	13.77
14	392	99.59	-	-	-	0.41	-	0.41
all sizes	42672	86.54	1.06	1.78	5.62	0.30	4.70	13.46

State : Orissa

number of sample blocks & villages : 324

Urban & Rural

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

State : Orissa	Urban & Rural		number of sample households : 2196				
	number of sample blocks & villages : 324	number of sample households : 2196	percentage of individual operational holdings	percentage of joint holdings	area operated (00 hectares)	percentage of area operated individually	percentage of area operated jointly
size class of operational holding (code)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	3834	3834	99.77	0.23	316	99.61	0.39
2	3054	3054	99.35	0.65	879	97.93	2.07
3	2379	2379	100.00	-	1020	100.00	-
4	7633	7633	99.58	0.42	5732	98.90	1.10
5	7899	7899	99.32	0.68	11557	98.01	1.99
6	3156	3156	99.62	0.38	7644	99.17	0.83
7	1138	1138	99.47	0.53	3917	98.94	1.06
8	808	808	100.00	-	3604	100.00	-
9	313	313	100.00	-	1740	100.00	-
10	297	297	100.00	-	1979	100.00	-
11	224	224	100.00	-	1996	100.00	-
12	71	71	90.14	9.86	774	89.87	10.13
13	76	76	100.00	-	1122	100.00	-
14	18	18	100.00	-	392	100.00	-
all sizes	30900	30900	99.55	0.45	42672	98.84	1.16

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

State : Orissa		Urban & Rural							
number of sample blocks & villages : 324		number of sample households : 2196							
size class of operational holding (code)	number of holdings (00)	percentage of holding 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)	(9)
1	3834	2.32	1.00	1.00	1.00	-	-	-	-
2	3054	14.64	1.16	1.00	1.18	-	-	-	-
3	2379	19.64	1.15	1.00	1.30	-	-	-	-
4	7633	22.53	1.21	1.35	1.18	-	-	-	-
5	7899	27.13	1.47	1.12	1.54	-	-	1.00	-
6	3156	34.60	1.70	3.33	1.58	-	-	-	-
7	1138	61.86	2.05	2.75	2.03	1.00	-	-	-
8	808	71.62	2.40	2.41	2.40	-	-	-	-
9	313	86.26	2.27	1.00	2.31	-	-	-	-
10	297	54.21	2.22	1.73	2.27	-	-	-	-
11	224	82.14	3.13	2.83	3.20	-	-	-	-
12	71	97.18	2.78	3.42	2.65	-	-	-	-
13	76	97.37	3.70	2.17	4.00	-	-	-	-
14	118	100.00	4.89	-	4.89	-	-	-	-
all sizes	30900	25.94	1.64	1.44	1.68	1.00	1.00	1.00	-

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

size class of household ownership holding (code)	estimated number of households (00)		estimated area owned (00 hectares)		estimated house-hold size		number of sample households : 663	Urban	
	sub-sample 1	sub-sample 2	sub-sample 1	sub-sample 2	sub-sample 1	sub-sample 2			
	(2)	(3)	(4)	(5)	(6)	(7)			(8)
0	2035	1623	1839	-	-	3.02	2.82	2.93	
1	1769	911	1340	35	40	4.74	5.03	4.84	
2	179	163	171	40	44	5.96	4.46	5.24	
3	176	207	192	89	81	4.03	5.58	4.86	
4	260	273	246	199	200	6.00	4.01	4.99	
5	273	199	246	180	264	5.87	5.65	5.80	
6	197	118	157	257	370	6.00	5.38	5.78	
7	86	39	60	117	200	8.03	5.30	7.22	
8	35	11	23	54	99	6.60	4.09	6.00	
9	18	-	5	97	48	1.00	-	1.00	
10	50	11	31	314	196	9.22	9.09	9.20	
11	-	33	16	-	151	-	4.64	4.64	
12	-	10	5	-	54	-	5.30	5.30	
13	13	11	12	251	216	4.00	6.09	5.00	
14	13	11	12	327	405	9.08	6.73	8.00	
all sizes	5104	3554	4329	2613	2368	4.35	4.00	4.21	

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

State : Orissa

number of sample blocks : 144

number of sample households : 644

size class of household ownership holding (code)	average area owned by household (hectares)		percentage of households area owned		cumulative percentage of households area owned	
	(1)	(2)	(3)	(4)	(5)	(6)
0	-	-	42.25	-	42.25	-
1	0.02	0.02	30.95	1.71	73.20	1.71
2	0.25	0.25	3.95	1.85	77.15	3.56
3	0.42	0.42	4.43	3.43	81.58	6.99
4	0.75	0.75	6.14	8.44	87.72	15.43
5	1.28	1.28	4.76	11.14	92.48	26.57
6	2.36	2.36	3.63	15.58	96.11	42.15
7	3.33	3.33	1.39	8.47	97.50	50.62
8	4.30	4.30	0.53	4.20	98.03	54.82
9	5.39	5.39	0.21	2.05	98.24	56.87
10	6.32	6.32	0.72	8.32	98.96	65.19
11	9.15	9.15	0.37	6.37	99.33	71.56
12	10.80	10.80	0.11	2.27	99.44	73.83
13	18.00	18.00	0.28	9.09	99.72	82.92
14	33.75	33.75	0.28	17.08	100.00	100.00
all sizes	0.55	0.55	100.00	100.00		
estimated number of households (00)	x	x	4329	x		
estimated area owned (00 hectares)	x	x	x	2368		
average area owned by land owning households (hectares)	0.95	0.95	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

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing out land		estimated area owned (00 hectares)	percentage of owned area leased out	percentage of owned area leased out		total
		under usufructuary mortgage	on other terms			under usufructuary mortgage	on other terms	
(1)	(2)	(3)	(4)	(7)	(8)	(9)	(10)	(11)
1	1340	-	3.88	40	-	15.00	9.00	24.00
2	171	-	11.11	44	-	11.11	35.19	46.30
3	192	-	27.08	81	-	24.38	35.82	60.20
4	266	-	39.10	200	17	32.39	25.91	58.30
5	206	2.91	52.43	264	1.53	44.79	17.79	64.11
6	157	-	28.66	370	-	23.25	37.06	60.31
7	60	-	43.33	200	-	32.06	19.15	51.21
8	23	-	39.13	99	-	34.55	27.24	61.79
9	9	-	-	48	-	-	-	-
10	31	-	58.06	196	-	32.44	40.86	73.30
11	16	-	-	151	-	-	34.32	34.32
12	5	-	-	54	-	-	100.00	100.00
13	12	-	50.00	216	-	56.77	41.73	98.50
14	12	-	50.00	405	-	38.80	59.60	98.40
all sizes	2500	0.24	17.80	2368	0.17	31.29	36.57	68.03

Orissa

number of sample blocks : 144

number of sample households : 663

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

State : Orissa
 number of sample blocks : 144
 number of sample households : 603
 Urban.

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	sub-sample 1	sub-sample 2	sub-sample 1	sub-sample 2			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	4375	3097	3736	X	X	X	4.08	3.77	3.95
0.1	2340	1496	1918	X	X	X	X	X	X
0.2	2035	1601	1818	X	X	X	X	X	X
1	128	140	134	9	7	8	4.63	5.10	4.88
2	49	22	35	n 15	5	10	6.51	3.54	5.66
3	84	55	70	36	23	30	5.50	5.53	5.47
4	154	121	137	121	87	104	6.77	5.61	6.28
5	117	54	86	156	68	112	4.80	8.00	5.78
6	86	32	59	217	71	144	7.06	4.72	6.42
7	34	11	22	119	37	78	8.09	5.09	7.54
8	41	-	21	184	-	92	8.73	-	8.73
9	36	-	18	191	-	95	4.44	-	4.44
10	-	-	51	-	-	-	-	-	-
11	-	22	11	-	199	99	-	6.45	6.45
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	5104	3554	4329	1048	497	772	4.35	4.00	4.21

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

State : Orissa

Urban

number of sample blocks : 144

number of sample households : 633

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	-	86.30	-	86.30	-
1	0.05	3.10	1.05	89.40	1.05
2	0.28	0.81	1.31	90.21	2.36
3	0.43	1.62	3.77	91.83	6.13
4	0.76	3.16	13.45	94.99	19.58
5	1.30	1.99	14.45	96.98	34.03
6	2.44	1.36	18.64	98.34	52.67
7	3.54	0.51	10.16	98.85	62.83
8	4.49	0.48	11.94	99.33	74.77
9	5.30	0.42	12.35	99.75	87.12
10	-	-	-	99.75	87.12
11	9.04	0.25	12.88	100.00	100.00
12	-	-	-	100.00	100.00
13	-	-	-	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	0.18	100.00	100.00		
estimated number of households (00)	x	4329	x		
estimated area operated (00 hectares)	x	x	772		
average area operated by land operating households (hectares)	1.30	x	x		

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

size class of house- hold operational holding (code)	number of cattle owned per 100 households										total		
	(2)		(3)		(4)		(5)		(6)			(7)	(8)
	working	others	males over 3 years	others	sub-total	in milk	others	sub-total	young stock				
0	2.73	0.16	2.89	5.81	11.48	17.29	7.20	27.38					
1	13.43	-	13.43	4.48	5.22	9.70	15.67	38.80					
2	120.00	-	120.00	65.71	31.43	97.14	82.86	300.00					
3	8.57	-	8.57	8.57	7.14	15.71	17.14	41.42					
4	106.57	-	106.57	30.66	7.30	37.96	73.72	218.25					
5	150.00	-	150.00	31.39	69.77	101.16	75.58	326.74					
6	94.92	-	94.92	-	45.76	45.76	77.97	218.65					
7	368.18	-	368.18	77.27	200.00	277.27	131.82	777.27					
8	195.24	-	195.24	-	157.14	157.14	85.71	438.09					
9	200.00	-	200.00	50.00	194.44	244.44	394.44	838.88					
10	-	-	-	-	-	-	-	-					
11	590.91	-	590.91	54.55	100.00	154.55	-	745.46					
12	-	-	-	-	-	-	-	-					
13	-	-	-	-	-	-	-	-					
14	-	-	-	-	-	-	-	-					
all sizes	16.68	0.14	16.82	8.15	15.52	23.67	15.27	55.76					

State : Orissa
number of sample blocks : 144
Urban
number of sample households : 663

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

State : Orissa	number of sample blocks : 144		number of buffaloes owned per 100 households		females over 3 years		young total		number of cattle and buffaloes per 100 households (0.00)
	Urban	number of sample households : 663	males over 3 years working others sub-total	in milk others sub-total	males over 3 years	others	young total stock		
size class of house-hold operational holding (code)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	0.56	-	0.56	-	0.16	0.16	-	0.72	28.10
1	-	-	-	-	-	-	-	-	38.80
2	-	-	-	-	-	-	-	-	300.00
3	-	-	-	-	-	-	-	-	41.42
4	16.79	-	16.79	-	-	-	-	16.79	235.04
5	-	-	-	-	-	-	-	-	326.74
6	-	-	-	-	-	-	-	-	218.65
7	50.00	-	50.00	-	-	-	-	50.00	827.27
8	-	-	-	-	-	-	-	-	438.09
9	-	-	-	-	-	-	-	-	838.88
10	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	745.46
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	1.27	-	1.27	-	0.14	0.14	-	1.41	57.17

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

State : Orissa Urban
 number of sample blocks : 144 number of sample households : 663

size class of household operational holding (code)	number of cattle owned per 100 hectares of operated area		females over 3 years		sub-total	young stock		total
	males over 3 years	in milk	others	sub-total		young	stock	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0*	102	6	108	217	429	646	269	1023
1	222.39	-	222.39	74.13	86.48	160.61	259.46	642.46
2	415.13	-	415.13	227.33	108.72	336.05	286.64	1037.88
3	20.58	-	20.58	20.58	17.17	37.75	41.19	99.52
4	140.38	-	140.38	40.38	9.61	49.99	97.11	287.48
5	115.49	-	115.49	24.17	53.72	77.89	58.19	251.57
6	38.87	-	38.87	-	18.73	18.73	31.92	89.52
7	103.16	-	103.16	20.38	56.04	76.42	36.94	216.52
8	44.43	-	44.43	-	35.76	35.76	19.50	99.69
9	37.68	-	37.68	9.41	36.64	46.05	74.33	158.06
10	-	-	-	-	-	-	-	-
11	65.28	-	65.28	6.03	11.04	17.07	-	82.35
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	93.40	0.77	94.17	45.66	86.93	132.59	85.52	312.28

* 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

Urban

State : Orissa

number of sample blocks : 144

number of sample households : 663

size class of household operational holding (code)	number of buffaloes owned per 100 hectares of operated area		number of operated area		number of cattle and buffaloes owned per 100 hectares of operated area				
	males over 3 years working others sub-total	females over 3 years in milk others sub-total	young stock	total					
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0*	21	-	21	-	6	6	-	27	1050
1	-	-	-	-	-	-	-	-	642.46
2	-	-	-	-	-	-	-	-	1037.82
3	-	-	-	-	-	-	-	-	99.52
4	22.12	-	22.12	-	-	-	-	22.12	309.60
5	-	-	-	-	-	-	-	-	251.57
6	-	-	-	-	-	-	-	-	89.52
7	14.01	-	14.01	-	-	-	-	14.01	230.53
8	-	-	-	-	-	-	-	-	99.69
9	-	-	-	-	-	-	-	-	158.06
10	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	82.35
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	7.12	-	7.12	-	0.77	0.77	-	7.89	320.17

* 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.

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

State : Orissa Urban
number of sample blocks : 144 number of sample households : 663

size class of household operational holding (code)	number of households (00)	percentage of households not having working animals		percentage of households not having any working cattle or buffaloes
		cattle	buffaloes	
(1)	(2)	(3)	(4)	(5)
0	3736	98.34	99.71	98.07
1	134	93.28	100.00	93.28
2	35	17.14	100.00	17.14
3	70	90.00	100.00	90.00
4	137	36.50	91.97	32.85
5	86	40.70	100.00	40.70
6	59	52.54	100.00	52.54
7	22	-	77.27	-
8	21	-	100.00	-
9	18	-	100.00	-
10	-	-	-	-
11	11	-	100.00	-
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
all sizes	4329	92.03	99.33	91.68

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 : Orissa
 number of sample blocks : 144
 Urban
 number of sample households : 663

size class of household operational holding (code)	number owned per 100 households										poultry
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
	sheep	goats	horses & ponies	mules	donkeys	camels	other draught animals	pigs			
0	-	1.50	-	-	-	-	0.24	1.23	-	32.47	
1	-	4.48	-	-	-	-	-	-	-	91.04	
2	114.29	74.29	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	-	14.23	
4	23.36	4.38	-	-	-	-	-	-	-	30.66	
5	-	-	-	-	-	-	-	-	-	56.98	
6	-	-	-	-	-	-	-	10.17	-	32.20	
7	-	77.27	-	-	-	-	-	240.91	-	27.27	
8	-	23.57	-	-	-	-	-	-	-	47.62	
9	-	-	-	-	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	
all sizes	1.66	2.70	-	-	-	-	0.21	2.42	-	33.98	

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

State : Orissa	number of sample blocks : 144	Urban	number of sample households : 663											
			size class of household operational holding (code)											
			number of agricultural machinery owned per 100 households											
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)			
	ploughs wooden	ploughs iron	harrow	seed drills	sprayers	dusters	tractors less than 10 h.p.	tractors 10-14 h.p.	tractors 15-19 h.p.	tractors 20 h.p. & above	tractors h.p. & above	tractors h.p. not available		
0	0.48	-	0.24	-	-	-	-	-	-	-	-	-		
1	-	-	-	-	-	-	-	-	-	-	-	-		
2	60.00	20.00	40.00	-	-	-	-	-	-	-	-	-		
3	25.71	-	8.57	-	-	-	-	-	-	-	-	-		
4	78.83	11.68	21.90	-	-	-	-	-	-	-	-	-		
5	118.60	15.12	33.72	-	-	-	-	-	-	-	-	-		
6	71.19	10.17	44.07	-	-	-	-	-	-	-	-	-		
7	163.64	-	77.27	-	-	-	-	-	-	-	-	-		
8	147.62	85.71	157.14	-	-	-	-	-	-	-	-	-		
9	344.44	-	200.00	-	-	-	-	-	-	-	-	-		
10	-	-	-	-	-	-	-	-	-	-	-	-		
11	336.36	-	100.00	-	-	-	-	-	-	-	-	-		
12	-	-	-	-	-	-	-	-	-	-	-	-		
13	-	-	-	-	-	-	-	-	-	-	-	-		
14	-	-	-	-	-	-	-	-	-	-	-	-		
all sizes	10.97	1.39	4.87	-	-	-	-	-	-	-	-	-		

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

State : Orissa	Urban	number of sample blocks : 144	number of sample households : 663	number of agricultural machinery owned per 100 households						
				threshers	pumps	electric	diesel	other	cane crushers	oil crushers
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
0		-	-	-	-	-	-	-	-	
1		-	-	-	-	-	-	-	-	
2		-	-	-	-	-	-	-	-	
3		-	-	-	-	-	-	-	-	
4		-	-	-	-	-	-	-	-	
5		-	-	-	-	-	-	-	-	
6		-	-	-	-	-	-	-	-	
7		-	-	-	-	-	-	-	-	
8		-	-	-	-	-	-	-	-	
9		-	-	-	-	-	-	-	-	
10		-	-	-	-	-	-	-	-	
11		-	-	-	-	-	-	-	-	
12		-	-	-	-	-	-	-	-	
13		-	-	-	-	-	-	-	-	
14		-	-	-	-	-	-	-	-	
all sizes		-	-	-	-	-	-	-	-	

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 : Orissa	number of sample blocks : 144	Urban	number of sample households : 663	estimated number of agricultural machinery per 100 hectares of operated area		estimated area operated per tractor (0.00 hectares)		less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available	all
				ploughs wooden	ploughs iron	seed drills	tractors						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	207.56	69.19	138.38	-	-	-	-	-	-	-	-	-	-
3	61.77	-	20.58	-	-	-	-	-	-	-	-	-	-
4	103.83	15.37	28.84	-	-	-	-	-	-	-	-	-	-
5	91.33	11.64	25.97	-	-	-	-	-	-	-	-	-	-
6	29.16	4.15	18.04	-	-	-	-	-	-	-	-	-	-
7	45.84	-	21.64	-	-	-	-	-	-	-	-	-	-
8	33.60	19.50	35.76	-	-	-	-	-	-	-	-	-	-
9	64.91	-	37.68	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-
11	37.16	-	11.04	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-
all sizes	61.45	7.76	27.30	-	-	-	-	-	-	-	-	-	-

TABLE (14) : PERCENTAGE SHARE OF VALUE OF DIFFERENT NON-FARM BUSINESS EQUIPMENTS OWNED TO TOTAL VALUE BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDINGS

size class of household operational holding (code)	estimated value of non-farm equipments owned (Rs. lacs)	percentage share of values		
		plant and machinery	furniture and fixture	tools and other equipments
(1)	(2)	(3)	(4)	(5)
0	249117	23.76	31.43	44.81
1	4774	-	81.73	18.27
2	89	-	-	100.00
3	-	-	-	-
4	8704	-	2.87	97.13
5	21812	97.56	2.44	-
6	3896	-	65.70	14.30
7	9576	83.33	-	16.67
8	-	-	-	-
9	1112	-	80.04	19.96
10	-	-	-	-
11	159600	-	-	100.00
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
all sizes	458680	19.28	19.02	61.70

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

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

size class of household operational holding (code)	total value of six asset group (Rs. 00)	value of asset per 100 households (Rs. 00)	value of assets per 100 hectares of operated area (Rs. 00)	percentage shares of value of owned						number of sample households : 663	Urban
				cattle	buffaloes	other live-stock	agricultural machinery	non-farm business equipments	transport equipments		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
0	1833292	49071	1833292*	6.81	0.20	0.46	0.03	13.59	78.91		
1	43776	36400	609700	15.02	-	0.58	4.99	9.79	69.32		
2	12146	34703	121460	63.88	-	15.71	5.03	0.73	14.65		
3	13574	19391	45247	21.65	-	0.31	4.11	-	73.93		
4	58411	42636	56164	42.50	17.60	1.69	4.49	14.90	16.82		
5	71398	63021	63748	56.09	-	0.50	3.93	30.55	6.93		
6	32028	54285	22242	60.02	-	0.51	4.33	12.16	22.98		
7	51457	233895	65970	64.80	4.65	2.33	2.32	18.61	7.29		
8	20124	95828	21874	86.03	-	1.24	3.53	-	9.20		
9	34452	191400	36265	55.54	-	-	7.39	3.23	33.84		
10	-	-	-	-	-	-	-	-	-		
11	198030	1800273	200030	16.77	-	-	0.44	80.59	2.20		
12	-	-	-	-	-	-	-	-	-		
13	-	-	-	-	-	-	-	-	-		
14	-	-	-	-	-	-	-	-	-		
all sizes	2373688	54832	307472	13.96	0.69	0.58	0.69	19.22	64.76		

*: 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.

size class of operational holding (code)	estimated number of operational holdings (00)		estimated area operated (00 hectares)		number of sample households : 663	
	sub sample 1	sub sample 2 combined	sub sample 1	sub sample 2 combined		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	128	141	134	9	7	8
2	49	22	36	15	5	10
3	84	55	70	36	23	30
4	154	121	138	121	87	104
5	117	54	85	156	68	112
6	86	32	59	217	71	144
7	34	11	22	119	37	78
8	42	-	21	184	-	92
9	36	-	18	191	-	95
10	-	-	-	-	-	-
11	-	22	11	-	199	99
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
all sizes	730	458	594	1048	497	772

State : Orissa

number of sample blocks : 144

Urban

TABLE (13) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF OPERATIONAL HOLDINGS AND AREA OPERATED BY SIZE CLASS OF OPERATIONAL HOLDING

State : Orissa		Urban		
number of sample blocks : 144		number of sample households : 663		
(1)	(2)	(3)	(4)	(5)
size class of operational holding (code)	average area of an operational holding (hectares)	operational holdings	percentage of area operated	cumulative percentage of operational area operated holdings
1	0.05	22.56	1.05	22.56
2	0.28	6.06	1.30	28.62
3	0.43	11.79	3.77	49.41
4	0.75	23.23	13.45	63.64
5	1.32	14.31	14.45	77.95
6	2.44	9.93	18.64	87.88
7	3.54	3.70	10.16	91.58
8	4.49	3.54	11.94	95.12
9	5.30	3.03	12.36	98.15
10	-	-	-	98.15
11	9.04	1.85	12.88	100.00
12	-	-	-	100.00
13	-	-	-	100.00
14	-	-	-	100.00
all sizes	0.18	100.00	100.00	100.00
estimated number of operational holdings (00)	x	594	x	x
estimated area operated (00 hectares)	x	x	x	772

TABLE (79) : 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 : Orissa
 number of sample blocks : 144
 Urban
 number of sample households : 663

size class of operational holding (code)	estimated number of holdings (00)	area owned	percentage of holding reporting leased in area				other terms	under any term
			for fixed money	for fixed produce	for share of produce	under usufructuary mortgage		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	134	65.67	11.94	-	1.49	-	27.61	40.30
2	36	100.00	-	-	16.67	-	-	16.67
3	70	91.43	-	-	17.14	-	7.14	17.14
4	138	100.00	3.62	4.35	7.25	10.14	6.52	28.26
5	85	100.00	12.94	-	12.94	-	-	25.88
6	59	100.00	10.17	10.17	-	-	-	20.34
7	22	100.00	-	-	-	-	27.27	27.27
8	21	100.00	-	-	-	28.57	-	28.57
9	18	100.00	-	-	-	-	50.00	50.00
10	-	-	-	-	-	-	-	-
11	11	100.00	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	594	91.24	6.40	2.02	6.90	3.37	11.11	27.95

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

size class of operational holding (code)	estimated area operated (00 hectares)	owned	percentage of operated area leased in				total	
			for fixed money	for fixed produce	for share of produce	under usufructuary mortgage		
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	8	75.00	0.00	-	20.00	-	5.00	25.00
2	10	88.00	-	-	12.00	-	-	12.00
3	30	88.89	-	-	11.11	-	0.00	11.11
4	104	84.05	3.11	0.39	3.89	8.17	0.39	15.95
5	112	84.06	7.97	-	7.97	-	-	15.94
6	144	88.48	9.55	1.97	-	-	-	11.52
7	78	96.91	-	-	-	-	3.09	3.09
8	92	71.93	-	-	-	28.07	-	28.07
9	95	81.36	-	-	-	-	18.64	18.64
10	-	-	-	-	-	-	-	-
11	99	100.00	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	772	86.60	3.35	0.42	2.46	4.45	2.72	13.40

State : Orissa
 number of sample blocks : 144
 number of sample households : 663
 Urban

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

State : Orissa	number of sample blocks : 144		Urban			
	number of sample blocks : 144	number of sample households : 663	percentage of holdings individual	area operated (00 ha. shares)	percentage of area operated individually	jointly
size class of operational holding (code)	number of operational holdings (00)	percentage of holdings individual	joint	area operated (00 ha. shares)	percentage of area operated individually	jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	134	93.28	6.72	8	80.00	20.00
2	36	100.00	-	10	100.00	-
3	70	100.00	-	30	100.00	-
4	138	100.00	-	104	100.00	-
5	85	100.00	-	112	100.00	-
6	59	100.00	-	144	100.00	-
7	22	100.00	-	78	100.00	-
8	21	100.00	-	92	100.00	-
9	18	100.00	-	95	100.00	-
10	-	-	-	-	-	-
11	11	100.00	-	99	100.00	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
all sizes	594	98.48	1.52	772	99.79	0.21

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

Urban

State : Orissa

number of sample blocks : 144

number of sample households : 663

size class of operational holding (code)	number of holdings (00)	percentage of holdings reporting attached farm workers	average number of farm workers per reporting holding during major crop season	average number of farm workers per reporting holding during			total	
				autumn	winter	spring		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	134	14.18	1.00	1.00	1.00	-	-	-
2	36	-	-	-	-	-	-	-
3	70	32.86	1.00	-	1.00	-	-	-
4	138	46.38	1.50	1.00	1.60	-	-	-
5	85	52.94	1.24	-	1.31	-	1.00	-
6	59	61.02	1.78	2.00	1.43	-	-	-
7	22	100.00	2.00	-	2.00	-	-	-
8	21	100.00	1.62	1.00	1.87	-	-	-
9	18	100.00	3.00	-	3.00	-	-	-
10	-	-	-	-	-	-	-	-
11	11	100.00	2.91	-	2.91	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	594	43.60	1.63	1.42	1.71	-	1.00	-

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

St	: Orissa	number of sample villages : 180	size class of household ownership holding (code)	estimated number of households (00)		estimated area owned (00 hectares)		estimated household size		number of sample households : 1533	Rural	
				sub-sample 1	sub-sample 2	sub-sample 1	sub-sample 2	sub-sample 1	sub-sample 2			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
0	3560	5061	4310	-	-	-	3.45	3.13	3.26			
1	8240	12578	10409	383	565	474	4.33	4.67	4.54			
2	3399	3742	3571	964	1088	1026	4.52	4.40	4.46			
3	2081	3605	2843	886	1570	1228	4.30	5.03	4.76			
4	5536	8437	6987	4163	6370	5266	5.48	5.09	5.24			
5	7355	7399	7377	10700	10368	10534	6.02	5.40	5.71			
6	2816	2284	2550	6717	5698	6207	6.98	5.89	6.49			
7	821	1150	1136	790	5029	3009	5.87	6.33	6.16			
8	872	506	719	3919	2509	3214	6.14	7.82	6.81			
9	225	339	282	1278	1873	1576	7.56	8.17	7.93			
10	181	344	263	1224	2302	1763	9.10	8.28	8.55			
11	187	158	172	1652	1442	1547	8.24	6.27	7.35			
12	102	63	82	1099	672	886	8.40	10.17	9.13			
13	87	58	72	1284	851	1068	10.39	9.47	10.08			
14	29	8	18	624	155	390	6.86	6.62	6.81			
all sizes				25491	46092	40791	37683	40492	29088	5.17	4.93	5.03

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

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	-	10.57	-	10.57	-
1	0.04	25.52	1.21	36.09	1.21
2	0.28	8.75	2.63	44.84	3.84
3	0.43	6.97	3.14	51.81	6.98
4	0.75	17.13	13.47	68.94	20.45
5	1.43	18.08	26.95	87.02	47.40
6	2.43	6.25	15.88	93.27	63.28
7	3.44	2.79	10.00	96.06	73.28
8	4.47	11.76	8.22	97.82	81.50
9	5.59	0.69	4.03	99.51	85.53
10	6.70	0.65	4.51	99.16	90.04
11	8.99	0.42	3.96	99.58	94.00
12	10.80	0.20	2.27	99.78	96.27
13	14.89	0.18	2.73	99.96	99.00
14	21.66	0.04	1.00	100.00	100.00
all sizes	0.96	100.00	100.00		
estimated number of households (00)	x	40791	x		
estimated area owned (00 hectares)	x	x	39088		
average area owned by land owning households (hectares)	1.07	x	x		

State : Orissa

number of sample villages : 180

number of sample households : 1533

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.

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing out land			under any term	estimated area owned (00 hectares)	percentage of owned area leased out			total
		under usufructuary mortgage	on crop sharing basis	on other terms			under usufructuary mortgage	on crop sharing basis	on other terms	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	10409	0.55	4.05	0.40	5.00	474	1.45	9.65	1.62	12.72
2	3571	3.75	15.15	1.76	19.21	1026	2.25	11.40	1.06	14.71
3	2843	4.96	14.33	7.32	23.00	1228	0.92	10.71	6.72	18.35
4	6987	1.87	10.15	5.87	17.72	5266	0.83	6.55	2.88	10.26
5	7377	2.94	3.67	3.61	10.22	10534	0.76	2.91	1.03	4.70
6	2550	2.24	8.47	3.25	13.96	6207	0.47	4.08	1.08	5.63
7	1136	4.40	20.07	2.29	26.76	3909	2.35	10.97	0.16	13.48
8	719	1.53	3.48	10.29	13.77	3214	0.53	0.67	2.69	3.89
9	282	2.48	2.48	9.93	14.89	1576	0.33	0.28	1.44	2.05
10	263	-	6.46	7.99	14.45	1763	-	1.86	2.00	3.86
11	172	2.33	8.14	10.46	20.93	1547	0.18	2.09	2.69	4.96
12	82	13.41	17.07	18.29	39.02	886	0.64	2.10	2.74	5.48
13	72	-	19.44	11.11	30.55	1068	-	4.09	0.76	4.85
14	18	-	-	-	-	390	-	-	-	-
all sizes	36481	2.25	7.68	3.46	13.11	29088	0.81	4.56	1.67	7.04

State : Orissa
 number of sample villages : 180
 Rural
 number of sample households : 1533

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 : Orissa
 number of sample villages : 180
 Rural
 number of sample households : 1533

size class of household ownership holding (code)	estimated number of households	percentage of households leasing in land under different terms										percentage of area leased in		
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0*	4310	6.54	-	4.50	-	63.02	68.49	47	91	-	120	-	326	537
1	10409	1.93	2.81	10.42	0.18	8.92	23.76	474	4.95	34.33	129.12	5.81	78.99	253.20
2	3571	5.99	-	15.68	-	11.40	33.07	1026	2.56	-	25.84	-	20.28	48.68
3	2843	-	2.60	11.40	-	14.74	28.74	1228	-	1.22	15.58	-	8.11	24.91
4	6987	1.69	6.61	9.62	0.70	8.76	26.06	5266	1.89	5.95	8.16	0.48	6.48	22.96
5	7377	3.47	2.74	9.49	0.68	8.16	24.26	10534	1.14	0.93	4.15	0.20	2.88	9.30
6	2550	0.55	0.24	12.98	2.35	6.24	19.88	6207	0.27	0.09	4.61	0.33	4.43	9.73
7	1136	2.02	2.38	2.11	-	7.83	14.26	3909	0.20	0.77	0.46	-	2.47	3.84
8	719	1.95	3.48	3.89	0.56	4.03	13.21	3214	0.11	1.91	0.68	0.09	0.88	3.67
9	282	10.28	1.42	4.96	1.42	10.29	28.37	1576	0.98	0.82	0.39	0.46	2.03	4.68
10	263	8.37	-	1.52	-	1.62	11.41	1763	0.64	-	0.71	-	0.16	1.51
11	172	-	-	-	-	6.98	6.98	1547	-	-	-	-	1.07	1.07
12	82	4.88	-	4.88	-	8.54	13.41	886	0.18	-	0.27	-	0.59	1.04
13	72	5.55	-	-	-	4.17	9.72	1068	0.30	-	-	-	1.52	1.82
14	18	-	-	-	22.22	-	22.22	390	-	-	-	0.41	-	0.41
all sizes	40791	2.90	2.68	9.66	0.47	14.75	29.28	39088	1.07	1.78	6.14	0.27	5.44	14.70

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

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

Rural

State : Orissa

number of sample villages : 180

number of sample households : 1533

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	sub-sample 1	sub-sample 2	sub-sample 1	sub-sample 2			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	7939	12563	10251	x	x	x	3.72	3.75	3.74
0.1	6071	8043	7057	x	x	x	x	x	x
0.2	1868	4520	3194	x	x	x	x	x	x
1	2868	4530	3699	229	386	308	4.35	4.36	4.36
2	3210	2909	3060	875	863	869	4.89	4.04	4.49
3	1390	3227	2308	586	1395	990	4.01	4.65	4.46
4	5878	9278	7578	4303	6953	5628	5.05	5.13	5.10
5	8096	7722	7909	11953	10937	11445	5.82	5.83	5.82
6	3433	2784	3108	8206	6795	7501	6.67	6.62	6.65
7	877	1364	1121	3031	4648	3840	7.45	6.25	6.72
8	846	727	787	3814	3211	3512	6.55	7.95	7.19
9	216	374	295	1223	2065	1644	7.39	8.08	7.83
10	253	340	297	1696	2262	1979	10.13	8.05	8.92
11	268	158	213	2281	1411	1896	8.17	7.58	7.95
12	80	63	71	863	686	774	8.57	9.11	8.87
13	108	45	76	1603	642	1122	12.15	10.42	11.72
14	29	8	18	625	158	392	6.86	6.62	6.81
all sizes	35491	46092	40791	41388	42412	41900	5.17	4.93	5.03

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

Rural

State : Orissa

number of sample villages : 180

number of sample households : 1533

size class of household operational holding (code)	average area operated by household (hectares)	(2)	(3)	(4)	(5)	(6)
			households	percentage of area operated	households	cumulative percentage of area operated
0	-	25.13	-	-	25.13	-
1	0.08	9.07	0.73	0.73	34.20	0.73
2	0.28	7.50	2.08	2.81	41.70	2.81
3	0.43	5.66	2.36	2.36	47.36	5.17
4	0.76	18.58	13.43	13.43	65.94	18.60
5	1.45	19.39	27.32	27.32	85.33	45.98
6	2.41	7.62	17.90	17.90	92.95	63.82
7	3.42	2.75	9.16	9.16	95.70	72.98
8	4.46	1.93	8.39	8.39	97.63	81.37
9	5.57	0.72	3.92	3.92	98.35	85.29
10	6.66	0.73	4.72	4.72	99.08	90.01
11	8.90	0.52	4.53	4.53	99.60	94.54
12	10.90	0.17	1.85	1.85	99.77	96.39
13	14.76	0.19	2.68	2.68	99.96	99.07
14	21.78	0.04	0.93	0.93	100.00	100.00
all sizes	1.03	100.00	100.00	100.00		
estimated number of households (00)	x	40791	x	x		
estimated area operated (00 hectares)	x	x	41900	x		
average area operated by land operating households (hectares)	1.37	x	x	x		

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

size class of house- hold operational holding (code)	number of cattle owned per 100 households										number of sample households : 1533	
	males over 2 years		females over 2 years		in milk		others		sub-total		young stock	total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
0	4.46	2.20	6.66	5.62	8.58	14.20	13.92	34.78				
1	25.39	2.00	27.39	13.52	10.73	24.25	23.22	74.86				
2	68.56	7.61	76.17	20.62	25.26	45.88	34.71	156.76				
3	70.75	-	70.75	12.26	54.93	67.24	47.01	185.00				
4	120.96	1.65	122.61	11.26	40.76	52.02	32.24	206.87				
5	162.50	4.49	166.99	42.79	54.67	97.46	71.36	335.81				
6	211.84	6.69	218.53	53.28	73.55	126.83	114.74	460.10				
7	260.57	1.87	262.44	71.63	104.91	176.54	111.95	550.93				
8	331.77	17.53	349.30	85.77	148.79	234.56	126.81	710.67				
9	214.24	6.44	220.68	84.41	154.92	249.33	157.97	627.98				
10	369.02	16.84	385.86	94.95	176.43	271.38	171.04	828.28				
11	409.39	15.49	425.88	134.27	194.37	323.64	203.78	958.30				
12	435.21	9.86	445.07	154.92	116.90	271.82	305.63	1022.52				
13	567.11	14.47	581.58	136.84	309.21	446.05	215.79	1243.42				
14	866.67	-	866.67	388.89	77.78	466.67	388.89	1722.23				
all sizes	105.73	3.68	109.41	25.65	42.75	68.40	49.52	227.33				

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

Rural

State : Orissa

number of sample-villages : 130

number of sample households : 1533

size class of household operational holding (code)	number of buffaloes owned per 100 households				young stock	total	number of cattle and buffaloes per 100 households (0.00)		
	males over 3 years working	others	sub-total	in milk				others	sub total
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	1.31	-	1.31	0.48	-	0.48	0.96	2.75	37.53
1	2.73	-	2.73	-	-	-	-	2.73	77.59
2	-	-	-	-	-	-	-	-	156.76
3	-	-	-	-	-	-	-	-	185.00
4	4.02	-	4.02	1.29	1.29	2.58	1.29	7.89	214.76
5	23.69	0.64	24.33	7.02	2.54	9.56	8.71	42.60	378.41
6	22.10	-	22.10	3.19	0.74	3.93	1.43	27.51	457.61
7	27.92	-	27.92	-	1.87	1.87	1.25	31.04	581.97
8	55.40	-	55.40	3.43	20.08	23.51	5.21	84.12	794.79
9	56.61	-	56.61	8.81	4.07	12.88	12.54	82.03	710.01
10	97.98	-	97.98	11.11	-	11.11	4.71	113.80	942.08
11	65.26	-	65.26	-	8.45	8.45	14.08	87.79	1046.09
12	153.52	9.86	163.38	25.25	9.86	35.21	45.07	243.66	1266.18
13	152.63	14.47	167.10	28.95	9.21	38.16	48.68	253.94	1497.36
14	183.33	-	183.33	189.93	-	83.33	183.33	549.99	2272.22
all sizes	11.53	0.17	11.70	2.35	1.34	3.69	2.87	13.26	245.59

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

size class of household operational holding (code)	number of cattle owned per 100 hectares of operated area										number of sample households : 1533	
	males over 3 years		females over 3 years		in milk		others		sub-total		young stock	total
	working	others	sub-total	sub-total	sub-total	sub-total	sub-total	sub-total	sub-total	sub-total	sub-total	sub-total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
0*	457	226	683	576	880	1456	1427	3566				
1	305.29	24.07	392.36	16.26	129.08	145.34	279.30	817.00				
2	241.34	26.81	268.15	72.60	83.93	161.53	122.17	551.65				
3	164.84	-	164.84	23.56	128.10	156.66	109.51	431.01				
4	162.86	2.22	168.08	15.15	54.88	70.03	43.42	231.53				
5	112.28	3.11	115.39	29.58	37.78	67.36	49.32	232.07				
6	87.77	2.77	90.54	22.07	30.47	52.54	47.54	190.62				
7	76.06	0.54	76.60	20.90	30.62	51.52	32.69	160.81				
8	74.33	3.93	78.26	19.22	33.33	52.55	28.42	159.23				
9	38.45	11.56	50.01	15.15	27.80	42.95	28.34	121.30				
10	55.40	12.52	57.92	14.26	26.46	40.72	25.67	124.31				
11	45.98	1.73	47.71	15.07	21.82	36.89	22.88	107.48				
12	39.86	0.91	40.77	14.18	10.70	24.88	28.00	93.65				
13	38.40	0.99	39.39	9.27	20.93	30.20	14.60	84.19				
14	39.86	-	39.86	17.89	3.58	21.47	17.89	79.22				
all sizes	102.92	2.58	106.50	24.96	41.61	66.57	48.21	221.28				

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

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

State : Orissa

Rural

number of sample villages : 130

number of sample households : 1533

size class of household operational holding (code)	number of buffaloes owned per 100 hectares of operated area		females over 2 years		in milk		others		sub-total		young stock	total	number of cattle and buffaloes owned per 100 hectares of operated area
	(10) males over 2 years working	(11) others	(12) sub-total	(13) in milk	(14) others	(15) sub-total	(16) young stock	(17) total	(18)				
0*	134	-	134	49	-	49	-	-	-	98	281	3847	
1	32.84	-	32.84	-	-	-	-	-	-	-	32.84	849.84	
2	-	-	-	-	-	-	-	-	-	-	-	551.85	
3	-	-	-	-	-	-	-	-	-	-	-	431.01	
4	5.41	-	5.41	1.73	1.73	3.46	1.73	1.73	10.60	1.73	10.60	292.13	
5	16.38	0.44	16.82	4.84	1.75	6.59	6.03	29.44	261.51	6.03	29.44	202.02	
6	9.17	-	9.17	1.31	0.90	1.61	0.62	11.40	169.87	0.62	11.40	178.06	
7	8.15	-	8.15	-	0.54	0.54	0.37	9.06	136.03	0.37	9.06	141.39	
8	12.40	-	12.40	0.77	4.50	5.27	1.16	18.83	117.34	1.16	18.83	115.98	
9	10.16	-	10.16	1.58	0.74	2.32	2.25	14.73	101.37	2.25	14.73	104.51	
10	14.70	-	14.70	1.66	-	1.66	0.72	17.08	239.07	0.72	17.08	239.07	
11	7.34	-	7.34	-	0.94	0.94	1.58	9.86	115.98	1.58	9.86	101.37	
12	14.06	0.91	14.97	2.32	0.91	3.23	4.13	22.33	104.51	4.13	22.33	104.51	
13	10.33	0.99	11.32	1.95	0.62	2.57	3.29	17.18	239.07	3.29	17.18	239.07	
14	8.43	-	8.43	8.43	-	8.43	8.43	25.29	239.07	8.43	25.29	239.07	
all sizes	11.22	0.17	11.39	2.30	1.31	3.61	2.79	17.79	239.07	2.79	17.79	239.07	

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

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

State : Orissa	number of sample villages : 180		number of sample households : 1533		percentage of households not having any working cattle or buffaloes
	operational holding (code)	size class of household operational holding (00)	percentage of households not having working animals cattle	percentage of households not having working animals buffaloes	
	(1)	(2)	(3)	(4)	(5)
	0	10251	96.96	99.16	95.90
	1	3699	83.54	98.65	83.54
	2	3060	49.97	95.69	49.97
	3	2308	51.99	100.00	51.99
	4	7578	28.05	97.97	25.22
	5	7909	19.25	86.51	13.90
	6	3108	12.45	87.93	8.36
	7	1121	8.65	85.73	6.87
	8	787	8.89	72.68	3.05
	9	295	6.10	73.90	2.37
	10	297	3.70	66.67	1.35
	11	213	3.29	67.61	1.88
	12	71	-	46.48	-
	13	76	-	47.37	-
	14	18	-	44.44	-
	all sizes	40791	49.02	93.87	46.54

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

size class of household operational holding (code)	number of sample households : 1533									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	sheep	goats	horses & ponies	mules	donkeys	camels	other draught animals	pigs	poultry	
0	8.78	9.19	-	-	-	-	-	0.91	71.84	
1	-	6.54	-	-	-	-	-	3.81	87.56	
2	3.07	50.16	-	-	-	-	-	5.49	67.78	
3	3.03	23.05	-	-	-	-	-	-	117.98	
4	5.46	32.86	-	-	-	1.33	-	2.61	90.50	
5	34.25	37.99	-	-	-	-	-	6.22	149.29	
6	15.41	76.22	-	-	-	-	-	7.01	149.61	
7	15.25	72.35	-	-	-	1.43	-	5.26	145.05	
8	48.03	103.77	-	-	-	-	-	5.59	207.12	
9	24.41	85.08	-	-	-	-	-	12.20	221.02	
10	61.28	192.26	-	-	-	-	-	24.58	415.49	
11	80.75	145.30	-	-	-	25.35	-	-	99.06	
12	71.83	107.04	-	-	-	-	-	25.35	188.73	
13	198.68	386.84	-	-	-	-	-	-	86.84	
14	333.33	350.00	-	-	-	-	-	-	144.44	
all sizes	14.47	35.19	-	-	-	0.42	-	3.78	108.59	

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

size class of household operational holding (code)	number of agricultural machinery owned per 100 households													
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	number of sample households : 1533	
		ploughs wooden	ploughs iron	harrow	seed drills	sprayers	dusters	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	tractors	20 h.p. h.p. not available	Rural
0	2.95	0.66	0.47	-	-	-	-	-	-	-	-	-	-	-
1	24.33	1.30	9.65	-	-	-	-	-	-	-	-	-	-	-
2	73.79	7.39	31.44	-	-	-	-	-	-	-	-	-	-	-
3	69.93	3.21	25.52	-	-	-	-	-	-	-	-	-	-	-
4	110.21	3.50	29.00	-	-	-	-	-	-	-	-	-	-	-
5	136.79	5.87	40.70	-	-	-	-	-	-	-	-	-	-	-
6	171.75	15.70	59.01	-	-	-	-	-	-	-	-	-	-	-
7	199.82	11.06	68.51	1.78	-	-	-	-	-	-	-	-	-	-
8	311.69	16.14	69.12	-	-	1.40	-	-	-	-	-	-	-	-
9	269.83	4.75	74.58	-	-	-	-	-	-	-	-	-	-	-
10	297.64	15.15	82.15	-	-	-	-	-	-	-	-	-	-	-
11	367.14	6.57	89.67	-	-	-	-	-	-	-	-	-	-	-
12	422.54	9.86	136.62	-	-	-	-	-	-	-	-	-	-	-
13	397.37	39.47	110.53	-	-	-	-	-	-	-	-	-	-	-
14	555.56	-	122.22	-	-	-	-	-	-	-	-	-	-	-
all sizes	91.78	4.89	27.90	0.05	0.03	-	-	-	-	-	-	-	-	-

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

State : Orissa	Rural								
	number of sample villages : 180	number of sample households : 1533							
size class of household operational holding (code)	number of agricultural machinery owned per 100 household								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	threshers	electric	pumps	diesel	other	cane	oil	crushers	others
0	0.11	-	-	-	-	-	-	-	64.13
1	-	-	-	-	-	-	-	-	128.85
2	-	-	-	-	-	-	-	-	278.24
3	-	-	-	-	-	-	-	-	260.05
4	2.93	-	-	-	-	-	-	-	360.31
5	0.43	-	-	-	-	-	-	-	341.96
6	7.72	-	-	-	-	-	-	-	551.54
7	4.82	-	-	-	-	-	2.14	-	519.71
8	5.21	-	0.76	-	-	0.38	0.89	-	673.70
9	3.73	-	1.36	-	-	-	-	-	751.86
10	11.16	-	-	-	-	2.69	-	-	780.47
11	1.88	-	-	-	1.88	-	3.76	-	659.15
12	-	-	14.08	-	-	4.23	-	-	1318.31
13	10.53	-	5.26	-	-	5.26	-	-	1198.68
14	-	-	-	-	-	-	-	-	672.22
all sizes	1.65	-	0.06	0.01	0.04	1.00	285.32		

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.

Rural

State : Orissa

number of sample villages : 180

number of sample households : 1533

size class of household operational holding (code)	estimated number of agricultural machinery per 100 hectares of operated area		estimated area operated per tractor (0.00 hectares)		less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available	All
	ploughs wooden	ploughs iron	harrow	seed drills						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	292.62	35.62	116.06	-	-	-	-	-	-	-
2	255.75	25.99	110.68	-	-	-	-	-	-	-
3	162.91	7.46	55.45	-	-	-	-	-	-	-
4	143.41	4.72	39.04	-	-	-	-	-	-	-
5	94.52	4.05	28.12	-	-	-	-	-	-	-
6	71.16	6.50	24.44	-	-	-	-	-	-	-
7	58.34	3.20	19.99	0.52	-	-	-	-	-	-
8	69.83	3.61	15.49	-	-	-	-	-	-	-
9	43.41	0.84	13.37	-	-	-	-	-	-	-
10	44.68	8.27	12.33	-	-	-	-	-	-	-
11	41.24	0.74	10.08	-	-	-	-	-	-	-
12	38.70	0.91	12.50	-	-	-	-	-	-	-
13	26.91	2.67	7.49	-	-	-	-	-	-	-
14	25.55	-	5.63	-	-	-	-	-	-	-
all sizes	89.35	4.77	27.16	0.05	-	-	-	-	-	-

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

State : Orissa	number of sample villages : 180	number of sample households : 1533	Rural	percentage of households reporting							
				ploughs		neither wooden nor iron plough		pumps		other	
size class of household operational holding (code)	number of households (00)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
0	10251	2.52	0.33	97.15	-	-	-	-	-		
1	3699	21.30	1.30	77.40	-	-	-	-	-		
2	3060	56.96	5.85	41.44	-	-	-	-	-		
3	2308	55.55	44.45	-	-	-	-	-	-		
4	7578	74.06	3.50	24.97	-	-	-	-	-		
5	7909	88.49	3.54	10.73	-	-	-	-	-		
6	3108	91.18	7.43	8.88	-	-	-	-	-		
7	1121	93.76	7.40	6.24	-	-	-	-	-		
8	787	96.69	7.88	3.18	-	-	0.76	-	-		
9	295	100.00	4.74	-	-	-	1.36	-	-		
10	297	95.96	6.40	3.70	-	-	-	-	-		
11	213	94.84	3.29	5.16	-	-	-	-	1.88		
12	71	90.14	5.63	11.27	-	-	-	14.08	-		
13	76	100.00	14.47	-	-	-	-	5.26	-		
14	18	100.00	-	-	-	-	-	-	-		
all sizes	40791	54.59	3.03	44.76	-	-	0.06	-	0.00		

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

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households											all sizes
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	hand-loom	semi-auto matic and power looms	ginning, pressing, and baling equipments	reels, bobbins and other accessories used in spinning & weaving	spinning	phenis	oil-mills (power driven)	rice mill-ling and pounding equipments	Flour mill-ling and grinding equipments	sewing machines	other tailoring equipments	
0	0.33	-	-	0.44	-	-	-	0.27	-	0.28	-	-
1	-	-	-	-	-	-	-	2.00	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	2.42
3	8.19	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	0.54	-	-
5	-	-	-	-	-	-	-	0.44	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	0.76	-	-	-	-
9	30.50	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	2.82	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	5.26	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
all sizes	0.77	-	0.01	0.11	-	-	-	0.36	-	0.17	-	1.81

State : Orissa

Rural

number of sample villages : 180

number of sample households : 1533

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

T

State : Orissa

Rural

number of sample villages : 180

number of sample households : 1533

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households													
	(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
	saws manually operated	saws-power driven	lathes	castings, melting & welding equipments	furnace, bellows & other equipment in smithy shop	kilns	potter's wheel	scales, weights & measures	fishing nets & accessories	musical instruments	electric motors	oil engines	other equipments	
0	4.59	-	-	-	20.48	0.18	0.32	0.08	0.57	-	-	-	24.11	
1	-	-	-	-	4.08	-	1.35	-	-	-	-	-	21.95	
2	-	-	-	-	-	-	-	1.60	4.05	-	-	-	9.28	
3	-	-	-	-	-	-	3.21	-	-	-	-	-	30.68	
4	-	-	-	-	-	-	2.44	-	1.64	-	-	-	35.47	
5	13.10	-	-	-	-	-	1.54	-	-	-	-	-	13.12	
6	-	-	-	-	6.66	-	-	-	-	-	-	-	12.23	
7	-	-	-	-	-	-	-	5.35	-	-	-	-	9.99	
8	-	-	-	-	22.87	-	-	25.03	8.39	-	-	-	12.45	
9	-	-	-	-	-	-	-	12.20	-	-	-	-	2.37	
10	-	-	-	-	-	-	-	-	-	-	-	-	22.90	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	
all sizes	3.69	-	-	-	6.47	0.04	1.14	0.86	0.91	-	-	-	-	

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

State : Orissa	number of sample villages : 180	number of sample households : 1533									
		size class of household operational holding (code)		number of transport equipments owned per 100 households		motorcycles/ scooters		trucks trailers		passenger buses others	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-	-	-	-	1.09	4.90	-	-	-	-	1.28
1	-	-	-	-	3.35	8.95	-	-	-	-	-
2	-	-	-	-	-	17.97	-	-	-	-	-
3	-	-	-	-	3.03	3.21	-	-	-	-	-
4	-	-	-	-	10.24	8.23	-	-	-	-	-
5	-	-	-	-	13.91	10.34	-	-	-	-	1.30
6	-	-	-	-	22.65	19.31	-	-	-	-	1.48
7	-	-	-	-	36.66	20.16	-	-	-	-	0.98
8	0.89	-	-	-	40.15	29.35	-	-	-	-	-
9	2.37	-	-	-	67.12	38.98	-	-	-	-	-
10	2.69	-	-	-	73.74	51.85	-	-	-	-	-
11	-	-	-	-	56.34	26.76	-	-	-	-	-
12	-	-	-	-	115.49	97.18	-	-	-	-	-
13	-	-	-	-	125.00	77.63	5.26	-	-	-	-
14	-	-	-	-	188.89	61.11	38.89	-	-	-	-
all sizes	0.05	-	-	-	10.69	10.84	0.03	-	-	-	0.71

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

(1)	(2)	(3)	(4)	(5)	percentage shares of value of owned			(9)	(10)
					cattle	buffaloes	other		
household operational holding (code)	total value of six groups (Rs.00)	value of asset per 100 households (Rs.00)	value of asset per 100 hectares of operated area (Rs.00)	cattle	buffaloes	other	agricultural machinery	non-farm business equipments	transport equipments
0	615345	6003	615345*	48.93	6.59	9.30	3.73	13.91	17.54
1	325596	9073	108960	55.39	6.03	4.51	9.57	4.86	19.64
2	590671	19303	87971	70.05	-	6.84	9.89	3.57	9.65
3	383122	16600	38699	79.03	-	5.66	10.34	1.26	3.71
4	2395622	31613	22566	72.40	6.36	3.44	7.73	1.69	8.38
5	3928508	49671	34325	64.87	16.46	4.23	6.53	1.95	6.96
6	2478698	79752	33045	71.44	8.96	3.93	6.17	0.67	8.83
7	965200	86102	25135	71.32	9.98	2.87	5.80	0.20	9.83
8	1143484	1745297	32559	63.69	12.91	3.19	8.30	39.89	8.02
19	420501	142543	25578	59.36	17.75	2.27	6.32	0.32	13.78
10	584837	196915	29552	59.25	19.99	4.61	4.96	0.23	10.96
11	427663	200781	22556	66.72	10.59	3.48	5.64	6.29	7.28
12	223408	314659	28864	43.63	13.60	2.33	29.60	-	10.84
13	271598	357366	24206	51.41	20.35	3.87	8.69	1.33	14.35
14	70337	390761	17943	50.20	14.56	3.51	1.20	-	30.53
all sizes	14324590	36367	35405	66.25	10.92	4.14	7.21	2.30	9.18

* 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

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

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	2868	4531	3700	229	386	308
2	3128	2909	3018	875	863	869
3	1391	3227	2309	586	1395	990
4	5743	9248	7496	4303	6953	5628
5	7904	7722	7813	11953	10937	11445
6	3410	2785	3098	8206	6792	7501
7	866	1364	1115	3031	4648	3840
8	846	727	786	3814	3211	3512
9	217	374	296	1223	2065	1644
10	253	340	296	1696	2262	1979
11	268	158	213	2381	1411	1896
12	80	63	72	863	686	774
13	108	45	76	1603	642	1122
14	29	8	18	625	158	392
all sizes	27111	33501	30306	41388	42412	41900

State : Orissa

number of sample villages : 180

number of sample households : 1533

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

size class of operational holding (code)	average area of an operational holding (hectares)	percentage of operational holdings		cumulative percentage of operational holdings	
		(3)	(4)	(5)	(6)
1	0.08	12.21	0.73	12.21	0.73
2	0.28	9.96	2.08	22.17	2.81
3	0.43	7.62	2.36	29.79	5.17
4	0.75	24.73	13.43	54.52	18.60
5	1.46	25.78	27.32	80.30	45.92
6	2.42	10.22	17.90	90.52	63.82
7	3.44	3.68	9.16	94.20	72.98
8	4.46	2.59	8.39	96.79	81.37
9	5.55	0.98	3.92	97.77	85.29
10	6.68	0.98	4.72	98.75	90.01
11	8.90	0.70	4.53	99.45	94.54
12	10.75	0.24	1.85	99.69	96.39
13	14.76	0.25	2.68	99.94	99.07
14	21.78	0.06	0.93	100.00	100.00
all sizes	1.38	100.00	100.00		
estimated number of operational holdings (00)	x	30306	x		
estimated area operated (00 hectares)	.	x	41900		

State : Orissa

number of sample villages : 180

Rural

number of sample households : 1533

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

Rural

State : Orissa

number of sample villages : 180

number of sample households : 1533

size class of operational holding (code)	estimated number of holdings (00)	owned area (3)	percentage of holding reporting leased in area				other terms (8)	under any term (9)
			for fixed money (4)	for fixed produce (5)	for share of produce (6)	under usufructuary mortgage (7)		
1	3700	90.03	5.08	-	4.08	-	13.32	21.97
2	3018	90.16	4.31	2.43	7.85	-	13.79	28.43
3	2309	88.61	9.31	2.64	5.85	-	19.14	36.94
4	7496	94.50	1.69	6.56	15.77	-	14.79	36.57
5	7813	100.00	3.30	2.69	14.37	1.27	12.26	33.44
6	3098	100.00	3.32	3.87	20.27	1.94	7.23	33.56
7	1115	98.48	1.97	3.32	16.50	-	14.71	34.80
8	786	100.00	4.45	3.54	8.78	1.40	11.70	24.94
9	296	100.00	8.70	3.38	8.45	1.35	11.15	32.09
10	296	93.24	8.78	2.03	7.09	-	11.15	29.05
11	213	100.00	3.76	9.86	-	-	7.04	20.66
12	72	100.00	5.56	-	9.72	-	5.56	15.28
13	76	100.00	5.26	-	-	-	18.42	23.68
14	18	100.00	-	-	-	22.22	-	22.22
all sizes	30306	95.45	3.78	3.51	12.41	0.59	13.19	32.24

1055218 10637406 37609746

10.6544

87

2 203574

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

size class operational holding (code)	estimated area operated (hectares)	percentage of operated area leased in							total
		(10)	(11)	(12)	(13)	(14)	(15)	(16)	
1	308	79.34	3.16	-	5.00	-	-	12.50	20.66
2	869	81.28	2.75	0.84	4.61	-	-	10.52	18.72
3	990	75.49	4.66	2.53	3.84	-	-	13.48	24.51
4	5620	77.74	1.16	4.05	10.17	-	-	6.88	22.26
5	11445	87.09	1.11	0.93	5.64	0.40	0.40	4.83	12.91
6	7501	85.62	0.67	1.49	9.13	0.44	0.44	2.65	14.38
7	3840	88.85	0.35	1.15	5.74	-	-	3.91	11.15
8	3512	91.07	1.54	1.35	2.25	0.31	0.31	3.48	8.93
9	1644	94.59	0.44	1.26	1.65	0.17	0.17	1.89	5.41
10	1979	92.55	0.98	0.67	2.07	-	-	3.73	7.45
11	1896	90.38	0.17	3.00	-	-	-	1.45	9.62
12	774	94.21	0.21	-	1.93	-	-	3.65	5.79
13	1122	86.23	0.29	-	-	-	-	13.48	13.77
14	392	99.59	-	-	-	0.41	0.41	-	0.41
all sizes	41900	86.54	1.01	1.81	5.68	0.22	0.22	4.74	13.46

State : Orissa

number of sample villages : 130

number of sample households : 1533

Rural

423.18 758.39 2379.42 5639.74
1181.58

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

State : Orissa		Rural				
number of sample villages : 180		number of sample households : 1533				
size class of operational holding (code)	number of operational holdings (00)	percentage of holdings individual	percentage of area operated individually	percentage of area operated jointly		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	3700	-	-	303	-	-
2	3013	99.34	0.66	869	71.91	2.09
3	2309	-	-	990	-	-
4	7496	99.56	0.44	5623	98.83	1.12
5	7813	99.31	0.69	11445	98.00	2.00
6	3093	99.61	0.39	7501	99.15	0.85
7	1115	99.55	0.45	3840	98.91	1.09
8	786	-	-	3512	-	-
9	296	-	-	1644	-	-
10	296	-	-	1979	-	-
11	213	-	-	1396	-	-
12	72	86.89	11.11	774	39.87	10.13
13	76	-	-	1122	-	-
14	13	-	-	392	-	-
all sizes	30306	99.56	0.44	41900	98.82	1.18

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

State : Orissa
 number of sample villages : 180
 number of sample households : 1533

Rural

operational holding (code)	number of holdings (00)	percentage of holdings reporting attached farm workers	average number of farm workers per holding during major crop season				perennial	
			autumn	winter	spring	summer		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	3700	1.89	1.00	1.00	-	-	-	-
2	3018	14.84	1.16	1.00	1.18	-	-	-
3	2309	19.23	1.16	1.00	1.33	-	-	-
4	7496	22.11	1.20	1.36	1.16	-	-	-
5	7813	26.85	1.47	1.12	1.54	-	-	-
6	3098	34.02	1.70	4.04	1.59	-	-	-
7	1115	61.17	2.05	2.75	2.03	1.00	-	-
8	786	70.74	2.43	2.68	2.41	-	-	-
9	296	85.14	2.22	1.00	2.26	-	-	-
10	296	54.39	2.22	1.73	2.27	-	-	-
11	213	80.75	3.16	2.83	3.24	-	-	-
12	72	95.83	2.78	3.42	2.67	-	-	-
13	76	97.37	3.70	2.17	4.00	-	-	-
14	18	100.00	4.89	-	4.89	-	-	-
all sizes	30306	25.59	1.64	1.44	1.68	1.00	-	-

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Sl. No.	Page No.	Table No.	Size Class	Column No.	Original Entry	Revised Entry
(0)		(2)	(3)	(4)	(5)	(6)
1	24	8	4	18	298.47	289.47
2	42	4	0	11	0.00	0
3	51	11	1	12	-	0.00
4	59	18	all sizes	2	0.18	1.30
5	71	7	9	7	249.33	239.33
6	71	7	9	9	627.98	617.98
7	71	7	11	4	425.88	424.88
8	71	7	11	9	958.30	957.30
9	72	7	9	18	710.01	700.01
10	72	7	11	18	1046.09	1045.09
11	73	8	1	4	392.36	329.36
12	73	8	1	9	817.00	754.00
13	73	8	4	4	168.08	165.08
14	73	8	4	9	281.53	278.53
15	74	8	1	18	849.84	786.84
16	74	8	4	18	292.13	289.13
17	84	16	5	6	16.46	15.46
18	84	16	8	3	1745297	145297
19	84	16	9	1	19	9
20	84	16	9	8	6.32	6.52