

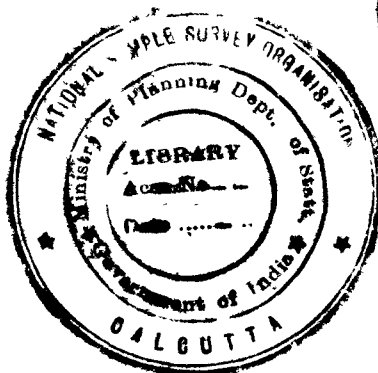
NATIONAL SAMPLE SURVEY
TWENTYSIXTH ROUND : JUL 1971 - SEP 1972
NUMBER 215,3

TABLES ON LAND HOLDINGS AT STATE LEVEL

STATE : BIHAR

VOLUME 1

215'3



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

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

Introduction

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

Period of the survey

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

Geographical coverage

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

Participation of States

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

Schedules prescribed

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

Sl.No. of visit	Period of visit	Schedules canvassed	Broad contents of schedules
1.	2.	3.	4.
1.	Jul 71 to Dec 71	Schedules 18.1 (R) 18.1 (U)	Land holdings and inventory of assets and liabilities
2.	Jan 72 to Jun 72	Schedules 18.2 (R) 18.2 (U)	Production and sale of crops, receipts from non-farm business and transactions of assets and liabilities during Jul 71 to Dec 71
3.	Jul 72 to Sep 72	Schedules 18.3 (R) 18.3 (U)	Production and sale of crops, receipts from non-farm business and assets 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-sample, the villages with odd orders of selection formed the central sample and the rest State sample. The 1961 census list of villages was used as sampling frame for selection of villages.
9. The central sample consisted of 4200 villages in all. The allocation of these villages of each State and Union Territory was based on joint consideration of its rural population, area under cereal crops and available investigator strength. This was modified to ensure a minimum of 180 villages in each State with the exception of some small States and Union Territories.
10. In the case of urban sector, the 4 cities of Bombay, Calcutta, Delhi and Madras formed strata by themselves. Further, within each State and Union Territory towns with population of less than 50,000 formed stratum one and the remaining towns and cities formed stratum two. A total of 4640 blocks in the Central sample was allocated to the States in proportion to their 1961 Census urban population with a minimum of 144 blocks in each State excepting some small States and Union Territories. The selection of blocks in each stratum was done in the form of two independent sub-samples of equal size.
11. For selection of sample households, all the households in a sample village were first divided into four sub-strata on the basis of land operated. Households with no land formed sub-stratum one. The cut off points among the remaining three sub-strata were made roughly by 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 a labourer on hire or on exchange :- (a) farming, (b) dairy farming, (c) production of any horticulture commodity, (d) raising of livestock, bees or poultry, and (e) any work performed on a farm in connection with the farm operations.
- vii) Parcel : A parcel is all land surrounded by land of other holdings or by land not forming part of any holding. It might consist of one or more cadastral units, plots or fields.
- viii) Land holding :
Household operational holding is a land holding possessed by a single household.

Operational holding is a land holding operated under a single management. In a majority of cases, a household operational holding will also be an operational holding operated under a single management of the household. But this may not always be the case. For instance, a household operational holding may consist of two operational holdings separately managed by two brothers or by a father and a son who are members of a single household. In such cases,

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

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

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

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

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

and

(b) co-operative farms.

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

Reference period

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

Results presented

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

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

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

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

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

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

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

Sl. No.	Name of the region	Composition of the region (districts)
(1)	(2)	(3)
1.	Southern	Dhanbad, Hazaribagh, Palamu, Ranchi, Santal Parganas and Singhbhum.
2.	Northern	Champaran, Darbhanga, Muzaffarpur, Purnea, Saharsa and Saran.
3.	Central	Bhagalpur, Gaya, Monghyr, Patna, and Shahabad.

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 figures over that of the Census. Similarly, the estimate of area operated as obtained from the NSS has been compared in column 8 with the figure of 'net area sown' for 1970-71, supplied by State Agricultural Statistics Authorities (SASA). The all-India estimates given in the last row relate only to the 23 States/Union Territories listed in column 1; Nagaland and Chandigarh are excluded because the survey covered only the urban sector.

3. Column 4 of Table I clearly shows that at the all-India level the difference between the NSS estimates of the number of households and that of the 1971 Census is negligible (only 0.42%), the respective figures being 100.61 and 100.19 million. At the State level, however, the NSS estimates are higher than the 1971 Census figure in 10 out of the 23 States/Union Territories listed in the table and lower in the case of 13. The States showing plus differences are Maharashtra, Uttar Pradesh, Orissa, Karnataka, Delhi, Punjab, Tamil Nadu, Gujarat, Meghalaya and Andhra Pradesh. The maximum percentage difference on the plus side was 11.63 in respect of Maharashtra, minimum of 1.59 in respect of Andhra Pradesh and in five of them (viz. Gujarat, Meghalaya, Punjab, Tamil Nadu and Delhi) the percentage difference ranged between 2 to 5. Out of 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

- (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 under estimation 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'.

(iii)

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

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

9. Thus, so far as the estimates of aggregate operated area in 1970-71 in different States are concerned, the reader will have to choose between the following three: (a) NSS estimates as given in column 6 of Table I; (b) NSS estimates based on 1971 Census number of households, as given in column 10 of Table I; and (c) 'net area sown' 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 re-tabulation of the basic data from the land records. Before comparing them with the data from the NSS, the reader should first check them with the aggregate estimates of the 'net area sown'. Apart from the fact that the NSS estimates of aggregate operated area do not agree well with the estimates of 'net area sown' in some states, there is an important difference in the way the NSS results and the results of the Agricultural Census are built up. As mentioned above, the results of the Agricultural Census are derived by a re-tabulation of the basic data from the land records and cover both household and non-household sectors. The results of the NSS are derived by direct 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.

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)	(8)	(9)	(10)	(11)
1	Andhra Pradesh	91.01	1.18	104682	89.21
2	Assam	89.80	0.37	21790	97.49
3	Bihar	97.43	0.89	87557	103.56
4	Gujarat	90.49	1.83	85726	88.05
5	Haryana	67.06	1.56	24910	69.87
6	Himachal Pradesh	107.12	1.25	8178	149.68
7	Jammu & Kashmir	94.40	0.93	7100	103.26
8	Karnataka	99.93	1.85	97008	94.66
9	Kerala	56.94	0.38	13464	61.95
10	Madhya Pradesh	97.95	2.48	191959	104.02
11	Maharashtra	107.12	1.80	169790	96.10
12	Manipur	92.71	0.91	1662	118.64
13	Meghalaya	126.43	0.86	1774	124.06
14	Orissa	76.18	0.94	39362	70.27
15	Punjab	69.23	1.15	27257	67.25
16	Rajasthan	91.73	3.57	160789	105.93
17	Tamil Nadu	79.97	0.58	48121	78.00
18	Tripura	60.62	0.72	1954	81.83
19	Uttar Pradesh	100.70	1.02	162148	93.70
20	West Bengal	78.33	0.58	46711	84.28
21	Delhi	66.09	0.06	479	59.38
22	Goa	19.91	0.28	464	34.73
23	Pondicherry	61.27	0.35	318	100.95
ALL INDIA		92.85	1.29	1292504	92.24

I STATEWISE ESTIMATES OF NUMBER OF HOUSEHOLDS, AREA OWNED AND AREA OPERATED BASED ON 26 TH 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)		
		Estimate as per N.S.S.	As per 1971 census		N.S.S. estimate of owned area	Opera- ted area	Net area sown 1970-71 (from SASA)
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andhra Pradesh	90128	88714	101.59	110758	166798	117348
2	Assam	22977	25046	91.74	18992	20071	22352
3	Bihar	92077	98379	93.59	73264	82373	84548
4	Gujarat	48111	46845	102.70	87333	86104	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	41875	107.75	41455	42572	56015
15	Punjab	24407	23702	102.97	25332	28055	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	1507	1455	2400
19	Uttar Pradesh	171771	158969	108.05	163070	174406	173049
20	West Bengal	75120	80537	93.27	40400	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 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 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	+ 7.72	- 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. underestimation of households (%)	Percentage deviation from net area sown of		Absolute increase in the percentage deviation in col. 14 from col. 13
		N.S.S. operated 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. underestimation of households (%)	Percentage deviation from net area sown of		Absolute decrease in the percentage deviation in col. 19 from col. 18
		N.S.S. operated 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	Region No.		
				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	143
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	144
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	145
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	146
TABLE (5) = Estimated number of households, area operated and household size by size class of household operational holding.	19	43	69	95	121	147

LIST OF TABLES (CONTD.)

Description of tables	<u>Vol. I : State tables</u>			<u>Vol. II : Region tables (Rural)</u>		
	Urban & Rural	Urban	Rural	<u>Region No.</u>		
				1	2	3
	Page Number					
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 household by size class of household operational holding.	21	45	71	97	123	149
TABLE (8) : Estimated number of owned cattle and owned buffaloes per 100 hectares of operated area by size class of household operational holding.	23	47	73	99	125	151
TABLE (9) : Percentage of households not having working cattle and buffaloes by size class of household operational holding	25	49	77	103	127	153

LIST OF TABLES (CONTD.)

Description of tables	<u>Vol. I : State tables</u>			<u>Vol. II : Region tables (Rural)</u>		
	Urban	Urban	Rural	<u>Region No.</u>		
	& Rural			1	2	3
	Page Number					
TABLE (10) : Estimated number of livestock (other than cattle and buffaloes) and poultry owned per 100 households by size class of household operational holding.	26	50	76	102	128	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 area operated per tractor by size class of household operational holding.	29	53	79	105	131	157
TABLE (13) : Percentage of household 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.	x	55	81	107	133	159

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

LIST OF TABLES (CONTD.)

Description of table	Vol. I : State tables			Vol. II : Region tables (Rural)		
	Urban	Urban	Rural	Region No.		
	& Rural			1	2	3
				Page Number		
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 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.	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 holdings 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)		
	Urban	Urban	Rural	Region No.		
	& Rural			1	2	3
	Page Number					
TABLE (19) : Percentage of holdings reporting owned areas and those reporting leased in areas and percentage of operated area owned and leased in under different terms of leasing in by size class of operational holding.	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

Households owning land but not operating code 0.1

Households neither owning nor operating land code 0.2

TABLE ESTIMATED NUMBER OF HOUSEHOLDS, AREA OWNED AND HOUSEHOLD SIZE BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household ownership holding (code)	estimated number of households (00)			estimated area owned (00 hectares)			estimated household size		
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	2257	5781	7517	-	-	-	3.64	3.36	3.53
1	3316	34461	36461	1760	1712	1736	4.33	4.94	4.36
2	7359	8485	7922	1602	2409	2006	4.65	5.55	5.13
3	4363	3555	4209	2151	1560	1855	5.47	5.41	5.44
4	12961	10996	11978	9427	7580	8503	5.99	6.08	6.03
5	13360	12145	12753	18302	16927	17615	6.31	6.19	6.26
6	5447	5241	5344	13471	12664	13068	7.65	7.46	7.56
7	2428	2458	2442	7943	8464	8203	8.34	8.44	8.40
8	1398	1362	1380	6152	5958	6055	8.78	9.08	8.62
9	669	551	610	3633	3003	3318	8.45	8.63	8.58
10	712	883	797	4826	6212	5519	9.76	9.97	9.88
11	361	351	356	3183	3072	3128	11.19	9.91	10.56
12	152	62	112	1738	673	1206	10.05	5.76	8.86
13	112	155	134	1619	2274	1946	12.97	8.12	10.12
14	22	101	62	1142	3071	2106	9.18	13.64	12.74
all sizes	97266	9617	92077	76948	75579	76264	5.49	5.64	5.56

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

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		8.16	-	8.16	-
1	0.05	39.60	2.28	47.76	2.28
2	0.25	38.60	2.63	56.36	4.91
3	0.44	4.57	2.43	60.93	7.34
4	0.71	13.01	11.15	73.94	18.49
5	1.38	13.85	23.10	87.79	41.59
6	2.44	5.80	17.13	93.59	58.72
7	3.36	2.65	10.76	96.24	69.48
8	4.39	1.50	7.94	97.74	77.42
9	5.44	0.66	4.35	98.40	81.77
10	6.92	0.87	7.24	99.27	89.01
11	8.79	0.39	4.10	99.66	93.11
12	10.77	0.12	1.58	99.78	94.69
13	14.52	0.15	2.55	99.93	97.24
14	33.97	0.07	2.76	100.00	100.00
all sizes	0.83	100.00	100.00		
estimated number of households (00)	x	92077	x		
estimated area owned (00 hectares)	x	x	76264		
average area owned by land owning households (hectares)	0.90	x	x		

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing out land				estimated area owned (00 hectares)	percentage of owned area leased out			
		under usufructary mortgage	on crop sharing basis	on other terms	under any term		under usufructary mortgage	on crop sharing basis	on other terms	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	36461	4.24	0.95	3.47	0.50	1730	6.35	2.42	3.94	13.21
2	7922	11.56	4.05	6.91	23.91	2006	6.66	4.20	7.02	17.88
3	4209	11.33	3.35	6.41	19.77	1855	4.45	2.09	5.36	11.90
4	11978	10.10	5.40	6.13	21.53	8503	3.42	3.33	2.58	9.33
5	12753	13.98	4.65	4.45	21.64	17615	3.11	2.13	2.05	7.29
6	5344	10.93	8.05	10.48	27.68	13068	2.66	3.58	3.56	9.80
7	2442	9.13	9.79	8.76	23.71	8203	1.51	2.71	1.56	5.78
8	1300	12.10	9.28	11.38	30.14	6055	1.84	2.72	2.37	6.93
9	610	14.43	10.16	25.08	41.31	3318	2.35	5.95	5.11	13.41
10	797	9.03	11.78	12.04	29.86	5599	2.20	2.42	2.36	6.98
11	356	6.74	23.03	16.01	40.11	3128	0.93	3.91	1.41	6.25
12	112	5.36	5.36	17.86	24.11	1260	1.51	0.07	1.07	2.65
13	134	-	-	15.67	15.67	1946	-	-	1.10	1.10
14	62	-	-	48.39	48.39	2106	-	-	27.87	27.87
all sizes	84560	8.39	3.65	5.74	16.85	76264	2.63	2.79	3.40	8.32

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 : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4002

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing in land						estimated area owned (%)	percentage of area leased in					total
		for fixed money	for fixed pro-duce	for share of pro-duce	under usufructory mort-gage	on other terms	under usufructory mort-gage		on other terms	for fixed money	for fixed pro-duce	for share of pro-duce	under usufructory mort-gage	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	7517	0.44	4.63	0.58	54.05	65.92	-	6	-	115			75	196
1	3461	1.35	2.57	22.13	4.23	6.00	32.65	1736	2.7	10.05	20.40	2.55	10.33	115.41
2	7222	2.65	2.25	2.60	1.59	5.25	34.50	206	16.77	7.10	40.17	1.13	.42	65.59
3	4209	1.90	5.04	27.13	6.39	4.32	40.22	1855	0.00	3.79	31.15	3.68	0.24	43.36
4	11970	1.34	0.72	30.31	2.39	3.03	36.41	2503	0.13	0.57	23.04	0.65	0.73	25.17
5	12753	0.50	0.42	15.39	5.70	3.31	23.45	17615	0.16	0.29	3.35	1.18	4.11	14.09
6	5344	1.24	0.64	12.80	5.39	6.04	21.51	13060	0.08	0.24	3.54	0.57	0.86	5.29
7	2442	1.60	0.66	9.50	5.61	3.68	18.43	3203	0.08	0.12	2.08	0.46	0.49	3.23
	1330	1.49	2.32	3.48	3.55	3.19	17.54	6055	0.01	0.60	0.37	0.95	0.71	2.72
9	610	3.61	-	2.46	8.36	5.41	17.30	3318	0.52	-	0.37	1.30	0.51	2.78
10	797	2.01	-	5.52	3.64	-	11.17	5919	0.00	-	0.25	0.40	-	1.65
11	356	-	-	7.06	5.06	1.68	14.60	3123	-	-	0.74	0.41	0.50	1.72
12	112	-	-	5.36	-	-	5.36	1206	-	-	0.23	-	-	0.23
13	134	6.72	-	-	4.48	3.73	14.93	1946	0.25	-	-	0.02	2.72	2.99
14	62	-	-	-	-	12.90	12.90	2106	-	-	-	-	0.00	0.00
all sizes	92077	2.02	1.75	19.79	4.01	9.33	33.60	76264	0.69	1.57	11.43	0.92	1.28	15.81

* For the size class 1 (landless) actual area has been recorded in columns 10 to 15 instead of percentage.

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household opera- tional holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated household size		
	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	29313	21493	25403	x	x	x	4.21	4.42	4.30
0.1	21323	16482	18902	x	x	x	x	x	x
0.2	7990	5011	6501	x	x		x		x
1	13589	14213	13901	1264	1403	1334	4.90	4.54	4.79
2	8371	8645	8508	2300	2400	2380	4.85	5.01	4.93
3	4526	3205	3866	2004	1430	1717	4.82	5.31	5.23
4	14377	11983	13180	10431	8905	9668	5.66	6.10	5.86
5	15316	15403	15360	21961	20950	21456	6.46	6.10	6.28
6	5593	5856	5727	13895	14154	14024	7.55	7.68	7.62
7	2804	2820	2812	9649	9727	9688	8.60	8.68	8.64
8	1351	1252	1302	6037	5525	5781	9.52	8.86	9.20
9	627	586	606	3388	3205	3296	9.75	8.37	9.09
10	774	861	818	5277	6073	5675	9.98	10.47	10.24
11	312	300	306	2749	2687	2718	12.27	11.40	11.52
12	186	31	108	2004	341	1172	10.04	4.94	9.35
13	100	172	136	1422	2561	1992	10.81	8.03	9.05
14	22	67	44	1015	1923	1472	25.04	16.84	19.09
all sizes	97266	86887	92077	83456	81290	82373	5.19	5.64	5.56

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

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	-	27.60	-	27.60	-
1	0.10	15.10	1.62	42.70	1.62
2	0.30	9.24	2.09	51.94	4.51
3	0.44	4.20	2.08	56.14	6.59
4	0.73	14.32	11.74	70.46	18.33
5	1.40	16.68	26.04	87.14	44.37
6	2.45	6.22	17.03	93.36	61.40
7	3.44	3.05	11.76	96.41	73.16
8	4.44	1.41	7.02	97.82	80.18
9	5.44	0.66	4.00	98.48	84.18
10	6.94	0.89	6.09	99.37	91.07
11	8.88	0.33	3.30	99.70	94.37
12	10.85	0.11	1.42	99.81	95.79
13	14.65	0.14	2.42	99.95	98.21
14	33.45	0.05	1.79	100.00	100.00
all sizes	0.89	100.00	100.00		
estimated number of households (00)	x	92077	x		
estimated area operated (00 hectares)	x	x	82373		
average area operated by land operating households (hectares)	1.24	x	x		

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of house- hold operational holding (code)	number of cattle owned per 100 households						young stock	total
	males over 3 years-			females over 3 years-				
	working	others	sub-total	in milk	other	sub-total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	3.82	1.78	5.60	4.86	7.2	12.15	7.6	25.43
1	12.55	6.03	18.58	6.34	13.57	19.91	14.70	53.19
2	32.6	1.29	33.93	14.70	17.41	32.11	19.48	85.52
3	55.10	5.07	60.17	15.83	29.52	45.35	24.48	155.0
4	76.5	2.15	78.65	15.31	19.5	34.81	29.86	152.39
5	37.70	9.0	46.70	13.54	3.0	16.54	30.0	234.57
6	122.5	1.35	123.85	33.37	47.91	81.28	55.07	337.63
7	212.1	3.57	215.67	52.24	61.45	113.69	68.85	405.27
8	247.51	25.04	272.55	49.00	44.71	93.71	66.59	432.83
9	250.5	15.16	265.66	46.20	72.28	118.48	73.60	497.85
10	250.5	20.29	270.79	70.97	70.85	141.82	112.84	623.22
11	250.5	6.54	257.04	59.15	80.72	139.87	99.35	600.34
12	500.5	5.56	506.06	111.11	69.44	180.55	120.37	625.00
13	151.0	45.59	196.59	129.41	164.71	294.12	236.03	1057.36
14	151.0	88.64	239.64	129.54	204.54	334.08	138.64	1293.18
All size	74.36	5.13	79.49	15.62	22.20	37.82	26.57	143.88

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

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)
	male over 3 years			females over 3 years					
	working	others	sub-total	in milk	others	sub-total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	0.12	-	0.12	1.78	2.25	4.03	1.55	5.70	31.13
1	1.32	-	1.32	2.13	4.10	6.23	1.33	8.93	62.12
2	2.44	0.11	2.55	5.79	4.27	10.06	7.16	19.77	105.29
3	-	-	-	11.59	8.62	20.21	8.41	28.62	183.62
4	6.49	1.72	8.21	10.90	10.73	21.63	6.78	36.62	189.01
5	13.54	0.29	13.83	17.72	11.18	28.90	16.94	64.67	299.24
6	18.37	1.40	19.77	24.17	18.93	43.10	19.70	82.57	420.20
7	31.86	-	31.86	32.01	21.69	53.70	27.96	113.52	518.79
8	39.48	1.54	41.02	41.94	30.41	72.35	36.87	150.24	583.12
9	40.92	1.98	42.90	43.73	48.18	91.91	50.15	184.96	682.81
10	34.11	1.48	35.59	53.18	30.32	83.50	51.83	170.92	794.14
11	37.25	9.15	46.40	62.74	30.72	93.46	60.13	199.99	800.33
12	70.37	-	70.37	77.78	11.11	88.89	92.59	251.85	1076.85
13	79.11	-	79.11	66.18	52.20	118.38	72.06	269.85	1327.21
14	45.45	-	45.45	88.64	25.00	113.64	59.09	218.18	1511.36
all sizes	8.08	0.47	8.55	10.51	8.46	18.97	9.28	36.80	180.68

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

State: Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household operational holding (code)	number of cattle owned per 100 hectares of operated area							
	males over 3 years			females over 3 years			young stock	total
	working	others	sub-total	in milk	others	sub-total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0*	970	452	1422	1235	1852	3087	1951	6460
1	130.00	62.81	192.81	66.12	141.42	207.54	153.15	553.50
2	115.70	4.62	121.32	52.56	.	114.78	73.81	309.91
3	180.33	11.42	191.75	35.66	66.47	102.13	55.10	348.98
	117.37	2.94	120.31	20.88	26.69	47.57	38.84	206.72
5	98.59	6.45	105.04	13.49	22.04	35.53	27.82	168.39
6	76.78	3.41	82.19	13.62	19.57	33.19	22.51	137.39
7	61.87	2.77	64.64	15.17	17.84	33.01	19.99	117.64
8	55.74	5.63	61.37	11.22	10.06	21.28	15.00	97.65
9	53.99	2.79	56.78	8.50	13.29	21.79	13.54	92.11
10	47.89	2.92	50.81	11.39	11.37	22.76	16.26	89.83
11	39.93	0.74	40.67	6.70	9.09	15.79	11.19	67.65
12	47.79	0.52	48.31	10.23	6.40	16.63	11.09	76.03
13	32.89	3.11	36.00	8.85	11.24	20.09	16.11	72.20
14	21.67	2.64	24.51	3.88	6.10	9.98	4.15	38.64
all sizes	83.10	5.73	88.83	17.44	24.81	42.25	29.70	160.78

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

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household operational holding (code)	number of buffaloes owned per 100 hectares of operated area						young stock	total	number of cattle and buffaloes owned per 100 hectares of operated area
	males over 3 years			females over 3 years					
	working	others	sub-total	in milk	others	sub-total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0*	30	-	30	451	571	1022	394	1446	7906
1	13.79	-	13.79	22.19	42.80	64.99	14.40	93.18	646.68
2	8.75	3.73	12.53	20.71	15.30	36.01	25.60	74.14	334.05
3	-	-	-	26.04	19.40	45.44	18.88	64.32	413.30
4	8.85	2.35	11.20	14.85	14.63	29.48	9.24	49.92	256.64
5	13.74	0.20	13.94	12.68	8.01	20.69	12.13	46.76	215.15
6	7.51	0.57	8.08	9.6	7.73	17.59	8.03	33.70	171.59
7	9.24	-	9.24	9.29	6.30	15.59	8.10	32.93	150.57
8	8.90	0.10	9.00	9.11	6.84	16.23	8.30	33.58	131.23
9	7.51	0.37	7.88	8.03	6.35	16.88	9.22	33.98	126.09
10	4.92	0.22	5.14	7.63	4.37	12.05	7.46	24.65	114.43
11	5.29	1.04	6.33	7.14	3.46	10.60	6.77	23.70	91.35
12	6.47	-	6.47	7.16	1.01	8.17	8.52	23.16	99.19
13	5.41	-	5.41	4.52	3.56	8.08	4.92	18.41	90.61
14	1.36	-	1.36	2.64	0.74	3.33	1.75	6.49	45.13
all sizes	9.02	0.52	9.54	11.83	9.46	21.34	10.33	41.26	202.04

* 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 : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

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	25403	97.58	99.94	97.54
1	13901	90.81	99.04	88.06
2	8508	73.82	97.56	71.98
3	3366	46.02	100.00	46.02
4	13180	38.15	95.05	35.24
5	15360	20.46	91.23	14.49
6	5727	11.61	89.65	9.38
7	2812	10.42	86.49	6.86
8	1302	12.14	83.79	6.37
9	606	5.61	84.32	2.64
10	818	3.63	84.72	6.97
11	306	2.29	79.74	-
12	108	11.11	67.59	11.11
13	136	16.18	77.94	16.18
14	44	-	70.46	-
all sizes	92077	59.63	95.74	57.17

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 : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of households operational holding (code)	number owned per 100 households								
	sheep	goats	horses & mules ponies	donkeys	camels	other draught animals	pigs	poultry	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	1.25	18.39	0.50	-	0.94	-	0.10	5.72	42.59
1	0.15	29.13	0.48	-	0.95	-	-	2.42	41.75
2	0.56	43.96	-	-	2.33	-	-	-	42.42
3	18.99	48.64	2.12	-	-	-	-	8.98	110.87
4	1.08	51.00	1.08	-	1.08	-	-	3.21	70.09
5	5.21	81.09	0.43	-	-	-	-	8.40	133.04
6	14.32	128.69	0.10	-	1.08	-	-	11.30	148.52
7	68.60	105.62	1.21	-	-	-	0.60	13.87	212.66
8	5.76	61.37	3.07	-	-	-	-	2.61	90.09
9	7.76	85.48	-	-	-	-	-	21.45	158.25
10	3.67	85.82	0.73	-	-	-	0.73	2.32	110.39
11	22.22	88.89	-	-	-	-	-	10.46	93.14
12	60.18	86.11	-	-	-	-	-	10.18	318.52
13	-	103.68	4.41	-	-	-	-	-	110.29
14	-	-	13.64	-	-	-	-	-	-
all sizes	5.55	50.48	0.63	-	0.86	-	0.05	5.55	78.84

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

State : Bihar

number of sample blocks & villages : 696

Urban & Rural
number of sample households; 4092

size class of household operational holding (code)	number of agricultural machinery owned per 100 households										
	ploughs wooden	ploughs iron	harrows	seed drills	sprayers	dusters	tractors				
							less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	0.62	-	0.34	-	-	-	-	-	-	0.01	-
1	10.14	3.52	3.55	-	0.47	-	-	-	-	-	-
2	42.52	1.43	7.66	0.05	0.73	-	-	-	-	-	-
3	55.27	1.97	19.51	1.24	-	2.54	-	-	-	-	-
4	67.34	3.94	38.10	1.25	0.36	0.06	-	-	-	-	-
5	102.83	11.26	52.14	2.55	0.31	1.37	-	-	-	-	-
6	122.07	17.01	73.07	5.52	0.49	2.93	-	-	-	0.02	-
7	146.19	11.38	84.71	8.14	0.32	4.41	-	-	-	-	-
8	168.82	22.58	77.57	11.67	0.92	3.00	-	-	-	-	-
9	175.57	17.49	85.31	6.93	-	4.95	-	-	-	-	-
10	216.50	33.13	99.74	16.14	3.67	7.58	-	-	-	-	-
11	221.57	43.14	120.23	16.99	1.63	10.13	-	-	-	1.96	-
12	287.04	18.52	83.33	36.11	-	10.18	-	-	-	-	-
13	277.96	32.35	133.09	72.06	-	17.65	-	-	-	12.50	-
14	359.09	93.18	222.73	181.80	-	43.78	-	13.64	-	-	-
all sizes	53.93	5.53	26.77	1.90	0.34	0.89	-	0.01	-	0.03	-

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household operational holding (code)	number of agricultural machinery owned per 100 households						
	threshers	pumps			cane crushers	oil crushers	others
(1)	(13)	electric (14)	diesel (15)	other (16)	(17)	(18)	(19)
0	-	0.01	-	-	-	-	52.02
1	-	-	-	-	-	-	176.25
2	-	-	-	-	-	-	202.54
3	-	-	-	-	-	-	280.21
4	-	0.08	-	-	-	-	359.16
5	0.20	0.29	0.29	1.26	1.33	-	370.53
6	0.02	1.85	1.01	0.86	0.38	-	452.92
7	0.14	1.39	0.53	1.74	2.88	-	492.32
8	-	4.45	4.15	1.23	2.07	0.61	631.11
9	-	5.61	3.48	0.99	0.66	0.99	706.93
10	11.98	13.81	8.56	1.96	0.86	-	787.78
11	-	4.58	9.80	-	3.92	-	667.32
12	-	13.52	10.18	-	5.56	-	469.44
13	4.41	13.97	28.60	-	-	4.41	810.29
14	13.64	45.45	22.73	29.54	45.45	-	795.45
all sizes	0.16	0.52	0.38	0.37	0.42	0.02	252.79

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 : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household operational holding (code)	estimated number of agricultural machinery per 100 hectares of operated area				estimated area operated per tractor (00 hectares)					
	ploughs wooden	ploughs iron	harrows	seed drills	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	105.46	35.74	37.04	-	-	-	-	-	-	-
2	151.99	5.29	27.30	0.17	-	-	-	-	-	-
3	124.41	3.05	43.91	2.79	-	-	-	-	-	-
4	91.60	5.35	51.94	1.70	-	-	-	-	-	-
5	73.61	7.01	32.67	1.83	-	-	-	-	-	-
6	49.2	6.94	29.70	2.25	-	-	-	20.23	-	20.23
7	42.75	1.31	21.59	2.37	-	-	-	-	-	-
8	38.93	1.00	17.47	2.62	-	-	-	-	-	-
9	33.21	1.01	15.69	1.28	-	-	-	-	-	-
10	31.21	0.74	14.50	2.32	-	-	-	-	-	-
11	21.6	1.07	10.54	1.90	-	-	-	7.62	-	7.62
12	19.0	1.11	7.63	3.34	-	-	-	-	-	-
13	18.0	2.00	9.09	4.92	-	-	-	12.97	-	12.97
14	10.70	1.00	0.05	5.44	-	31.70	-	-	-	31.70
all size	51.28	3.75	29.92	2.12	-	31.70	-	11.94	-	15.80

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household operational holding (code)	number of households (00)	percentage of households reporting					
		ploughs		neither wooden nor iron plough	pumps		
		wooden	iron			electric	diesel
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	25403	0.98	-	99.02	0.03	-	-
1	13901	10.55	3.43	89.45	-	-	-
2	8508	28.33	2.17	71.45	-	-	-
3	3366	58.50	1.71	41.50	-	-	-
4	13180	68.54	2.99	31.46	0.13	-	-
5	15360	89.93	8.86	9.24	0.85	0.29	1.17
6	5727	84.88	24.46	4.17	2.34	1.34	0.86
7	2312	98.15	10.53	1.85	3.70	1.10	2.42
8	1302	98.16	18.12	1.84	5.91	5.22	0.61
9	606	99.01	10.36	0.99	5.94	4.62	0.99
10	818	95.36	19.80	4.6	17.97	15.04	2.32
11	306	97.39	20.26	2.61	1.96	9.80	-
12	108	88.89	18.52	11.11	10.18	10.18	-
13	136	88.24	19.12	4.41	8.82	28.68	-
14	44	100.00	31.82	-	45.45	27.27	31.82
all sizes	92077	43.54	5.16	55.63	0.76	0.50	0.37

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of house- hold operational holding (code)	number of transport equipments owned per 100 households					
	bicycles	motor cars	trucks/ lorries	buses	motor cycles/ scooters	other transport equipment
(1)	(2)	(3)	(4)	(5)	(6)	(7)
0	8.29	0.20	0.11	0.06	0.51	0.86
1	5.60	-	-	-	-	1.37
2	4.63	-	-	-	-	1.26
3	3.91	-	-	-	-	1.71
4	6.21	-	-	-	-	2.32
5	6.66	-	-	-	-	8.80
6	17.04	-	-	-	-	14.56
7	19.42	-	-	-	0.32	13.80
8	24.96	-	-	-	-	17.97
9	27.39	-	-	-	-	32.01
10	30.56	-	-	-	-	26.23
11	50.00	-	-	-	-	44.08
12	16.67	-	-	-	-	35.18
13	47.06	-	-	-	-	48.53
14	63.64	-	-	-	-	31.82
all sizes	6.20	0.06	0.03	0.02	0.10	4.70

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of household operational holding (c.d.)	total value of six asset groups (Rs.00)	value of asset per 100 holds (Rs.00)	value of assets per 100 hectares of operated area (Rs.00)	percentage shares of value of owned					
				cattle	buffaloes	other live-stock	agricultural machinery	non farm business equipments	transport equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	6446008	2375	6446000 *	14.25	7.12	3.75	2.06	21.18	51.34
1	1007055	12999	135461	52.79	17.86	8.42	5.23	9.46	6.21
2	1944007	22847	11681	57.07	23.99	4.57	1.92	5.50	3.95
3	1487095	38528	86726	58.16	21.78	7.24	0.97	4.31	3.54
4	5808668	41072	60081	56.27	27.95	4.69	6.37	1.47	3.25
5	11624612	75681	54179	57.67	26.00	3.31	3.86	0.31	3.25
6	7213233	126062	51470	55.12	23.94	2.66	10.32	2.06	5.30
7	4731392	168257	48838	55.18	25.99	3.43	8.27	2.17	4.97
8	3299130	253390	57069	54.16	21.73	1.22	13.11	0.13	3.57
9	1475963	243558	44780	52.51	26.93	1.50	13.10	0.36	5.60
10	2928429	357999	21602	54.00	16.51	1.10	20.61	1.16	4.32
11	1176353	384429	43230	47.60	17.04	0.37	27.18	0.67	6.64
12	529805	472412	45205	59.26	16.06	0.86	13.50	3.04	2.28
13	1226166	901593	61554	31.35	11.66	0.13	47.62	-	8.94
14	480335	1091670	32631	42.55	10.41	1.40	40.46	3.41	1.77
all sizes	52175309	56676	63352	49.91	21.81	3.35	10.67	4.16	10.10

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

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

State : Bihar number of sample blocks & villages : 696	Urban & Rural number of sample households : 4092						
	size class of operational holding (000)	estimated number of operational holdings (10)			estimated area operated (00 hectares)		
		sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1	1354	1184	1336	1264	1403	1334	
2	8371	805	8508	2360	2400	2380	
3	4444	2205	3821	2001	1430	1717	
4	14347	11837	15107	10431	8905	9668	
5	15190	15352	2271	21551	20950	21456	
6	5598	5721	5660	13095	14154	14024	
7	2404	2820	2812	9649	9727	9688	
8	1325	1245	1285	5037	5525	5781	
9	637	580	609	3308	3205	3296	
10	774	836	805	5277	6073	5675	
11	312	300	306	2749	2687	2718	
12	186	31	108	2004	341	1172	
13	180	172	136	1422	2561	1992	
14	22	67	44	1015	1929	1472	
all sizes	67729	64893	66311	83456	81290	82373	

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of operational holding (code)	average area of an operational holding (hectares)	percentage of		cumulative percentage of	
		operational holdings	area operated	operational holdings	area operated
(1)	(2)	(3)	(4)	(5)	(6)
1	0.10	20.87	1.62	20.87	1.62
2	0.30	12.83	2.89	33.70	4.51
3	0.45	5.77	2.08	39.47	6.59
4	0.74	19.76	11.73	59.23	18.32
5	1.40	23.03	26.05	82.26	44.37
6	2.48	8.54	17.03	90.80	61.40
7	3.44	4.24	11.76	95.04	73.16
8	14.59	1.94	7.02	96.98	80.18
9	5.41	0.92	4.00	97.90	84.18
10	7.05	1.21	6.89	99.11	91.07
11	8.88	0.46	3.30	99.57	94.37
12	10.85	0.16	1.42	99.73	95.79
13	14.65	0.20	2.42	99.93	98.21
14	33.45	0.07	1.79	100.00	100.00
all sizes	1.24	100.00	100.00		
estimated number of operational holding (00)	x	66311	x		
estimated area operated (00 hectares)	x	x	203571		

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households:4092

size class of operational holding (code)	estimated number of holding (00)	percentage of holding reporting leased in area						
		owned area	for fixed money	for fixed produce	for share of produce	under usufructuary mortgage	other terms	under any term
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	13836	98.02	1.35	1.39	18.80	0.64	9.85	32.03
2	8508	99.72	0.36	0.87	29.94	3.73	6.51	41.41
3	3824	100.00	3.40	-	37.71	6.12	4.63	49.50
4	13107	98.64	1.27	2.27	34.15	4.10	6.77	46.94
5	15271	100.00	0.94	3.19	32.89	3.81	4.17	43.92
6	5660	100.00	1.86	2.24	22.17	4.77	2.92	32.14
7	2612	100.00	1.49	0.85	20.62	9.57	4.77	35.92
8	1285	100.00	3.04	3.74	14.01	3.66	5.76	26.15
9	609	100.00	1.97	1.97	16.91	14.12	2.96	35.96
10	805	100.00	1.74	1.24	7.83	7.70	3.85	21.61
11	306	100.00	-	-	8.50	7.84	2.29	18.63
12	108	100.00	-	-	11.11	-	11.11	16.67
13	136	100.00	6.62	-	-	4.41	-	11.03
14	44	100.00	-	-	-	-	13.64	13.64
all sizes	66311	99.27	1.33	1.92	27.58	3.81	6.13	39.60

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households:4092

size class of operational holding (code)	estimated area opera- ted (00 hectares)	percentage of operated area						
		owned	leased in					total
			for fixed money	for fixed produce	for share of produce	under usufru- ctuary mortgage	other terms	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	1334	67.14	1.27	1.76	21.46	0.85	7.52	32.86
2	2330	70.96	0.09	0.14	22.90	2.65	3.26	29.04
3	1717	67.99	0.61	-	26.64	2.59	2.17	32.01
4	9668	75.88	0.60	1.24	18.58	1.09	2.61	24.12
5	21456	79.94	0.10	2.07	16.74	0.73	0.42	20.06
6	14024	88.15	0.27	0.80	9.51	0.76	0.51	11.85
7	9688	91.25	0.09	0.22	7.14	0.95	0.35	8.75
8	5781	94.67	0.04	0.88	3.46	0.13	0.32	5.33
9	3296	89.18	0.09	0.94	7.10	1.86	0.83	10.82
10	5675	95.36	0.12	0.18	2.55	1.03	0.76	4.64
11	2718	96.60	-	-	1.62	0.66	1.12	3.40
12	1172	96.62	-	-	1.66	-	1.72	3.38
13	1992	99.74	0.24	-	-	0.02	-	0.26
14	1472	96.40	-	-	-	-	3.60	3.60
all sizes	82373	85.50	0.21	0.99	11.35	0.88	1.07	14.50

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

State : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of operational holding (code)	number of operational holdings (00)	percentage of holdings		area operated (00 hectares)	percentage of area operated	
		individual	joint		individually	jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	13336	99.76	0.24	1334	99.33	0.67
2	8508	99.80	0.20	2380	99.73	0.27
3	382	98.93	1.07	1717	97.83	2.17
4	13187	99.82	0.18	9668	99.21	0.79
5	15271	99.52	0.48	21456	99.12	0.88
6	5660	98.85	1.15	14024	97.77	2.23
7	2812	100.00	-	9688	100.00	-
8	1285	99.22	0.78	5781	97.89	2.11
9	609	98.35	1.65	3295	97.97	2.03
10	805	99.01	0.99	5675	97.58	2.42
11	306	100.00	-	2718	100.00	-
12	108	100.00	-	1172	100.00	-
13	136	100.00	-	1992	100.00	-
14	44	100.00	-	1472	100.00	-
all sizes	66311	99.53	0.42	82373	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 : Bihar

Urban & Rural

number of sample blocks & villages : 696

number of sample households : 4092

size class of operational holding (code)	number of holdings (00)	percentage of holdings reporting attached farm workers	average number of farm workers per reporting holding during major crop season	average number of farm workers per reporting holding during major crop season				
				autumn	winter	spring	summer	perennial
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	13836	8.80	1.08	1.00	1.00	2.02	-	-
2	8508	11.61	1.13	1.35	1.00	-	-	-
3	3024	9.99	1.00	1.00	1.00	1.00	-	-
4	13107	16.73	1.45	1.87	1.39	1.00	-	-
5	15271	25.68	1.48	2.00	1.33	1.81	-	-
6	5660	37.58	1.22	1.33	1.82	1.20	-	-
7	2812	49.36	2.65	3.26	2.67	1.85	-	-
8	1285	60.23	2.53	2.67	2.72	2.24	-	-
9	609	57.80	2.66	-	2.86	1.23	-	-
10	805	69.44	3.36	4.25	3.65	2.31	-	-
11	306	68.95	3.62	1.44	4.52	2.20	-	-
12	108	87.96	5.02	-	5.62	3.66	-	-
13	136	92.65	5.25	-	6.80	2.88	-	-
14	44	90.91	4.28	-	2.90	5.79	-	-
all sizes	66311	21.68	1.81	1.63	1.85	1.81	-	-

TABLE (1)

ESTIMATED NUMBER OF HOUSEHOLDS, AREA OWNED AND HOUSEHOLD
SIZE BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household ownership holding (code)	estimated number of households (00)			estimated area owned (00 hectares)			estimated household size		
	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	4454	3461	3058	-	-	-	3.22	3.25	3.23
1	4536	3508	4022	147	102	124	5.61	5.51	5.56
2	532	478	505	156	133	148	4.80	5.20	5.00
3	264	191	228	113	82	98	4.85	5.09	4.92
4	628	602	615	442	137	410	5.85	5.72	5.78
5	447	300	371	616	396	506	5.76	6.53	6.06
6	200	189	194	185	150	467	6.21	5.20	5.73
7	65	111	88	217	399	308	5.85	7.47	6.88
8	118	48	83	516	225	370	5.73	6.29	5.99
9	-	16	8	-	82	41	-	6.00	6.00
10	17	32	24	109	216	162	7.06	4.97	5.83
11	17	32	24	140	259	200	15.18	5.44	9.00
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	16	8	-	779	390	-	8.00	8.00
all sizes	11278	8984	10131	2941	3566	3254	4.66	4.69	4.67

TABLE (2) :

PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS
AND OF AREA OWNED BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

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	-	39.07	-	39.07	-
1	0.03	39.70	3.82	78.77	3.82
2	0.29	4.98	4.51	83.75	8.33
3	0.43	2.25	3.01	86.00	11.34
4	0.72	6.07	13.51	92.07	24.85
5	1.35	3.69	15.55	95.76	40.40
6	2.41	1.91	14.38	97.67	54.78
7	3.50	0.37	9.48	98.54	64.26
8	4.46	0.82	11.39	99.36	75.65
9	5.12	0.08	1.26	99.44	76.91
10	6.75	0.24	5.00	99.68	81.91
11	8.33	0.24	6.13	99.92	88.04
12	-	-	-	99.92	88.04
13	-	-	-	99.92	88.04
14	48.69	0.08	11.96	100.00	100.00
all sizes	0.32	100.00	100.00		
estimated number of households (00)	x	10131	x		
estimated area owned (00 hectares)	x	x	3254		
average area owned by land owning households (hectares)	0.53	x	x		

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing out land				estimated area owned (00 hectares)	percentage of owned area leased out			
		under usufructuary mortgage	on crop sharing basis	on other terms	under any term		under usufructuary mortgage	on crop sharing basis	on other terms	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	4022	1.02	2.64	10.24	13.48	124	1.95	9.45	14.98	26.38
2	505	9.70	14.26	43.17	64.16	148	3.85	13.50	35.54	52.89
3	228	3.51	14.47	45.61	63.16	98	0.41	13.22	43.80	57.43
4	615	10.73	20.98	40.65	67.15	440	3.50	20.53	30.94	54.97
5	374	10.96	15.24	47.59	71.66	506	2.88	12.16	42.32	57.36
6	194	4.12	37.11	28.87	65.98	467	1.99	24.83	20.93	47.75
7	88	-	63.64	18.18	63.64	308	-	44.49	18.63	63.12
8	83	-	39.76	38.55	68.67	370	-	20.63	23.47	44.10
9	8	-	-	100.00	100.00	41	-	-	100.00	100.00
10	24	-	-	33.33	33.33	162	-	-	32.09	32.09
11	24	33.33	-	-	33.33	200	4.66	-	-	4.66
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	8	-	-	100.00	100.00	390	-	-	100.00	100.00
all sizes	6173	3.60	8.78	20.91	31.83	3254	1.75	16.16	36.57	54.48

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 : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household ownership holding (code)	esti- mated no. of house- holds (00)	percentage of households leasing in land						esti- mated area owned (00 hec- tares)	percentage of area leased in					
		for fixed money	for fixed pro- duce	for share of produce	under usufru- ctuary mort- gage	on other terms	under any term		for fixed money	for fixed pro- duce	for share of pro- duce	under usufru- ctuary mort- gage	on other terms	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0*	3958	14.35	0.23	0.20	-	35.45	50.05	-	4	0	8	-	10	.22
1	4022	3.23	0.20	4.08	0.82	10.39	17.68	124	6.19	1.30	65.15	5.21	7.81	85.66
2	505	14.65	6.53	9.50	-	28.52	51.29	148	6.89	5.23	22.59	-	1.93	36.64
3	228	3.50	-	-	-	31.80	35.30	98	0.00	-	-	-	2.48	2.48
4	615	3.90	-	5.04	2.60	28.62	39.19	440	0.00	-	5.25	0.92	0.37	6.54
5	374	4.55	-	8.82	2.14	19.79	29.95	506	1.36	-	4.00	0.88	0.08	6.32
6	194	8.50	-	-	4.38	16.24	29.12	467	0.00	-	-	0.95	0.00	0.95
7	88	-	-	-	-	27.84	27.84	308	-	-	-	-	0.00	0.00
8	83	-	-	-	-	9.64	9.64	370	-	-	-	-	0.00	0.00
9	8	-	-	-	-	100.00	100.00	41	-	-	-	-	0.00	0.00
10	24	68.75	-	-	-	-	68.75	162	0.00	-	-	-	-	0.00
11	24	-	-	-	-	-	-	200	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	8	-	-	-	-	100.00	100.00	390	-	-	-	-	0.00	0.00
all sizes	10131	8.43	0.49	2.80	0.65	23.28	34.61	3254	0.91	0.29	5.13	0.60	0.83	7.76

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

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

State Bihar										Urban
number of sample blocks : 312										number of sample households : 1243
size class of operational holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated household size			
	sub- sample 1	sub- sample 2	combined	sub- sample	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1	9322	7640	8481	x	x	x	4.28	4.42	4.34	
0.1	4901	4195	4548	x	x	x	x	x	x	
0.2	4421	3445	3933	x	x	x	x	x	x	
1	654	396	525	53	35	44	5.90	5.18	5.63	
2	234	158	196	72	44	58	6.03	7.99	6.82	
3	150	80	115	65	37	51	6.13	7.58	6.63	
4	482	285	384	338	219	270	6.79	5.93	6.46	
5	218	157	188	318	206	262	6.56	7.59	6.98	
6	133	124	123	332	297	315	8.25	4.75	6.59	
7	16	48	32	50	174	112	6.00	8.25	7.38	
8	52	32	42	230	153	192	5.29	7.44	6.10	
9	-	-	-	-	-	-	-	-	-	
10	-	48	24	-	329	164	-	4.96	4.96	
11	17	16	16	140	129	134	15.18	5.94	11.11	
12	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	
All sizes	11270	8984	10131	1598	1623	1610	4.66	4.69	4.67	

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

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	-	83.71	-	83.71	-
1	0.08	5.18	2.71	83.89	2.71
2	0.30	1.93	3.	90.82	6.30
3	0.4	1.14	3.17	91.96	9.47
4	0.72	3.79	17.29	95.75	26.76
5	1.39	1.86	16.26	97.61	43.02
6	2.46	1.26	19.55	98.87	62.57
7	3.50	0.32	6.98	99.19	69.55
8	4.57	0.41	11.88	99.60	81.43
9	-	-	-	99.60	81.43
10	6.83	0.24	10.20	99.84	91.63
11	8.38	0.16	8.37	100.00	100.00
12	-	-	-	100.00	100.00
13	-	-	-	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	0.16	100.00	100.00		
estimated number of households (00)	x	10131	x		
estimated area operated (x hectares)	x	x	1610		
average area operated by land possessing households (hectares)	0.98	x	x		

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household - operational holding (code)	number of cattle owned per 100 households							
	males over 3 years			females over 3 years			young stock	total
	working	others	sub-total	in milk	others	sub-total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	2.74	0.38	3.12	4.08	3.99	8.07	5.70	16.89
1	12.76	3.05	15.81	11.04	10.46	21.52	15.62	52.95
2	58.16	-	58.16	8.67	20.41	29.08	16.84	104.08
3	63.48	-	63.48	20.87	21.74	42.61	13.91	120.00
4	99.22	8.33	107.55	14.84	22.92	37.76	33.85	179.16
5	143.08	4.79	147.87	12.77	30.85	43.62	17.02	208.51
6	157.03	-	157.03	32.03	25.00	57.03	51.56	265.62
7	50.00	-	50.00	75.00	-	75.00	25.00	150.00
8	76.19	38.10	114.29	95.24	38.09	133.33	38.10	285.72
9	-	-	-	-	-	-	-	-
10	33.33	-	33.33	-	-	-	-	33.33
11	306.25	-	306.25	106.25	50.00	156.25	100.00	562.50
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes :	14.23	1.04	15.27	6.40	6.52	12.92	8.71	36.90

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

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			females over 3 years					
	working	others	sub-total	in milk	others	sub-total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	-	-	-	1.32	0.96	2.28	0.56	2.84	19.73
1	-	-	-	-	1.52	1.52	-	1.52	54.47
2	-	4.59	4.59	4.08	4.08	8.16	4.08	16.83	120.91
3	-	-	-	-	6.96	6.96	-	6.96	126.96
4	8.33	-	8.33	12.50	6.25	18.75	8.33	35.41	214.57
5	4.78	-	4.78	25.00	21.28	46.28	54.26	105.32	313.83
6	-	-	-	12.50	25.78	38.28	12.50	50.78	316.40
7	-	-	-	-	-	-	-	-	150.00
8	80.95	-	80.95	-	19.05	19.05	19.05	119.05	404.77
9	-	-	-	-	-	-	-	-	-
10	-	-	-	-	33.33	33.33	-	33.33	66.66
11	50.00	-	50.00	-	-	-	-	50.00	612.50
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	0.82	0.09	0.91	2.28	2.15	4.43	2.11	7.45	44.35

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household operational holding (code)	number of cattle owned per 100 hectares of operated area							
	males over 3 years			females over 3 years			young stock	total
	working	others	sub-total	in milk	others	sub-total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0*	232	32	264	346	338	684	483	1431
1	153.30	36.60	189.90	132.69	125.85	258.54	187.62	636.06
2	196.99	-	196.99	29.38	69.11	98.49	57.03	352.51
3	143.17	-	143.17	47.07	49.02	96.09	31.30	270.64
4	136.84	11.49	148.33	20.46	31.60	52.06	46.68	247.07
5	102.74	3.43	106.17	9.12	22.14	31.28	12.23	149.68
6	63.85	-	63.85	13.02	10.16	23.18	20.95	107.08
7	14.23	-	14.23	21.32	-	21.32	7.12	42.67
8	16.70	8.35	25.05	20.90	8.35	29.25	8.35	62.65
9	-	-	-	-	-	-	-	-
10	4.87	-	4.87	-	-	-	-	4.87
11	36.35	-	36.35	12.60	5.93	18.53	11.86	66.74
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	89.52	6.52	96.04	40.23	41.04	81.27	54.76	232.07

* 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 . Bihar

Urban

number of sample blocks : 312

number of sample bhouseholds : 1243

size class of household operational holding (code)	number of buffaloes owned per 100 hectares of operated area						young stock	total	number of cattle and buffaloes owned per 100 hectares of operated area
	males over 3 years			females over 3 years					
(1)	working	others	sub-total	in milk	others	sub-total	(16)	(17)	(18)
0*	-	-	-	112	81	193	48	241	1672
1	-	-	-	-	18.43	18.43	-	18.43	654.49
2	-	15.54	15.54	13.81	13.81	27.62	13.81	56.97	409.48
3	-	-	-	-	15.69	15.69	-	15.69	286.33
4	11.49	-	11.49	17.22	18.62	35.84	11.49	48.82	295.89
5	3.43	-	3.43	17.94	15.27	33.21	33.97	75.61	225.29
6	-	-	-	5.09	10.48	15.57	5.09	20.66	128.64
7	-	-	-	-	-	-	-	-	42.67
8	17.77	-	17.77	-	4.18	4.18	4.18	26.13	88.78
9	-	-	-	-	-	-	-	-	-
10	-	-	-	-	4.87	4.87	-	4.87	9.74
11	5.93	-	5.93	-	-	-	-	5.93	72.67
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	5.14	0.57	5.71	14.33	13.54	27.87	13.29	46.87	278.94

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

TABLE (9)

PERCENTAGE OF HOUSEHOLDS NOT HAVING WORKING CATTLE AND
BUFFALOES BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Bihar

Urban

number of sample blocks 312 number of sample households : 1243

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)	cattle (3)	buffaloes (4)	(5)
0	1181	98.70	100.00	98.70
1	25	92.00	100.00	92.00
2	96	62.24	100.00	62.24
3	115	63.48	100.00	63.48
4	384	44.53	95.83	42.44
5	111	30.32	95.74	30.32
6	128	25.00	100.00	25.00
7	32	75.00	100.00	75.00
8	12	80.95	78.57	59.52
9	-	-	-	-
10	24	66.67	100.00	66.67
11	16	-	50.00	-
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
all sizes	10131	92.60	99.60	92.43

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	Bihar								Urban
number of sample blocks :	312							number of sample households :	1243
size class of household operational holding (code)	number owned per 100 households								
	sheep	goats	horses & ponies	mules	donkeys	camels	other draught animals	pigs	poultry
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	0.28	9.14	0.58	-	0.39	-	-	2.09	30.16
1	-	41.90	-	-	-	-	-	10.86	67.43
2	-	21.43	-	-	-	-	-	-	82.14
3	6.96	27.83	-	-	-	-	-	-	327.84
4	-	53.12	-	-	-	-	-	-	81.25
5	-	21.28	-	-	-	-	-	-	50.00
6	-	12.50	-	-	-	-	-	-	143.75
7	-	25.00	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	0.32	13.21	0.43	-	0.53	-	-	2.51	39.88

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household operational holding (code)	number of agricultural machinery owned per 100 households										
	ploughs wooden	ploughs iron	harrow	seed drills	sprayers	dusters	tractors				
							less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. and above	h.p. not available
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
0	0.80	-	0.21	-	-	-	-	-	-	0.04	-
1	6.86	-	3.43	-	-	-	-	-	-	-	-
2	26.53	-	14.80	2.04	-	-	-	-	-	-	-
3	45.22	-	17.39	-	-	-	-	-	-	-	-
4	72.08	2.08	36.98	-	-	2.08	-	-	-	-	-
5	74.47	4.26	36.17	-	-	-	-	-	-	-	-
6	88.28	32.23	59.38	-	6.25	6.25	-	-	-	0.78	-
7	100.00	-	25.00	-	-	-	-	-	-	-	-
8	97.62	-	59.52	-	19.05	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	33.33	-	33.33	-	-	-	-	-	-	-	-
11	200.00	-	200.00	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-
all sizes	8.40	0.56	4.38	0.04	0.16	0.16	-	-	-	0.04	-

TABLE (11) CONTD. :

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household operational holding (code)	number of agricultural machinery owned per 100 households						
	threshers	pumps			cane crushers	oil crushers	others
		electric	diesel	other			
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
0	-	0.02	-	-	-	-	-
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	2.86	-	-	-	-	-
5	-	4.26	-	-	-	-	-
6	0.78	2.34	5.47	-	56	-	-
7	-	-	-	-	-	-	-
8	-	-	4.76	38.09	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
all sizes	0.01	0.24	0.09	0.16	0.02	-	-

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 Bihar		Urban									
number of sample blocks : 312		number of sample households : 1243									
size class of household operational holding (code)	estimated number of agricultural machinery per 100 hectares of operated area				estimated area operated per tractor (0.00 hectares)						
	ploughs wooden	ploughs iron	harrows	seed drills	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	82.36	-	41.19	-	-	-	-	-	-	-	
2	89.84	-	50.11	6.92	-	-	-	-	-	-	
3	101.98	-	39.21	-	-	-	-	-	-	-	
4	99.48	2.87	51.00	-	-	-	-	-	-	-	
5	53.47	3.06	25.97	-	-	-	-	-	-	-	
6	35.88	13.02	24.14	-	-	-	-	20.23	-	20.23	
7	28.44	-	7.12	-	-	-	-	-	-	-	
8	21.42	-	13.07	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	-	-	
10	4.87	-	4.87	-	-	-	-	-	-	-	
11	23.75	-	23.75	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	
all sizes	52.83	3.53	27.58	0.25	-	-	-	20.23	-	20.23	

TABLE (13)

PERCENTAGE OF HOUSEHOLDS REPORTING PUMPS AND PLOUGHS
BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household operational holding (code)	number of households (00)	percentage of households reporting						
		ploughs		neither wooden nor iron plough	pumps			
		wooden	iron		electric	diesel	other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
0	8481	1.05	-	98.95	0.09	-	-	
1	525	7.81	-	92.19	-	-	-	
2	196	33.16	-	66.84	-	-	-	
3	115	35.65	-	64.35	-	-	-	
4	384	67.97	2.34	31.77	4.43	-	-	
5	188	77.66	4.26	21.81	4.25	-	-	
6	128	75.78	32.03	17.97	12.50	6.25	-	
7	32	75.00	-	25.00	-	-	-	
8	42	59.52	-	40.48	-	19.05	19.05	
9	-	-	-	-	-	-	-	
10	24	33.33	-	66.67	-	-	-	
11	16	50.00	-	50.00	-	-	-	
12	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	
all sizes	10131	7.95	0.57	91.96	0.48	0.16	0.08	

TABLE (14) :

PERCENTAGE SHARES OF VALUE OF DIFFERENT NON-FARM BUSINESS EQUIPMENTS
OWNED TO TOTAL VALUE BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household operational holding (code)	estimated value of non- farm equipments owned (Rs.00)	percentage of shares of values		
		plant and machinery	furniture and fixtures	tools and other equipments
(1)	(2)	(3)	(4)	(5)
0	1231260	26.54	31.68	41.78
1	45616	73.09	9.24	17.67
2	6201	-	70.46	29.54
3	86	-	-	100.00
4	14501	59.20	18.34	22.46
5	4466	-	93.33	6.67
6	135264	92.43	6.77	0.80
7	-	-	-	-
8	-	-	-	-
9	-	-	-	-
10	-	-	-	-
11	-	-	-	-
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
all sizes	1437394	34.35	28.85	36.80

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.

OWNED

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

State Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of household operational holding (code)	number of transport equipments owned per 100 households									
	boats	motor cars	carts	bicycles	motor cycles, scooters	trucks	trailers	passenger buses	animal driven	other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0	-	0.61	-	19.22	0.94	0.33	-	0.19	0.38	1.89
1	-	-	-	10.62	-	-	-	-	-	1.52
2	-	-	-	24.49	-	-	-	-	14.29	-
3	-	-	-	35.65	-	-	-	-	-	-
4	-	-	-	25.00	-	-	-	-	4.43	2.08
5	-	-	-	51.60	-	-	-	-	21.26	-
6	-	-	-	39.06	-	-	-	-	12.50	-
7	-	-	-	25.00	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	100.00	-	-	-	-	106.25	50.00
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
all sizes	-	0.51	-	20.41	0.80	0.28	-	0.16	1.48	1.82

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 Bihar										Urban
number of sample blocks : 312										number of sample households 1243
size class of household operational holding (code)	total value of six asset groups (Rs.00)	value of asset per 100 households (Rs.00)	value of asset per 100 hectares of operated area (Rs.00)	percentage shares of value of owned						
				cattle	buffaloes	other live-stock	agricultural machinery	non-farm business equipments	transport equipments	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
0	4949709	58362	4949709*	4.84	2.26	1.18	1.75	24.87	65.10	
1	119341	22732	271230	36.85	1.44	7.34	2.61	38.22	13.54	
2	102975	52538	177543	64.91	7.90	1.15	4.35	6.02	15.67	
3	37179	32330	72900	64.77	0.56	8.99	4.66	0.23	20.79	
4	225058	58583	80956	55.85	18.54	2.97	5.21	6.44	10.99	
5	227345	120928	86772	41.27	28.17	0.47	15.17	1.96	12.96	
6	338991	264837	107616	25.64	7.97	0.64	20.23	39.90	5.62	
7	19455	60797	17370	82.26	-	1.02	8.57	-	8.15	
8	116239	276760	60541	65.44	13.54	-	21.02	-	-	
9	-	-	-	-	-	-	-	-	-	
10	5557	23129	3385	14.28	71.43	-	14.29	-	-	
11	57748	360925	43096	56.44	6.87	-	3.43	-	33.26	
12	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	
all sizes	6199591	61096	385068	13.02	4.49	1.30	3.86	23.19	54.14	

* For the size class 0 actual value of asset (Rs.00) is recorded in column 3 instead of value of asset per 100 hectares of operated area.

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of operational holding (code)	estimated number of operational holding (00)			estimated area operated (00 hectares)		
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined
	(2)	(3)	(4)	(5)	(6)	(7)
1	654	396	525	53	35	44
2	234	158	196	72	41	58
3	150	80	115	65	37	51
4	82	285	384	338	219	278
5	218	157	188	318	206	262
6	133	124	128	332	297	315
7	16	48	32	50	174	112
8	52	32	42	230	153	192
9	-	-	-	-	-	-
10	-	48	24	-	329	164
11	17	16	16	140	129	134
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
all sizes	1956	1344	1650	1598	1623	1610

TABLE (18)

PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF OPERATIONAL HOLDINGS AND AREA OPERATED BY SIZE CLASS OF OPERATIONAL HOLDING

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of operational holding (code)	average area of operational holding (hectares)	percentage of		cumulative percentage of	
		operational holdings	area operated	operational holdings	area operated
(1)	(2)	(3)	(4)	(5)	(6)
1	0.08	31.82	2.71	31.82	2.71
2	0.30	11.33	5.59	43.70	6.30
3	0.44	6.97	3.17	50.67	9.47
4	0.72	23.27	17.29	73.94	26.76
5	1.39	11.39	16.26	85.33	43.02
6	2.46	7.76	19.55	93.09	62.57
7	3.50	1.94	6.98	95.03	69.55
8	4.57	2.55	11.88	97.58	81.43
9	-	-	-	97.58	81.43
10	6.85	7.45	10.20	99.03	91.63
11	8.38	0.97	8.37	100.00	100.00
12	-	-	-	100.00	100.00
13	-	-	-	100.00	100.00
14	-	-	-	100.00	100.00
all sizes	0.98	100.00	100.00		
estimated number of operational holdings(00)	x	1650	x		
estimated area operated (00 hectares)	x	x	1610		

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of operational holding (code)	estimated number of holdings (00)	percentage of holding reporting						
		owned area	leased in area					
			for fixed money	for fixed produce	for share of produce	under usu- fructuary mortgage	other terms	under any term
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	525	98.48	3.24	-	19.52	-	6.29	19.05
2	196	100.00	4.08	4.08	25.51	4.08	-	37.75
3	115	100.00	-	-	13.91	36.43	13.91	57.40
4	384	100.00	10.42	4.17	29.69	2.08	8.34	42.40
5	188	100.00	4.79	-	26.06	8.51	1.26	38.83
6	128	100.00	7.03	-	30.47	-	-	37.50
7	32	100.00	-	-	-	-	25.00	25.00
8	42	100.00	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	24	100.00	33.33	-	-	-	-	33.33
11	16	100.00	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	1650	99.52	5.52	1.45	19.27	4.49	5.88	32.73

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of operational holding (code)	estimated area operated (00 hectares)	percentage of operated area						total
		owned-	leased in					
			for fixed money	for fixed produce	for share of produce	under usu- fructuary mortgage	other terms	
(1)	(2)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	44	84.26	1.40	-	11.56	-	2.78	15.74
2	58	72.72	2.80	0.70	21.68	2.10	-	27.28
3	51	79.36	-	-	5.56	15.08	0.00	20.64
4	278	73.55	4.07	0.73	20.49	0.29	0.87	26.45
5	262	79.29	2.32	-	14.84	3.40	0.15	20.71
6	315	78.79	2.19	-	19.02	-	-	21.21
7	112	100.00	-	-	-	-	0.00	0.00
8	192	100.00	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	164	100.00	0.00	-	-	-	-	0.00
11	134	100.00	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
all sizes	1610	85.85	1.66	0.15	10.93	1.16	0.25	14.15

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

State . Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

size class of operational holding (code)	number of operational holding (00)	percentage of holdings		area operated (00 hectares)	percentage of area operated	
		individual	joint		individually	jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	525	100.00	-		100.00	-
2	196	100.00	-	58	100.00	-
3	115	100.00	-	51	100.00	-
4	384	100.00	-	278	100.00	-
5	188	100.00	-	262	100.00	-
6	128	100.00	-	315	100.00	-
7	32	100.00	-	112	100.00	-
8	42	100.00	-	192	100.00	-
9	-	-	-	-	-	-
10	24	100.00	-	164	100.00	-
11	16	100.00	-	134	100.00	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
all sizes	1650	100.00	100	1610	100.00	-

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

State : Bihar

Urban

number of sample blocks : 312

number of sample households : 1243

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 repor- ting holding during major crop season					
				all year	winter	spring	summer	perennial	
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	525	1.00	1.00	1.00	-	-	-	-	-
2	196	8.67	1.00	-	1.00	-	-	-	-
3	115	6.96	1.00	-	1.00	-	-	-	-
4	384	23.70	1.54	1.32	1.84	1.00	-	-	-
5	188	47.34	2.03	2.00	1.86	2.31	-	-	-
6	128	69.53	2.20	1.67	2.03	1.00	-	-	-
7	32	50.00	3.50	-	4.00	3.00	-	-	-
8	42	59.52	2.88	-	-	2.88	-	-	-
9	-	-	-	-	-	-	-	-	-
10	24	100.00	1.67	1.00	-	2.00	-	-	-
11	16	100.00	2.62	-	-	2.62	-	-	-
12	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
all sizes	1650	23.21	1.98	1.84	1.89	2.20	-	-	-

TABLE (1) :

ESTIMATED NUMBER OF HOUSEHOLDS, AREA OWNED AND HOUSEHOLD
SIZE BY SIZE CLASS OF HOUSEHOLD OWNERSHIP HOLDING

State : Bihar

Rural

number of sample villages : 384

number of sample households : 2849

size class of household ownership holding (code)	estimated number of households (00)			estimated area owned (00 hectares)			estimated household size		
	sub- sample 1	sub- sample 2	combin	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	4799	2320	3559	-	-	-	4.02	3.51	3.86
1	33625	31253	32439	1613	1610	1612	4.72	4.83	4.77
2	6827	8007	7417	1446	2270	1758	4.64	5.59	5.14
3	4599	3364	5982	2038	1470	1758	5.51	5.43	5.7
4	12333	10394	11363	3985	7143	3064	6.00	6.10	6.05
5	12913	11845	12379	17686	16531	17100	6.33	6.19	6.26
6	5247	5052	5149	12986	12214	12600	7.71	7.55	7.63
7	2361	2347	2354	7726	3065	7895	3.41	3.49	3.45
8	1200	1314	1297	5635	5733	5684	3.41	9.18	3.79
9	669	535	602	3633	2921	3277	3.49	3.76	3.61
10	695	851	773	4717	5996	5357	9.82	10.15	10.00
11	344	319	332	3043	2813	2928	11.00	10.36	10.68
12	162	62	112	1738	673	1206	10.05	5.76	5.6
13	112	155	134	1619	2274	1946	12.97	3.12	10.12
14	22	85	54	1142	2292	1717	9.18	14.70	13.26
all sizes	85988	77903	81946	74007	72013	73010	5.60	5.75	5.67

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

State : Bihar

Rural

number of sample villages : 34,

number of sample households : 2249

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	-	4.34	-	4.34	-
1	0.05	39.59	2.21	3.93	2.21
2	0.25	9.05	2.54	52.9	4.75
3	0.44	1.26	2.41	57.	7.16
	0.71	13.87	11.04	71.71	18.20
	1.38	15.11	23.43	66.32	41.53
6	2.45	6.28	17.26	93.10	59.89
7	3.35	2.87	10.81	95.97	69.70
8	4.33	1.58	7.79	97.55	77.43
9	5.44	0.73	4.49	93.23	81.98
10	6.33	0.94	7.34	99.22	92.32
11	8.82	0.41	4.01	99.63	93.33
12	10.77	0.14	1.65	99.77	94.93
13	14.52	0.16	2.67	99.93	97.65
14	31.80	0.07	2.35	100.00	100.00
all sizes	0.89	100.00	100.00		
estimated no. of households (00)	x	81946	x		
estimated area owned (00 hectares)	x	x	73010		
average area owned by land owning households (hectares)	0.93	x	x		

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

State : Bihar

Rural

number of sample villages : 384

number of sample households 2849

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing outland				estimated area owned (00 hectares)	percentage of owned area leased out			
		under usufructuary mortgage	on crop sharing basis	on other terms	under any term		under usufructuary mortgage	on crop sharing basis	on other terms	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	32439	4.64	0.74	2.63	1.86	1612	7.23	1.88	3.11	12.22
2	7417	11.69	3.36	6.53	21.17	1853	6.90	3.46	4.75	15.11
3	3932	11.73	2.71	4.17	17.28	1758	4.67	1.47	3.17	9.31
4	11363	10.15	1.65	4.26	19.06	8064	3.42	2.39	1.04	6.85
5	12379	14.07	4.33	3.15	20.13	17108	3.12	1.84	0.86	5.82
6	5149	11.19	6.95	9.79	26.24	12600	2.68	2.79	2.92	8.39
7	2354	9.47	7.77	8.41	22.22	7895	1.57	1.08	0.90	3.55
8	1297	12.95	7.32	9.64	27.63	5684	1.96	1.48	0.98	4.42
9	602	14.62	10.30	24.09	40.32	3277	2.38	6.03	3.93	12.34
10	773	9.31	12.16	11.33	29.75	5357	2.26	2.49	1.45	6.20
11	332	4.82	24.70	17.17	40.66	2928	0.68	4.19	1.50	6.37
12	112	5.36	5.35	17.86	24.11	1206	1.51	0.07	1.11	2.69
13	134	-	-	15.67	15.67	1946	-	-	1.10	1.10
14	54	-	-	40.74	40.74	1717	-	-	11.52	11.52
all sizes	78387	8.78	3.24	4.54	15.80	73010	2.67	2.19	1.92	6.78

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 . Bihar

Rural

number of sample villages : 384

number of sample households

2849

size class of household ownership holding (code)	estimated number of household (00)	percentage of households leasing in land						estimated area owned (00 hectares)	percentage of area leased in					total
		for fixed money	for fixed pro-duce	for share of pro-duce	under usufructuary mort-gage	on other terms	under any term		for fixed money	for fixed pro-duce	for share of pro-duce	under usufructuary mort-gage	on other terms	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0*	3559	5.03	0.57	9.55	1.24	76.65	83.56	-	1	-	107	1	66	175
1	32439	1.11	2.97	24.40	4.74	6.47	34.00	1612	5.82	43.39	182.70	5.55	24.65	262.61
2	7417	1.83	1.96	25.63	1.70	3.67	33.36	1858	17.55	7.23	41.59	1.22	0.28	67.87
3	3982	-	6.18	28.73	7.28	2.76	40.18	1753	-	9.28	33.07	3.91	0.12	46.38
4	11363	1.20	0.74	32.21	2.38	2.18	36.26	8064	0.19	0.60	24.01	0.63	0.75	26.18
5	12379	0.47	0.44	15.59	5.89	2.89	23.41	17108	0.13	0.30	8.48	1.18	0.42	10.51
6	5149	0.95	0.66	13.28	5.42	5.65	24.35	12600	0.09	0.25	3.63	0.56	0.89	5.42
7	2354	1.66	0.68	9.43	5.86	2.76	18.70	7895	0.09	0.13	2.16	0.48	0.50	3.36
8	1297	1.54	2.47	3.70	9.10	2.78	18.04	5634	0.01	0.72	0.39	1.01	0.76	2.89
9	602	3.65	-	2.94	8.47	4.14	16.26	3277	0.54	-	0.37	1.40	0.51	2.82
10	773	-	-	5.69	3.62	-	9.31	5357	-	-	1.29	0.41	-	1.70
11	332	-	-	3.13	5.42	1.81	15.66	2928	-	-	0.73	0.46	0.61	1.85
12	112	-	-	5.36	-	-	5.36	1206	-	-	0.20	-	-	0.20
13	134	6.72	-	-	4.48	3.73	17.93	1946	0.25	-	-	0.02	2.72	2.99
14	54	-	-	-	-	-	-	1717	-	-	-	-	-	-
all sizes	81946	1.23	1.91	21.89	4.42	7.66	33.48	73010	0.68	1.63	11.71	0.93	1.22	16.17

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

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

State : Bihar

Rural

number of sample villages : 384

number of sample households : 2849

size class of household operational holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated household size		
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	19991	13853	16922	x	x	x	4.17	4.42	4.27
0.1	15122	12287	14354	x	x	x	x	x	x
0.2	3569	1566	2568	x	x	x	x	x	x
1	12935	13817	13376	12	1368	1290	4.92	4.62	4.76
2	8137	9487	10312	2289	2315	2322	4.82	4.70	4.89
3	4376	7125	3750	1938	1393	1666	4.78	5.77	5.17
4	13895	11698	12797	10012	8686	9389	5.63	6.10	5.84
5	15098	11246	15172	21513	2071	21193	6.46	6.08	6.27
6	5465	5732	5599	13553	13857	13710	7.52	7.75	7.64
7	2788	2772	2730	9593	9552	9575	8.61	8.63	8.65
8	1299	1220	1260	5907	5372	5570	9.63	8.89	9.27
9	627	586	606	3388	3207	3296	9.75	7.33	9.09
10	774	813	791	5278	5745	5512	9.9	10.63	10.40
11	295	284	290	2603	2558	2584	12.10	11.70	11.80
12	186	131	109	2004	341	1172	10.04	4.24	9.35
13	100	172	136	1423	2561	1992	10.81	8.03	9.05
14	22	67	44	1015	1929	1472	25.07	16.84	19.09
all sizes	85988	77903	81946	81858	79667	80763	5.60	5.75	5.67

TABLE (6)

PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS AND
OF AREA OPERATED BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State Bihar		Rural			
number of sample villages : 384		number of sample households : 2849			
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	-	20.65	-	20.65	-
1	0.10	16.32	1.60	36.97	1.60
2	0.28	10.14	2.88	47.11	4.48
3	0.44	4.58	2.06	51.69	6.54
	0.73	15.62	11.62	67.31	18.16
5	1.10	18.52	26.24	85.83	44.40
6	2.45	6.83	16.98	92.66	61.38
7	3.44	3.39	11.86	96.05	73.24
8	4.44	1.54	6.92	97.59	80.16
9	5.44	0.74	4.08	98.33	84.24
10	6.94	0.97	6.82	99.30	91.06
11	3.91	0.35	3.20	99.65	94.26
12	10.85	0.13	1.45	99.78	95.71
13	14.65	0.17	2.47	99.95	98.18
14	33.46	0.05	1.82	100.00	100.00
all sizes		0.99	100.00	100.00	
estimated number of households (00)		x	81946	x	
estimated area operated (00 hectares)		x	x	80763	
average area operated by land operating households (hectares)		1.24	x	x	

TABLE (7) :

ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100
HOUSEHOLDS BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State	Bihar								Rural
number of sample villages :	384							number of sample households	2849
size class of household operational holding (code)	number of cattle owned per 100 households								
	males over 3 years			females over 3 years			young stock	total	
	working	others	sub-total	in milk	others	sub-total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
0	4.37	2.18	6.84	5.25	8.75	14.20	8.69	29.72	
1	12.40	6.14	18.60	6.16	13.70	19.86	14.66	50.12	
2	32.05	1.22	33.37	1.85	17.34	32.19	19.54	85.10	
3	80.61	5.23	85.84	15.53	29.76	45.44	24.30	136.00	
4	85.62	1.97	87.66	15.32	19.48	34.80	28.24	156.00	
5	137.65	9.06	146.71	18.22	30.79	49.71	39.14	235.56	
6	193.75	8.54	202.29	33.40	48.44	81.84	55.15	339.28	
7	215.04	9.64	224.68	51.79	62.16	111.14	69.25	308.17	
8	253.33	21.60	277.93	48.25	11.92	93.17	67.54	438.64	
9	293.89	15.18	309.07	46.20	72.20	118.40	73.60	501.15	
10	341.31	20.91	362.22	81.36	31.23	162.59	116.25	511.06	
11	357.24	6.90	364.14	56.20	82.41	139.31	21.21	602.76	
12	518.52	5.56	524.08	111.11	69.41	180.25	120.37	825.00	
13	481.62	45.59	527.21	129.41	164.71	294.12	236.03	1057.36	
14	731.82	88.64	820.46	129.54	204.56	334.10	138.64	1293.20	
all sizes	81.79	5.63	87.42	16.76	24.14	40.90	28.78	157.10	

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

State . Bihar

Rural

number of sample villages : 384

number of sample households : 2849

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			females over 3 years					
	working	others	sub-total	in milk	others	sub-total			
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	0.02	-	0.02	2.00	2.90	4.90	2.04	6.96	36.68
1	1.30	-	1.30	2.21	4.20	6.41	1.41	9.23	62.35
2	2.50	-	2.50	5.83	4.28	10.11	7.23	19.84	104.94
3	-	-	-	11.02	8.67	20.59	3.60	29.23	135.31
4	5.00	1.77	6.77	10.85	10.86	21.71	6.74	36.66	187.46
5	10.71	0.29	11.00	17.63	11.05	28.68	16.48	64.16	299.72
6	13.74	1.13	14.87	24.43	18.77	43.20	19.86	83.28	422.56
7	32.23	-	32.23	32.38	21.94	54.32	23.27	114.82	522.99
8	38.10	1.58	39.68	43.33	30.79	74.12	37.46	151.26	589.90
9	40.42	1.96	42.38	43.73	43.13	86.86	50.17	137.03	686.13
10	35.11	1.51	36.62	50.41	30.23	80.64	53.40	175.11	816.25
11	36.55	0.60	37.15	66.21	32.41	98.62	63.45	200.28	1111.21
12	70.37	-	70.37	77.78	11.11	88.89	92.55	251.35	1076.85
13	70.41	-	70.41	66.18	52.20	118.38	72.02	267.81	1327.17
14	45.45	-	45.45	88.64	25.00	113.64	59.09	213.18	1511.33
all sizes	8.97	0.52	9.49	11.65	9.24	20.89	10.16	40.54	197.64

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

State : Bihar

Rural

number of sample villages : 384

number of sample households : 2849

size class of household operational holding (code)	number of cattle owned per 100 hectares of operated area							
	males over 3 years			females over 3 years			young stock	total
	working	others	sub-total	in milk	others	sub-total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0*	739	419	1157	889	1514	2403	1468	5028
1	129.26	63.73	192.99	63.90	142.03	205.93	152.04	550.96
2	114.73	4.74	119.47	53.10	62.05	115.15	69.93	304.55
3	181.2	11.76	193.18	3	66.99	102.27	50.0	251.29
4	116.76	2.69	119.47	20.83	26.54	47.42	38.62	205.51
5	98.24	6.38	104.92	13.54	22.04	35.58	28.02	168.52
6	79.12	3.48	82.60	13.64	19.77	33.41	22.54	138.55
7	62.42	2.79	65.21	15.10	18.04	33.14	20.04	118.39
8	57.10	5.54	62.64	10.87	10.13	21.00	15.22	98.86
9	51.02	.72	56.81	8.50	13.29	21.79	13.52	92.12
10	49.17	3.01	52.18	11.71	11.71	23.42	16.75	92.35
11	40.05	.77	40.82	6.38	9.24	15.62	11.14	67.58
12	47.79	0.52	48.31	10.23	6.40	16.63	11.09	76.03
13	32.00	3.11	36.00	8.85	11.24	20.09	16.11	72.20
14	21.07	2.64	24.51	3.88	6.10	9.98	4.15	38.64
all sizes	82.93	5.71	88.69	17.00	24.49	41.49	29.21	159.39

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

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

State	Bihar								Rural
number of sample villages :	384							number of sample households	2849
size class of household operational holding (code)	number of buffaloes owned per 100 hectares of operated area						young stock	total	number of cattle and buffaloes owned per 100 hectares of operated area
	males over 3 years			females over 3 years					
(1)	working	others	sub-total	in milk	others	sub-total	(16)	(17)	(18)
*	30	-	30	339	490	829	346	1205	6233
1	11.23	-	11.23	22.95	43.64	66.60	14.88	95.71	616.67
2	8.91	-	8.91	20.88	15.32	36.20	25.87	71.01	375.56
3	-	-	-	26.81	19.52	46.33	19.45	65.81	417.10
4	8.77	2.42	11.19	14.73	14.20	29.53	9.19	49.96	255.47
5	13.39	0.20	13.59	12.63	7.91	20.94	11.79	46.32	214.84
6	7.66	0.59	8.25	9.92	7.66	17.61	8.10	33.99	172.54
7	9.36	-	9.36	9.39	6.38	15.77	8.20	33.33	151.72
8	8.60	0.35	8.95	9.76	6.94	15.70	8.45	34.10	132.96
9	7.51	0.37	7.88	8.03	8.25	15.73	9.22	33.90	126.10
10	5.06	0.22	5.23	7.91	4.35	12.26	7.63	25.22	117.57
11	4.10	1.09	5.19	7.41	3.63	11.07	7.12	23.38	90.96
12	6.47	-	6.47	7.16	0.35	7.51	7.51	21.49	97.52
13	5.41	-	5.41	4.52	3.56	5.08	4.92	18.41	90.61
14	1.36	-	1.36	2.64	0.76	3.40	1.78	6.54	45.13
all sizes	9.09	0.52	9.61	11.34	9.36	21.20	10.30	41.11	200.50

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

TABLE (9) :

PERCENTAGE OF HOUSEHOLDS NOT HAVING WORKING CATTLE AND
BUFFALOES BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State : Bihar

Rural

number of sample villages : 384

number of sample households . 2849

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
		cattl.	buffaloes	
(1)	(2)	(3)	(4)	(5)
0	16922	37.03	99.85	36.97
1	13375	90.76	99.01	87.94
2	3312	74.70	97.50	72.21
3	3750	45.49	100.00	5.49
4	11707	37.06	95.02	39.02
5	15172	20.33	91.17	11.23
6	5139	11.31	69.41	1.02
7	2730	9.63	66.33	3.12
8	1260	9.94	63.07	4.60
9	606	5.61	84.32	2.64
10	794	6.93	94.26	5.16
11	220	2.41	81.33	-
12	103	11.11	67.50	11.11
13	136	16.18	77.70	16.18
14	44	-	70.45	-
all sizes	81046	55.55	95.29	52.01

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	Bihar								Rural
number of sample villages :	384							number of sample households	2849
size class of households operational holding (code)	number owned per 100 households								
	sheep	goats	horses & ponies	mules	donkeys	camels	other draught animals	pigs	poultry
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	1.7	23.02	0.15	-	1.22	-	0.15	7.55	48.82
1	0.16	28.63	0.49	-	0.99	-	-	2.08	40.74
2	0.53	14.49	-	-	2.38	-	-	-	11.48
3	19.36	49.28	2.19	-	-	-	-	9.25	104.21
	1.12	50.93	1.11	-	1.11	-	-	3.31	69.75
5	5.28	81.89	0.44	-	-	-	-	8.51	134.73
6	14.65	131.34	0.11	-	1.46	-	-	11.56	148.63
7	69.35	106.55	1.23	-	-	-	0.61	14.03	215.14
8	5.95	71.59	3.17	-	-	-	-	2.70	93.10
9	7.76	85.16	-	-	-	-	-	21.45	158.23
10	3.78	88.11	0.76	-	-	-	0.76	2.39	113.73
11	26.90	93.10	-	-	-	-	-	11.03	98.28
12	60.18	86.11	-	-	-	-	-	10.85	411.11
13	-	103.68	4.41	-	-	-	-	-	110.29
14	-	-	13.64	-	-	-	-	-	-
all sizes	6.19	55.09	0.65	-	0.93	-	0.06	5.96	83.65

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

State	Bihar										Rural	
number of sample villages :	384							number of sample households			2849	
size class of household .. operational holding - (code)	number of agricultural machinery owned per 100 households											
	ploughs wooden	ploughs iron	harrows	sred drills	sprayers	dusters	tractors					
							less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
0	0.53	-	0.40	-	-	-	-	-	-	-	-	
1	10.27	3.65	3.56	-	0.19	-	-	-	-	-	-	
2	12.90	1.52	7.50	-	0.79	-	-	-	-	-	-	
3	55.57	1.76	19.57	1.28	-	2.61	-	-	-	-	-	
4	67.19	4.00	38.13	1.28	0.38	-	-	-	-	-	-	
5	103.18	11.36	52.33	2.58	0.32	1.38	-	-	-	-	-	
6	122.84	16.65	73.21	5.65	0.36	2.86	-	-	-	-	-	
7	146.13	11.51	85.40	8.24	0.32	4.16	-	-	-	-	-	
8	171.19	23.33	78.17	12.06	0.32	3.10	-	-	-	-	-	
9	176.57	17.19	85.31	6.93	-	4.93	-	-	-	-	-	
10	222.04	31.13	101.76	16.62	3.65	7.81	-	-	-	-	-	
11	222.83	15.52	115.86	17.93	1.72	10.69	-	-	-	2.07	-	
12	287.04	18.52	83.33	36.11	-	10.18	-	-	-	-	-	
13	277.21	32.35	133.10	72.06	-	17.65	-	-	-	12.50	-	
14	359.09	93.18	222.73	181.82	-	43.18	-	13.64	-	-	-	
all sizes	59.56	6.19	29.54	2.13	0.36	0.99	-	0.01	-	0.03	-	

TABLE (11) CONTD. :

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

State : Bihar

Rural

number of sample villages : 384

number of sample households

2849

size class of household operational holding (code)	number of agricultural machinery owned per 100 households						
	threshers	pumps			can. crushers	oil crushers	others
		electric	diesel	other			
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
0	-	-	-	-	-	-	77.09
1	-	-	-	-	-	-	183.16
2	-	-	-	-	-	-	207.31
3	-	-	-	-	-	-	238.30
4	-	-	-	-	-	-	367.91
5	0.20	0.24	0.20	1.28	1.34	-	375.13
6	-	1.82	0.91	0.88	0.36	-	463.28
7	0.14	1.40	0.54	1.76	2.91	-	497.90
8	-	4.60	4.21	-	-	0.64	652.22
9	-	5.61	3.46	0.99	0.66	0.95	706.93
10	12.34	15.49	8.82	2.02	0.83	-	811.59
11	-	4.83	10.34	-	4.14	-	704.14
12	-	18.52	10.18	-	5.56	-	469.44
13	4.41	13.97	28.68	-	-	4.41	810.29
14	13.64	45.45	22.73	29.55	45.45	-	795.45
all sizes	0.18	0.56	0.42	0.40	0.46	0.02	284.08

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 : Bihar

Rural

number of sample villages : 384

number of sample households : 2849

size class of household operational holding (code)	estimated number of agricultural machinery per 100 hectares of operated area				estimated area operated per tractor (0.00 hectares)					
	ploughs wooden	ploughs iron	harrows	seed drills	less than 10 h.p.	10-14 h.p.	15-19 h.p.	20 h.p. & above	h.p. not available	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	106.52	37.50	36.92	-	-	-	-	-	-	-
2	153.57	5.44	26.84	-	-	-	-	-	-	-
3	125.11	3.95	14.06	2.39	-	-	-	-	-	-
	91.53	5.6	51.96	1.75	-	-	-	-	-	-
5	73.06	2.13	37.46	1.85	-	-	-	-	-	-
6	50.16	6.80	29.90	2.30	-	-	-	-	-	-
7	42.60	3.34	24.78	2.40	-	-	-	-	-	-
8	38.60	5.26	17.62	2.72	-	-	-	-	-	-
9	32.44	3.21	15.62	1.28	-	-	-	-	-	-
10	32.00	4.92	14.65	2.40	-	-	-	-	-	-
11	25.01	5.11	13.00	2.00	-	-	-	8.31	-	8.31
12	26.44	1.70	7.63	3.34	-	-	-	-	-	-
13	18.98	2.20	9.09	4.92	-	-	-	12.60	-	12.60
14	10.72	2.79	6.65	5.44	-	29.23	-	-	-	29.23
all sizes	60.44	6.28	29.97	2.15	-	29.23	-	11.58	-	15.22

TABLE (13)

PERCENTAGE OF HOUSEHOLDS REPORTING PUMPS AND PLOUGHS
BY SIZE CLASS OF HOUSEHOLD OPERATIONAL HOLDING

State	Bihar							Rural
number of sample villages :	384					number of sample households		2849
size class of household operational holding (code)	number of households (00)	ploughs		percentage of households reporting neither wooden nor iron plough	pumps			
		wooden	iron		electric	diesel	other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
0	16922	0.95	-	99.05	-	-	-	-
1	13375	10.61	3.57	89.36	-	-	-	-
2	3312	23.13	2.23	71.57	-	-	-	-
3	3750	59.20	1.76	40.80	-	-	-	-
	12797	63.55	3.21	31.45	-	-	-	-
5	15172	90.09	3.32	9.09	0.31	0.29	1.19	-
6	5599	65.09	24.11	3.86	2.11	1.23	0.88	-
7	2780	93.12	10.65	1.53	3.71	1.12	2.45	-
8	1260	99.52	18.73	0.48	6.11	4.44	-	-
9	606	99.00	10.56	1.00	5.24	1.62	0.99	-
10	794	97.23	20.40	2.77	18.51	16.75	2.39	-
11	290	100.00	21.38	-	2.07	10.35	-	-
12	108	88.89	13.52	11.11	10.18	10.13	-	-
13	136	38.24	19.12	4.11	8.82	23.63	-	-
14	44	100.00	31.82	-	45.45	27.27	31.82	-
all sizes	81946	47.94	5.73	51.14	0.80	0.55	0.41	-

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

State Bihar

Rural

number of sample villages : 384

number of sample households

2849

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households									
	hand-loom	semi-automatic & power looms	spinning, pressing & baling equipments	reeds, bobbins and other accessories used in spinning & weaving	ghanis	oil-mills (power-driven)	rice milling and pounding equipments	flour milling & grinding equipments	sewing machines	other tailoring equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
0	0.08	-	-	0.69	-	-	0.55	0.55	1.04	0.78
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	0.53	0.53	0.53	4.75	-
3	2.72	-	-	-	-	-	1.17	1.17	2.35	2.35
4	0.36	-	-	-	-	-	-	-	1.02	0.52
5	-	-	-	-	-	-	-	-	0.44	-
6	0.91	-	16.40	-	-	-	-	-	0.43	-
7	-	-	0.36	0.79	-	-	-	0.36	0.86	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	0.63	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	5.56	4.63	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	9.09	6.82	6.82	-	-
all sizes	0.26	-	1.13	0.17	-	0.06	0.23	0.25	1.10	0.35

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

State Bihar

Rural

number of sample villages : 384

number of sample households : 2849

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households												
	manually operated	saws power driven	lathes	casting, melting & welding equipments	furnace, bellows and other equipment in smithy shop	kilns	potter's wheels	scales, weights & measures	fishing nets & accessories	musical instruments	electric motors	oil engines	other equipments
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
0	0.95	-	-	-	1.02	-	1.33	14.53	0.99	0.15	-	-	23.09
1	14.76	-	-	-	0.73	-	-	6.10	0.73	-	-	-	11.95
2	-	-	-	-	7.36	-	1.16	-	-	-	-	-	10.47
3	-	-	-	-	19.52	-	1.28	-	-	-	-	-	51.28
4	-	-	-	-	22.17	-	2.16	-	-	-	-	-	20.25
5	-	-	-	-	15.53	-	0.31	9.33	-	-	-	-	6.43
6	0.30	0.29	-	-	-	2.52	-	0.15	-	-	-	-	18.17
7	-	-	-	3.78	3.33	-	-	5.76	-	-	-	-	23.56
8	-	-	-	-	-	-	-	7.70	-	-	-	-	0.79
9	-	-	-	-	-	-	-	0.99	-	-	-	-	16.60
10	-	-	-	-	-	-	-	10.00	7.56	-	-	-	3.82
11	-	-	-	-	-	-	-	47.24	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	31.82	-	-	9.09	-	-
all sizes	2.63	0.02	-	0.30	10.03	0.19	0.35	6.36	0.33	0.03	0.01	-	16.77

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

State : Bihar

Rural

number of sample villages : 384

number of sample households : 2849

size class of household operational holding (code)	number of transport equipments owned per 100 households								
	bats	motor cars	carts	bicycles	motor cycles/scooters	trucks	trailers	passenger buses	others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	-	-	1.01	2.31	-	-	-	-	0.14
1		-	1.57	3.12	-	-	-	-	-
2	0.	-	0.79	4.21	-	-	-	-	-
3	-	-	1.70	2.93	-	-	-	-	-
4	0.23	-	0.25	5.61	-	-	-	-	1.00
5	-	-	8.4	6.7	-	-	-	-	0.20
6	0.29	-	13.43	16.54	-	-	-	-	0.39
7	-	-	13.96	19.35	0.32	-	-	-	-
8	-	-	18.57	25.80	-	-	-	-	-
9	-	-	32.01	27.39	-	-	-	-	-
10	-	-	27.08	31.19	-	-	-	-	-
11	3.10	-	35.17	46.90	-	-	-	-	-
12	-	-	35.19	16.67	-	-	-	-	-
13	-	-	35.31	47.06	-	-	13.24	-	-
14	-	-	31.82	63.63	-	-	-	-	-
all sizes	0.08	-	4.52	7.63	0.01	-	0.02	-	0.25

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

State Bihar		Rural							
number of sample villages : 384		number of sample households 2849							
size class of household operational holding (coups)	total value of six asset groups (Rs.00)	value of asset per 100 households (Rs.00)	value of asset per 100 hectares of operated area (Rs.00)	percentage shares of value of owned					
				cattle	buffaloes	other live-stock	agricultural machinery	non-farm business equipments	transport equipments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	1496299	8212	1496299*	16.66	23.11	12.34	3.07	8.95	5.79
1	1637716	12613	130830	53.91	19.02	8.53	5.42	7.43	5.60
2	1641033	22119	79286	56.63	24.89	4.76	1.96	5.17	3.29
3	151915	38717	87150	57.98	22.33	7.20	2.03	4.42	3.09
4	5563610	2	59470	56.29	28.33	1.76	6.40	1.28	2.94
5	11357263	75120	53778	58.00	26.57	3.36	8.71	0.20	3.05
6	6879293	122856	50177	56.53	24.73	2.76	10.46	0.19	5.28
7	1711037	169191	9211	55.06	26.10	3.41	9.27	2.17	4.06
8	3192993	252611	56939	51.06	22.03	2.00	13.07	0.11	3.70
9	1175963	23500	44780	52.50	26.94	1.50	13.10	0.36	5.60
10	2922873	353121	53028	54.07	13.41	1.10	20.62	1.47	4.33
11	1118605	35726	43290	47.15	17.56	0.92	23.40	0.70	5.27
12	529805	190560	45205	59.17	16.27	0.84	13.40	3.04	2.28
13	1226167	901593	61554	31.35	11.66	0.43	47.62	-	8.91
14	480335	1091670	32631	42.70	10.51	1.41	40.16	3.44	1.78
all sizes	45985722	56117	56939	54.90	24.14	3.62	11.53	1.60	4.16

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

TABLE (17) :

ESTIMATED NUMBER OF OPERATIONAL HOLDINGS AND AREA
OPERATED BY SIZE CLASS OF OPERATIONAL HOLDING

State Bihar							Rural
number of sample villages : 384							number of sample households 2849
size class of operational holding (code)	estimated number of operational holdings (00)			estimated area operated (00 hectares)			
	sub-sample 1	sub-sample 2	combined	sub-sample 1	sub-sample 2	combined	
(1)	(2)	(3)	(4) ✓	(5)	(6)	(7) ✓	
1	12935	13606	13311 } }	1211	1368	1290 } }	
2	137	27	3312 } }	2239	2356	2322 } }	
3	211	3125	3710 } }	1938	1393	1666 } }	
4	13205	11052	12724 } }	10022	636	9389 } }	
5	1,972	15105	15034 } }	2163	2071	21123 } }	
6	5465	5597	5531 } }	13563	13057	13710 } }	
7	2733	2772	2730 } }	3593	4552	9575 } }	
8	1273	1213	1243 } }	5007	5372	5590 } }	
9	637	580	608 } }	3330	3205	3296 } }	
10	774	733	731 } }	5273	5745	5512 } }	
11	295	234	239 } }	2609	255	2534 } }	
12	186	31	10 } }	201	31	1172 } }	
13	100	172	136 } }	1423	2551	1992 } }	
14	22	67	44 } }	1015	1929	1472 } }	
all sizes	65773	63549	64661	51853	73067	80763	

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

State : Bihar

Rural

number of sample villages : 384

number of sample households : 2849

size class of operational holding (code)	average area of an operational holding (hectares)	percentage of		cumulative percentage of	
		operational holdings	area operated	operational holdings	area operated
(1)	(2)	(3)	(4)	(5)	(6)
1	0.10	20.59	1.59	20.59	1.59
2	0.28	12.85	2.87	33.44	4.46
3	0.45	5.74	2.06	39.18	6.52
4	0.74	19.68	11.62	58.86	18.14
5	1.40	23.32	26.22	82.18	44.36
6	2.48	8.55	16.97	90.73	61.33
7	3.44	4.30	11.95	95.03	73.28
8	4.50	1.92	6.92	96.95	80.20
9	5.42	0.94	4.08	97.89	84.28
10	7.05	1.21	6.82	99.10	91.10
11	8.94	0.45	3.19	99.55	94.29
12	10.85	0.17	1.44	99.72	95.73
13	14.65	0.21	2.46	99.93	98.19
14	35.45	0.07	1.81	100.00	100.00
all sizes	1.25	100.00	100.00		
estimated number of operational holding (00)	x	64661	x		
estimated area operated (00 hectares)	x	x	80763		

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

State Bihar		Rural							
number of sample villages : 384		number of sample households 2849							
size class of operational holding (code)	estimated number of holdings (00)	percentage of holdings reporting							
		owned area	leased in area					under any term	
(1)	(2)	(3)	for fixed tenure (4)	for fixed produce (5)	for share of produce (6)	under usufruct mortgage (7)	other terms (8)	(9)	
1	13311	8.5	0.28	1.44	10.15	7.66	0.4	31.71	
2	8312	9.71	0.23	0.73	0.0	3.72	6.67	41.50	
3	3710	100.00	0.00	-	30.73	5.10	4.34	41.25	
4	12724	90.9	0.0	2.21	34.88	4.17	6.72	47.03	
5	15084	100.0	0.80	3.23	32.87	3.77	4.17	43.98	
6	5531	100.0	1.74	2.30	21.99	4.83	2.93	32.02	
7	2780	100.0	0.51	0.86	20.86	9.68	4.53	36.04	
8	1243	100.00	3.14	3.86	14.48	3.78	.	27.03	
9	608	100.00	1.97	1.97	16.94	12.50	2.96	36.02	
10	781	100.00	0.77	1.28	8.07	7.94	3.97	21.25	
11	280	100.00	-	-	9.00	8.30	2.42	19.62	
12	108	100.0	-	-	11.11	-	11.11	16.67	
13	136	100.00	6.62	-	-	4.41	-	11.03	
14	44	100.00	-	-	-	-	13.64	13.64	
all sizes	64661	9.07	1.22	1.93	27.80	3.79	6.14	39.78	

2632
27.39
16.47

TABLE (19) CONTD.

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

State	Bihar							Rural	
		number of sample villages : 384						number of sample households	2849
size class of operational holding (code)	estimated area operated (00 hectares)	owned	percentage of operated area						total
			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	120	66.55	1.26	1.82	21.01	0.95	7.63	32.45	6.74
2	2322	70.92	0.02	0.12	22.93	2.65	3.36	29.08	
3	1666	57.64	0.62	-	27.25	2.21	2.21	32.26	97.17
	938	70.95	0.50	1.26	18.52	1.11	2.66	24.05	
5	21193	79.25	0.07	2.09	16.77	0.69	0.43	20.05	400.20
6	13710	88.37	0.22	0.82	9.29	0.73	0.52	11.63	200.86
7	9575	91.15	0.08	0.22	7.23	0.95	0.35	3.85	
8	5590	94.49	0.01	0.91	3.58	0.13	0.35	5.51	
9	3205	89.18	0.09	0.93	7.09	1.87	0.84	10.82	
10	5512	95.22	0.13	0.20	2.58	1.07	0.80	4.78	118
11	2584	95.43	-	-	1.70	0.68	1.19	3.57	
12	1172	96.62	-	-	1.66	-	1.72	3.38	
13	1992	99.74	0.24	-	-	0.02	-	0.26	
14	1472	96.39	-	-	-	-	3.61	3.61	
all sizes	80763	85.50	0.18	1.01	11.35	0.87	1.09	14.50	11713.26

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

State : Bihar

Rural

number of sample villages : 384

number of sample households • 2849

size class of operational holdings (code)	number of operational holdings (00)	percentage of holdings		area operated (00 hectares)	percentage of area operated	
		individual	joint		individually	jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	13311	99.75	0.25	1290	99.31	0.69
2	8312	99.80	0.	9322	99.70	0.28
3	3710	98.89	1.11	1666	97.76	2.24
4	12721	99.80	0.20	38	99.19	0.81
5	15081	99.50	0.50	2123	99.10	0.90
6	5531	93.82	1.18	13710	97.72	2.28
7	2780	100.00	-	9575	100.00	-
8	1243	99.20	0.80	590	97.32	2.18
9	608	99.01	0.99	3236	98.97	2.03
10	781	98.98	1.02	5512	97.91	2.49
11	289	100.00	-	2581	100.00	-
12	108	100.00	-	1172	100.00	-
13	136	100.00	-	1992	100.00	-
14	44	100.00	-	1472	100.00	-
* all sizes	64661	99.57	0.43	80763	98.81	1.19

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

State Bihar		Rural								
number of sample villages : 387				number of sample households : 2849						
size class of operational holding (code)	number of holdings (00)	percentage of holdings reporting attached farm workers	average number of farm workers per reporting holding during major crop season	average number of farm workers per reporting holding during major crop season						
				autumn	winter	spring	summer	perennial		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1	13311	1.00	1.08	1.00	1.00	2.02	-	-		
2	5312	11.68	1.11	1.35	1.00	1.00	-	-		
3	3710	10.08	1.00	1.00	1.00	1.00	-	-		
4	12724	16.52	1.45	1.50	1.37	1.00	-	-		
5	15084	25.40	1.70	2.00	1.32	1.78	-	-		
6	5531	36.83	1.63	1.10	1.81	1.21	-	-		
7	2780	40.72	2.76	3.26	2.65	1.78	-	-		
8	1243	60.34	2.56	2.67	2.71	2.17	-	-		
9	608	57.80	2.49	-	1.23	2.67	-	-		
10	701	68.50	3.44	5.33	3.65	2.35	-	-		
11	289	67.47	3.71	1.44	4.52	2.05	-	-		
12	103	88.89	4.97	-	5.51	3.66	-	-		
13	136	92.65	5.25	-	6.80	2.88	-	-		
14	14	88.64	4.38	-	3.05	5.79	-	-		
all sizes	64661	21.63	1.80	1.63	1.85	1.78	-	-		

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Sl. No.	Page No.	Table No.	Size Class	Column No.	Original Entry	Revised Entry
(0)	(1)	(2)	(3)	(4)	(5)	(6)
1	15	1	1	3	34451	34 761
2	15	1	8	5	6152	6151
3	17	3	12	7	1260	1206
4	18	4	All	14	1.28	1.20
5	23	8	14	2	21.67	21.87
6	32	16	5	6	26.00	26.60
7	33	17	13	2	100	100
8	34	18	Bottom	4	203551	82373
9	40	2	1	4	3.82	3.81
10	40	2	1	6	3.82	3.81
11	40	2	2	4	4.51	4.55
12	40	2	2	6	8.33	8.36
13	40	2	3	6	11.34	11.37
14	40	2	4	4	13.51	13.52
15	40	2	4	6	24.85	24.89
16	40	2	5	6	40.40	40.44
17	40	2	6	4	14.38	14.35
18	40	2	6	6	54.78	54.79
19	40	2	7	4	9.48	9.46
20	40	2	7	6	64.25	64.25
21	40	2	8	4	11.39	11.37
22	40	2	8	6	75.65	75.62
23	40	2	9	6	76.91	76.88
24	40	2	10	4	5.00	4.98
25	40	2	10	6	81.91	81.86
26	40	2	11	4	6.13	6.15
27	40	2	11	6	88.04	88.01
28	40	2	12	6	88.04	88.01
29	40	2	13	6	88.04	88.01
30	40	2	14	4	11.96	11.99
31	44	6	10	2	6.83	6.85
32	65	1	2	9	5.59	5.57
33	74	8	5	15	20.94	20.54
34	74	8	5	17	46.32	45.92
35	74	8	5	18	214.84	214.44