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जात सम्बन्धी सारणीयाँ  
TABLES  
ON  
LAND HOLDINGS

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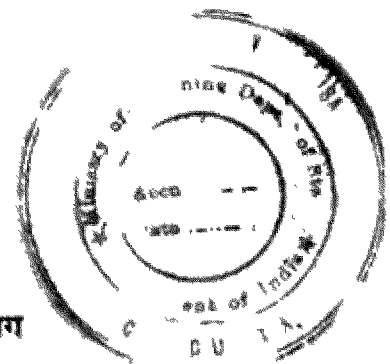
VOLU 1 2

सरकार

योजना मंत्रालय सांख्यिकी विभाग

राष्ट्रीय प्रतिदर्श सर्वेक्षण संगठन

निगमित



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

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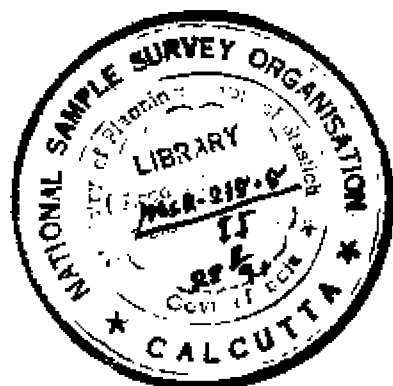
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NATIONAL SAMPLE SURVEY

TWENTYSIXTH ROUND : JUL 1971 - SEP 1972

NUMBER 215.5



TABLES ON LAND HOLDINGS AT REGION LEVEL

STATE : HARYANA

VOLUME II



NATIONAL SAMPLE SURVEY ORGANISATION

DEPARTMENT OF STATISTICS, MINISTRY OF PLANNING

GOVERNMENT OF INDIA

JULY 1975

CONTENTS

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

SURVEY 0

Introduction

1. With the assistance of the Government of India to participate in the world-wide census, sponsored by the United Nations, the Government of India has initiated a series of surveys in the field of land and agriculture with the object of obtaining comparable information on the structure of the economy. The first survey was undertaken in 1971-72 as part of the 26th round of the NSS in connection with the land investment survey proposed by the Reserve Bank of India. It may be mentioned that the inquiry into land holdings in the 26th round was the first extensive survey of land holdings in the country. No Organisation, the first having been undertaken for the period 1954 to 1955 as part of the 8th round of the NSS and from July 1960 to July 1962 as a part of the 17th round of the NSS.

Period of the survey

2. In connection with the survey, both of the Ministry of Agriculture and the Reserve Bank of India, the survey period of the 26th round was extended to the month of July 1971-72. The survey was designed in three phases, the first being a check on the sample households which was carried out during the period July 1971 to August 1971.

Coverage of the survey

3. The survey extended to the whole of India excluding Andaman and Nicobar Islands, Arunachal Pradesh, Dadra and Nagar Haveli, Jammu and Kashmir and the State of Jammu and Kashmir. The survey was carried out in the State of Jammu and Kashmir during the period July 1971 to August 1971.

Participation of States

4. All the States except those of West Bengal, Madhya Pradesh, Punjab, Rajasthan, Uttar Pradesh, Kerala, Tamil Nadu, Karnataka, Andhra Pradesh, Gujarat, Madhya Pradesh, Bihar, Jharkhand, Chhattisgarh, Orissa, Assam, West Bengal, Jammu and Kashmir, Andaman and Nicobar Islands, Dadra and Nagar Haveli, 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	Board contents of schedules
(1)	(2)	(3)	(4)
1.	Jul 71 to Dec 71	Schedules 18.1 (R) 18.1 (U)	Land holdings and inventory of assets and liabilities
2.	Jan 72 to Jun 72	Schedules 18.2 (R) 18.2 (U)	Production and sale of crops, receipts from non-farm business and transactions of assets and liabilities during Jul 71 to Dec 71.
3.	Jul 72 to Sep 72	Schedules 18.3 (R) 18.3 (U)	Production and sale of crops, receipts from non-farm business and liabilities during Jan 72 to Jun 72

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

## Sampling Design

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

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

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

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

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

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

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

- i) Class I : households owning land less than one acre and self-employed.
- ii) Class II : households owning one acre and more of land 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 lease 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 labourer: A person is considered to be an agricultural labourer if he follows one or more of the following agricultural occupations in the capacity of labourer on hire or on exchange: (a) farming, (b) dairy farming, (c) production of any horticulture commodity, (d) raising of livestock, bees or poultry, and (e) any work performed on a farm in connection with the farm operations.
- vii) Parcel: A parcel is all land surrounded by land of other holdings or by land not forming part of any holding. It might consist of one or more adjacent units, plots of 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

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 father and his son 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 holding which the household has 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 is operated 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 situated within a village or a village 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 sources of water, or varying areas of 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 this definition, for the purpose of survey, may be either a single individual 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 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) 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 surveys:

- (a) Land put to agricultural use only such as house sites, etc.
- (b) Co-operative farms.

- ix) Individual and joint operational holdings: 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 cover 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 Haryana. The State consists of two regions viz., (1) Eastern and (2) Western. The names of districts within each region are as below:-

Sl. No.	Name of the region	Composition of the region (districts)
(1)	(2)	(3)
1.	Eastern	Ambala, Gurgaon, Karnal and Rohtak.
2.	Western	Hissar, Jind and Mohendragarh.

## Note on Estimate of Aggregates

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

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

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

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

moving reference period of 365 days during July 1971 to December 1971. Considering the fact that the reference period of the NSS was later than that of the Census, the NSS estimates of number of households are expected to be slightly higher than the Census figure and this indeed found to be true at the all-India level. But larger, plus differences and the minus differences must be mainly due to the sampling errors to which the NSS estimates are subject.

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

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

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

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

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

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

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

It would be seen from columns 7 to 9 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 shows 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 II. 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 underestimated (Table II).<sup>2</sup>

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 Administration 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 inquiries 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.<sup>3</sup>



TABLE I

STATISTICAL ESTIMATES OF NUMBER OF POWERLODS, AREA OWNED AND AREA OPERATED BASED ON 26th MARCH OF 1968 AND RECALCULATED BASED ON OTHER OFFICIAL SOURCES

Sl. No.	State/ Union Territory	No. of households (00)		Percentage of H. S. S. households over total	Area (00 hectares)		Net area sown 1970-71 (000 acres)
		Estimate as per H. S. S.	As per 1971 census		H. S. S. estimate owned area	H. S. S. estimate operated area	
0	1	2	3	4	5	6	7
1	Andhra Pradesh	90126	88714	101.79	110738	105734	117340
2	Assam	22977	21045	91.74	16992	20071	22352
3	Bihar	92077	90379	98.19	76264	82375	87559
4	Goa	48111	46645	97.00	67333	68104	77559
5	Haryana	15364	15968	96.21	20754	21907	23277
6	Jharkhand Pradesh	4632	6342	71.70	5539	5972	7154
7	Jammu & Kashmir	6954	7638	91.00	6274	6491	6676
8	Karnataka	55557	52437	105.56	96701	102412	102402
9	Kerala	32957	35431	92.96	11751	12366	21717
10	Madhya Pradesh	72955	77693	94.03	172806	180752	184533
11	Maharashtra	105304	94328	111.63	108016	109265	176680
12	Madhya Pradesh	1426	1626	70.09	1727	1298	1400
13	Meghalaya	2111	2063	102.34	1916	1808	1620
14	Orissa	45124	41873	107.75	44455	42671	56013
15	Punjab	24407	23762	102.67	25332	28056	40328
16	Rajasthan	39012	35139	111.07	128138	119243	151790
17	West Bengal	88442	89950	108.20	47759	49214	67652
18	Tamil Nadu	2027	2358	74.90	1597	1432	1799
19	Uttar Pradesh	171771	18969	90.605	163070	174405	178049
20	West Bengal	79120	69537	113.81	66480	43410	52420
21	Delhi	6922	7971	86.70	672	532	893
22	Goa	931	1656	51.02	163	366	152
23	Goa/Cherry	548	809	67.73	193	195	315
ALL INDIA		1006123	1001917	100.42	1059286	1000744	1001184

a Figures are provisional.

c Figure relates to the year 1967-68.

b Figure is primarily based on State Crop Survey (Rice).

d Figure relates to the year 1965.

No.	State	Production of cereals (excluding millets)	Production of pulses	Production of oilseeds	Percentage of total to all India
1	2	3	4	5	6
1	Andhra Pradesh	91.01	1.18	14.62	53.21
2	Assam	85.42	0.81	1.12	17.43
3	Bihar	23.43	0.69	23.97	10.25
4	Gujarat	90.49	1.03	35.22	61.95
5	Haryana	67.06	1.96	11.21	53.22
6	Madhya Pradesh	114.11	1.25	10.14	17.60
7	Madras & Madhpr	74.40	0.91	1.12	15.77
8	Karnataka	95.11	1.25	1.12	14.75
9	Kerala	36.21	0.38	1.12	6.22
10	Kerala Pradesh	77.57	2.82	11.21	10.42
11	Maharashtra	107.14	1.25	1.12	9.10
12	Madhya	95.74	0.91	1.12	11.24
13	Meghalaya	65.14	1.25	1.12	11.26
14	Orissa	35.13	0.91	1.12	7.27
15	Punjab	19.73	1.25	11.21	67.25
16	Rajasthan	91.77	1.25	1.12	10.15
17	Tamil Nadu	75.97	0.91	1.12	7.21
18	Tripura	60.62	0.91	1.12	6.14
19	Uttar Pradesh	100.79	1.25	1.12	13.10
20	West Bengal	75.24	0.91	1.12	11.10
21	West	84.13	0.91	1.12	9.26
22	Goa	1.12	0.25	1.12	1.15
23	Andhra Pradesh	61.27	0.38	1.12	10.25

All India : 112.11      1.29      11.21      10.14

**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
Bihar 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	-23.02	-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	+ 7.12	- 3.90	3.22

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

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

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

State	Extent of N.S.S. 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
Bihar 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	8.25	-10.20	- 2.51	7.69
Karnataka	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
Majasthan	13.38	- 8.27	+ 5.93	2.34
Mizoram	25.79	-39.38	-18.17	21.21
West Bengal	6.73	-21.67	-15.72	5.95
Goa	42.16	-60.09	-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.

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

LIST OF TABLES (CONTD.)

	Description of table	State tables			Region tables (Rural)	
		Urban & Rural	Urban	Rural	Region MnNo. 1            2	
					Page Number	
TABLE (5)	: Estimated number of households, area operated and household size by size class of household operational holding.	19	43	69	95	121
TABLE (6)	: Percentage and cumulative percentage of households and of area operated by size class of household operational holding.	20	44	70	96	122
TABLE (7)	: Estimated number of owned cattle and owned buffaloes per 100 households by size class of household operational holding.	21	45	71	97	123
TABLE (8)	: Estimated number of owned cattle and owned buffaloes per 100 hectares of operated area by size class of household operational holding.	23	47	73	99	125
TABLE (9)	: Percentage of households not having working cattle and buffaloes by size class of household operational holding.	25	49	75	101	127

LIST OF TABLES (CONTD.)

Description of table	State tables			Regional tables (Rural)	
	Urban & Rural	Urban	Rural	Region No. 1                      2	
TABLE (10) : Estimated number of livestock (other than cattle and buffaloes) and poultry owned per 100 households by size class of household operational holding.	26	50	76	102	128
TABLE (11) : Estimated number of agricultural machinery owned per 100 households by size class of household operational holding.	27	51	77	103	129
TABLE (12) : Estimated number of agricultural machinery per 100 hectares of operated area and area operated per tractor by size class of household operational holding.	29	53	79	105	131
TABLE (13) : Percentage of households reporting pumps and ploughs by size class of household operational holding.	30	54	80	106	132
TABLE (14) : Estimated number of non-farm business equipments owned per 100 households by size class of household operational holding.	x	55	81	107	
x : This table is dropped as the data collected for urban and rural sectors are different and not amenable for pooling.					

LIST OF TABLES (CONTD.)

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



LIST OF TABLES (CONTD.)

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

SIZE CLASS OF HOLDINGACRESHECTARESCODE@ 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 &amp; above

20.25 &amp; above

14

Households owning/operating land less than 0.002 hectares are included in size class 0.

Households owning land but not operating .. .. code 0.1

Households neither owning nor operating land .. .. code 0.2

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

State : Haryana		Region : Eastern						Rural		
number of sample villages : 120								number of sample households : 645		
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	735	151	1135	-	-	-	4.95	5.41	5.13	
1	2710	4010	3363	47	62	54	5.29	5.47	5.40	
2	34	210	128	11	53	32	9.82	5.68	6.25	
3	153	58	106	64	24	44	6.20	4.34	5.66	
4	566	742	654	432	552	492	7.37	5.89	6.53	
5	400	790	595	581	1135	858	6.03	7.07	6.72	
6	626	404	509	1574	1016	1295	6.08	6.16	6.12	
7	236	246	241	817	837	827	8.02	7.70	7.86	
8	152	332	242	685	1513	1099	7.45	7.17	7.26	
9	110	221	166	604	1210	907	7.61	8.90	8.45	
10	174	319	246	1200	2180	1690	10.00	10.33	10.24	
11	88	129	108	755	1157	956	7.80	8.62	8.32	
12	37	21	29	386	228	307	11.08	12.76	11.69	
13	75	54	64	1051	730	891	7.45	11.11	9.06	
14	-	43	22	-	1068	534	-	11.72	11.72	
all sizes	6096	9119	7608	8207	11765	9986	6.00	6.16	6.10	

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

State : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

size class of household ownership holding (code)	average area owned by household (hectares)	percentage of households area owned		cumulative percentage households area owned	
(1)	(2)	(3)	(4)	(5)	(6)
0	-	14.92	-	14.92	-
1	0.02	44.21	0.54	59.13	0.54
2	0.26	1.60	0.32	60.73	0.86
3	0.42	1.39	0.44	62.12	1.30
4	0.75	8.60	4.92	70.72	6.22
5	1.44	7.82	8.59	78.54	14.81
6	2.51	6.77	12.96	85.31	27.77
7	3.43	3.17	8.28	88.48	36.05
8	4.54	3.18	11.00	91.66	47.05
9	5.46	2.18	9.09	93.84	56.14
10	6.87	3.23	15.93	97.07	73.07
11	8.85	1.42	9.58	98.49	82.65
12	10.59	0.38	3.08	98.87	85.73
13	13.92	0.84	8.92	99.71	94.65
14	24.27	0.29	5.35	100.00	100.00

all sizes

1.31

100.00

100.00

estimated number of households

-

7608

-

estimated area owned (00 hectares)

-

-

9986

average area owned by land owning households (hectares)

1.54

-

-

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 : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing out land (0.00)				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	3363	5.71	-	2.23	7.94	54	9.71	-	5.97	15.68
2	122	-	32.79	-	32.79	32	-	29.49	-	29.49
3	106	8.49	10.38	-	18.87	44	8.33	10.19	-	18.52
4	654	4.13	11.01	6.12	21.26	492	1.40	10.78	6.42	18.60
5	595	6.05	6.89	-	12.94	858	3.21	6.32	-	9.53
6	515	-	13.01	13.79	26.91	1295	-	9.03	8.78	17.81
7	241	4.15	4.15	8.30	16.60	827	0.98	0.78	0.59	2.35
8	242	5.79	12.40	4.95	23.14	1099	1.33	9.39	1.80	12.52
9	166	16.87	6.02	6.02	28.91	907	6.20	3.48	4.24	13.92
10	246	12.20	13.41	4.07	27.24	1690	2.92	8.23	0.14	11.29
11	103	-	20.37	12.04	32.41	956	-	12.06	3.85	15.91
12	29	20.69	20.69	-	41.38	307	3.43	8.96	-	12.39
13	64	9.38	28.12	9.38	45.31	891	2.18	12.45	0.46	15.09
14	22	-	-	-	-	534	-	-	-	-
all sizes	6473	5.52	9.56	3.99	14.65	9986	2.02	7.73	2.55	12.30

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 : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households

: 645

size class of household ownership holding (code)	estimated number of households (00)	percentage of households leasing in land						estimated area owned (00 hectares)	percentage of area leased in					
		for fixed money	for fixed prod-uce	for share of prod-uce	under usufructury mortgage	on other terms	under any term		for fixed money	for fixed prod-uce	for share of prod-uce	under usufructury mortgage	on other terms	total
(10)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
0*	1135	6.17	0.53	4.23	2.20	56.03	62.47	-	12	34	39	10	120	215
1	3303	2.88	1.22	4.22	0.74	5.17	12.90	54	154.48	247.76	636.57	38.81	339.55	1417.17
2	122	8.20	-	18.03	-	-	26.23	32	38.46	-	288.46	-	-	326.92
3	106	9.43	9.43	59.43	5.66	19.84	89.62	44	49.07	24.07	205.56	17.59	29.63	325.92
4	654	6.12	4.59	21.87	-	13.15	39.14	492	16.11	4.77	51.69	-	6.50	81.07
5	595	12.94	-	29.58	4.87	7.39	47.90	858	7.69	-	31.93	2.12	6.08	47.82
6	515	9.32	3.30	12.62	2.72	2.72	27.96	1295	4.69	0.94	9.25	2.00	0.81	17.69
7	241	2.90	11.62	17.01	2.49	5.39	39.41	827	1.76	4.70	13.80	0.64	6.07	26.97
8	242	14.05	2.48	9.92	-	4.96	28.93	1099	3.46	1.58	3.83	-	0.59	9.46
9	166	7.23	-	6.02	3.61	7.84	24.70	907	1.34	-	2.41	2.14	2.68	8.57
10	246	6.91	2.44	13.82	-	4.88	23.58	1690	0.52	0.24	3.54	-	6.53	10.83
11	108	-	-	-	-	-	-	956	-	-	-	-	-	-
12	29	-	-	20.69	-	-	20.69	307	-	-	0.79	-	-	0.79
13	66	9.38	9.38	-	9.38	9.38	15.62	891	0.45	1.23	-	0.45	2.18	4.31
14	22	-	-	-	27.27	-	27.27	534	-	-	-	12.21	-	12.21
all sizes	7608	5.63	1.97	10.17	1.62	13.55	29.48	9986	4.23	2.86	14.55	1.77	6.24	29.65

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

TABLE (5) : SETTLEMENT AND HOUSEHOLD SIZE  
 STATE OF HARYANA : RURAL

State : Haryana

: Rural

number of sample villages : 120

number of sample households : 645

size class of household	estimated number of			estimated area operated			estimated household		
	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	3177	54	4231	-	-	-	5.00	5.35	5.22
0.1	2702	4420	3561	-	-	-	-	-	-
0.2	415	924	669	-	-	-	-	-	-
1	63	98	80	6	6	6	7.03	4.03	5.4
2	21	98	60	5	25	15	9.05	6.45	6.8
3	63	78	70	27	34	30	2.68	5.97	4.4
4	3	524	452	295	380	338	7.39	5.33	6.20
5	676	732	704	9	1083	1037	5.87	6.63	6.27
6	692	610	651	1718	1507	1613	6.05	7.02	6.51
7	243	416	330	83	1422	1132	5.59	7.56	7.56
8	153	383	268	693	1717	1205	-	7.22	7.46
9	216	214	215	1180	1189	1185	7.77	10.25	9.00
10	236	332	284	1635	2313	1974	9.85	9.25	9.50
11	137	182	160	11	1626	1389	-	9.42	9.16
12	50	11	30	520	115	317	11.18	15.64	12.20
13	37	54	46	523	759	641	7.05	11.11	9.35
14	12	43	28	255	1198	727	1.42	11.72	1.1
all sizes	6096	9119	760	9843	13374	11609	6.0	6.16	6.10

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

State : Haryana

Region : Eastern

Rur

number of sample villages

110

number of sample households : 6

size class of operational holding (in acres)	percentage of households	percentage of area operated	cumulative percentage of households	cumulative percentage of area operated
(1)	(2)	(3)	(4)	(5)
0	-	55.60	-	55.60
1	0.9	1.05	0.06	56.65
2	0.9	0.79	0.13	57.44
3	3.6	0.92	0.2	58.64
4	5.5	5.94	2.9	61.54
5	1.8	9.26	8.7	70.24
6	2.48	8.56	11.2	81.44
7	3.6	4.34	14.8	86.24
8	4.4	3.52	18.3	89.76
9	5.5	2.83	23.8	92.59
10	5.5	3.73	29.3	96.32
11	6.8	2.10	36.1	98.42
12	1.1	0.39	37.2	98.81
13	13.6	0.60	50.8	99.41
14	2.2	0.37	57.0	100.00

all size	1	100.00
estimated number of households	-	7608
estimated area (in acres)	-	-
average yield (in tons)	3.44	-



TABLE ( 7 ) : ESTIMATED NUMBER OF OWNED CATTLE AND OWNED BUFFALOES UNDER DIFFERENT CATEGORIES PER 100 HOU BY SI CLASS'O HOU OPERATIONAL HOLDING.

State : Haryana		Region : E ste						Rural	
number of sample villages : 120		number of sample households						645	
si cl s o household operati al ho di (code)	working	males ov 3 year		ttl own p	females over 3 years			Pg book	total
		here	sub-to		in milk	others	sub-total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
0	1.23	1.23	2.55	19.60	13.24	32.84	30.40	65.79	
1	-	-	-	25.00	25.25	51.25	100.00	151.25	
2	-	-	-	33.33	-	33.33	33.33	66.66	
3	28.57	-	28.57	14.29	14.29	28.58	14.29	71.44	
4	69.9	6.42	76.11	51.77	11.06	62.83	52.21	191.15	
5	117.1	1.42	119.03	35.94	34.09	70.03	48.72	237.78	
6	142.70	0.92	143.62	47.47	13.67	51.14	72.50	277.26	
7	159.70	6.67	166.37	53.33	14.24	67	67.58	301.52	
8	183.	7.46	191.04	41.04	20.90	61.94	57.09	310.07	
9	190.	2.79	193.02	45.58	6.51	52.	73.95	319.06	
10	210.56	8.45	219.01	83.10	30.63	117.73	57.04	389.78	
11	251.25	3.75	255.00	73.75	17.50	91.25	88.75	435.00	
12	320.00	20.00	340.00	96.67	73.33	170.00	53.33	568.33	
13	232.61	13.04	245.65	100.00	47.83	147.	134.78	528.26	
14	350.00	-	350.00	57.14	35.71	92.85	178.57	621.42	
all sizes	64.05	2.51	66.56	32.91	16.51	49.42	44.87	160.85	

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

State : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

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		1.32	28.25	20.09	48.34	31.44	31.10	146.89
1	-		-	37.50	12.50	50.00	26.25	76.25	227.50
2	-		-	83.33	16.67	100.00	66.67	156.67	233.33
3	-		-	55.71	28.57	84.28	42.85	127.13	198.57
4	8.63		8.63	69.25	13.05	82.30	55.31	146.24	337.39
5	1.42	1.28	2.70	67.04	20.17	87.21	48.15	138.06	375.84
6	7.37	4.45	11.82	76.19	25.19	101.38	70.35	183.55	460.81
7	17.27	-	17.27	93.64	47.57	141.21	90.61	249.01	550.61
8	9.70		9.70	131.34	40.30	171.64	131.34	312.68	622.75
9	12.09		12.09	112.56	57.67	170.23	120.00	302.32	621.38
10	25.70		25.70	157.39	93.66	251.05	124.30	401.05	790.83
11	23.75		23.75	152.50	47.50	200.00	158.75	382.50	817.50
12	20.00	-	20.00	210.00	40.00	250.00	233.33	503.33	1066.66
13	-	-	-	158.70	60.87	219.57	95.65	315.22	843.48
14	-	-	-	250.00	114.29	364.29	307.14	671.43	1292.85
all sizes	4.98	0.50	5.48	57.78	27.05	84.83	54.99	145.30	306.15

TABLE (8) ESTIMATE NUMBER OF OWNED CATTLE AND OWNED BUFFALOES PER 100 HECTARES OF OPERATED AREA BY SIZE CLASS OF HOUSEHOLDS

State : Haryana

Region : Eastern

Rural

Number of villages : 1

Number of households : 645

Size of household	Number of households	Number of cattle		Number of buffaloes		Young stock	Total
		3 years or more	1-2 years	3 years or more	1-2 years		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0*	-	36	108	89	560	1	22783
1	-	-	-	3	324.32	633.	1868.70
2	-	-	-	.	-	13.56	267.12
3	65.	-	65.9	32.9	32.94	6.82	164.72
4	93.2	8.60	192	69.3	14.83	84.17	256.02
5	106	0.96	-	24.4	23.15	4.50	161.47
6	0	0.34	57.9	19.45	5.51	24.66	107.32
7	46.3	1.95	48.48	15.	4.15	19.69	87.86
8	-	1.60	42.48	9	4.65	13.77	68.95
9	-	0.49	35.01	8.	1.19	9.47	57.90
10	.29	1.21	31.50	11.96	4.40	16.36	56.06
11	28.4	0.42	29.36	8.	2.03	10.53	50.12
12	3.75	1.81	32.15	9.14	6.4	16.08	53.27
13	.2	0.	17.64	7.1	3.	10.60	37.90
14	.49	-	13.49	2.	.	3.58	23.94
11 size	41.98	1.60	43.64	21.5	10.8	32.39	105.43

\* For size class 0 - recorded in column 2-9 in stead of number of cattle/buffaloes per hectare

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 : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

size class of household operational holding (code)	number of buffaloes owned per 100 hectares of operated area								number of cattle and buffaloes owned per 100 hectares of operated area
	working owners	males over 3 years	sub-total	females over 3 years	in others	sub-total	young stock	total	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0*	56	-	56	1195	850	2045	1330	3431	6214
1	-	-	-	463.31	154.44	617.75	324.32	942.07	2810.77
2	-	-	-	333.93	66.79	400.72	267.14	667.86	934.98
3	-	-	-	128.49	95.90	224.39	98.84	323.23	487.95
4	11.56	-	11.56	92.74	17.47	110.21	74.08	195.85	481.87
5	0.96	0.36	1.82	45.52	13.69	59.21	32.69	93.72	255.19
6	2.97	1.90	4.77	30.76	10.18	40.94	28.39	74.10	181.42
7	5.04	-	5.04	27.28	13.86	41.14	26.41	72.59	160.45
8	2.15	-	2.15	29.21	8.97	38.18	29.21	69.54	138.49
9	2.20	-	2.20	20.44	10.45	30.89	21.77	54.86	112.76
10	3.71	-	3.71	22.66	13.47	36.13	17.89	57.73	113.79
11	2.72	-	2.72	17.57	5.46	23.03	18.29	44.04	94.16
12	1.90	-	1.90	19.87	3.78	23.65	22.07	47.62	100.89
13	-	-	-	11.39	4.37	15.76	6.87	22.63	60.53
14	-	-	-	9.64	4.40	14.04	11.84	25.88	49.82
all sizes	3.26	0.32	3.58	37.86	17.72	55.58	36.05	95.21	200.64

\* 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 : Haryana

Region : Eastern

Rural

number of sample villages :- 120

number of sample households

645

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	4230	99.15	98.68	97.82
1	80	100.00	100.00	100.00
2	60	100.00	100.00	100.00
3	70	72.86	100.00	72.86
4	452	57.30	93.58	50.88
5	704	25.43	100.00	25.43
6	651	18.74	92.47	15.82
7	330	12.12	89.09	10.00
8	268	10.45	89.93	10.45
9	215	12.56	92.56	12.56
10	284	8.45	69.01	2.11
11	160	7.50	82.50	3.75
12	30	-	83.33	-
13	46	13.04	100.00	13.04
14	28	-	100.00	-
all sizes	7608	66.80	95.61	65.02

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 : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households:645

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	37.32	9.95	3.71	0.47	9.95	-	0.24	11.18	31.54
1	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-
4	-	42.92	-	-	11.73	8.63	-	-	10.62
5	10.51	16.19	-	-	-	2.84	-	-	1.42
6	-	-	-	-	-	6.14	-	-	32.57
7	-	101.21	-	-	-	4.24	-	-	20.00
8	-	-	-	-	-	2.61	-	-	16.79
9	-	2.79	3.26	-	-	9.30	-	-	15.35
10	-	19.01	-	-	-	4.23	-	-	23.24
11	-	-	-	-	-	11.25	-	-	42.50
12	-	-	-	-	-	20.00	-	-	-
13	-	-	-	-	-	13.04	-	-	-
14	-	35.71	-	-	-	21.43	-	-	21.43
all sizes	22.06	14.89	2.16	0.26	6.23	2.47	0.13	6.22	24.82

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

State : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households: 645

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	0.47	0.94	=	-	-	0.26	-	-	-	0.47	0.24
1	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-
3	28.57	4.29	-	-	-	-	-	-	-	-	-
4	68.58	2.65	-	15-71	-	-	-	-	-	-	-
5	63.92	13.35	4.26	18.75	1.42	-	-	-	-	-	-
6	87.25	20.58	4.61	31.18	1.53	-	-	-	-	-	-
7	88.79	44.55	9.09	31.52	-	-	-	-	-	-	-
8	112.68	52.99	14.9	53.36	-	2.24	-	-	-	-	-
9	109.77	53.95	13.02	26.05	-	-	-	-	-	-	-
10	108.10	47.53	34.51	25.35	-	2.11	-	-	-	5.63	-
11	116.25	80.62	28.12	55.62	-	-	-	-	-	-	-
12	166.67	160.00	60.00	-	-	-	-	-	-	-	-
13	134.78	106.52	58.70	13.04	-	-	-	-	-	4.35	13.04
14	232.14	171.43	78.57	57.14	-	-	-	-	21.43	21.43	-
all sizes	37.71	14.42	4.84	11.72	0.26	0.30	-	-	0.08	0.58	0.21

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

State : Haryana.

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

size class of household operational holding (acds)	number of agricultural machinery owned per 100 households						others
	threshers	pumps			cane crushers	oil crushers	
		electric	diesel	others			
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
0	0.24	0.71	-	-	-	-	192.53
1	-	-	-	-	-	-	341.25
2	-	-	-	-	-	-	320.00
3	-	-	-	-	-	-	974.29
4	-	2.21	-	-	-	-	779.20
5	-	4.97	3.12	-	-	1.42	862.27
6	0.15	2.61	3.69	-	-	-	829.34
7	1.21	17.88	-	-	-	-	1012.73
8	4.85	11.19	5.60	-	-	-	1025.75
9	6.51	6.05	14.88	-	-	-	1411.63
10	25.35	27.11	4.58	-	2.46	-	1253.17
11	6.25	15.00	30.62	-	1.25	-	1541.25
12	60.00	113.33	20.00	-	-	-	1613.33
13	13.04	30.43	31.78	-	-	-	1989.13
14	21.43	78.57	-	-	-	-	2200.00
all sizes	2.02	4.60	2.33	-	0.12	0.13	544.79



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 : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

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	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	65.90	9.88	-	-	-	-	-	-	-	-
4	91.85	3.56	-	21.03	-	-	-	-	-	-
5	43.39	9.07	2.89	12.73	-	-	-	-	-	-
6	35.21	6.30	1.85	12.58	-	-	-	-	-	-
7	25.87	12.97	2.64	9.19	-	-	-	-	-	-
8	25.06	11.79	3.31	11.86	-	-	-	-	-	-
9	19.92	9.79	2.37	4.72	-	-	-	-	-	-
10	15.54	6.84	4.97	3.66	-	-	-	9.59	-	9.59
11	13.39	3.29	3.24	6.40	-	-	-	-	-	-
12	15.76	15.12	5.68	-	-	-	-	-	-	-
13	9.66	7.64	4.20	0.93	-	-	-	40.67	44.72	85.39
14	8.95	6.10	3.01	2.19	-	-	21.72	29.00	-	50.72
all sizes	24.71	9.44	3.16	7.68	-	-	21.72	9.29	5.59	36.60

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

State : Mysina

Region : Eastern

Rural

number of sample villages : 120.

number of sample households : 645

Size class of household operational holding (code)	number of households (00)	percentage of households reporting					
		ploughs		neither wooden nor iron plough	pumps		others
		wooden	iron		electric	diesel	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	4230	0.76	0.95	98.29	0.71	-	-
1	80	-	-	100.00	-	-	-
2	60	-	-	100.00	-	-	-
3	70	28.57	11.29	72.86	-	-	-
4	452	69.47	4.42	26.11	2.21	-	-
5	704	65.20	25.14	21.02	5.68	7.10	-
6	651	83.56	21.51	7.83	5.84	5.68	-
7	330	76.06	40.30	4.24	27.88	-	-
8	268	89.93	46.27	-	17.91	7.46	-
9	215	82.33	46.98	3.26	5.58	18.60	-
10	284	76.41	42.61	3.52	34.51	5.63	-
11	160	82.50	56.25	-	20.00	28.12	-
12	30	83.33	80.00	-	100.00	20.00	-
13	46	73.91	73.91	-	34.78	34.78	-
14	28	100.00	78.57	-	21.42	-	-
all sizes	7608	32.52	13.62	61.75	5.56	3.02	-

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

State : Haryana

Region : Western

Rural

number of sample villages : 120

number of sample households : 645

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households										
	handlooms	semi-auto matic and power looms	ginning, pressing and baling equipments	reels, bobbins and other accessories used in spinning & weaving	ghazis	oil-mills (power driven)	rice mill-ing and pounding equipments	flour mill-ing and grinding equipments	sewing machines	other tailoring equipments	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
0	-	-	0.47	8.01	-	-	-	-	0.85	-	
1	-	-	-	181.25	-	-	-	-	12.50	12.50	
2	-	-	-	-	-	-	-	-	-	-	
3	-	-	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	-	2.21	-	
5	-	-	-	-	-	-	-	-	1.42	-	
6	-	-	-	-	-	-	-	-	-	-	
7	-	-	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	20.00	-	-	
13	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	
all sizes	-	-	0.26	6.36	-	-	-	0.08	0.87	0.13	

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

State : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households													
	saws manually operated	saws power driven	lathes	casting, melting & welding equipments	furnace, bellows & other equipment in smithy shop	kilns	potters' wheels	scales, weights & measures	fishing nets & accessories	musical instruments	electric motors	oil engines	other equipments	
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	
0	-	-	-	-	18.44	-	35.27	14.30	-	4.75	-	-	46.52	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	-	-	-	-	1003.33	
3	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	-	-	-	-	-	-	-	17.04	-	-	-	-	23.45	
5	-	-	-	-	-	-	-	-	-	-	-	-	10.51	
6	-	-	-	-	-	-	-	-	-	-	-	-	22.43	
7	-	-	-	-	-	-	-	-	-	-	-	-	1.82	
8	-	-	-	-	-	-	-	-	-	-	2.61	-	11.94	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	-	-	3.87	-	-	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	
all sizes	-	-	-	-	10.25	-	21.28	8.96	-	2.64	0.24	-	38.56	

TABLE ( 15 ) : ESTIMATED NUMBER OF T SPORT EQUIPMENTS OWNED PER 100 HOUSE BY RURAL CLASS

Size of household	Percentage of sample		Number of households	Total number of equipments	Average number of equipments per household	Standard deviation	Coefficient of variation	Kurtosis	Skewness	Rural Class
	(1)	(2)								
0	-	0.	0.	25	-	-	-	-	-	1
1	-	-	-	1.2	-	-	-	-	-	-
2	-	-	-	50.0	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	5.	2.3	-	-	-	-	-	-
5	-	-	24.	1.2	-	-	-	-	-	-
6	-	-	28	.9	-	-	-	-	-	-
7	-	-	4	3.5	-	-	-	-	-	-
8	-	-	53.	38	-	-	-	-	-	-
9	-	-	61.40	54.88	-	-	-	-	-	-
	-	-	61.	5	-	-	-	-	-	-
11	-	-	75.	3.0	-	-	-	-	-	-
12	-	-	100	12	-	-	-	-	-	-
13	-	-	6.	4.3	-	-	-	-	-	-
	-	-	114.	5	-	-	-	-	-	-
1 sizes	-	0.2	15.	29.80	-	-	-	-	-	0.78

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

State : Haryana

Regional : Eastern

Rural

number of sample villages : 120

number of sample households : 645

size class of household operational holding (code)	total value of six asset groups (Rs.00)	value of asset per 100 houses (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	3367626	79013	3367626*	13.27	43.35	8.41	17.94	2.90	14.13
1	48903	61004	813383	17.97	57.09	-	2.02	17.60	5.32
2	53580	98300	358200	7.87	76.26	-	3.93	7.50	4.44
3	68088	97269	226960	15.80	70.57	-	8.72	-	4.91
4	694455	157640	205460	39.04	39.41	6.31	11.06	1.17	3.01
5	1510642	214580	145674	38.38	33.78	2.14	17.60	0.26	7.84
6	1711141	262848	106084	43.72	34.40	1.43	13.58	0.33	6.54
7	1400866	624005	123751	37.05	30.85	4.37	21.30	0.32	6.11
8	1377310	513922	114300	34.19	33.08	0.69	23.51	1.45	7.08
9	1111952	517187	93836	34.17	31.33	3.30	20.11	-	1.09
10	2651342	935571	134313	22.54	22.14	0.44	50.13	0.38	4.37
11	1145224	715765	82450	33.36	28.32	1.25	30.01	-	7.06
12	1056583	3521943	333307	8.14	8.17	0.59	76.81	4.72	1.57
13	518570	1127326	80900	20.04	14.85	1.03	57.58	-	6.50
14	634693	2266761	873031	16.84	16.97	0.85	59.01	-	6.33
all sizes	17350875	222061	149461	27.18	30.93	3.08	29.92	1.23	7.66

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

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

State : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

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	63	98	80	6	6	6
2	21	98	60	5	25	15
3	63	58	60	27	26	26
4	380	490	435	295	358	327
5	612	677	644	896	1019	957
6	680	615	648	1686	1527	1606
7	242	390	326	830	1327	1079
8	164	390	277	746	1745	1246
9	197	221	209	1082	1231	1157
10	242	332	287	1682	2312	1997
11	137	182	160	1153	1625	1389
12	62	18	40	657	165	411
13	37	50	44	523	647	585
14	12	48	30	255	1361	808
all size	2912	3667	3290	9843	13374	11609

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

State : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

size class of operational holding (cats)	average area of an operational holding (hectares)	percentage of operational holdings	percentage of area operated	cumulative percentage of operational holdings	cumulative percentage of area operated
(1)	(2)	(3)	(4)	(5)	(6)
1	0.08	2.43	0.06	2.43	0.06
2	0.25	1.62	0.13	4.25	0.19
3	0.43	1.82	0.23	6.07	0.42
4	0.75	13.23	2.82	19.30	3.24
5	1.49	19.58	8.24	38.88	11.48
6	2.48	19.70	13.83	58.58	25.31
7	3.41	9.60	9.29	68.18	34.60
8	4.50	8.42	10.73	76.60	45.33
9	5.54	6.35	9.96	82.95	55.29
10	6.96	8.72	17.20	91.67	72.49
11	8.68	4.86	11.97	96.53	84.46
12	10.27	1.22	3.54	97.75	88.00
13	13.30	1.34	5.04	99.09	93.04
14	26.93	0.91	6.96	100.00	100.00
all sizes	3.53	100.00	100.00		
estimated number of operational holdings (00)	-	3290			
estimated area operated (00 hectares)			11609		



TABLE (19) : PERCENTAGE OF HOLDINGS REPORTING OWNED AREAS AND THOSE REPORTING LEASED IN AREA AND PERCENTAGE OF OPERATIONAL AREAS AND THOSE REPORTING LEASED IN AREA

State : Haryana Region : Eastern Rural  
 Sample villages : 12 number of sample households : 645

size class of operational holding (code)	number of holdings (00)	percentage of owned area	percentage of holdings			reporting area		
			for fixed mortgage	for fixed mortgage	for fixed mortgage	under usufructuary mortgage	other terms	under any term
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	80	100.00	-	-	-	-	12.50	12.50
2	60	100.00	-	-	-	-	-	-
3	60	50.00	-	-	36.67	-	55.00	55.00
4	435	92.18	9.20	-	2.30	3.52	12.18	27.13
5	641	98.29	5.90	5.50	25.78	0.78	19.88	50.00
6	118	92.59	14.66	-	35.49	1.54	7.10	52.78
7	126	98.10	14.24	4.43	37.34	8.54	13.29	57.91
8	277	96.75	7.94	10.11	11.91	7.22	5.05	34.66
9	209	96.65	15.79	6.70	2.88	2.87	.	47.85
10	287	98.65	12.89	5.57	1.12	-	2.00	38.67
11	160	100.00	7.50	-	3.25	6.25	10.00	53.75
12	40	75.00	-	-	15.00	-	-	15.00
13	44	95.45	13.64	13.64	-	-	13.	18.18
14	30	93.33	-	-	-	20.00	20.00	40.00
all sizes	3290	95.08	9.97	3.47	22.71	3.28	11.37	43.40

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

State : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households : 645

size class of operational holding (code)	estimated area operated (00 hectares)	owned area	percentage of operated area leased in 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	6	93.75	-	-	-	-	6.25	6.25
2	15	100.00	-	-	-	-	-	-
3	26	44.00	-	-	34.67	-	21.33	56.00
4	327	75.00	7.79	-	2.40	4.32	10.49	25.00
5	957	61.98	3.83	2.11	16.39	0.94	14.75	38.02
6	1606	63.76	7.08	-	23.89	0.20	5.07	36.24
7	1079	68.62	5.83	1.07	16.19	2.61	5.68	31.38
8	1246	78.37	1.68	5.71	10.48	0.67	3.09	21.63
9	1157	75.00	5.50	6.01	11.00	0.20	2.29	25.00
10	1997	83.86	5.533	2.11	7.39	-	0.56	16.14
11	1389	69.88	0.47	0.47	20.12	2.18	7.05	30.12
12	411	84.95	-	-	15.05	-	-	15.05
13	585	94.57	0.63	1.70	-	-	3.10	5.43
14	808	79.68	-	-	-	8.96	11.36	20.32
<b>all sizes</b>	<b>11609</b>	<b>74.50</b>	<b>3.95</b>	<b>1.95</b>	<b>12.88</b>	<b>1.40</b>	<b>5.32</b>	<b>25.50</b>

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

State : Eryana		Region : Eastern			Rural	
number of sample villages : 120		number of sample households : 645				
size class of operational holding (code)	number of operational holdings (00)	percentage of individual	percentage of joint	area operated (00 hectares)	percentage of area operated individually	percentage of area operated jointly
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	80	100.00	-	6	100.00	-
2	60	100.00	-	15	100.00	-
3	60	100.00	-	26	100.00	-
4	435	98.85	1.15	327	98.76	1.24
5	644	96.74	3.26	957	96.65	3.35
6	648	96.91	3.09	1606	96.70	3.30
7	316	95.57	4.43	1079	95.76	4.24
8	277	96.75	3.25	1246	96.72	3.28
9	200	97.13	2.87	1157	96.54	3.46
10	287	98.95	1.05	1997	98.82	1.18
11	160	100.00	-	1389	100.00	-
12	46	75.00	25.00	411	77.17	22.83
13	44	90.91	9.09	585	95.71	4.29
14	30	93.33	6.67	808	89.98	10.02
all sizes	3290	97.14	2.86	11609	96.22	3.78

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

State : Haryana

Region : Eastern

Rural

number of sample villages : 120

number of sample households

645

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 holdings during major crop season					personal
				autumn	winter	spring	summer	seasonal	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1	80	12.50	1.00	-	-	-	1.00	-	
2	60	-	-	-	-	-	-	-	
3	60	16.67	1.00	1.00	-	-	-	-	
4	435	7.13	2.35	2.35	-	-	-	-	
5	644	13.04	2.50	2.90	2.10	1.00	-	-	
6	648	8.18	3.21	3.05	-	3.31	-	-	
7	316	12.97	2.32	2.54	-	2.05	-	-	
8	277	23.10	1.46	1.39	-	1.58	-	-	
9	209	12.44	0.85	1.00	-	0.80	-	-	
10	287	27.87	1.94	3.06	-	1.61	-	-	
11	160	35.62	2.28	2.12	-	2.34	-	-	
12	40	80.00	1.12	-	-	1.12	-	-	
13	40	68.18	1.20	0.21	-	2.06	-	-	
14	30	33.33	1.60	-	-	1.60	-	-	
all sizes	3290	16.05	2.00	2.24	2.10	1.83	1.00	-	

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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size class of household owner- ship holding (code)	estimated number of households (00)			estimated area owned (00 hectares)			estimated house- hold 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	287	191	239	-	-	0	3.67	3.67	3.67
1	1517	1011	1264	24	19	21	5.59	5.75	5.65
2	126	216	171	39	57		6.74	5.16	5.74
3	77	72	74	30	30	31	4.56	6.00	5.30
4	336	111	254	256	89	173	6.13	6.29	6.15
5	360	519	439	465	687	576	7.42	6.70	7.00
6	618	349	483	1497	815	1156	6.65	5.85	6.37
7	129	70	110	449	313	391	7.77	3.83	6.13
8	362	198	280	1615	843	1229	6.10	7.82	6.71
9	115	108	112	538	619	578	3.87	10.32	6.99
10	130	278	204	907	1828	1368	9.03	8.22	8.48
11	158	128	143	1366	1101	1234	8.69	7.29	8.06
12	63	37	50	695	422	558	7.08	10.38	8.30
13	113	103	108	1689	1433	1561	9.44	7.75	8.63
14	21	7	14	538	274	406	9.57	8.43	9.29
all sizes	4472	3418	3945	10110	8530	9320	6.23	6.36	6.29

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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

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	0	6.06	0	6.06	0
1	0.02	32.04	0.23	38.10	0.23
2	0.28	4.33	0.51	42.43	0.74
3	0.42	1.83	0.33	44.31	1.07
4	0.68	6.41	1.86	50.75	2.93
5	1.31	11.12	6.18	56.87	9.11
6	2.39	12.24	12.41	71.11	21.52
7	3.16	2.79	1.09	76.90	25.61
8	4.39	7.10	13.18	84.00	38.79
9	5.16	2.81	6.20	85.84	44.99
10	6.71	5.17	11.67	92.01	59.66
11	8.63	3.62	13.24	95.63	72.90
12	11.16	1.27	5.99	96.30	78.89
13	14.45	2.74	16.75	99.64	95.64
14	29.00	0.36	4.31	100.00	100.00

all sizes	2.36	100.00	100.00
estimated no. of households (00)	x	3945	x
estimated area owned (00 hectares)	x	x	9320
average area owned by land owning households (hectares)	2.51	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 : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

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	1264	-	-	2.14	2.14	21	-	-	3.85	3.85
2	171	-	14.62	7.60	22.22	48	-	15.25	6.78	22.03
3	74	-	17.57	-	17.57	31	-	18.42	-	18.42
4	254	-	3.94	3.94	7.48	173	-	3.27	4.67	7.94
5	139	-	-	-	-	576	-	-	-	-
6	483	-	2.90	5.80	8.70	1156	-	3.05	3.0	6.06
7	110	-	-	-	-	381	-	-	-	-
8	280	-	2.86	8.93	11.79	1229	-	2.70	4.0	6.78
9	112	-	-	-	-	578	-	-	-	-
10	204	3.92	3.92	-	7.84	1368	0.80	0.89	-	1.69
11	143	-	-	5.59	5.59	1233	-	-	1.74	1.74
12	50	-	-	16.00	16.00	558	-	-	2.32	2.32
13	108	-	7.41	3.70	11.11	1561	-	3.16	1.04	4.20
14	14	28.57	-	-	28.57	406	4.79	-	-	4.79
all sizes	3706	0.32	2.29	3.32	6.93	9320	0.33	1.59	1.59	3.51

\*TABLE ( 4 ) : PERCENTAGE OF HOUSEHOLDS LEASING IN LAND UNDER IRRIGATION IN ALL HOUSEHOLDS  
 OWNED LAND ARE USED IN TO AREA OWNED BY SIZE CLASS OF  
 HOUSEHOLD HELD BY

State : Andhra

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size of household (c)	percentage of total number of households	percentage of total area owned	percentage of total area irrigated	percentage of total area irrigated by canal	percentage of total area irrigated by tank	percentage of total area irrigated by well	percentage of total area irrigated by other	percentage of total area irrigated by other	percentage of total area irrigated by other	percentage of total area irrigated by other	percentage of total area irrigated by other	percentage of total area irrigated by other	percentage of total area irrigated by other	percentage of total area irrigated by other	percentage of total area irrigated by other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
0*	239	5.85	-	10.4	-	18.83	35.15	-	0	-	20	-	1	21	
1	1264	3.88	3.56	8.62	7.53	3.01	18.13	21	115.38	705.77	2005.77	173.08	96.15	3396.15	
2	171	-	-	-	14.62	10.53	25.15	48	-	-	-	144.92	61.02	205.94	
3	74	-	-	24.32	-	-	24.32	31	-	-	91.74	-	-	91.74	
4	254	9.34	9.87	16.93	-	9.84	36.22	173	0.23	-	32.71	-	23.13	85.04	
5	439	7.29	4.10	23.46	-	-	29.84	576	11.88	0.28	46.91	-	-	59.10	
6	483	0.83	5.59	14.49	2.28	10.14	31.68	1156	6.87	5.43	18.17	6.86	7.11	42.44	
7	110	-	-	6.36	-	15.45	21.81	381	-	-	22.51	-	20.06	42.57	
8	280	-	-	2.86	3.21	-	6.07	1229	-	-	5.11	3.00	-	8.11	
9	112	-	-	7.14	-	-	7.14	578	-	-	1.12	-	-	1.12	
10	204	-	-	13.73	1.96	-	15.69	1368	-	-	7.31	1.66	-	8.97	
11	143	2.80	-	12.59	-	-	15.38	1233	1.12	-	4	-	-	5.45	
12	50	-	-	8.00	-	-	8.00	558	-	-	2.46	-	-	2.46	
13	108	-	-	9.26	-	3.70	9.26	1561	-	-	3.94	-	1.04	4.98	
14	14	-	-	-	-	-	-	406	-	-	-	-	-	-	
all sizes	3945	3.22	2.92	11.43	1.70	4.97	22.08	9326	2.43	2.98	14.91	2.62	2.84	25.81	

\*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 : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size class of household operational holding (code)	estimated number of households (00)			estimated area operated (00 hectares)			estimated household size		
	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined	sub- sample 1	sub- sample 2	combined
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	1605	1024	1314	-	-	-	4.91	5.09	5
0.1	1471	831	1182	-	-	-	-	-	-
0.2	131	133	132	-	-	-	-	-	-
1	-	36	18	-	2	1	-	5.00	5.00
2	50	180	115	17	49	31	6.32	5.59	6.31
3	32	36	68	42	15	29	7.00	5.00	6.41
4	346	36	191	237	31	134	6.44	6.00	6.20
5	237	504	400	427	664	546	7.00	5.99	6.38
6	632	432	562	1647	1012	1330	5.87	6.58	6.11
7	118	180	164	533	641	587	7.69	5.99	6.76
8	336	180	289	1794	759	1276	6.75	7.79	7.08
9	214	144	179	1043	808	726	7.08	3.24	7.36
10	202	317	260	1396	2128	1762	7.05	3.03	7.67
11	170	165	168	1159	1105	1132	7.37	6.76	7.36
12	72	37	54	805	422	614	3.31	10.38	3.76
13	160	110	150	2365	1332	2149	3.25	5.24	8.79
14	21	7	14	575	271	424	10.24	8.43	3.79
all sizes	1172	3118	3345	12310	10112	11241	6.23	6.36	6.29

TABLE (6) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF HOUSEHOLDS AND OF PERSONS IN THE STATE OF HARYANA

State : Haryana	Region : Western		Urban		Rural	
	Percentage	Cumulative Percentage	Percentage	Cumulative Percentage	Percentage	Cumulative Percentage
Number of villages : 67						holds : 307
Percentage of population (1)	Percentage of population (2)	Percentage of population (3)	Percentage of population (4)	Percentage of population (5)	Percentage of population (6)	Percentage of population (7)
0			-			
1		0.01	0.01	3.76	0.01	
2	0.27	2.92	0.30	36.68	0.31	
3	0.43	1.2	0	30.4	0.56	
4	0	4.4	1	43.2	1.0	
5	1.36	5.14	4.8	5.38	6.0	
6		11.95	11.83	67.0	18.3	
7		4	5.22	7.79	0.6	
8	4.43	7.30	11.36	79.09	35.01	
9	5.17	4.4	8.24	8.63	43.25	
10		9	15.67	9.22	58.92	
11			12.74	9.18	71.66	
12	11.3	1.37	5.46	9.5	77.12	
13	14.33	3.80	13.11	9.65	96.0	
30			3.7	10	100.0	
all persons			100.00			
Percentage of population (1)	Percentage of population (2)	Percentage of population (3)	Percentage of population (4)	Percentage of population (5)	Percentage of population (6)	Percentage of population (7)
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
30						
all persons						

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

State : Haryana

Region : Western

Rural

number of sample villages: 60

number of sample households: 307

size class of household operational holding (cows)	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	2.05	0.5	2.06	1.5	11.64	31.20	27.02	60.27
1	-	-	-	-	-	-	-	-
2	-	-	-	15.65	-	15.65	15.65	31.30
3	-	-	-	36.76	-	36.76	73.53	110.29
4	26.18	-	26.18	22.51	-	22.51	22.51	71.20
5	95.00	-	95.00	26.00	21.25	47.25	45.50	187.75
6	15.55	-	15.55	63.17	22.78	85.95	16.80	178.30
7	115.24	-	115.24	108.54	37.20	145.74	82.32	343.30
8	49.31	-	49.31	36.11	29.51	65.62	76.74	191.67
9	115.61	-	115.61	51.40	28.19	79.89	61.45	256.98
10	53.85	-	53.85	45.38	20.77	66.15	50.00	170.00
11	94.05	-	94.05	52.38	36.31	88.69	54.76	237.50
12	159.25	-	159.25	175.93	4.44	220.37	177.78	557.40
13	88.00	4.67	92.67	52.00	59.33	111.33	99.33	303.33
14	50.00	-	50.00	50.00	28.57	78.57	71.43	200.00
all sizes	44.97	0.18	45.15	39.59	20.15	59.74	47.00	151.89

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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size class of household operational holding - (code)	number of cattle and buffaloes owned per 100 households								number of cattle and buffaloes per 100 households (0.00)
	males over 3 years		sub-total		others		sub-total		
	working	others	inmilk	others	stock	total	stock	total	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
0	-	-	-	11.11	8.75	19.86	17.58	37.44	97.71
1	-	-	-	-	-	-	-	-	-
2	-	-	-	37.39	15.65	53.04	46.96	100.00	131.30
3	-	-	-	73.53	36.76	110.29	63.24	173.53	263.32
4	-	-	-	38.74	26.18	64.92	51.83	116.75	187.95
5	-	-	6.25	2.25	27.50	69.75	59.00	135.00	322.75
6	-	-	-	55.69	25.27	80.96	43.59	124.55	302.85
7	21.95	-	21.95	117.68	32.93	150.61	63.11	235.97	579.27
8	8.68	-	8.68	85.07	14.93	100.00	110.76	219.44	411.11
9	-	-	-	132.96	32.40	165.36	147.49	312.85	569.83
10	-	-	-	101.15	31.54	132.69	93.85	226.54	396.54
11	-	-	-	1.71	0.45	154.16	110.12	264.28	501.78
12	-	-	-	1.33	1.1	148.14	116.67	264.81	822.21
13	-	-	-	132.00	52.00	184.00	149.33	333.33	636.66
14	-	-	-	157.14	175.00	332.14	50.00	382.14	582.11
all sizes	2.18	-	2.18	56.07	22.23	78.30	58.76	139.24	291.13

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

State : Haryana

Region : Western

Rural

number of sample village : 60

number of sample households : 307

size class of household operational holding (code)	number of cattle owned per 100 hectares of operated area							young stock	total
	males over 3 years			females over 3 years					
	working	others	sub-total	in milk	others	sub-total			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
0*	27	-	27	257	153	410	355	792	
1	-	-	-	-	-	-	-	-	
2	-	-	-	54.24	-	54.24	54.24	108.48	
3	-	-	-	88.24	-	88.24	176.50	264.74	
4	37.34	-	37.34	32.10	-	32.10	49.40	118.84	
5	69.71	-	69.71	19.08	15.59	34.67	35.38	137.76	
6	19.25	-	19.25	26.71	9.64	36.35	19.79	75.39	
7	32.20	-	32.20	30.32	10.38	40.70	22.98	95.88	
8	11.12	-	11.12	8.15	6.65	14.80	17.30	43.22	
9	22.36	-	22.36	9.93	5.51	15.44	11.88	49.68	
10	7.96	-	7.96	6.70	3.06	9.76	7.39	25.11	
11	11.04	-	11.04	6.15	4.25	10.40	6.42	27.86	
12	14.01	-	14.01	15.49	3.90	19.39	15.64	49.04	
13	6.15	0.32	6.47	3.63	4.15	7.78	6.94	21.19	
14	1.66	-	1.66	1.66	0.94	2.60	2.35	6.61	
all sizes	15.79	0.07	15.86	13.89	7.07	20.96	16.48	53.30	

\*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 : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

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*	-	-	-	146	115	261	231	492	1284
1	-	-	-	-	-	-	-	-	-
2	-	-	-	123.53	54.24	183.82	162.72	346.54	455.02
3	-	-	-	176.50	89.24	264.74	151.73	416.53	681.27
4	-	-	-	55.25	37.34	92.59	73.91	166.50	235.34
5	4.60	-	4.60	31.01	20.19	51.20	43.29	90.09	236.85
6	-	-	-	23.75	10.67	34.22	48.43	52.65	128.04
7	6.13	-	6.13	32.86	9.19	42.05	17.72	65.90	161.79
8	1.95	-	1.95	13.20	3.36	22.56	24.36	19.49	32.71
9	-	-	-	25.70	6.25	31.95	28.52	60.47	110.15
10	-	-	-	14.92	4.64	19.56	13.84	33.40	58.51
11	-	-	-	13.00	5.09	18.09	12.32	31.01	58.87
12	-	-	-	11.74	1.31	13.05	10.28	23.33	72.37
13	-	-	-	9.22	3.63	12.85	10.43	23.28	44.47
14	-	-	-	5.13	4.94	10.13	1.66	11.79	18.40
all sizes	0.77	-	0.77	19.67	7.81	27.48	20.61	48.86	102.16

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

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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households. : 307

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	1314	98.93	100.00	98.93
1	18	100.00	100.00	100.00
2	115	100.00	100.00	100.00
3	68	100.00	100.00	100.00
4	191	86.91	100.00	86.91
5	400	17.25	94.00	41.00
6	562	69.57	100.00	69.57
7	164	37.20	89.02	26.21
8	288	68.06	91.32	68.06
9	179	42.46	100.00	42.46
10	260	71.54	100.00	71.54
11	168	52.38	100.00	52.38
12	54	53.70	100.00	53.70
13	150	59.33	100.00	59.33
14	14	71.43	100.00	71.43
all sizes	3945	75.59	98.30	74.50

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 : Haryana

Region; Western

Rural

number of sample villages : 60

number of sample households : 307

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	71.23	103.50	12.40	-	18.34	4.26	-	1.52	11.26
1	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-
4	-	-	-	-	26.13	29.15	-	-	-
5	-	13.50	-	-	-	23.03	-	-	-
6	-	43.24	-	-	-	25.91	4.45	-	-
7	-	10.93	-	-	-	26.22	-	-	-
8	-	19.31	-	-	-	72.57	-	-	-
9	-	-	-	-	-	69.83	-	-	-
10	-	25.77	-	-	-	69.23	-	-	-
11	-	36.31	-	-	-	61.90	-	-	-
12	-	135.19	-	-	-	68.52	-	-	-
13	5.33	42.00	2.00	-	-	94.67	-	-	-
14	-	100.00	-	-	-	171.43	-	-	-
all sizes	23.93	53.79	4.21	-	7.33	30.62	0.63	0.51	3.75



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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size class of household operational holding (code)	number of agricultural machinery owned per 100 households										
	ploughs wooden	ploughs iron	harrows	seed drills	spray ers	dust-ers	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	5.48	-	0.76	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-
3	36.76	-	-	-	-	-	-	-	-	-	-
4	64.92	-	-	36.74	-	-	-	-	-	-	-
5	92.50	13.50	13.50	23.00	-	-	-	-	-	-	-
6	95.73	12.10	24.91	29.54	-	-	-	-	-	-	-
7	110.98	10.98	48.17	21.95	-	-	-	-	-	-	-
8	101.39	21.53	18.75	-	17.01	-	-	-	-	-	-
9	121.79	26.26	34.08	27.93	-	-	-	-	-	-	-
10	114.62	63.85	49.23	13.46	3.08	-	-	-	-	-	-
11	151.79	54.76	30.36	15.48	-	-	-	-	-	-	-
12	148.15	33.33	41.11	29.63	-	-	-	-	-	-	-
13	197.33	100.00	70.00	10.67	4.67	-	-	-	-	-	2.67
14	371.43	50.00	100.00	-	-	-	-	-	-	-	21.43
all sizes	71.03	17.29	18.25	12.95	1.62	-	-	-	-	-	0.18

TABLE (11) CONTD

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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size class of household operational holding (code)	number of agricultural machinery owned per 100 households						
	threshers	pumps			stone crushers	oil crushers	others
		electric	diesel	others			
(1)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
0	-	-	-	-	-	-	60.80
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	74.78
3	-	-	-	-	-	-	400.00
4	-	-	-	-	-	-	466.49
5	-	10.75	1.25	-	-	-	689.25
6	-	3.20	-	-	-	-	812.63
7	15.24	17.07	-	-	-	-	987.80
8	-	8.68	-	-	-	-	714.23
9	-	-	-	-	-	-	1217.88
10	3.46	5.00	-	-	-	-	750.00
11	5.36	7.14	-	-	-	5.36	1104.30
12	-	31.48	-	-	-	14.81	1333.33
13	-	2.67	2.67	-	-	-	884.00
14	-	28.57	-	-	-	-	1242.86
all sizes	1.09	4.16	0.23	-	-	0.43	541.34

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 : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

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. and above	h.p. not available	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	88.24	-	-	-	-	-	-	-	-	-
4	92.56	-	-	55.25	-	-	-	-	-	-
5	67.88	9.91	9.91	16.88	-	-	-	-	-	-
6	40.47	5.11	10.33	12.48	-	-	-	-	-	-
7	30.99	3.26	13.44	6.13	-	-	-	-	-	-
8	22.88	4.87	4.22	-	-	-	-	-	-	-
9	23.55	5.06	6.60	5.41	-	-	-	-	-	-
10	16.90	9.41	7.26	1.98	-	-	-	-	-	-
11	17.82	6.42	3.56	1.80	-	-	-	-	-	-
12	13.05	2.94	3.90	2.62	-	-	-	-	-	-
13	13.76	6.97	4.89	0.74	-	-	-	-	14.57	14.57
14	12.26	1.66	3.31	-	-	-	-	-	35.88	35.38
all sizes	24.93	6.08	6.40	4.55	-	-	-	-	23.70	23.70

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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households: 307

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	1314	3.96	-	96.04	-	-	-
1	18	-	-	100.00	-	-	-
2	115	-	-	100.00	-	-	-
3	68	36.76	-	63.24	-	-	-
4	191	64.92	-	35.08	-	-	-
5	400	76.00	9.00	21.25	10.75	4.50	-
6	562	78.47	11.92	18.33	8.00	-	-
7	164	89.02	17.98	-	26.22	-	-
8	288	93.75	25.35	6.25	8.68	-	-
9	179	100.00	28.49	-	-	-	-
10	260	96.92	48.84	3.08	6.92	-	-
11	168	100.00	44.05	-	15.48	-	-
12	54	100.00	16.67	-	31.48	-	-
13	150	100.00	47.33	-	26.67	2.67	-
14	14	100.00	28.57	-	28.57	-	-
all sizes	3945	55.26	13.43	43.88	5.98	0.56	-

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

State : Haryana

Region : State

Rural

Number of villages : 60

Number of households : 07

Size class of household (code)	Number of non-farm business equipments owned per 100 households											
	handlooms	semi-auto cyclic and power	in re and equipments	both 's & oth sso	used in spinning & weaving	garis	oil- pumps (power dr)	rice mill- ing and	equip- ments	flour mill- ling & grinding ment	sewing machines	other tail- ing
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
0	-	0	-	-	-	-	-	-	0.23	-	1.52	-
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
all sizes	-	-	-	-	-	-	-	-	0.96	-	-	-

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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size class of household operational holding (code)	number of non-farm business equipments owned per 100 households													
	saws manually operated	semi-power driven	lathes	casting & melting & welding equipments	furnace, bellows & other equipments in artisan shop	kilns	potter's wheels	scales, weights & measures	fishing nets & accessories	musical instruments	electric motors	oil engines	other equipments	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
0	-	-	-	-	0.76	-	10.20	-	22.53	-	-	-	8.14	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	-	-	-	-	-	-	-	-	-	-	-	-	468.70	
3	-	-	-	-	-	-	-	-	436.76	-	-	-	-	
4	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	-	-	-	-	-	-	-	-	37.00	-	-	-	-	
6	-	-	-	-	-	-	-	-	88.08	-	-	-	-	
7	-	-	-	-	-	-	-	-	-	-	-	-	-	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	-	-	-	-	-	-	
all sizes	-	-	-	-	0.25	-	3.40	-	31.33	-	-	-	16.38	

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

State : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size class of household operational holding (code)	number of transport equipments owned per 100 households								
	boats	motor cars	carts	bicycles	motor cycle scooters	trucks	trailers	passenger buses	others
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-	-	2.74	14.23	-	-	-	-	0.9
1	-	-	-	-	-	-	-	-	-
2	-	-	-	21.74	-	-	-	-	-
3	-	-	-	26.47	-	-	-	-	-
4	-	-	6.28	-	-	-	6.28	-	-
5	-	-	16.50	17.00	-	-	-	-	-
6	-	-	12.10	8.90	-	-	-	-	-
7	-	-	32.32	-	-	-	-	-	-
8	-	-	8.68	-	-	-	-	-	-
9	-	-	24.02	-	-	-	-	-	-
10	-	-	12.30	6.15	-	-	-	-	-
11	-	-	17.86	-	-	-	-	-	-
12	-	-	14.81	-	-	-	-	-	-
13	-	-	24.00	9.33	-	-	-	-	-
14	-	-	2.57	-	-	-	-	-	28.57
all sizes	-	-	10.47	9.58	-	-	0.30	-	0.43

TABLE (16) : PERCENTAGE OF VALUES OF VALUE OF OWNED (i) CATTLE (ii) BUFFALOES (iii) OTHER LIVESTOCK (iv) RIGIDITY BY (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 : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

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	662151	503.2	662151*	21.75	2.29	32.89	0.87	2.04	10.15
1	-	-	-	-	-	-	-	-	-
2	209313	56585	79357	16.97	68.77	-	0.38	20.14	3.80
3	242736	103546	100587	11.60	76.86	-	4.20	3.51	3.83
4	165745	116282	67033	20.63	33.90	12.32	7.15	0.50	18.34
5	183335	250335	74338	36.39	28.51	8.76	22.57	0.09	3.68
6	77835	184200	31513	25.86	34.17	16.89	18.80	0.02	4.27
7	111211	338054	44990	28.74	32.50	6.20	31.09	-	1.47
8	62614	277414	25323	12.04	42.27	21.07	24.00	-	0.62
9	65890	340864	26667	28.12	38.61	12.66	6.03	-	4.53
10	42337	287324	17158	21.04	39.69	20.35	17.09	-	1.83
11	47005	400660	19025	26.08	36.22	14.73	20.94	-	1.38
12	62511	710776	25313	30.57	21.40	3.47	37.71	-	0.85
13	36624	524706	14322	20.78	33.01	17.59	26.69	-	1.93
14	72339	2285014	29510	2.34	3.65	6.48	64.66	-	16.27
all sizes	71332	203257	28366	23.85	34.31	15.48	21.21	0.33	4.16

\*For the size class 0 actual value of ... (Rs.00) is recorded in column 4.

100 hectares of operated area



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

State : Haryana

Region : Western

Rural

number of sample village : 60

number of sample households : 307

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	-	36	18	-	2	1
2	50	180	115	17	49	33
3	99	72	86	42	29	36
4	322	36	179	237	31	134
5	297	486	391	427	649	538
6	693	432	562	1647	1012	1329
7	148	144	146	533	512	522
8	396	180	288	1794	759	1276
9	206	144	175	1043	808	326
10	203	336	270	1396	2258	1827
11	170	165	168	1459	1405	1432
12	72	37	54	805	422	614
13	160	140	150	2365	1932	2149
14	21	7	14	575	274	424
all sizes	2837	2395	2616	12340	10142	11241

TABLE (18) : PERCENTAGE AND CUMULATIVE PERCENTAGE DISTRIBUTION OF OPERATIONAL HOLDINGS AND AREA OF

State : Haryana

Region : western

Rural

number of sample villages : 60

number of sample households : 307

size class of operational holding (code)	average of operational holding (hectares)	area of operational holding (hectares)	percentage of operational holdings	cumulative percentage of operational holdings	percentage of area operated
(1)	(2)	(3)	(4)	(5)	(6)
1	0.06	0.59	0.01	0.69	0.01
2	0.29	4.40	0.30	5.09	0.31
3	0.12	3.29	0.32	9.38	0.63
4	0.75	6.81	1.19	15.22	1.82
5	1.38	14.95	4.78	30.17	6.60
6	2.36	21.48	11.83	51.65	18.43
7	3.58	5.58	4.65	57.23	23.08
8	4.43	11.01	11.36	68.24	34.44
9	5.23	6.69	8.24	74.93	42.68
10	6.77	10.32	16.25	85.25	58.93
11	8.52	6.42	12.73	91.67	71.66
12	11.37	2.06	5.46	93.73	77.12
13	14.33	5.73	19.11	99.16	96.23
14	30.29	0.54	3.77	100.00	100.00
all sizes	4.30	100.00	100.00	x	x
estimated number of operational holdings	x	2616	x		
estimated area operated (00 hectares)	x	x	11241		

S : Har : Rural  
 number of sample villages : 6 number of sample households : 30

Sample No.	No. of Holdings	Percentage of Holdings Reporting							Per cent of Sample Households	Yield
		Area	In Area			Der	Per cent	Yield		
			for field	for fixed	for other					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1	10	.	-	-	-	-	-	-		
2	5	.	-	-	-	-	-	-		
3	8	79.	-	-	29.07	-	-	2.		
4	7	9.	-	-	1	-	13.	7.93		
5	10	00	-	-	3	.	.	25.		
6	56	95.7	6.41	7.65	12.28	4.	8	3.1		
7		100.	-	.33	5	-	1.	4.		
8	88	10	.0	-	8.8	-	8.68	17.		
9	17		-	-	30	1		38.		
10		9.	0.1	.7	.48	6.30	3.	29.		
11		10	00	-	8	.6	.	76		
12	4		-	-	-	-	-	1.		
13		0.	4.	-	0		2.67	37.		
1	4	100.00	-	-	2.57	-	-	28.		
as	2	98	1.7	.86	16.4	4.	.	2.		

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 : Haryana

Region : Western

Rural

number of sample villages : 60

number of sample households : 307

size class of operational holding (code)	estimated area operated (00 hectares)	percentage of operated area						total
		owned area	leased in area					
			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	1	100.00	-	-	-	-	-	-
2	33	100.00	-	-	-	-	-	-
3	36	64.29	-	-	35.71	-	-	35.71
4	134	70.09	-	-	15.11	-	14.80	29.91
5	538	79.29	-	-	13.73	1.63	5.35	20.71
6	1329	73.06	5.53	4.99	5.17	5.20	5.00	26.94
7	522	68.23	-	3.72	20.12	-	7.93	31.77
8	1276	89.00	-	-	6.66	-	3.34	11.00
9	926	65.17	-	6.29	24.61	3.93	-	34.83
10	1827	79.26	0.78	3.58	13.87	0.51	2.00	20.74
11	1432	83.55	-	1.07	9.89	2.57	2.32	16.85
12	614	92.88	-	-	7.12	-	-	7.12
13	2149	76.69	4.69	-	13.97	3.88	0.77	23.31
14	424	91.03	-	-	8.97	-	-	8.97
all sizes	11241	79.06	1.80	2.00	12.21	2.17	2.76	20.94

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

State : Haryana		Region : western			Rural	
number of sample villages : 60		number of sample Households : 397				
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	18	100.00	-	1	100.00	-
2	115	100.00	-	33	100.00	-
3	86	100.00	-	36	100.00	-
4	179	93.30	6.70	134	39.12	10.00
5	331	97.70	2.30	338	97.29	2.71
6	562	100.00	-	1329	100.00	-
7	146	100.00	-	522	100.00	-
8	289	100.00	-	1276	100.00	-
9	175	97.71	2.29	926	95.54	4.46
10	270	96.67	3.33	1827	96.46	3.54
11	168	100.00	-	1432	100.00	-
12	57	100.00	-	614	100.00	-
13	150	100.00	-	2149	100.00	-
14	14	100.00	-	424	100.00	-
all sizes	2616	98.70	1.30	11241	98.80	1.20

State : Haryana

Region : Western

rural

number of sample villages : 60

number of seasonal holidays : 307

size class of holding (code)	number of holdings	average number of holidays per holding during major crops	average number of days worked per holding during			percentage of total days worked	
			winter	spring	summer		
(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)
1	-	-	-	-	-	-	-
2	115	-	-	-	-	-	-
3	86	-	-	-	-	-	-
4	179	-	-	-	-	-	-
5	391	4.60	1.00	1.00	-	-	-
6	562	3.20	1.00	1.00	-	-	-
7	146	-	-	-	-	-	-
8	288	8.68	1.00	1.00	-	-	-
9	175	10.29	1.00	-	-	1.00	-
10	270	19.26	1.00	1.00	-	1.00	-
11	168	26.19	2.68	1.00	-	1.00	5.11
12	54	-	-	-	-	-	-
13	150	28.00	1.19	1.19	-	1.19	-
14	14	78.57	2.27	1.57	-	3.50	-
all sizes	2616	8.72	1.42	1.07	-	1.15	-

ERRATA - HARRYDUE

Bl. No.	Page No.	Table No.	Size Class	Column No.	Original Entry	Revised Entry
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	93	3	all sizes		5.52	5.76
2	93	3	"		14.65	14.89
3	94		13	2	5	64
4	94	1	all sizes		5.63	5.89
5	94	4	"		1.62	4.13
6	94	4	"		17.55	14.50
7	94		1		29.48	33.23
8	96	6	2		54.44	57.44
9	96	6	11		98.54	98.64
10	97	7	6	7	51.14	61.14
11	97	7	0		illegible	7.46
12	97	7	8	8	"	57.09
13	98	7	7	11	"	141.21
14	98	7	14	16	"	364.29
15	99	6	5	4	80.32	80.82
16	100	6	5	12	1.92	1.92
17	111	17	7	4	326	316
18	114	19	7	17	illegible	31.38
19	114	19	10	12	5.568	5.60
20	114	19	11	13	6.47	-
21	116	21	9	3	12.44	8.13
22	116	21	9	4	0.85	1.00
23	116	21	9	7	0.30	1.00
24	116	21	13	3	69.18	36.36
25	116	21	13	4	1.20	2.00
26	116	21	13	5	0.21	1.50
27	116	21	all sizes	3	16.03	11.55
28	116	21	"	4	2.00	2.06
29	116	21	"	5	2.24	2.50
30	116	21	"	7	1.83	4.88
31	117	1	0	7	0	-
32	117	1	9	10	illegible	6.96
33	118	2	0	2	0	-
34	118	2	0	4	0	-
35	118	2	0	6	0	-

serial no.	page no.	table no.	size class	column no.	original entry	revised entry
(1)	(2)	(3)	(4)	(5)	(6)	(7)
36	118	2	7		illegible	14.89
37	119	3	11	7	1233	1234
38	120	4	1	6	7.53	1.42
39	120	4	5	11	0.23	2.81
40	120	4	5	15	59.10	61.63
41	120	4	11	9	1233	1234
42	121	5	2	7	31	33
43	121	5	6	7	1330	1329
44	121	5	13	7	2149	2148
45	122	6	0	3	33.30	33.31
46	122	6	0	5	33.30	33.31
47	122	6	1	5	33.76	33.77
48	122	6	2	2	0.27	1.29
49	122	6	2	4	0.56	0.29
50	122	6		5	36.63	36.69
51	122	6	2	5	0.31	0.30
52	122	6	3	4	0.27	0.26
53	122	6	3		33.43	33.41
54	122	6	4	3	7.24	4.25
55	122	6	5		4.83	4.80
56	122	6	5	5	53.30	53.39
57	122	6	5	6	6.63	6.51
58	122	6	6	2	2.37	2.36
59	122	6	6	3	14.23	14.24
60	122	6	6	4	11.63	11.62
61	122	6	8	4	11.36	11.35
62	122	6	8	6	35.51	35.50
63	122	6	9	6	43.25	43.24
64	122	6	10	4	5.67	15.68
65	122	6	13	2	11.33	10.32
66	122	6	14	2	30.29	31.25
67	123	7	6		illegible	2.75
68	123	7	8	5		18.56
69	123	7	13	5		15.49
70	131	12	11	4		3.55
71	132	13	13	4		47.33



ERRAT

(1)	(2)	(3)	(4)	(5)	(6)
72	2		13	b	tbl 6.57%
73	5	15	1	a	25
74	13		1	c	
75	13		6		65 4
76	13	10	2	0	6 3
77		16	3	2	7
78	13		4	10 5	222098
79			5	2 5	1
80	136		8	2 7 5	1 2
81	13		7	2	
2	13		8	6 4	790953
3	136			2 3	61 16
4	6	10	10	2 7	4 32
5	6	10	1	2	3408
6	13	16	1	2	
87	13	16	1	2 30524	79795
88	36	15	11	2 7 9	
89			0 size	2	1 14
90				4 7	1
91	6	16	3	4	7
92	6		4	6	745
93				4 7433	
94	6			4 3151	7789
95	136			4 4 0	
96	13	16	8	4 2	62 14
97	136	16		4 2666	65
98		16		4 1	4
99	136	16		4 1902	4700
100	13	16	12	4 2	6
101		16	13	4 1 2	
		16		4 2	7
3	1 6	16	a size	4 2 1	71332
4		16	2	5 11 1	8.91
	7	17		5	42
6	13	18	1	2 ible	7.29
7	8	19	a size	2	
8	140	19	1	16 2.32	1.2

