



सत्यमेव जयते

GOVERNMENT OF ASSAM

**REPORT  
ON  
AGRICULTURAL CENSUS  
2005-06  
ON  
NUMBER AND AREA OF OPERATIONAL HOLDINGS**

**DIRECTORATE OF ECONOMICS AND STATISTICS  
GOVERNMENT OF ASSAM  
GUWAHATI-28.**

## **1 Introduction**

**1.1 Agriculture Census :** Agriculture Census is a large scale statistical operations for collection of quantitative data about the structures and status of Agricultural sector of the economy by taking the operational holdings as the basic unit.

Since our country as well as the State has agriculture domain economy and almost 70% of our total population depends on agriculture for their livelihood, it is very important to collect reliable and comprehensive data on the important aspects of the Agricultural Sector for proper formulation and successful implementation of any plan and programme for development of agriculture at micro level.

Agricultural Census is the main source of information on basic characteristics of operational holdings such as number and area of operational holdings, land use and cropping pattern, tenancy status, irrigation status, area leased in terms of leasing and area under different crops etc. and this information is collected by different size classes and social status-wise such as scheduled caste, scheduled tribes and other communities other than scheduled caste and scheduled tribes along with the institutional holdings separately.

The information derived from different Agricultural Censuses conducted in the State plays a pivotal role in taking up appropriate plans and programmes of this vital sector of the economy for achieving the desired goal.

**1.2 Historical Background :** The first world Agricultural Census was conducted in the year 1924 by the International Institute of Agriculture (IIA) in Rome. It was conducted in 1930 where 63 Countries participated. Than after the Food and Agricultural Organization of UNO took over of IIA and subsequently started to conduct the World Agricultural Census.

**1.3 Agricultural Census in India :** Government of India has conducted the first Agricultural Census in the country with Agricultural Year 1970-71 (June to July) as the part of the World Agricultural Census programme sponsored by FAO (UNO).

Presently, the Census is conducted by re-tabulating land record data already available and maintained by the Revenue Department. Where land record data is not maintained, data is collected through sample survey.

**1.4 Agricultural Census in Assam :** The State of Assam participated in the programme of Agricultural Census with the launching of 8<sup>th</sup> round of National Sample Survey (NSS) in 1950. The programme of Agricultural Census 1960 was carried out in the State along with the programme of the 16<sup>th</sup> round of NSS.

Agricultural Census 1970 was carried out on complete census basis under the programme of World Agricultural Census. Thereafter, Agricultural Censuses with reference year 1975-76, 1980-81, 1985-86, 1990-91, 1995-96, 2000-01 and 2005-06 were successfully conducted in the State of Assam.

**1.5 Organizational set up :** Agriculture Census is a Central Sector Plan Scheme guided by the Department of Agriculture under the Ministry of Agriculture and Co-operation, Government of India.

**1.6 State's set up :** The Principal Secretary to the Government of Assam, Revenue & Disaster Management Department is the Agricultural Census Commissioner and is in the overall charge of Agriculture Census operation in the State. There is a State Level Co-ordination Committee constituted for the purpose of smooth implementation of the Agriculture Census with the Principal Secretary to the Government of Assam, Revenue & Disaster Management Department as Chairman and the Director of Economics & Statistics, Assam as Member Secretary to review the progress of Agricultural Census in the State and issue necessary guidelines. Similarly, district level co-ordination committee is also formed headed by the Deputy Commissioner of the district to review the district level progress.

The technical portion of the whole programme of the Agricultural Census viz. (a) Printing of schedules and instructions booklet (b) Training to the field level staff (c) Scrutiny of the filled-in schedules (d) Tabulation of the data and report writing is done by the Directorate of Economics & Statistics, Assam.

The Director of Land Record, Assam is responsible for the field works. Data is collected by the Revenue officials (*Mondal*) in the plain district of the State.

In the two Hills District, Karbi-Anglong and N.C. Hills, field works are conducted by the VLEW (Village Level Extension Workers) under the direct control of the Block Development Officers and Gram Sevaks.

The technical guidance in every respect is given by the field officers of the Directorate of Economics and Statistics, Assam.

**1.7 Data processing :** Unlike the earlier Census, the responsibility of the computerised processing of data in respect of Agricultural Census 2005-06 and Input Survey 2006-07 has been entrusted to the National Informatic Center (NIC), Government of India. NIC executed the major task of data processing through the DOEAC (Department of Electronic and Accreditation of Computer Courses) Center, Kolkata and CDAC at New Delhi.

The data processing works of Agricultural Census 2005-06 for the State is undertaken in a local based data processing agency in Guwahati as done in case of 2000-01 Census under the guidance and supervision of the DOEACC Centre, Kolkata through DOEACC Co-ordinator entrusted for the State.

**1.8 Analysis of the data :** The data relating to the structure of operational holding at Micro and Macro levels has been generated since 1970-71 through the quinquennially conducted Agricultural Census by the Department of Agriculture and Co-operation, Government of India in collaboration with the States/UTS. Agricultural production of a country depends to a great extent on the structure of operational holding.

Therefore, the main objective of Agricultural Census is to provide basic data on operational holdings to review the characteristic and structures of the Agricultural sector.

## **2 Methodology :**

Agriculture Census is the largest country-wide statistical operations undertaken by the Ministry of Agriculture, Department of Agriculture & Co-operation, Agriculture Census Division, Government of India, New Delhi.

The Agriculture Census in Assam is conducted by re-tabulation of information as available in the land record (*Chitha* Book) according to ten size classes of operational holdings. Prior to the starting of the field works of the Census, the reference year of the Census, 2005-06 is declared as "Land Record Year" for updating the land records data of the State for getting the factual position of the agricultural holders and reliable data for the purpose of the Census.

As per the concept and definition of Agricultural Census, efforts are made to obtain the de-facto position rather than the de-jure position of the holders.

The Agricultural Census 2005-06 was carried out in the State on Census cum sample basis.

The Census is done in three phases.

(A) In the first phase information on number and area of the operational holding according to ten size classes and under different social groups were collected for gender wise on complete enumeration basis.

In the two hill districts where land record is not maintained, data is collected in 20% sample village through door to door enquiry method.

(B) In the second phase of the census, data is collected in 20% sample villages. In this phase detailed information about the structure of holdings is collected viz. information on tenancy status, area leased in terms of leasing, area under different land use, crop and source wise area irrigated and un-irrigated and disposal of operated area, which is then estimated for the State.

The information are collected in the following broad groups.

- (i) Gender wise number and area of operational holdings by specified size groups and their dispersals.
- (ii) Tenancy status Size class wise.
- (iii) Area under different land use size class wise in six fold classification.
- (iv) Cropping pattern such as cropped once or more than once etc.
- (v) Crop-wise and source-wise area irrigated/un-irrigated size class wise.  
The information so collected were compiled for three social groups viz. scheduled caste, scheduled tribes and other than scheduled caste and scheduled tribes and institutional holding separately.

(C) The 3<sup>rd</sup> phase of the Agriculture Census is known as the Input survey. Input survey is done in only 7 percent sample villages of the total villages of the State. The 7% villages are selected by selecting 35% villages randomly out of the 20% TRS villages which were already selected for the 2<sup>nd</sup> phase of Agricultural Census 2005-06 and data is collected on the pattern of Input used for various crops. The information are collected in respect of :

- (i) *Multiple cropping*
- (ii) *Application of chemical fertilizer and pesticides*
- (iii) *Live-stocks*
- (iv) *Agricultural machineries*
- (v) *Seeds*
- (vi) *Agricultural credit and IPM (Integrated Pest Management).*

### 3 Concept and Definitions :

(a) **Operational holding** : The primary unit of enumeration of the Agriculture Census is the operational holding. It is defined as "All the land which is used wholly or partly for agricultural production and is operated as one technical unit by one person alone or with others, without regard to the title, legal form, size or location"

(b) **Technical unit** : An operational holding (an unit of land) which is operated under the same management and has the same means of production such as labour-force, machinery and animals etc. is called one technical unit.

(c) **Operated area** : Operated area would include both cultivated and uncultivated area, provided a part of it used for the purpose of agricultural production during the reference period. As for example, if an operational holding consist of four survey number and any one of the survey number is used for agricultural production and others are used for non-agricultural uses, the total area under all the survey numbers would be counted as operated area.

(d) **Operational holder** : A person who has the responsibilities for the operation of the holding and who exercises the technical initiatives in operating the agricultural holding is called operational holders.

The holder may have full economic responsibilities or he may share it with others. The operated holders is divided as Individual/Joint and institutional holders.

(e) **Size classes and broad size groups of holdings** : The different size classes for which the data on Agricultural Census is collected are as follows:

- (i) Marginal -  $\left\{ \begin{array}{l} \text{below 0.50 hectare.} \\ \text{0.50 hectare to 1.00 hectare.} \end{array} \right.$
- (ii) Small - 1.00 hectare to 2.00 hectares.
- (iii) Semi-medium  $\left\{ \begin{array}{l} \text{2.00 hectares to 3.00 hectares} \\ \text{3.00 hectares to 4.00 hectares} \end{array} \right.$

- |      |          |   |  |
|------|----------|---|--|
| (iv) | Medium - | { | 4.00 hectares to 5.00 hectares.<br>5.00 hectares to 7.50 hectares.<br>7.50 hectares to 10.00 hectares. |
| (v)  | Large -  | { | 10.00 hectares to 20.00 hectares.<br>20.00 hectares and above.   |

(f) **Home stead land** : The home stead land or the "Abadi" area is the land occupied by the residential house of the holders in a village. The homestead land is not included in the total operational area of the holder if the residential house is located outside the Cultivated area.

On the other hand, if the residential house or farm house building of the holders is located within the cultivated area it would be treated as operated area and would be included in the operated holdings of the farmer.

(g) **Resident and non-Resident operational holders** : All the cultivators residing in a particular village and cultivating some land in the same Tehsil is called the resident cultivators of the village irrespective of the fact that whether they are cultivating some land within the village or not.

On the other hand, if a cultivator residing in a particular village doesn't have any cultivating Land within the same Tehsil of the village of residence, he would be treated as non-resident cultivator of the village.

(h) **The schedules** : Three number of listing schedule is used for collection of primary Census data which are as follows :

Schedule L1 - List of resident operational holders. (recorded in L1.)

Schedule L2 - List of non-resident operational holders. (recorded in L2 in Land record district, in the hill district L2 is used for recording of Institutional holding.)

Schedule L3 - Village summery. (recorded in L3.)

Table 1 - All the data collected though the listing Schedule L1 is tabulated. (in Table-1 of village/circle/District.)

### **The main findings of Agricultural Census 2005-06.**

- (1) The total number of Operational Holdings estimated in the State is 2750114 and Area Operated is 3048543 hectares.
- (2) There is an increase of 1.40 percent holdings in 2005-06 over 2000-01 Census (2712137) whereas total area operated is decreased by 2.09 percent over previous 2000-01 Census (31135.78 hectare).
- (3) An increasing trend is observed in the average size of holding in below 0.50, 1.0 to 2.0 and 20 hectares & above size class by 8.05, 5.42 and 23.65 percent respectively over 2000-01 Agricultural Census and in the other size classes a decreasing trend is recorded.

- (4) The operated area increased in the below 0.50 size class by 46.50 percent and in the 20 above hectares size class 18.63 percent increased over 2000-01 census. In the other size classes operated area decreased in Agricultural Census, 2005-06 over 2000-01 census.
- (5) The marginal and small holding taken together constituted 85.25 percent of the total holdings in Agriculture Census 2005-06 as against 83.34 percent in Agriculture Census 2000-01.
- (6) The individual operated holders shared 99.50 percent of the total holding with operated area 90.72 percent, the joint holders only constituted 0.34 percent holdings and the institutional holdings constituted 0.16 percent with operated area 0.62 percent and 8.66 percent respectively.
- (7) The Agricultural Census 2005-06 shows that the participation of woman in agriculture is in a gradually increasing rate. The total number of woman holders is increased by 32.32 percent over Agriculture Census 2000-01. The Female holders shared 2.13 percent of the total holdings while it was only 1.80 percent in 2000-01.
- (8) Scheduled Caste:- The total number of holding operated by schedule Caste Communities is increased by 20.54 percent over 2000-01 with operated area increased by 7.75 percent over Agriculture Census 2000-01. The small and marginal holdings contributed 87.22 percent of the total holdings. The average size of the holdings is 0.98 against 1.10 hectare in 2000-01.
- (9) Scheduled Tribes:- The number of holdings operated by the scheduled tribes communities is Increase by 10.74 percent over Agriculture Census 2000-01. On the other hand, the area operated by the communities is decreased by 2.23 percent in Agriculture Census 2005-06 over Agriculture Census 2000-01. The average size of the holdings is estimated as 1.12 hectares while it was 1.27 hectares in 2000-01 Census. The marginal and small holdings shares 84.27 percent of the total holders.
- (10) Other Categories:- The number of holdings operated by the holders other than scheduled caste and scheduled tribes communities (General categories) is decreased by 1.61 in Agriculture Census 2005-06 over 2000-01 with operated area decreased by 6.07 percent over 2000-01.

In general categories the marginal group of holdings shows an irregular scenario as it is decreased by 0.60 percent over Agriculture Census 2000-01 but the area operated by the marginal group is increased by 13.62 percent over 2000-01. The average area of holdings in the marginal group is 0.43 hectare against 0.37 hectare in Agriculture Census 2000-01. The average area of holdings operated by the general categories in 2005-06 Census is recorded as 0.99 hectare against 1.04 hectare in Agriculture Census 2000-01. A decreased of (-) 4.81 percent is observed in average area operated over 2000-01.

- (11) Institutional holdings :- The number of holdings operated by the institutions is increased by 63.94 percent over Agriculture Census 2000-01.

The number of institutional holding is recorded as 4533 in 2005-06 Agriculture Census as against 2765 in Agriculture Census 2000-01. The area operated by the institution is increased by 37.33 percent over 2000-01 census. The average area of the Institutional holding in Agriculture Census 2005-06 is decreased to 58.26 hectares as against 69.55 hectares in Agriculture Census 2000-01.

The number of Institutional holdings is mainly constituted by the tea gardens in the State. The high rate of increase in the number of institutional holdings and area operated is being attributed to the plantation of tea gardens by the Small tea growers on Co-operative basis and planting of horticulture gardens practiced in the State.

**District level analysis of the area and holding data :**

1. Out of total 2750114 numbers of holdings in the State, highest number of holdings belong to Sonitpur District with 248257 holders followed by Nagaon with 211346, Kamrup (Rural) with 194423 and Barpeta with 142572 holders.  
  
On the other hand, out of total 3048543 hectares of operated area of the State, Sonitpur District shares highest with 242869 hectares followed by Nagaon District with 225864 hectares, Kamrup (Rural) with 178536 hectares and Barpeta District with 163160 hectares of area.  
  
The average size of holdings is highest in Tinsukia District with 1.73 hectares, followed by Dibrugarh District with 1.72 hectares, Karimganj District with 1.42 hectares, Lakhimpur District with 1.22 hectares and Sivasagar District with 1.21 hectares. The lowest average size of holding is found in Kamrup (Metro) with only 0.83 hectares.
2. The number of holdings operated by the scheduled caste communities is highest in Sonitpur District with 19580 followed by Nagaon with 16818 holdings, Cachar with 15838 holdings and Kamrup District with 15771 holdings. The area operated is highest in Nagaon District with 20423 hectares followed by Sonitpur with 14463, Cachar with 14312 and Kamrup with 12474 hectares.
3. The number of holdings operated by the scheduled tribes communities is highest in Karbi-Anglong District with 66662 holdings followed by Baska District with 30570, Kokrajhar District with 39129 holdings and Goalpara District with 24477 holdings. The area operated by the scheduled tribes communities is highest in Karbi-Anglong District with 75741 hectares followed by Kokrajhar District with 38626 hectares and Baska District with 33115 hectares.
4. Out of the total number of 4533 holdings operated by the institutions, it is highest in Dibrugarh District with 634 holdings followed by Tinsukia district



with 431 holdings, Sivasagar District with 427 holdings, Baska District with 427 holdings, Jorhat District with 396 holdings, Cachar District with 282 holdings, Nagaon District with 268 holdings and Golaghat District with 264 holdings.

The area operated by the Institutions is highest in Tinsukia District with 47768 hectares followed by Dibrugarh District with 47478 hectares, Cachar District with 24560 hectares, Golaghat District with 21447 hectares, Sivasagar District with 21048 hectares, Sonitpur District with 19472 hectares and Baska District with 965 hectares.

5. In the district-wise analysis regarding the percentage variation in the number of holdings in Agricultural Census 2005-06 over Agricultural Census 2000-01 for the District excluding the newly created district and the original parent district where from it was created, it is observed that highest variation is found in Cachar District with (+) 53.59 percent increase followed by Dhubri District with (+) 26.60 Kokrajhar District with (+) 21.49 and Karbi-Anglong District with (+) 16.46. On the other hand highest decreasing variation is observed in Morigaon District with (-) 33.30 percent.

Regarding percentage variation of area operated, the highest increasing trend is observed in Cachar District with (+) 24.05 percent followed by Lakhimpur District with (+) 13.64 percent, Dibrugarh District with (+) 4.30 percent and Sivasagar District with (+) 2.36 percent.

The highest decrease in area is observed in Hailakandi District with (-) 29.53 percent followed by Dhemaji District with (-) 12.86 percent and N.C. Hills District with (-) 12.41 percent.

**Table - I**

**Comparative analysis of 2005-06 and 2000-01 Agriculture census in respect of number of holdings and operated area.**

2000-01		2005-06		Percentage of Increase/Decrease over 2000-01 A/C		Average Size of holdings	
No. of holdings	Operated area	No. of holdings	Operated area	No. of holdings	Operated area	(in hect.)	(in hect.)
2712137	3113578	2750114	3048543	(+)1.40	-2.09	1.15	1.11

Trend in number of operational holdings, operated area and average size of holdings in different Agricultural Censuses since 1970-71 to 2005-06.

**Table - II**

**No of operated holding since 1970-71 to 2005-06**

<b>Agricultural Census</b>	<b>No. of holdings in lakhs</b>
1970-71	19.64
1976-77	22.54
1980-81	22.98
1985-86	24.19
1990-91	25.23
1995-96	26.82
2000-01	27.12
2005-06	27.50

The above table reveals that the number of operational holdings since 1970-71 maintained an increasing trend. It is mainly due to fragmentation of the operational holders alongwith the increasing population.

In the Agricultural Census 2005-06, in comparison to the earlier Censuses, the rate of increase in the number of operational holding is very low and it is because of shifting of Agricultural land to other allied Agricultural Sector.

**Table-III**

**Operated area (in lakh hectares)  
since 1970-71 to 2005-06**

<b>Agricultural Census</b>	<b>Operated area (in lakh hectre)</b>
1970-71	28.83
1976-77	30.79
1980-81	31.20
1985-86	31.61
1990-91	32.04
1995-96	31.38
2000-01	31.14
2005-06	30.49

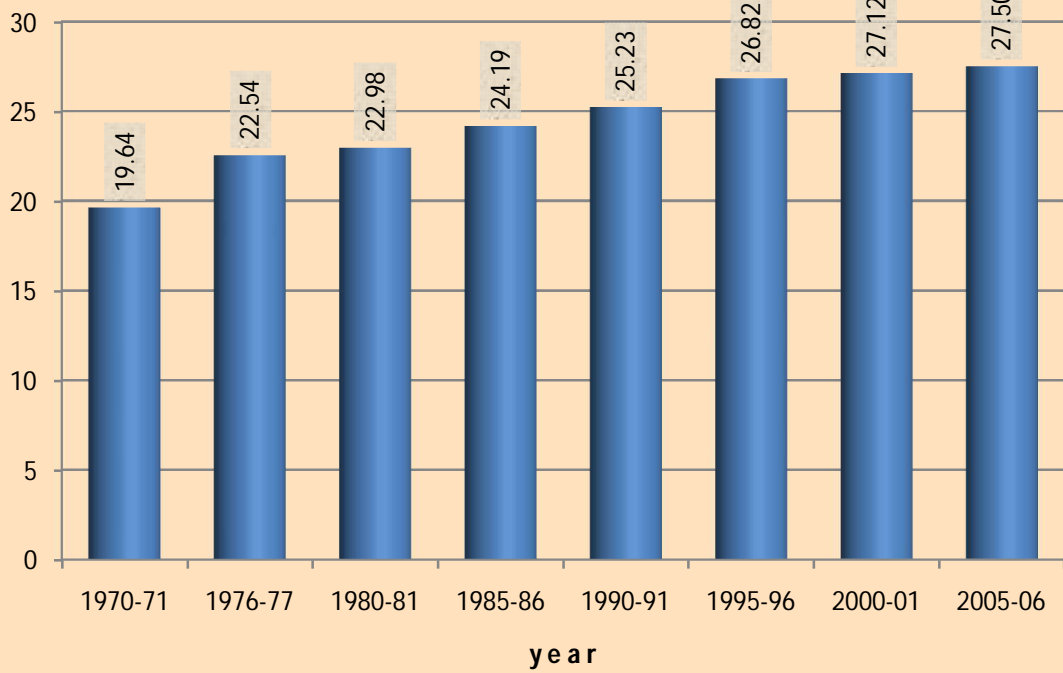
The table above represents the area operated under different Agricultural Census since 1970-71. It is observed that since 1970-71 there is a continuous increasing trend upto 1990-91 Census. In 1995-96 the area operated decreased by 2.06 percent over 1990-91 Census. In 2000-01 area decreased by 0.76 percent over 1995-96 and in 2005-06 operated area decreased by 2.09 percent over 2000-01 Census which is the highest.

**Table-IV**

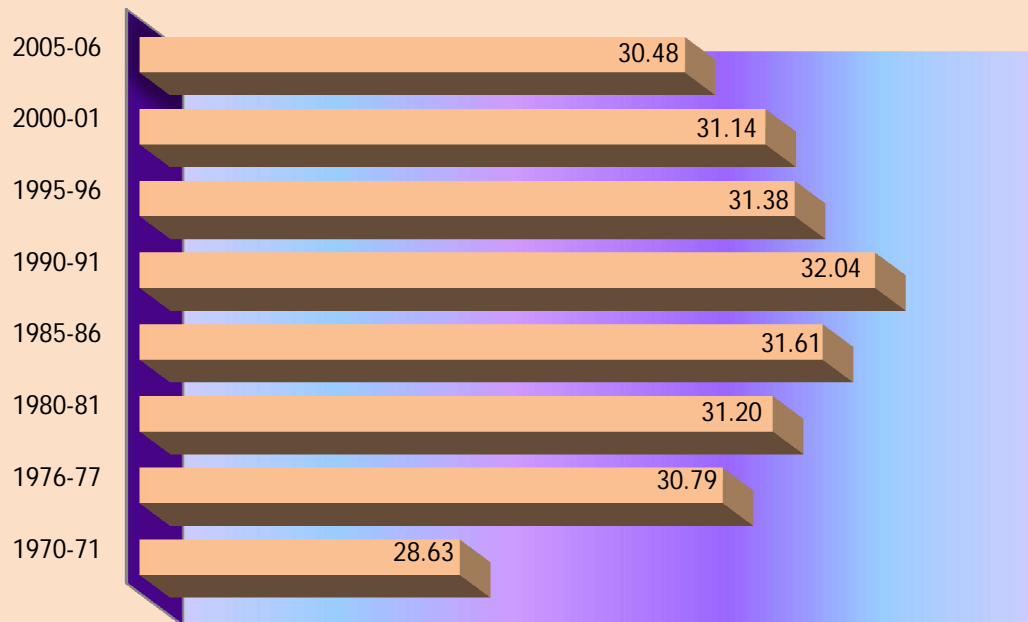
**Average size of holdings (in hectares)  
since 1970-71 to 2005-06**

<b>Agricultural Census</b>	<b>Average size of holdings</b>
1970-71	1.47
1976-77	1.37
1980-81	1.36
1985-86	1.31
1990-91	1.27
1995-96	1.17
2000-01	1.15
2005-06	1.11

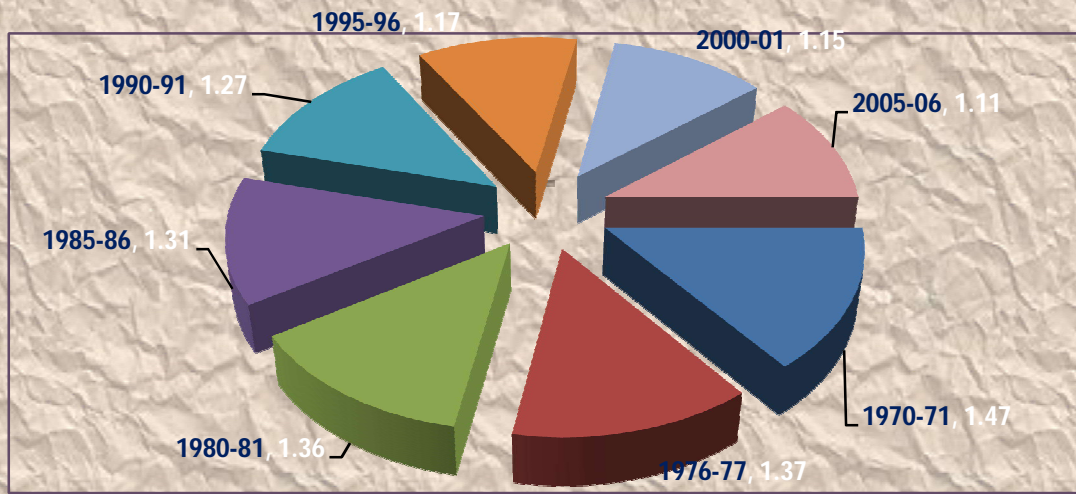
**Number of Operational Holdings in different Agriculture Censuses Conducted in Assam since 1970-71**



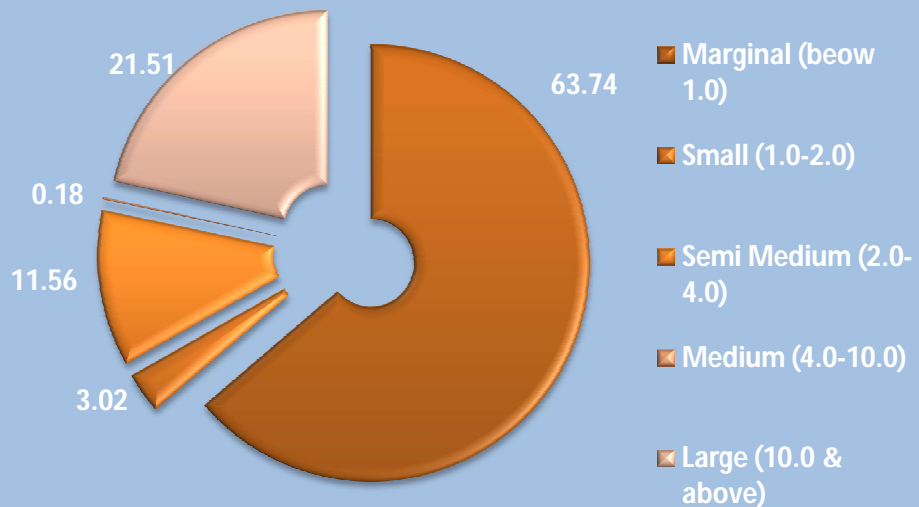
**Area Operated Under Different Agriculture Censuses Conducted in Assam since 1970-71 (in hectare)**

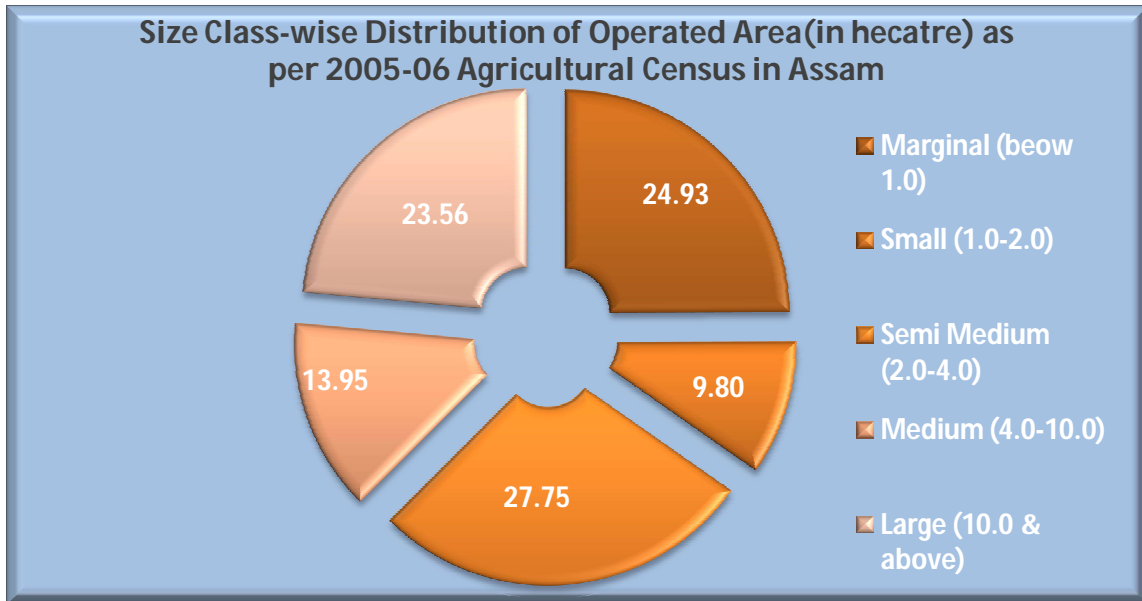


### Average Size of Operational Holding Under Agriculture Censuses Conducted in Assam since 1970-71 (in hectare)



### Size Class-wise Distribution of Operational Holding as per 2005-06 Agricultural Census in Assam (size class in hect)





The average size of holdings shows a continuous decreasing trend, which is due to the effect of increasing trend in the marginal group of operational holdings. Because marginal group of holders maintain a regular increasing trend over all previous censuses.

In Agriculture Census 2000-01, marginal holders constituted about 63 percent of the total holdings of the State. In 2005-06 Census, it has increased to 64 percent and out of the total 64 percent of the marginal holdings, the landless holders, the holdings below 0.50 hectare to 1.00 hectare size class constituted 42 percent of the total holdings.

The 64 percent contribution of the marginal holders, out of which 42 percent is landless holders to the total Agricultural holdings of the State, indicates that the Agriculture is no longer a smooth livelihood for majority of the cultivators in the State.

**Table-V**

**Distribution of number of operational holdings and Area operated size group wise as per 2005-06 Agricultural Census.**

<b>Size groups (in hectares)</b>	<b>Number of holdings</b>	<b>Percentage of concentration</b>	<b>Operated Area (in hectre)</b>	<b>Percentage of concentration</b>
Marginal (Below 1.0)	1752989	63.74	760145	24.93
Small (1.0-2.0)	591431	21.51	718383	23.56
Semi-Medium (2.0-4.0)	317859	11.56	846006	27.75
Medium (4.0-10.0)	82933	3.02	425403	13.95
Large (10.0 & above)	4902	0.18	298606	9.80
<b>All</b>	<b>2750114</b>	<b>100.00</b>	<b>3048543</b>	<b>100.00</b>

The above table reveals the concentration of land holdings in different size groups where marginal groups constituted the largest segment of 63.74 percent of the total holdings and in case of the operated area highest concentration is observed in the semi-medium group. The Census also provides information on the status of different social groups of the operational holders. A comparative study has been made on the social status of the holders in Agriculture Census 2005-06 over 2000-01.

**Table-VI(A)**

**Social group wise number of holdings as per 2005-06 over 2000-01 Agricultural Census.**

<b>Social group</b>	<b>No. of holdings</b>		<b>Percentage increase/decrease</b>
	<i>2000-01</i>	<i>2005-06</i>	
Scheduled Cast	140081	168855	(+) 20.54
Scheduled Tribes	395442	437912	(+) 10.74
Others	2173849	2138814	(-) 1.61
Institutional	2765	4533	(+) 63.94

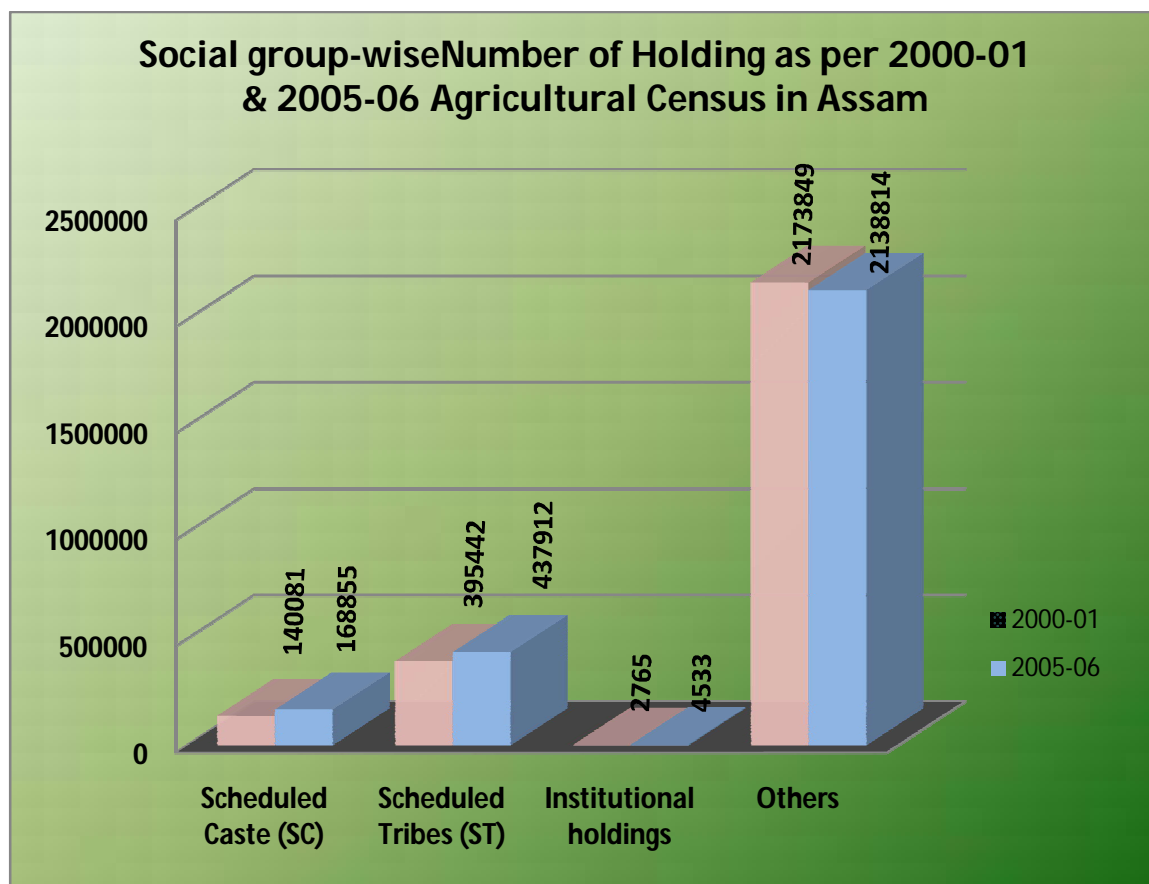
It is observed that the number of holdings operated by Scheduled Caste and Scheduled Tribes community have been increased in Agricultural Census 2005-06. The number of holding under other categories decreased by (-) 1.61 percent and institutional holdings increased by (+) 63.94 percent.

**Table-VI(B)**

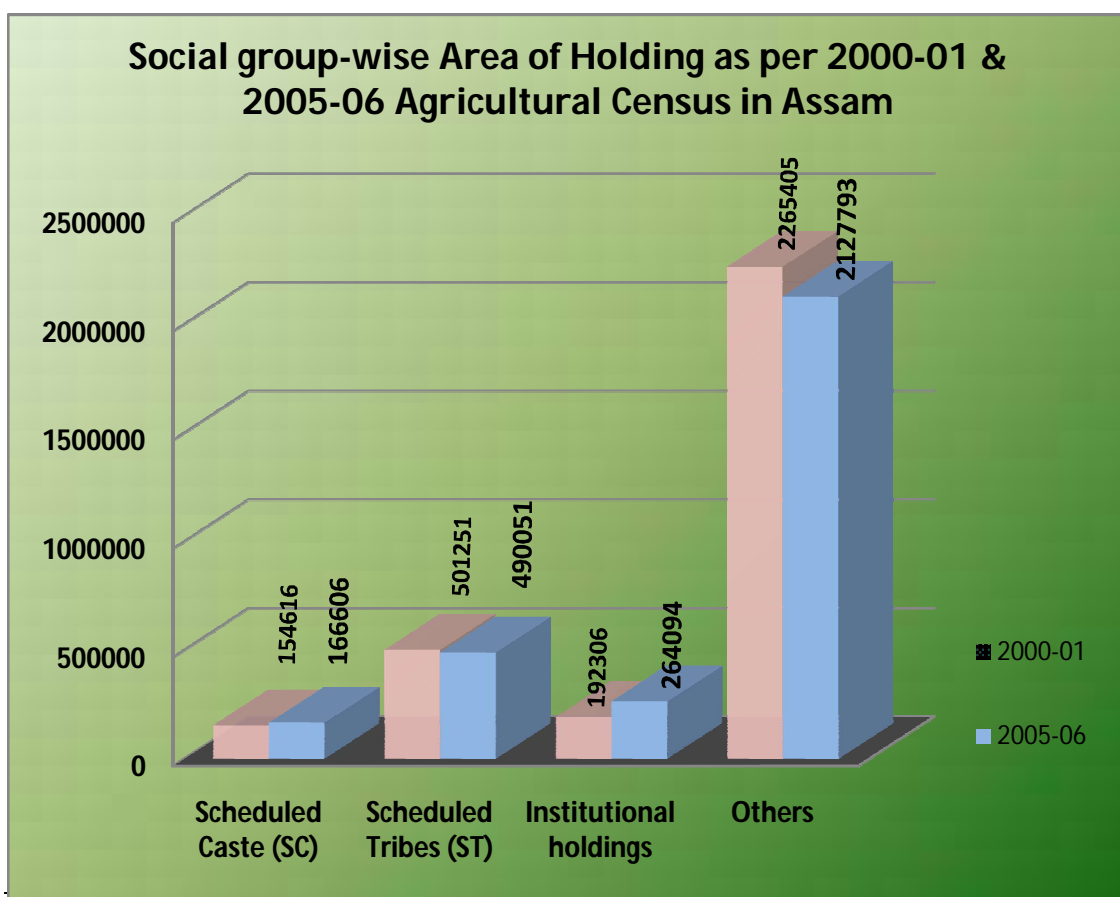
**Social group wise operated area (in hectre) as per Agricultural Census 2005-06 over 2000-01.**

Social group	No. of holdings		Percentage increase/decrease
	2000-01	2005-06	
Scheduled Cast	154616	166606	(+)7.75
Scheduled Tribes	501251	490051	(-)2.23
Others	2265405	2127793	(-)6.07
Institutional	192306	264094	(+)37.33

In analyzing the area of land operated by different communities it has been observed that the increasing trend observed in SC group by 7.75 percent and negative trend observed in ST and other communities. The land under the institutionally operated area increased in highest percentage of (+)37.33 over Agriculture Census 2000-01.







**Table I.I**

**Number of Holdings and Area operated by Different size classes (All Social Group)  
(Holdings in Number and Area in Hectares).**

Sl. No	Size Class	2000-01		2005-06		Percentage variation 2005-06 over 2000-01	
		No. of holdings	Area Operate d	No. of holdings	Area Operate d	Holding	Area
2	0.5-1.0	632589	421790	600591	407093	(-)5.06	(-)3.48
3	Marginal	1699107	662780	1752989	760145	(+)3.17	(+)14.69
4	1.0-2.0	561039	730513	591431	718383	(+)5.42	(-)1.66
5	Small	561039	730513	591431	718383	(+)5.42	(-)1.66
6	2.0-3.0	237912	571548	213427	496983	(-)10.29	(-)13.05
7	3.0-4.0	113609	386411	104432	349023	(-)8.08	(-)9.68

8	Semi-Medium	351521	957959	317859	846006	(-)9.58	(-)11.69
9	4.0-5.0	51839	225127	47117	203933	(-)9.11	(-)9.41
10	5.0-7.5	36264	212879	30482	177267	(-)15.94	(-)16.73
11	7.5-10.0	7397	60791	5334	44203	(-)27.88	(-)27.29
12	Medium	95500	489797	82933	425403	(-)13.16	(-)13.14
13	10.0-20.0	3114	40683	2607	34251	(-)16.28	(-)15.81
14	20 & above	1856	222846	2295	264355	(+)23.65	(+)18.63
15	Large	4970	263529	4902	298606	(-)1.37	(+)13.39
<b>All size classes</b>		<b>2712137</b>	<b>3113578</b>	<b>2750114</b>	<b>3048543</b>	<b>(+)1.40</b>	<b>(-)2.09</b>

The above table shows that the number of Agricultural Holdings and Area operated under the below 0.50 size class increased by 8.05 percent in number of operational holdings and 46.50 percent in the operated area over Agriculture Census 2000-01. Marginal group shows 3.17 percent increased in numbers of holdings and 14.69 percent increase in the operated area over 2000-01. The 20 hectares and above size class also shows an increasing trend in both number of holdings and operated area. It is (+)23.65 percent in number of holding and (+)18.63 percent in area operated over Agricultural Census 2000-01.

On the other hand, except the marginal and 20 above hectre group, all the size classes shows decreasing trend for both number of holdings and operated area. The small size groups shows increasing trend in number of holdings and decreasing trend in area operated.

The number of holdings under all size classes recorded a slight increase of 1.40 percent over 2000-01 census but the area operated decreased by (-)2.09 percent. In Agriculture Census

2005-06, though the number of holdings increased by 1.40 percent, it does not tally the increasing rate of trend of the earlier censuses because of the decreasing area.

The (-)2.09 percent decrease in the operated area over 2000-01 Census may be attributed to shifting of Agricultural land to other allied sector such as fisheries poultries etc. Urbanization, Industrialization, Expansion of homestead land and acquisition of Agricultural land for widening of national highways for construction of four-way lane all over the State is also responsible to some extent.

**Table I.2(A)**

**Number and Area of operational holdings and percentage variation of average size of holdings over 2000-01 (All Social Group)**

*(Holdings in Number and Area in Hectares)*

Categories	No. of holdings	Percentage to total	Area operated	Percentage to total	Average size of holdings 2005-06 (in hect.)	Average size of holdings 2000-01 (in hect.)	Percentage of variation of average size over 2000-01
Individual	2736348	99.50	2765648	90.72	1.01	1.07	(-)5.61
Joint	9233	0.34	18801	0.62	2.04	2.05	(-)0.49
Institutional	4533	0.16	264094	8.66	58.26	69.55	(-)16.25
<b>Total</b>	<b>2750114</b>	<b>100.00</b>	<b>3048543</b>	<b>100.00</b>	<b>1.11</b>	<b>1.15</b>	<b>(-)3.48</b>

As seen from the above table that the holdings operated by the individual holders constituted 99.50 percent of the total holdings and joint holdings constituted only 0.34 percent and institutional holdings 0.16 percent.

The area operated by the Individual holders is 90.72 percent of the total operated area, Joint holdings shared only 0.62 percent and Institutional holdings 8.66 percent.

**Table-1.2(B)**

**Number of holdings and area (in hect.) operated by Male and Female holders in 2005-06 (All Social Groups), Percentage variation of average size of holding over 2000-01.**

Categories		No. of holdings	Percentage to total	Area operated (in hect.)	Percentage to total	Average size of holdings 2005-06	Average size of holdings 2000-01	Percentage variation over 2000-01
Individual	Male	2687036	97.71	2701236	88.61	1.01	1.07	(-)5.61
	Female	49312	1.79	64412	2.11	1.31	0.98	(+)33.67
	Total	2736348	99.50	2765648	90.72	1.01	1.07	(-)5.61
Joint	Male	8926	0.33	18427	0.61	2.06	2.08	(-)0.96
	Female	307	0.01	374	0.01	1.22	1.18	(+)3.39
	Total	9233	0.34	18801	0.62	2.04	2.05	(-)0.49
Individual + Joint	Male	2695962	98.03	2719663	89.21	1.01	1.08	(-)6.43
	Female	49619	1.80	64786	2.13	1.31	0.99	(+)32.32
	Total	2745581	99.84	2784449	91.34	1.01	1.08	(-)6.48
Institutional		4533	0.16	264094	8.66	58.26	69.55	(-)16.23
<b>Total</b>		<b>2750114</b>	<b>100.00</b>	<b>3048543</b>	<b>100.00</b>	<b>1.11</b>	<b>1.15</b>	<b>(-)3.48</b>

As per the table 1.2 (B) in the individual categories the Male holders constituted 97.71 percent of the total holdings and the Female holders constituted only 1.79 percent of the total holdings. The operated area is 88.61 percent and 2.11 percent of the total operated area by the Male and Female holders in Agriculture Census 2005-06 respectively.

In the Joint categories the Male holders constitute 0.33 percent of the total holdings and Female holders 0.01 percent and the area operated by Male holders constitute 0.61 percent and Female holders 0.01 percent.

The Institutional holdings constituted only 0.16 percent of total holdings and 8.66 percent area operated.

In the Individual category, average size of holdings for Male holders decreased by (-) 5.61 percent over 2000-01 and there is an increase of (+) 33.67 percent in the average size of the holdings for the Female holders.

In case of Joint holdings the same case repeated, average size of holdings for Male decreased by (-) 0.96 percent and for Female increased by (+) 3.39 percent over Agriculture Census 2000-01.

The average size of holdings of the Female holders for together individual and Joint categories is increased by (+) 32.32 percent in Agriculture Census 2005-06 over 2000-01.

**Table-1.3**

**Comparison of number of holdings of All Social group of Agriculture Census 2005-06 over 2000-01 under each size groups**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	Number of holdings	Percentage to total	Number of holdings	Percentage to total	
Marginal	1699107	62.65	17552989	63.74	(+)3.17
Small	561039	20.69	591431	21.51	(+)5.42
Semi Medium	351521	12.96	317859	11.56	(-)9.58
Medium	95500	3.52	82933	3.02	(-)13.16
Large	4970	0.18	4902	0.18	(-)1.37
<b>Total</b>	<b>2712137</b>	<b>100.00</b>	<b>2750114</b>	<b>100.00</b>	<b>(+)1.40</b>

Table 1.3 shows that the marginal holdings constituted 63.74 percentage of the total operated holdings and there is an increase of 3.17 percent in the Agriculture Census 2005-06 over 2000-01.

Small holdings also shows increasing trend and on the other hand in Semi Medium, Medium and Large groups of holdings, there is a decreasing trend by (-)9.58, (-)13.16 and (-)1.37 percent respectively over Agriculture Census 2000-01. Holding under all size groups increased by (+)1.40 percent.

**Table-1.4**

**Comparison of operated area of All Social Group of Agricultural Census 2005-06 over 2000-01**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	Area operated	Percentage to total	Area operated	Percentage to total	
Marginal	662780	21.29	760145	24.93	(+)14.69
Small	730513	23.46	718383	23.56	(-)1.66
Semi Medium	957959	30.77	846006	27.75	(-)11.69
Medium	498797	16.02	425403	13.95	(-)14.71
Large	263529	8.46	298606	9.80	(+)13.31
<b>Total</b>	<b>3113578</b>	<b>100.00</b>	<b>3048543</b>	<b>100.00</b>	<b>(-)2.09</b>

The area under Marginal group shared 24.93 percent to the total operated area. An increase of (+) 14.69 percent of area in the Marginal group has been noticed in the Agriculture Census 2005-06 over 2000-01.

The Semi Medium category of holdings shared the highest percentage of concentration of 27.75 over the total operated area. A decline of (-) 11.69 percent of area in Agriculture Census 2005-06 over 2000-01 census has been noticed under the category.

The area under Large size group increased by (+)13.31 percent over 2000-01.

The area under Large size group increased due to plantation of new Tea Garden by the small tea growers of the State on Co-operative basis.

The over all area operated by all size groups is decreased by (-)2.09 percent over 2000-01 census.

**Table-1.5**

**Comparison of Average size of holdings (All Social Group)  
of Agricultural Census 2005-06 over 2000-01.**

Size groups	Average size of holdings (in hect.)		Percentage variation of average size of holdings over 2000-01
	2000-01	2005-06	
Marginal	0.39	0.43	(+)10.26
Small	1.30	1.21	(-)6.92
Semi Medium	2.73	2.66	(-)2.56
Medium	5.22	5.13	(-)1.72
Large	53.02	60.92	(+)14.90
<b>All</b>	<b>1.15</b>	<b>1.11</b>	<b>(-)3.48</b>

The average size of holdings for all social group shows a decreasing trend of (-)3.48 percent over Agriculture Census 2000-01, but in the marginal group of holdings the average area operated goes up by (+)10.26 percent and the Large size group also recorded an increase of 14.90 percent over Agriculture Census 2000-01.

**Table 1.6**

**Number of holdings and area (in hect.) operated by Females  
according to size class for All Social Group.**

Size group	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01	
	Number	Area	Number	Area	Number	Area
Marginal	34727	13678	25899	12968	(-)25.42	(-)5.19
Small	10430	13742	13512	19050	(+)29.55	(+)38.63
Semi-Medium	7012	17978	8285	22632	(+)18.55	(+)25.89
Medium	1219	6355	1881	9616	(+)54.31	(+)51.31
Large	31	508	42	521	(+)35.48	(+)2.56
<b>All</b>	<b>53419</b>	<b>52261</b>	<b>49619</b>	<b>64786</b>	<b>(-)7.11</b>	<b>(+)23.97</b>

It is observed from the above table that there is an increasing trend in the number of holdings and area operated by the Female holders in all size classes except in the Marginal group. As the Marginal group contributed about 52.20 percent to the total number of holdings, there is a fall of (-)7.11 percent in the number of holdings under all size groups operated by the women Agricultural holders as compared with 2000-01 Agricultural census. But the area operated increased by 23.97 percent in Agriculture Census 2005-06 over 2000-01 census.

**Table-2.1**

**Comparison of number of holdings operated by scheduled caste communities in Agriculture Census 2005-06 over 2000-01.**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	No. of holdings	Percentage concentration to total	No. of holdings	% Percentage concentration to total	
Marginal	81423	58.13	102092	60.46	(+)25.38
Small	33868	24.18	45178	26.76	(+)33.39
Semi-Medium	20378	14.55	18017	10.67	(-)11.59
Medium	4316	3.08	3481	2.06	(-)19.35
Large	96	0.07	87	0.05	(-)9.38
<b>All</b>	<b>140081</b>	<b>100.00</b>	<b>168855</b>	<b>100.00</b>	<b>(+)20.54</b>

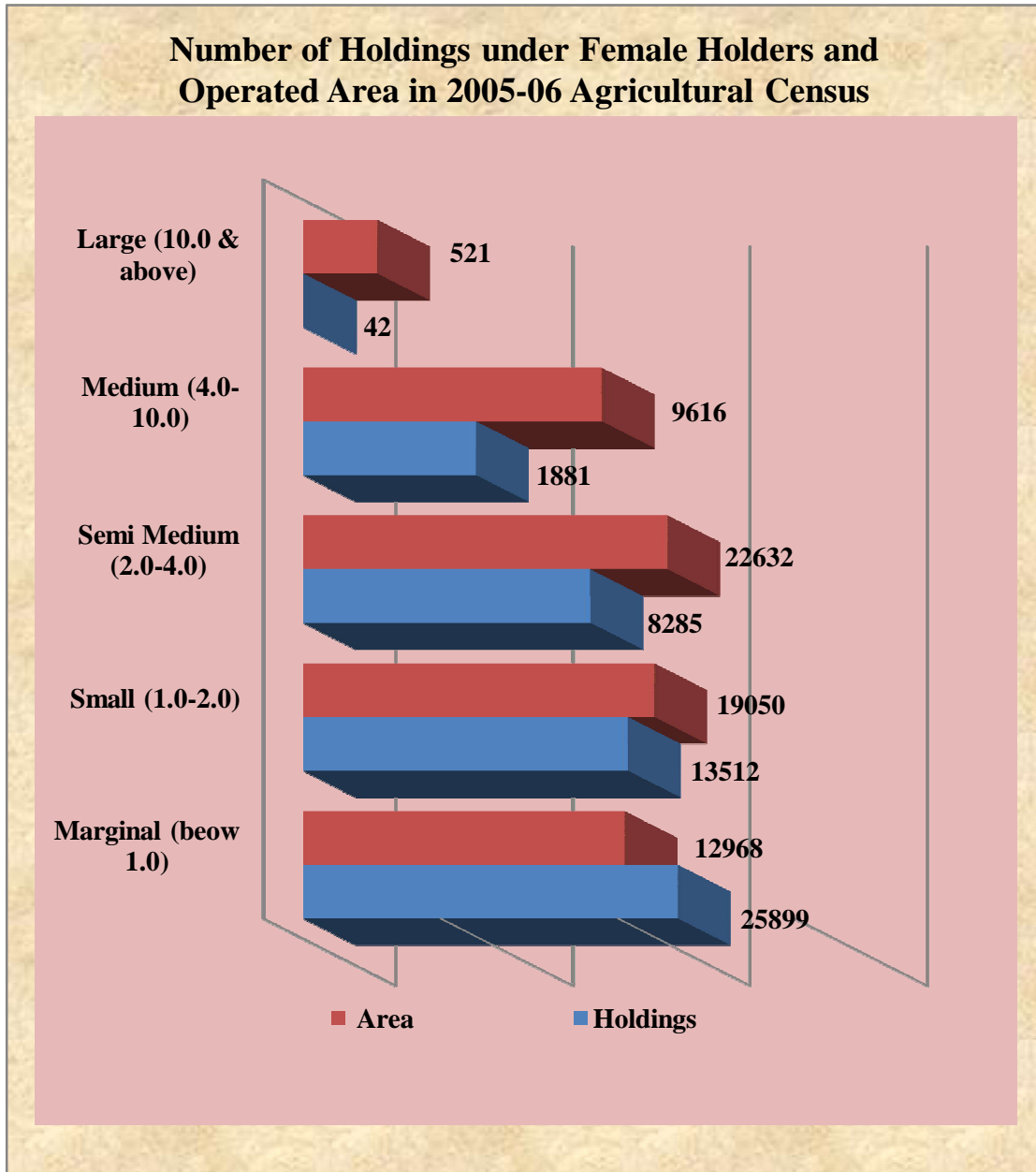
There is an increasing trend in the Marginal and Small size groups operated by the scheduled caste communities. i.e 25.38 percent in Marginal group and 33.39 percent in Small group of holding. In the other size groups it decreased by (-)11.59, (-)19.35 and (-)9.38 in the Semi-Medium, Medium and Large size group respectively. There is an increase of 20.54 percent in all size groups over Agriculture Census 2000-01.

**Table-2.2**

**Comparison of area(in hect.) operated by scheduled caste communities in Agriculture Census 2005-06 over 2000-01.**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	Area	Percentage concentration to total	Area	Percentage concentration to total	
Marginal	35222	22.78	46963	28.19	(+)33.33
Small	42501	27.49	53057	31.85	(+)24.84
Semi-Medium	52457	33.93	47506	28.51	(-)9.44
Medium	22628	14.63	17852	10.72	(-)21.10
Large	1808	1.17	1227	0.74	(+)32.13
<b>All</b>	<b>154616</b>	<b>100.00</b>	<b>166606</b>	<b>100.00</b>	<b>(+)7.75</b>

In the area operated by the Schedule caste categories, 33.35 percent increase is recorded in Marginal group and 24.84 percent increase in Small size group and 7.75 percent increase in the all size group categories have been observed over 2000-01 Agricultural Census . The Medium, Semi-Medium and Large size group shows decreasing trend over Agriculture Census 2000-01.





**Table-2.3**

**Comparison of Average size of holdings (Scheduled caste) in Agricultural Census 2005-06 over 2000-01.**

Size groups	Average size of holdings (in hect.)		Percentage variation of average size of holdings over 2000-01
	2000-01	2005-06	
Marginal	0.43	0.46	(+)6.98
Small	1.25	1.17	(-)06.40
Semi Medium	2.57	2.64	(+)2.72
Medium	5.24	5.13	(-)2.10
Large	18.83	14.10	(-)25.12
<b>All</b>	<b>1.10</b>	<b>0.98</b>	<b>(-)10.91</b>

Average size of holdings of the Scheduled caste categories shows an increasing trend in Marginal and Semi-medium group which is 6.98 percent in Marginal group and 2.72 percent respectively. The other remaining categories shows a decreasing trend. The average area of all categories decreased by (-)10.91 percent over 2000-01 census.

**Table-3.1**

**Comparison of number of holdings operated by scheduled Tribes communities in Agriculture Census 2005-06 over 2000-01.**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	No. of holdings	Percentage concentration to total	No. of holdings	Percentage concentration to total	
Marginal	209173	52.90	250227	57.14	(+)19.63
Small	107305	27.14	118821	27.13	(+)10.73
Semi-Medium	62737	15.87	53227	12.16	(-)15.16
Medium	15634	3.95	15245	3.48	(-)2.49
Large	593	0.15	392	0.09	(-)33.90
<b>All</b>	<b>395442</b>	<b>100.00</b>	<b>437912</b>	<b>100.00</b>	<b>(+)10.74</b>

The number of holdings operated by scheduled tribes communities increased by 19.63 percent in Marginal group and 10.73 percent in Small group over 2000-01 census. The number of holdings in Semi-Medium group decreased by (-)15.16

percent, in Medium group by (-)2.49 percent and in Large group by (-)33.90 percent over 2000-01.

The number of holdings in all size group increased by 10.74 percent over Agriculture Census 2000-01.

The Marginal group of holdings has the highest concentration of 57.14 percent to the total numbers of holdings and the Large group has the lowest concentration of 0.09 percent to total holdings.

**Table-3.2**

**Comparison of area(in hect.) operated by the scheduled tribes communities in Agriculture Census 2005-06 over 2000-01.**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	Area	Percentage concentration to total	Area	Percentage concentration to total	
Marginal	102853	20.52	116949	23.87	(+)13.70
Small	141217	28.17	145804	29.75	(+)3.25
Semi-Medium	165870	33.09	142587	29.10	(-)14.04
Medium	82849	16.53	79055	16.13	(-)4.58
Large	8462	1.69	5655	1.15	(-)33.17
<b>All</b>	<b>501251</b>	<b>100.00</b>	<b>490051</b>	<b>100.00</b>	<b>(-)2.23</b>

The area operated by the scheduled tribes communities in Agriculture Census 2005-2006 is increased by 13.70 percent in Marginal group and 3.25 percent in Small group over 2000-01 census.

The other size group shows decreasing trend and the overall size class also shows a decreasing trend by (-)2.23 percent over Agriculture Census 2000-01.

The concentration of Area is the highest in the Small group and lowest in the Large group by 29.75 and 1.15 percent respectively to the total area operated.

**Table-3.3****Average size of holdings (Scheduled Tribes)**

Size groups	Average size of holdings (in hect.)		Percentage variation of average size of holdings over 2000-01
	2000-01	2005-06	
Marginal	0.49	0.47	(-)4.08
Small	1.32	1.23	(-)6.82
Semi Medium	2.64	2.68	(+)1.52
Medium	5.30	5.19	(-)2.08
Large	14.27	14.43	(+)1.12
<b>All</b>	<b>1.27</b>	<b>1.12</b>	<b>(-)18.81</b>

The average size of holdings operated by the Scheduled Tribes communities is increased in 2005-06 Agriculture Census, in the Semi-Medium group by 1.52 percent and in Large size group by 1.12 percent over 2000-01 census. Average area in all size class decreased by (-) 18.81 percent over Agriculture census 2000-01 census.

**Table-4.1****Comparison of number of holdings operated by the General Categories other than SC and ST under each size group in Agriculture Census 2005-06 over 2000-01**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	No. of holdings	Percentage concentration to total	No. of holdings	Percentage concentration to total	
Marginal	1408096	64.77	1399622	65.44	(-)0.60
Small	419664	19.31	427121	19.97	(+)1.78
Semi-Medium	268146	12.34	246287	11.52	(-)8.15
Medium	75264	3.46	63819	2.98	(-)15.21
Large	2679	0.12	1895	0.09	(-)29.26
<b>All</b>	<b>2173849</b>	<b>100.00</b>	<b>2138814</b>	<b>100.00</b>	<b>(-)1.61</b>

In Agriculture Census 2005-06, the holdings operated by the General Categories in the Marginal group has the highest concentration of 65.44 percent holdings over the total holdings. The Large holders has the lowest concentration of 0.09 percent.

The number of holdings operated by the General categories recorded an irregular scenario as the Marginal group of holdings shows a decreasing trend by (-) 0.60 percent over the Agriculture Census 2000-01 but the small holders record an increase of 1.78 percent over Agriculture Census 2000-01. The other size group Semi-medium, Medium and Large group along with the all size group shows a decreasing trend. All size group holdings decreased by (-) 1.61 percent over 2000-01.

**Table-4.2**

**Comparison of area operated by the other communities in Agriculture Census 2005-06 over 2000-01.**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	Area operated	Percentage concentration to total	Area operated	Percentage concentration to total	
Marginal	524419	23.15	595856	28.00	(+)13.62
Small	546514	24.12	519079	24.40	(-)5.02
Semi-Medium	738905	32.62	654945	30.78	(-)11.36
Medium	391452	17.28	325842	15.31	(-)16.76
Large	64115	2.83	32064	1.51	(-)49.99
<b>All</b>	<b>2265405</b>	<b>100.00</b>	<b>2127793</b>	<b>100.00</b>	<b>(-)6.07</b>

Area under Marginal group shows an increasing trend of 13.62 percent over Agriculture Census 2000-01 and the Area under other all categories shows a decreasing trend. The Large categories holdings show the highest decline of area which is (-) 49.99 percent. Area under all size groups decreased by (-)6.07 percent over 2000-01 census.

**Table-4.3**

**Average size of holdings of other categories.**

Size groups	Average size of holdings (in hect.)		Percentage variation of average size of holdings over 2000-01
	2000-01	2005-06	
Marginal	0.37	0.43	(+)16.22
Small	1.30	1.22	(-)6.15
Semi Medium	2.76	2.66	(-)3.62
Medium	5.20	5.11	(-)1.73
Large	23.93	16.92	(-)29.29
<b>All</b>	<b>1.04</b>	<b>0.99</b>	<b>(-)4.81</b>

From the above table it reveals that the average size of holdings under the Marginal size group is increased by 16.22 percent over Agriculture census 2000-01.

The average size of holdings under the other categories has recorded a decreasing trend. The large size group of holdings shows the highest decreasing trend with (-) 29.29 percent. Average size for all categories decreased by (-) 4.81 percent over the Agriculture Census 2000-01.

**Table-5.1**

**Comparison of number of holdings operated by the Institutions during 2005-06 over 2000-01 under each size group.**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	No. of holdings	Percentage concentration to total	No. of holdings	Percentage concentration to total	
Marginal	415	15.81	978	21.58	135.66
Small	202	7.31	311	6.86	53.96
Semi-Medium	260	9.40	328	7.24	26.15
Medium	286	10.34	388	8.59	35.66
Large	1602	57.94	2528	55.77	57.80
<b>All</b>	<b>2765</b>	<b>100.00</b>	<b>4533</b>	<b>100.00</b>	<b>63.94</b>

The number of holdings operated under Institution, which is constituted mainly the Tea garden in the state, is highly concentrated in the Large groups of holdings which is 57.80 percent. The number of holdings under all size groups from Marginal to Large holdings recorded a sharp increasing trend in Agriculture census 2005-06 over 2000-01 census. The marginal holdings show highest increase of 135.66 percent over Agriculture Census 2000-01. Large group of holdings increased by 57.80 percent and the total holdings under All size groups is increased by 63.94 percent over Agriculture Census 2000-01.

**Table-5.2**

**Comparison of area (in hectares) operated by Institutions during Agriculture Census 2005-06 over 2000-01 under all size group (Area in hect).**

Size groups	2000-01		2005-06		Percentage variation of 2005-06 over 2000-01
	Area	Percentage concentration to total	Area	Percentage concentration to total	
Marginal	286	0.15	376	0.14	31.47
Small	281	0.15	443	0.17	57.65
Semi-Medium	727	0.38	967	0.37	30.12
Medium	1868	0.97	2647	1.00	40.70
Large	189144	98.36	259660	98.32	37.28
<b>All</b>	<b>192306</b>	<b>100.00</b>	<b>264094</b>	<b>100.00</b>	<b>37.33</b>

The concentration of operated area under the Institutional holdings is highest in the Large group with 98.32 percent to total. The area cultivated under the Institutional holdings recorded a visible variation. The highest percent of variation is observed in the Small group, which is 57.65 percent over 2000-01. All the other groups also shows the highest increasing tendency over 2000-01.

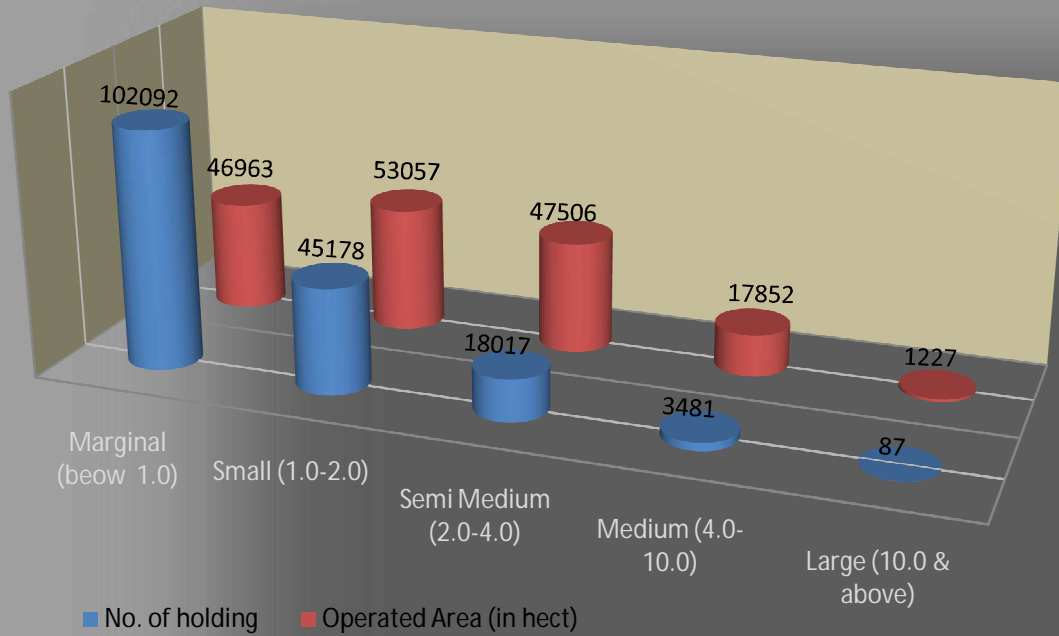
**Table-5.3**

**A comparison of Average size of holdings operated by the Institutions during 2005-06 over 2000-01 (area in hect)**

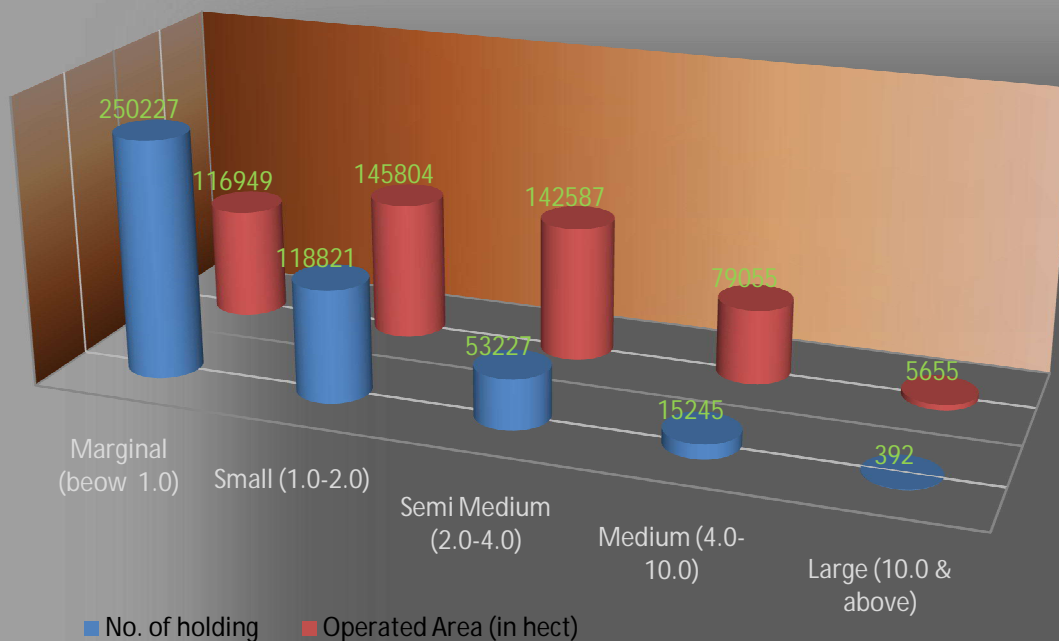
Size groups	Average size of holdings		Percentage variation of average size of holdings over 2000-01
	2000-01	2005-06	
Marginal	0.69	0.38	(-)44.93
Small	1.39	1.42	(+)2.16
Semi Medium	2.80	2.95	(+)5.36
Medium	6.53	6.82	(+)4.44
Large	118.07	102.71	(-)13.01
<b>All</b>	<b>69.53</b>	<b>58.26</b>	<b>(-)16.23</b>

The average size of holdings has increased in Small, Semi-medium and Medium size groups and in Marginal and Large groups it is decreased by (-) 44.93 percent and (-) 13.01 percent respectively. Average area of holdings under All size groups is decreased by (-) 16.23 percent over 2000-01 Census.

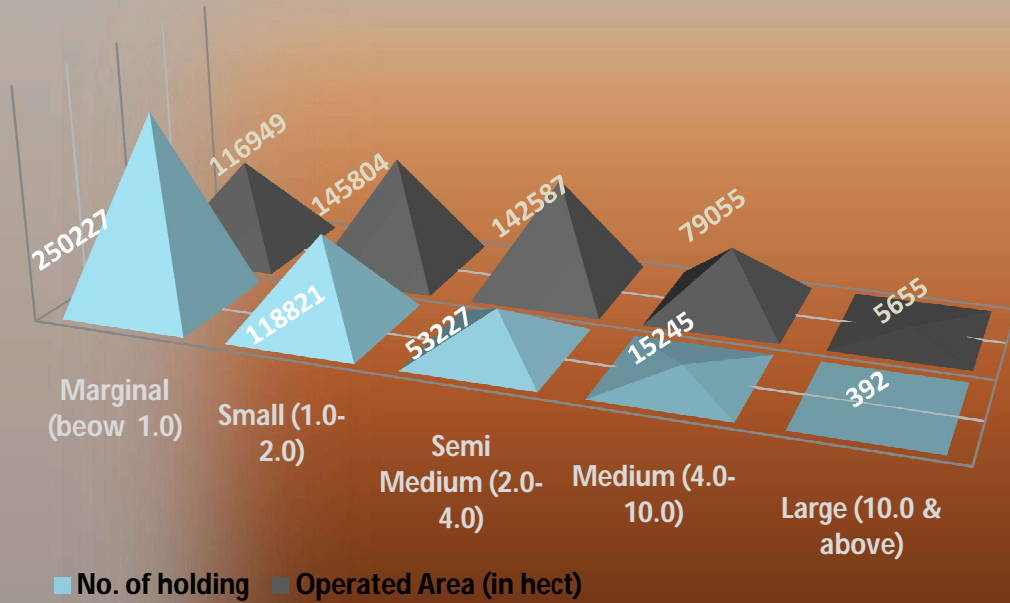
Size Class-wise Number of Holdings and Area Operated by Scheduled Caste as per 2005-06 Agricultural Census



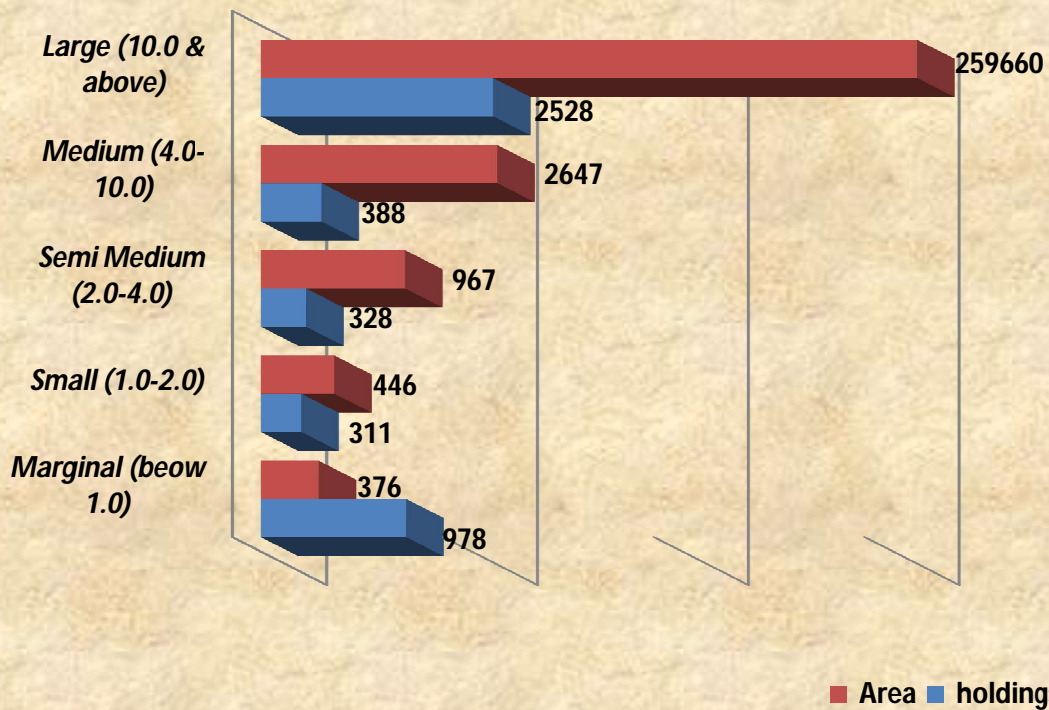
Size Class-wise Number of Holdings and Area Operated by Scheduled Tribes as per 2005-06 Agricultural Census



Size Class-wise Number of Holdings and Area Operated by Other Communities (other than SC & ST) as per 2005-06 Agricultural Census



Number of Holdings under Institutional Holdings and Operated Area in 2005-06 Agricultural Census





**Table-6****Operational Holdings and Area operated by All Social Groups in 2000-01 and 2005-06 in Assam**

Category of Size class	Number		Percentage variation in 2005-06 over 2000-01	Area (Hect.)		Percentage variation in 2005-06 over 2000-01	Average Size (Hect)	
	<i>2000-01</i>	<i>2005-06</i>		<i>2000-01</i>	<i>2005-06</i>		<i>2000-01</i>	<i>2005-06</i>
Below 0.50	1066518	1152398	8.05	240990	353052	46.50	0.23	0.31
0.50-1.00	632589	600591	-5.06	421790	407093	-3.48	0.67	0.68
Marginal	1699107	1752989	3.17	662780	760145	14.69	0.39	0.43
1.0-2.0	561039	591431	5.42	730513	718383	-1.66	1.30	1.21
Small	561039	591431	5.42	730513	718383	-1.66	1.30	1.21
2.0-3.0	237912	213427	-10.29	571548	496983	-13.05	2.40	2.33
3.0-4.0	113609	104432	-8.08	386411	349023	-9.68	3.40	3.34
Semi-medium	351521	317859	-9.58	957959	846006	-11.69	2.73	2.66
4.0-5.0	51839	47117	-9.11	225127	203933	-9.41	4.34	4.33
5.0-7.5	36264	30482	-15.94	212879	177267	-16.73	5.87	5.82
7.5-10.0	7397	5334	-27.88	60791	44203	-27.29	8.23	8.29
Medium	95500	82933	-13.16	498797	425403	-13.14	5.22	5.13
10.0-20.0	3114	2607	-16.28	40683	34251	-15.81	13.06	13.14
20.0 & above	1856	2295	23.65	222846	264355	18.63	120.07	115.19
Large	4970	4902	-1.37	263529	298606	13.31	53.02	60.92
<b>All</b>	<b>2712137</b>	<b>2750114</b>	<b>1.40</b>	<b>3113578</b>	<b>3048543</b>	<b>-2.09</b>	<b>1.15</b>	<b>1.11</b>

**Table-7**

District wise Number and Area of operational holdings (in hectares) and average size of holdings for all Social Groups.

District	Individual holding		Average size of Individual holding	Joint holdings		Average size of Joint holding	Instl. holdings		Average size of Institutional holding	Total holdings		Average size of Total holding
	Number	Area		Number	Area		Number	Area		Number	Area	
Kamrup	194256	176273	0.91	0	0		167	2263	13.55	194423	178536	0.92
Nalbari	62226	70051	1.13	0	0		6	99	16.5	62232	70150	1.13
Barpeta	141709	160089	1.13	768	1746	2.27	95	1325	13.95	142572	163160	1.14
Bongaigaon	53905	52279	1.13	2501	4341	1.74	4	4	1	56410	56625	1
Kokrajhar	87335	84740	0.97	0	0		47	1416	30.13	87382	86157	0.99
Goalpara	87966	88424	1.01	705	1031	1.46	18	1039	57.72	88689	90494	1.02
Dhubri	128493	134208	1.04	343	724	2.11	29	571	19.69	128865	135503	1.05
Cachar	102974	94711	0.92	2	14	7	282	24560	87.09	103258	119285	1.16
Hailakandi	78155	71983	0.92				34	11328	333.18	78189	83311	1.07
Karimganj	59252	62857	1.06	2391	5433	2.27	197	19224	97.58	61840	87514	1.42
Dibrugarh	92670	113285	1.22	301	358	1.19	634	47478	74.89	93605	161121	1.72
Tinsukia	100858	127313	1.26	68	171	2.51	431	47768	110.83	101357	175253	1.73
Sivasagar	112671	115477	1.02	342	992	2.9	427	21048	42.29	113440	137517	1.21
Jorhat	120147	122071	1.02				396	18363	46.37	120543	140434	1.17
Golaghat	133393	125539	0.94	43	188	4.37	264	21447	81.24	133700	147174	1.1
Nagaon	211062	217500	1.03	16	79	4.94	268	8286	30.92	211346	225864	1.07
Marigaon	107099	91490	0.85	55	117	2.13	142	405	2.85	107296	92012	0.86
Sonitpur	248015	223395	0.9	3	2	0.66	239	19472	81.47	248257	242869	1.02
Darrang	77053	73170	0.95	1	21	21	38	2065	54.34	77092	75257	0.98
Lakhimpur	70180	84906	1.21				101	1103	10.92	70281	86009	1.22
Dhemaji	99224	101856	1.03				14	573	40.93	99238	102429	1.03
N.C.Hills	11259	11100	0.99							11259	11100	0.99
K. Anglong	77797	86896	1.12				41	333	8.12	77838	87229	1.12

Kamrup(M)	41375	33851	0.82	936	1345	1.44	85	162	1.91	42396	35358	0.83
Baska	87389	89523	1.02	758	2239	2.95	427	965	2.26	88574	92727	1.05
Chirang	39946	47385	1.19				40	80	2	39986	47466	1.19
Udalguri	109939	105275	0.96				107	12714	118.82	110046	117989	1.07
<b>Total</b>	<b>2736348</b>	<b>2765647</b>	<b>1.01</b>	<b>9233</b>	<b>18801</b>	<b>2.04</b>	<b>4533</b>	<b>264091</b>	<b>58.25</b>	<b>2750114</b>	<b>3048543</b>	<b>1.11</b>

**Table-8**

**District wise Number and Area of operational holdings and average size of holdings as per Social status for all size classes**

District	Operational holdings (SC)		Average size of holdings (SC)	Operational holdings (ST)		Average size of holdings (ST)	Operational holdings (Others)		Average size of holdings (Others)	Operational holdings (Institutional)		Average size of holdings (Institutional)
	Number	Area		Number	Area		Number	Area		Number	Area	
Kamrup	15771	12474	0.79	15133	17183	1.14	163352	146616	0.9	167	2263	13.55
Nalbari	3654	3859	1.06	4307	4771	1.11	54265	61421	1.13	6	99	16.5
Barpeta	6217	6848	1.1	4551	6081	1.34	131709	148906	1.13	95	1325	13.95
Bongaigaon	4313	4331	1.01	1134	1140	1.01	50959	51150	1	4	4	1
Kokrajhar	2193	2263	1.03	39129	38626	0.99	46013	43851	0.95	47	1416	30.13
Goalpara	10355	9137	0.88	24477	26270	1.07	53839	54048	1	18	1039	57.72
Dhubri	1697	1380	0.81	2587	3642	1.41	124552	129911	1.04	29	571	19.69
Cachar	15838	14312	0.9	6169	6578	1.07	80969	73835	0.91	282	24560	87.09
Hailakandi	6054	6562	1.08	346	831	2.4	71755	64591	0.9	34	11328	333.18
Karimganj	6618	6388	0.91	240	347	1.45	54785	61555	1.12	197	19224	97.58
Dibrugarh	3670	3937	0.93	12566	13690	1.09	76735	96016	1.25	634	47478	74.89
Tinsukia	2350	2211	0.94	8670	13934	1.61	89906	111339	1.24	431	47768	110.83
Sivasagar	2029	1852	0.91	4007	4260	1.06	106977	110356	1.03	427	21048	49.29
Jorhat	7020	6600	0.94	9419	12017	1.28	103708	103454	1	396	18363	46.37

Golaghat	6013	8216	1.37	8297	11862	1.43	119126	105648	0.89	264	21447	81.24
Nagaon	16818	20423	1.21	18624	21250	1.14	175636	175906	1	268	8286	30.92
Marigaon	11868	13451	1.13	16455	19891	1.21	78831	58265	0.74	142	405	2.85
Sonitpur	19580	14463	0.74	14547	17951	1.23	213891	190984	0.89	239	19472	81.47
Darrang	4995	4377	0.88	2504	2482	0.99	69555	66333	0.95	38	2065	54.34
Lakhimpur	6006	5901	0.98	17532	29007	1.65	46642	49998	1.07	101	1103	1.092
Dhemaji	6193	5788	0.93	40572	46504	1.15	52459	49564	0.94	14	573	40.93
N.C.Hills	69	12	0.17	10965	10993	1	225	94	0.42			
K. Anglong	1964	2054	1.05	66662	75741	1.14	9171	9101	0.99	41	333	8.12
Kamrup(M)	1241	1243	1	14761	9653	0.65	26309	24300	0.92	85	162	1.91
Baska	2255	3949	1.75	30570	33115	1.08	55322	54697	0.99	427	965	2.26
Chirang	1631	1904	1.17	19670	22556	1.15	18645	22925	1.23	40	80	2
Udalguri	2443	2670	1.09	44018	39677	0.9	63478	62928	0.99	107	12714	118.82
<b>Total</b>	<b>168855</b>	<b>166605</b>		<b>437912</b>	<b>490052</b>	<b>1.12</b>	<b>2138814</b>	<b>2127792</b>	<b>0.99</b>	<b>4533</b>	<b>264091</b>	<b>58.26</b>

**Table-9**

**District wise Number and Area of operational holdings as per size classes for All Social Group**

District	Marginal holdings (0.50-1.00)		Small holdings (1.00-2.00)		Semi-Medium holdings (2.00- 4.00)		Medium holdings (4.00-10.00)		Large holdings (10.00 & above)		All sizes	
	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area	Number	Area
Kamrup	131782	55668	38668	46894	19413	50426	4424	21459	136	4089	194423	178536
Nalbari	39342	17472	12346	16481	7732	20744	2775	14964	37	488	62232	70150
Barpeta	86278	42154	32496	39308	18861	51506	4546	23246	391	6946	142572	163160
Bongaigaon	33427	16537	16838	20450	4904	12801	1173	6012	68	824	56410	56625
Kokrajhar	56462	22305	18499	21859	9803	27032	2583	13226	35	1734	87382	86157
Goalpara	59360	29710	17700	23596	9296	24277	2306	11715	27	1196	88689	90494

Dhubri	80673	32419	26565	32865	16947	45999	4610	22888	70	1333	128865	135503
Cachar	66459	31435	25564	29987	9100	23234	1946	10232	189	24397	103258	119285
Hailakandi	51867	25757	17508	20750	8003	21300	751	3712	60	11793	78189	83311
Karimganj	36799	13443	12109	14843	10409	27066	2325	11903	198	20259	61840	87514
Dibrugarh	51478	24440	24474	32197	13363	36914	3807	19964	483	47606	93605	161121
Tinsukia	58010	25377	21861	28264	16286	44069	4422	23654	778	53889	101357	175253
Sivasagar	72321	30338	22769	30349	15407	42233	2609	13281	334	21316	113440	137517
Jorhat	77828	39650	26344	32195	13347	34683	2637	13608	387	20299	120543	140434
Golaghat	94941	37603	20705	25279	13286	37518	4407	22424	361	24351	133700	147174
Nagaon	125871	46489	43165	47483	33939	83799	8192	39042	179	9052	211346	225864
Marigaon	73014	29272	21826	24315	10088	26265	2336	11584	32	577	107296	92012
Sonitpur	177615	73349	41046	46643	21196	58297	7991	41328	409	23252	248257	242869
Darrang	51192	20426	15005	17357	8619	23097	2193	11643	83	2734	77092	75257
Lakhimpur	42302	20508	14515	18558	9947	26876	3411	18214	106	1854	70281	86009
Dhemaji	60232	28045	27387	36275	9298	24825	2231	11618	90	1667	99238	102429
N.C.Hills	4676	3146	6128	6907	454	1043	1	4			11259	11100
K. Anglong	33140	20307	36833	42972	6865	17908	908	4872	92	1170	77838	87229
Kamrup(M)	30496	14190	8062	9243	3190	8247	625	3177	23	502	42396	35358
Baska	59581	22202	13138	16559	11866	32267	3927	20882	62	817	88574	92727
Chirang	23194	11004	9282	12555	5888	15034	1589	8471	33	402	39986	47466
Udalguri	74649	26899	20598	24199	10352	28549	4208	22281	239	16061	110046	117989
<b>Total</b>	<b>1752989</b>	<b>760145</b>	<b>591431</b>	<b>718383</b>	<b>317859</b>	<b>846006</b>	<b>82933</b>	<b>425403</b>	<b>4902</b>	<b>298606</b>	<b>2750114</b>	<b>3048543</b>

**Table-10**

**Comparison of District-wise operated area and Number of holdings and percentage variation of Agriculture Census 2005-06 over Agriculture Census 2000-01**

Name of District	Area Operated		Percentage variation over 2000-01	Number of holdings		Percentage variation over 2000-01
	2000-01	2005-06		2000-01	2005-06	
Kamrup(M)	252648	178536		252002	194423	
Nalbari	120961	70150		113678	62232	
Barpeta	189726	163160		175759	142572	
Bongaigaon	82019	56625		83779	56410	
Kokrajhar	88083	86157	-2.19	71923	87382	21.49
Goalpara	93851	90494	-3.58	93076	88689	-4.71
Dhubri	150763	135503		101790	128865	
Cachar	96156	119285	24.05	67318	103258	53.39
Hailakandi	118230	83311	-29.53	73803	78189	5.94
Karimganj	87803	87514	-0.36	58823	61840	5.13
Dibrugarh	154478	161121	4.30	86997	93605	7.60
Tinsukia	179102	175253	-2.15	104032	101357	-2.57
Sivasagar	134350	137517	2.36	111353	113440	1.87
Jorhat	143981	140434	-2.46	124325	120543	-3.04
Golaghat	149855	144174	-3.79	137342	133700	-2.65
Nagaon	226944	225864	-0.48	196532	211346	7.54
Marigaon	101682	92012	-9.51	162329	107296	-33.30
Sonitpur	261511	242869	-7.13	272568	248257	-8.92
Darrang	185541	75257		179173	77092	
Lakhimpur	75688	86009	13.64	63734	70281	10.27
Dhemaji	117538	102429	-12.85	103276	99238	-3.91
N.C.Hills	12673	11100	-12.41	11689	11259	-3.68
K. Anglong	90103	87229	-3.19	66836	77838	16.46
Kamrup(M)		35358			42396	
Baska		92727			88574	
Chirang		47466			39986	
Udalguri		117989			110046	
<b>Total</b>	<b>3113578</b>	<b>3048543</b>	<b>-2.09</b>	<b>2712137</b>	<b>2750114</b>	<b>1.40</b>

**Table-11****Statewise Number and Area of operational holdings for All Social Groups**

(Number in '000'), (Area in '000 hact.)

Sl. No.	States/Uts	2005-06		2000-01		% Variation	
		Number	Area	Number	Area	Number	Area
1	A&N Island	Neg.	2	Neg.	2	-4.76	-23.04
2	Andhra Pradesh	56	878	66	1080	-15.21	-18.71
3	Arunachal pradesh	4	63	6	92	-25.90	-31.01
4	Assam	5	299	5	264	-1.37	13.31
5	Bihar	4	74	9	140	-60.14	-47.13
6	Chandigarh	Neg.	Neg.	Neg.	Neg.	-63.64	-61.06
7	Chhattisgarh	34	569	39	643	-12.23	-11.50
8	Dadar & Nagar Haveli	Neg.	2	Neg.	2	-13.87	-15.74
9	Daman & Diu	Neg.	Neg.	Neg.	Neg.	-18.75	-27.23
10	Delhi	Neg.	3	Neg.	4	-28.47	-31.57
11	Goa	Neg.	28	1	12	-20.46	124.14
12	Gujarat	68	1133	65	1104	3.79	2.62
13	Haryana	49	803	50	821	-2.13	-2.19
14	Himachal Pradesh	4	60	4	63	-11.08	-4.99
15	Jammu & Kashmir	1	12	1	12	7.99	-3.49
16	Jharkhand	0	0	0	0	0.00	0.00
17	Karnataka	79	1184	89	1327	-11.20	-10.79
18	Kerala	2	117	3	112	-10.46	4.43
19	Lakshadweep	Neg.	Neg.	Neg.	Neg.	33.33	43.30
20	Madhya Pradesh	127	1939	166	2576	-23.71	-24.73
21	Maharashtra	70	941	87	1338	-19.20	-29.67
22	Manipur	Neg.	Neg.	Neg.	Neg.	0.00	-2.20
23	Meghalaya	Neg.	6	Neg.	5	-35.40	14.31
24	Mizoram	Neg.	3	Neg.	1	29.31	331.39
25	Nagaland	30	593	34	543	-11.09	9.31
26	orissa	11	181	13	220	-14.71	-17.76
27	Puducherry	Neg.	2	Neg.	2	4.76	-2.27
28	Punjab	71	1067	72	1096	-1.93	-2.63
29	Rajasthan	429	7662	460	8386	-6.91	-8.64
30	Sikkim	1	16	1	15	16.08	3.36
31	Tamil Nadu	20	391	23	455	-16.22	-14.08
32	Tripura	Neg.	10	Neg.	16	-22.22	-37.37
33	Uttar Pradesh	28	424	32	484	-13.25	-12.53
34	Uttarakhand	1	33	1	36	-8.23	-8.02
35	West Bengal	1	221	1	219	-16.94	1.06
<b>Total</b>		<b>1096</b>	<b>18715</b>	<b>1230</b>	<b>21072</b>	<b>-10.95</b>	<b>-11.18</b>

