STATE REPORT
ON
SIXTH ECONOMIC CENSUS
OF ODISHA
2013

DIRECTORATE OF ECONOMICS & STATISTICS

GOVERNMENT OF ODISHA

STATE REPORT

ON

SIXTH ECONOMIC CENSUS OF ODISHA

2013

DIRECTORATE OF ECONOMICS AND STATISTICS,
ODISHA, BHUBANESWAR - 751001

Government of Odisha

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PREFACE

The Sixth Economic Census (EC) was conducted in Odisha under the guidance of Central Statistical Office (CSO), Government of India. The Directorate of Economics & Statistics executed the gigantic operation throughout the state in collaboration with all block/urban level functionaries during 2013 to April 2014. The Sixth Economic Census used Enumeration Blocks (EBs) of Population Census 2011 of both rural and urban areas .This survey collected information from all establishments (excluding crop production, plantation, public administration, and defence and compulsory social security) whether it is big or small or in the private or public sector. For the first time, this survey collected information from Handicraft/handloom establishments, proprietary establishments owned by women and their source of finance etc. were identified separately and the information on number of persons working therein. This report is based on the information tabulated from the data contained in the "House and Establishment Listing Schedule 6A"

I express my sincere thanks to the officials of Central Statistical Office and MOS&PI for their whole hearted support and guidance. Further I express my thanks to all the state ,district and block level officers and staff for their valuable participation in executing the sixth EC in Odisha .I also extend my sincere thanks and appreciation to all the members of the State Level Steering Committee and District Level Monitoring Committee for their cooperation in making the survey successful. Last but not the least I express my appreciation and thanks to all the officers and thanks to Economic Census Division of Directorate of Economics and Statistics for their valuable efforts and contribution .Suggestion for the betterment of this report are most welcome.

Sri Dushasan Behera

DIRECTOR

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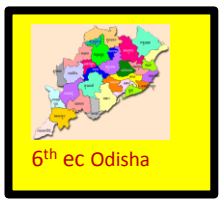
HIGHLIGHTS

- *Non-agricultural establishments accounted for 82.01% of the total establishments in Odisha.*
- *Out of total non-agricultural establishments in Odisha, 72.97% located in rural area & 27.03% located in urban area.*
- *83.62% of the total employment has been generated through non-agricultural establishments in Odisha.*
- *Average employment per Non-agricultural establishments in Odisha, was 2 to 3 persons.*
- *Total number of handicraft/handloom establishments in Odisha is 146138, out of which 88.70% are located in rural area.*
- *Percentage share of handicraft/handloom establishments without hired worker is 89.11% in rural Odisha and 76.02% in urban Odisha. Whereas, percentage share of handicraft/handloom establishments with hired worker in rural Odisha is 10.89 and for urban it is 23.98%.*
- *98.13 % of the total handicraft/handloom establishments were owned by Proprietors, 0.20% were owned by Government/PSU. 0.22% companies were under private partnership, 0.30% establishments were owned by Self Help Groups (SHGs). The share of Non Profit Institutions was 0.03%.*
- *Out of total Proprietors handicraft/handloom establishments 85.71 % were owned by males, 14.04 % establishments are owned by females and 0.25 % by others.*
- *87.74 % of the handicraft/handloom establishments were self-financed. About 1.91 % obtained Government assistance and 1.73% got the finance from bank or financial institute 2.96% of the establishments obtained finance from non-financial institutions/Money lenders. Donations and*

transfers had financed 5.01% establishments. Self Help Groups had also financed 0.66% establishments.

- *Among the districts, maximum growth rate of establishments during 2005-2013 was observed in Baudh (138.99%) followed by Jajapur (89.58%), Kendrapara (48.75%) ,Kandhamal (48.54%) and Malkangiri (34.83%) .*
- *Highest growth rate of employment was however observed in Jajpur (152.93%) followed by Baudh (104.18), Kendrapara (81.50%),Puri (55.84%) and Kandhamal (43.30%) .*
- *Agricultural establishments accounted for 17.99% of the total establishments in Odisha.*
- *Out of total agricultural establishments in Odisha, 95.02 percentage located in rural area & 4.98 percentage located in urban area.*
- *Out of total agricultural establishments in Odisha 81.57% establishments were self-finance*
- *All Odisha level percentage of employment in proprietary agricultural establishments under Hindu ownership was 87.29%.*
- *Around 12% of the total establishments was run by women entrepreneurs in Odisha providing employment to 10.32% of the total work force.*
- *The number of women establishments involved in agricultural activities constitute 34.53 % of the total number of establishments owned by women followed by manufacturing (31.73 %), trade (19.69 %), other services (4.28%) and accommodation & food services (2.25%).*
- *The spectrum of employment in women owned establishments of Odisha assigned Mayurbhanj 8.62 % as the top district.*
- *Almost 79% of the women establishments were self-financed.*



CHAPTER I
OVERVIEW OF ECONOMIC CENSUS

1.1 GENESIS

Economic development leads to social progress. The central Statistical office (CSO), Government of India is pursuing its continuous effort to establish a reliable and updated system of information for the unorganized sector of the economy. The holistic approach was made in this sector to launch a scheme under the banner of Economic Census. Economic Census (EC) is the complete count of all establishments (i.e. units engaged in production and/or distribution of goods and services not for the purpose of sole consumption) located within the geographical boundaries of the state. For implementation of the census, overall guidance was provided by the Economic Statistics Division of Central Statistics Office (CSO), Ministry of Statistics and Programme Implementation (MOS&PI), Government of India. Our economy can broadly be classified into two sectors, namely, Agricultural and Non Agricultural sectors. Fairly reasonable data base exits for Agricultural sector whereas such data base for Non-Agricultural sector is much desired. Keeping in view the importance of the non-agricultural sector in the economy and non-availability of basic frame for adoption in various sampling techniques for collection of data and estimation of various parameters, conducting Economic Census felt necessary. With this background, the CSO started Economic Census for preparing frame of establishments, particularly the 'area frame' which could be used for various surveys for collection of detailed data, mainly on non-agricultural sector of the economy.

1.2. ECONOMIC CENSUS CONDUCTED IN THE PAST

The economic enquiry committee set up in 1925 under the chairmanship of Dr.Visweswaraya and more importantly the Bowley Robertson Committee set up later in 1934, were mainly responsible for the Government's decision to set up an inter Departmental Committee with the economic adviser to the Government of India as the chairman. The inter Departmental Committee recommended the formation of a Central Statistical Office for coordination, institution of a statistical cadre, establishment of State Bureaus at state headquarters and maintenance of important statistics for the entire country. Bowley and Robertson committee also commissioned a study to explore the possibility of conducting economic censuses in India. The first coordinated approach was made by the erstwhile

Central Statistical Organisation (CSO), Government of India by launching a plan scheme 'Economic Census and Surveys' in 1976. The scheme envisaged organising countrywide census of all economic activities (excluding those engaged in crop production and plantation) followed by detailed sample surveys of unorganised segments of different sectors of non-agricultural economy in a phased manner during the intervening period of two successive economic census.

The basic purpose of conducting the economic census was to prepare a frame for follow up surveys intended to collect more detailed sector specific information between two economic censuses. In view of the rapid changes that occur in the unorganised sectors of non-agricultural economy due to high mobility or morbidity of smaller units and also on accounts of opening of new units, the scheme envisaged conducting the economic census periodically in order to update the frame from time to time.

1.3. OTHER RELATED SURVEYS TO ECONOMIC CENSUS

Broadly the entire planning period may be divided into two: prior to conduct of the first economic census i.e. prior to 1977 and thereafter i.e. after the economic census was carried out periodically. Efforts to fill up the data gaps for the non-agricultural sector were made right from the beginning of the first five year plan. The first National Sample Survey (NSS) round (1950-51) covered non-agricultural household establishments as one of its subject themes. Such establishments were covered regularly up to the tenth NSS round (1955- 56). Subsequently, selected activities were taken up for survey intermittently in different rounds (14^{th}, 23rd & 29^{th} rounds).Establishment schedules were canvassed in 1971 population census. The census of unorganised industrial units was carried out during 1971 – 73.Census of the units falling within the purview of Development Commissioner, Small scale industries, was carried out during 1973 – 74 and a survey on distributive trade was conducted by some of the states during the Fourth Five year plan period (1969 – 74). All such efforts made prior to 1977 to collect data on non-agricultural establishments have been partial and sporadic. Area sampling with probability proportional to population were mostly used even to capture establishments. For a survey of establishments such sample design is not only inefficient but also results in under coverage of desired number of establishments and low reliability of the estimates derived. The prolonged efforts of statisticians and planners in finding a way out for collection of information on amorphous areas of activity resulted in a decisive breakthrough with the advent of conduct of economic census.

1.4.1 FIRST ECONOMIC CENSUS

The first Economic Census was conducted throughout the country during 1977 at the instance of central statistical organisation in collaboration with the State Directorate of Economics and Statistics. The coverage was restricted to only non-agricultural establishments employing at least one hired worker on a fairly regular basis. Data on items such as description of activity, number of persons usually working, type of ownership, etc. were collected.

Based on the frame provided by the First Economic Census, detailed sample surveys were carried out during 1978-79 and 1979-80 covering the establishments engaged in manufacturing, trade, hotels & restaurants, transport, storage & warehousing and services. While the smaller establishments (employing less than six workers) and own account establishments were covered by National Sample Survey Organisation (NSSO) as a part of its 33rd and 34th rounds, the larger establishments were covered through separate surveys by CSO.

1.4.2. SECOND ECONOMIC CENSUS

The second Economic Census was conducted in 1980 along with the house listing operation of population census 1981.The coverage of this census was extended to all enterprises engaged in economic activities – both agricultural (except those engaged in crop production and plantation) and non-agricultural whether employing any hired worker or not were covered.

The information on location of establishment, description of economic activity carried out, nature of operation, type of ownership, social group of owner, use of power/fuel, total number of workers usually engaged with its hired component and break up of male and female workers were collected.

Based on the frame of second Economic Census, three follow up surveys on National Sample Survey (NSS) were carried out, one in 1983-84 on hotels & restaurants, transport, storage & warehousing and services, second in 1984-85 on unorganised manufacturing and third in 1985-86 on wholesale and retail trade.

1.4.3. THIRD ECONOMIC CENSUS

The third Economic Census was synchronized with the house listing operation of the population census 1991 on the same pattern as second Economic Census. The census covered all enterprises on agricultural (except crop production and plantation) and non-agricultural activities.

Based on the frame thrown up by third economic census four follow up surveys were carried out:

(i) Establishment Survey covering sectors of mining & quarrying, storage & warehousing in 1992-93.

(ii) Establishment Survey covering sectors of hotels & restaurants and transport in 1993-94.

(iii) Directory & non-directory establishments and own account establishments in unregistered manufacturing sector in 1994-95 (NSS 51st round).

(iv) Directory Trade establishment's survey in 1996-97. Residual part of the unorganised trade sector was covered the in 1997 under NSS 53rd round.

1.4.4. FOURTH ECONOMIC CENSUS

Due to increasing demand of various user departments for the data on unorganised sectors of the economy and considering the nature of large number of small units which are subjected to high rates of mobility and mortality, it was felt to conduct economic census quinquennially to have a up to date frame once in five years for conducting intervening surveys. Accordingly the fourth economic census was conducted independently during 1998.

Based on the frame thrown up by fourth economic census, the following follow-up surveys were carried out:

(i) Special establishment survey in unorganised sector 1998-99.

(ii) Survey on Unorganised Manufacturing sector -2000-01(NSS 56th round)

(iii) Survey on Unorganised establishments in service sector (excluding trade and finance) 2001-02 (NSS 57th round)

(iv) Survey on Unorganised Manufacturing sector:2005-06 (NSS 62nd round)

(v) Survey on Unorganised establishments in service sector excluding trade: 2006-07 (NSS 63rd round)

1.4.5. FIFTH ECONOMIC CENSUS

The Fifth Economic Census in the series was conducted independently during 2005. All enterprises on agricultural (except crop production and plantation) and non-agricultural activities were covered in this census.

Based on the frame thrown up by fifth economic census, the following follow-up surveys were carried out:

(i) Survey on Unincorporated Non-Agricultural Enterprises excluding Construction in NSS 67th round during 2010-11.

(ii) NSS 73rd round during 2015-16 with the coverage similar to that of NSS 67th round.

1.5 SIXTH ECONOMIC CENSUS

Economic Census is the complete count of all establishments (i.e. units engaged in production and/or distribution of goods and services not for the purpose of sole consumption)

located within the geographical boundaries of the state. The sixth Economic Census was conducted during June'2013 to December'2013.For implementation of the census, overall guidance was provided by Economic Census unit of the Economic Statistics Division of Central Statistics Office(CSO), Ministry of Statistics and Programme Implementation (MOSPI),Government of India.

1.5.1 Brief Objectives of Sixth EC

The Sixth Economic Census proposes to provide up to date information on number of establishments and persons employed therein, activity wise, of all the sectors (excluding crop production, plantation, public administration, defence and compulsory social security) of the State including their distribution at district/ and at village/ ward levels for comprehensive analysis of the structure of the economy (micro, macro and regional levels).

Collection of information for a large number of establishments operating in the unorganized segment of the economy by door to door visit is a real challenge in the Economic Census. Main objectives for conduct of the Sixth Economic Census are as under:

i) To provide activity wise detailed information on operational and economic variable of all the establishments (excluding crop production, public administration, defence and compulsory social security) of the state.

ii) To provide distribution of establishments at district and sub-district levels for comprehensive analysis of the structure of the economy and for benchmark purposes.

iii) To provide distribution of establishments at lower geographical levels like tehsils / villages in case of rural areas and towns / wards in case of urban areas for decentralized planning required under 73rd and 74th Constitutional Amendments.

iv) To generate information on activity wise and area wise establishments in operation, establishments employing eight or more workers and number of exporting establishments.

v) To provide information on activity wise and area wise number of workers working in establishments.

vi) To provide information on number of establishments and workers employed in unorganized sector.

vii) To provide updated Directory of Establishments employing 8 (eight) or more workers for local level planning purposes and also for using as a list frame for

conduct of survey of such establishments in the non-manufacturing / services sector; and

viii) To provide up to date area frame containing information on number of establishments and number of workers by industry, by type of ownership of the establishments, etc. at the village/ ward level, from which primary sampling units can be drawn for follow-up sample surveys of establishments.

1.5.2 Scope and Coverage

The Sixth Economic Census was conducted in all the villages and towns across the State. All economic activities (agricultural and non-agricultural), except those involved in crop production and plantation, public administration, defence and compulsory social security, related to production and / or distribution of goods and / or services other than for the sole purpose of own consumption were covered. The following activities were kept out of the purview of the Sixth EC:

(i) Establishments of shelter-less and nomadic population, which keep on moving from place to place and camp either without shelter or with make shift shelter.

(ii) Establishments engaged in some illegal activities like smuggling, gambling, beggary, prostitution, etc.

(iii) Domestic servants, whether they work in one household or in a number of households, drivers, etc. who under take jobs for others on wages.

(iv) All wage-paid employees of casual nature.

(v) Household members engaged in household chores.

(vi) Persons doing different type of jobs depending on the availability of work e.g. loading, unloading, helping a mason or a carpenter, doing earthwork for a contractor.

(vii) Household members working for other households and earning some money which is insignificant.

(viii) Households in which none of the members is engaged in any gainful activity i.e. households depending on remittance, rent, interest, pension etc.

1.5.3 Committees and Working Groups at Central Level.

A Standing Committee was constituted under the Chairmanship of Chief Statistician of India-cum- Secretary, MOS&PI, to look into various aspects and provide overall direction and guidance for conduct of Sixth Economic Census across the Country. The Members of the Committee for the Sixth Economic Census inter-alia include Registrar General and Census

Commissioner of India , Advisor (Financial Resources) and Advisor (Perspective Planning) both from the Planning Commission (now NITI Aayog), Chief Economic Advisor, Ministry of Finance, Officers at the level of Additional Secretary / Joint Secretary of the Central Ministries / Departments concerned like Ministry of Micro, Small and Medium Enterprises, Commerce and Industry, Women and Child Development, Panchayati Raj, Rural Development and Labour & Employment, DG (CSO), DG & CEO (NSSO), Additional DGs heading National Accounts Division, Social Statistics Division, Training Division, Field Operations Division, Survey Design and Research Division, Data Processing Division, DDG (Computer Division) and DDG (CSO IS Wing) and Director General / Directors from Directorate of Economics & Statistics of six States namely, Jammu & Kashmir, Assam, Maharashtra, Tamilnadu, Uttar Pradesh and West Bengal. Other experts from esteemed educational institutions in the field of Statistics and Economics and Ex-DGs of CSO were also included in the Standing Committee.

The Committee was assisted by a Working Group headed by Prof. S.P. Mukherjee, Retired Professor and Heads of Department of Statistics, Calcutta University for development of concepts & definitions, strategy for conduct of field work, tabulation of data and dissemination of results. All the technical and secretarial assistance to the Committee and Working Group was provided by the Economic Census Unit of Economic Statistics Division, CSO.

1.5.4 . Co-ordination Committee at State/District Level

State Level Co-ordination Committee (SLCC) under the Chairmanship of Development Commissioner-cum-Additional Chief Secretary to Government and District Level Coordination Committees (DLCC) under the chairmanship of District Collectors were constituted to review the progress of work and take appropriate measures for smooth conduct of Sixth Economic Census within the prescribed time frame for different activities.

1.5.5 New Initiatives

During the Sixth Economic Census, several seminal steps and modifications were undertaken to increase the coverage of information besides making the process simpler and data more reliable. These include:

(i) Coverage

The practice followed since the second Economic Census to cover all agricultural activities excluding crop production and plantation was continued in the Sixth Economic Census as the information on crop production plantation is being covered under quinquennial Agricultural Census since 1970-71.

In case of non-agricultural activities, establishments engaged in public administration, defence and compulsory social security activities were excluded during Sixth EC, as such information is already available with the Government and also due to the difficulties faced in collecting information from such establishments during the fifth EC.

(ii) **Changes made in the schedules**

In sixth EC two type of schedules canvassed in the field,viz,i) House and Establishment Listing Schedule (6A) and ii) Directory of Establishment Schedules (6C) in place of three schedules canvassed during Fifth EC. The **'House List'** and **'Enterprise Schedule'** of the Fifth EC were merged to form the House and Establishment Listing Schedule of Sixth Economic Census**.** The **'Address Slip'** Schedule of Fifth EC was modified and renamed as **Directory of Establishment Schedule** in Sixth EC.

The third schedule 'Establishment Abstract' (Schedule 6B) was a derived schedule of summary information based on the information contained in House and Establishment Listing Schedule. It was also prepared by all the enumerators. This summery information was used to generate provisional results which was released during January'2016.

(iii) Inclusion of New Items/Changes made in main schedule i.e. House and Establishment Listing Schedule.

a. Numbers of members in the house hold (HH);
b. Numbers of only wage earners/salaried employees in the HH;
c. Number of establishments outside HH with fixed structure owned by HH members;
d. Number of establishments outside HH without fixed structure owned by HH members;
e. Number of establishments inside HH owned by HH members;

(Items under 'a' to 'e' above were included at the household level to guard against possible under-listing of establishments located within the household or those without fixed structure)

f. Broad Activity Code (all activities divided into two-digit 24 broad activity codes);

g. Three digit National Industrial Classification (NIC)-2008 Codes recorded in place of four digit NIC -2004 codes earlier, to minimize wrong reporting on NIC codes;
h. Collection of data for handicraft/handloom establishments for the first time;
i. Information on ownership of proprietary establishments collected for under sex code "others" i.e. transgender for the first time;
j. Religion of the owner of proprietary establishments;
k. Nature of operation: "on perennial" was divided into casual and seasonal;
l. Use of Bar codes along with form number for the first time to facilitate proper accounting of canvassed schedules.

(**IV) Items excluded from the main schedule i.e. House and Establishment Listing Schedule:**

a. Information on subsidiary activity (only information on major activity collected);
b. Power used in entrepreneurial activity (confined to Directory of Establishment Schedule);
c. Registration code (confined to Directory of Establishment schedule);
d. Number of children (male/female) usually working.

(V) New items Added in Directory of Establishments

a) Does a computer and/or internet facility exist in the establishment?
b) Whether using power in production of goods and services?
c) Whether an exporting unit?
d) Address of main office along with that of branch office with PAN and TAN numbers; and
e) Registration information under nine (09) codes.

1.5.6 Other Important Changes Made / Decisions

i) Enumeration Blocks (EBs) of population Census 2011 were used as primary geographical units for both urban and rural areas for the purpose of listing of establishments. In most of the earlier ECs, UFS (Urban Frame Survey) blocks of NSSO were taken as the primary geographical units for urban areas. Use of EBs would facilitate the linking of Census 2011 database with that of sixth EC at the lower geographical levels like EBs and wards. It is likely to enhance the utility of sixth EC data.

ii) Reference period for counting number of persons employed: In Fifth EC, last year/ season was taken as reference period. For Sixth EC, number of persons employed on the last working day has been considered, to minimize the error due to recall lapse.

iii) Minimum qualification for enumerators and supervisors were prescribed for the first time for better understanding of the terms used in schedules and ensuring proper collection of data. The minimum qualification were as under:

Qualification of Enumerators: Higher Secondary

Qualification of Supervisors: Graduation

iv) The schedules were designed and a visual identity for the sixth EC was created by the National Institute of Design (NID), Ahmedabad. In the form of a Logo consisting of four elements viz. factory, gears, writing hand and common people in green and blue colours. The factory symbolized large scale industry, the gears symbolized the work and functionality with reference to the economy and the common people represented recording of census data. The green colour represented ecology and the blue colour was a representative of industrial functioning.

v) Schedules were printed centrally by CSO and requisite number of schedules supplied to all DPMUs to facilitate proper data processing.

vi) A Census kit containing plastic folders for each of the three schedules and nine items, i.e. .board, pencil, ball pens, sharpener, eraser, markers, chalk box, clips and calculator was provided by the CSO to each enumerator and supervisor for safe keeping and facilitating proper collection of information.

vii) The NIC coding in Column 13 of the House and Establishment Listing schedule-6A has been done by the supervisory staff of DPMUs to improve the quality of coding.

viii) Information contained in Directory of Establishment Schedule is entered by trained officials of DPMUs for ensuing correct and complete address. Software was developed and training for its use were provided to the supervisory staff of DPMUs at RIPAE&S, Bhubaneswar by the officer from computer centre, MOSPI.

ix) Abridged House List (AHL) and Layout Maps of Census 2011 EBs were provided to the enumerators to identify the proper EBs.

x) Wide publicity was made through audio and video media to generate awareness among masses about the importance of Sixth EC and soliciting their co-operation in data collection.

1.5.7 Training

At the State level training representatives of CSO and the core group trainers of state imparted training to the State and District level master trainers, who in turn provided

training to the field functionaries like Charge Officers, Enumerators and Supervisors at district and charge levels. Subsequently the district and charge level training programme on Sixth Economic Census were organised during 17th May 2013 to 30th September 2013.

1.5.8 Publicity.

In order to convey and spread information regarding the economic census and especially to ensure that all establishments including corporate units and self-employed persons in the primary (excluding crop production and plantation), secondary and tertiary sectors are fully aware of its importance, participate actively in it and cooperate well with the enumerators and the economic census agencies advertisements were made by the CSO and state DES using the media like newspapers, radio and TV channels. Publicity measures were also undertaken by the state DES to provide wide publicity of the census operation and spread knowledge about its utility and ensuring cooperation. Some of the DPMUs were also using the media like newspapers for advertisements of the Economic Census work of their districts.

1.6 Field Operation

The field work of Sixth EC started in the state from June'2013 and completed by December'2013. The Population Census 2011 frame of 95783 EBs was used for the geographical coverage during sixth EC. Some industrial pockets not covered during population census 2011 were covered as additional EBs under sixth EC. In the field 15,587 enumerators and 7,702 supervisors were deployed to collect information from the entire state.420 numbers of Charge level training programmes, each with 50 participants were organized to provide comprehensive training to all the enumerators and supervisors. Detail guide lines, concepts and definitions of important terms used in this Sixth EC were given to all the enumerators and supervisors.

All houses/households/establishments existing in the state were visited by the enumerators and necessary information collected in the schedules. Establishments with fixed structures were listed at the place of their operation. On the other hand, economic activities that are carried out inside the households and that are carried out without any fixed structures were covered and listed at the place of the residence of the owner.

All types of establishments (perennial, seasonal and casual), existing on the date of census, although may not be in operation on the day due to certain reasons, were covered in this census. The data were collected from all the entrepreneurs and usual households. The work of the enumerators was supervised by the supervisors and higher level officers involved in the census process. Establishment wise information on number of workers employed on last working day was collected during visit by the enumerator. For information on major source

of finance, the outstanding loan against the agency, type of owners were collected on day of visit by the enumerators.

1.6.1 Data Validation

The quality of Census results depends upon seriousness, dedication and honesty of enumerators and supervisors. To ensure the quality of work carried out by the enumerators, sample inspections by the state DES Officials and district level officials were put in place at the time of fields work as a part of concurrent data validation. Regarding the complete coverage of all establishments, attempts were made to cross validate the data of sixth EC with those available from the following sources:-

A) Estimated number of establishments/workers as per 67th round of NSS, 2011-12 (Survey on Unincorporated Non-agricultural Enterprises excluding construction)

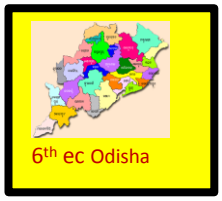
B) Number of industrial and commercial connections given by the Electricity Department.

C) Number of units registered with District Industries Centre.

After receipt from the field the filled-in schedules were scrutinised at district levels. During scrutiny, economic activity wise 3-digit NIC codes as per National Industrial Classification (NIC) 2008 were entered in the schedules.

1.6.2 Preparation of State level report

The state level report based on the tables supplied by Economic Census Division, Govt. of India. All the summery tables, graphs etc. have been generated at DE&S level.

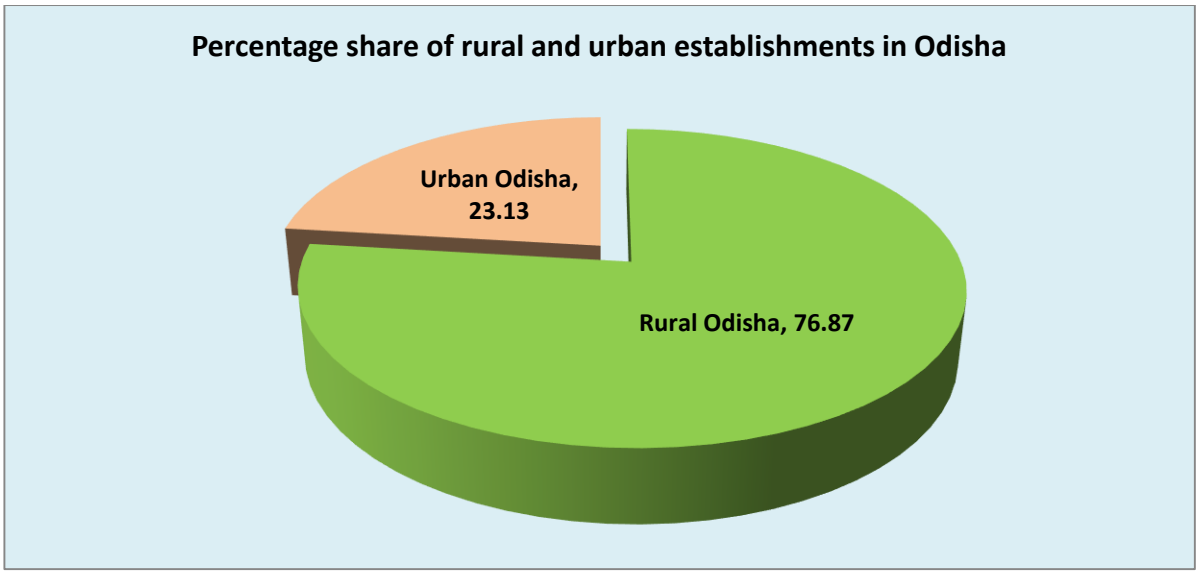


CHAPTER II
RESULT AT A GLANCE

2.1 ESTABLISHMENTS

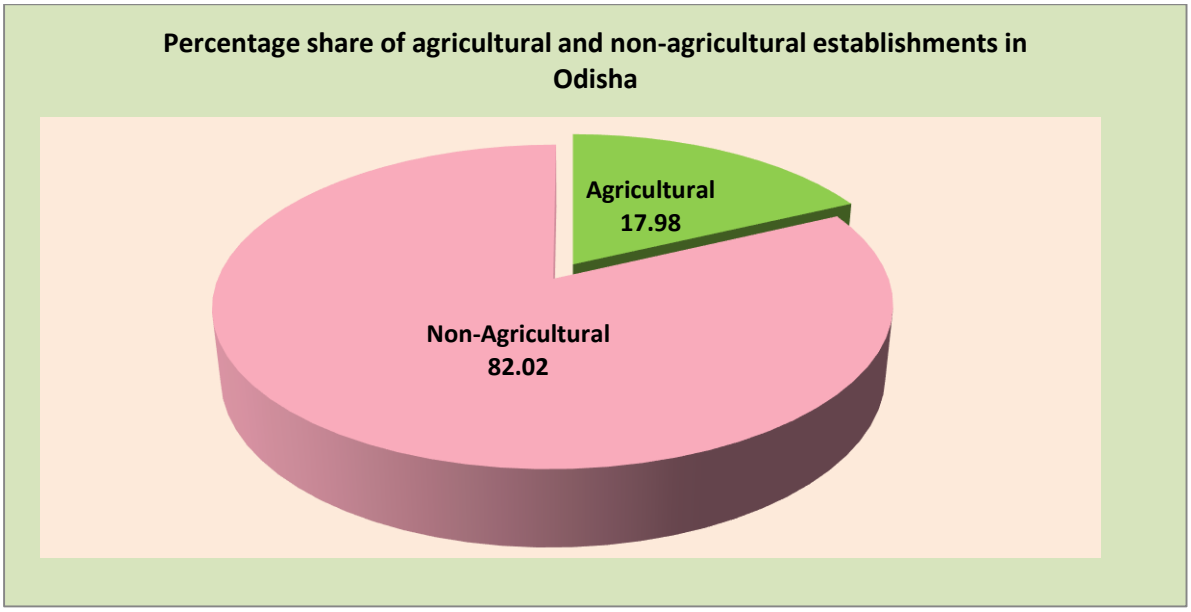
As per the results of the Sixth Economic Census, there are 20, 88,905 number of establishments in the State Odisha (Table 2.1) engaged in different economic activities other than crop production, plantation, public administration, defence and compulsory social security services. Out of the total establishments, 16, 05,743 number of establishments (76.87%) are in rural areas and 4, 83,162 number of establishments (23.13%) in the urban areas. The establishments of nine districts such as Ganjam (8.21%), Cuttack (6.64%), Mayurbhanj (6.26%), Jajapur (5.99%), Khordha (5.49%), Baleshwar (4.98%), Kendujhar (4.38%), Puri (4.21%) and Sambalpur (4.17%) together account for about 50% of the total establishments in the State. Out of the total establishments existing in the State 15, 70,963 (75.21%) are Own account establishments (OAE) i.e. establishments having no hired worker. The shares of OAE in rural areas and in urban areas are 12, 57,331 (80.04%) and 3, 13,632 (19.96) respectively. Similarly, out of the total establishments existing in the State 5, 17,942 (24.79%) are establishments with at least one hired worker. Out of the establishments with at least one hired worker 3, 48,412 (67.27%) are existing in rural areas and 1, 69,530 (32.73%) are existing in urban areas.

Figure-2.1



The share of establishments engaged in non-agricultural activities is 17, 13,219 (82.02%) and the share of establishments engaged in agricultural activities other than crop production and plantation is 3,75,686 (17.98%). About 12, 21,250 (77.74%) establishments of total 15,70,963 number of own account establishments were found engaged in non-agricultural activities whereas around 3,49,713 (22.26%) were engaged in agricultural activities. Similarly About 4,91,969 (94.99%) establishments of total 5,17,942 number of establishments with at least one hired worker were found engaged in non-agricultural activities whereas around 25,973 (5.01%) were engaged in agricultural activities.

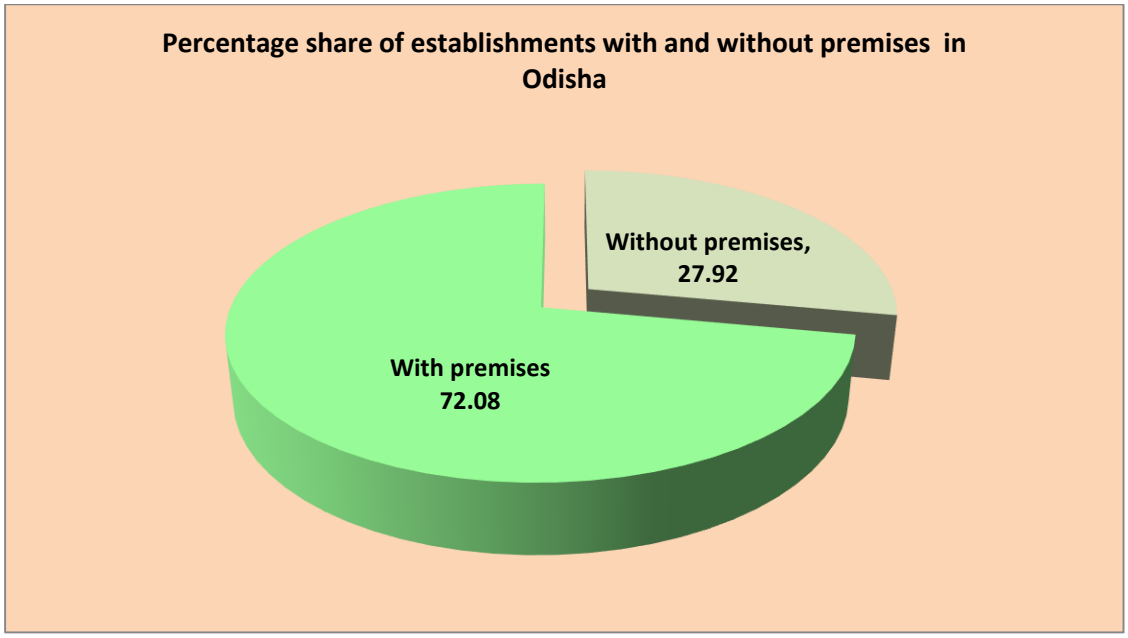
Figure 2.2



In rural areas, out of the total 16,05,743 establishments, 12,50,081 no. of establishments constituting around (77.85%) were found engaged in non-agricultural establishments and the rest 3,55,662 no. of establishments constituting around 22.15% were found engaged in agricultural establishments. About 12,57,331 establishments (78.30%) in the rural areas were own account establishments and the remaining 3,48,412 no. of establishments (21.70%) were establishments with at least one hired worker. In rural areas most of the agricultural establishments i.e. 3,32,289 no. constituting around 93.43% were own account establishments. The number of non-agricultural own account establishments in rural areas is 9,25,042 which constitute about 74.00% of the total non-agricultural establishments. In urban areas, out of total 4,83,162 no. of establishments, 4,63,138 no. of establishments constituting 95.96% were found engaged in non-agricultural activities and only 20,024 no. of establishments (4.14%) pursued agricultural activities. About 3, 13,632 establishments (64.91%) in urban areas were own account establishments and the remaining

1, 69,530 no. of establishments (35.09%) were establishments with at least one hired worker. In the urban areas also most of the agricultural establishments i.e. 17424 no constituting around 87.02% were in the category of own account establishments. The number of non-agricultural own account establishments in urban areas is 2, 96,208 which constitute about 63.96%of the total non-agricultural establishments.

Figure2.3



The number of establishments working outside household with fixed structure, outside household without fixed structure (without premises) and inside household were of the order of 8,78,221(42.04%), 5,83,161 (27.92%) and 6,27,523 (30.04%) respectively. Out of 8,78,221 number of establishments working outside household with fixed structure 6,00,194 (37.38%) were in rural areas and remaining 2,78,027 (57.54%) were in urban areas. Out of 5, 83,161 number of establishments operating outside household without fixed structure, 4, 71,590 (29.37%) were in rural areas and remaining 1,11,571 (23.10) were in urban areas. Out of 6,27,523 number of establishments working inside household, 5,33,959 (33.25%) were in rural areas and remaining 93,564 (19.36%) were in urban areas.

The location-wise details of the number and type of establishments with few selected characteristics of Odisha are presented in **Table 2.1.** About 17, 80,007 number of establishments, constituting 85.21% of the total establishments, are operating under private proprietary ownership. About 84.49% of the total establishments constituting 17, 64,841 numbers had perennial activities.

Table 2.1: Distribution of establishments by location & type of establishments - Odisha						
(Figures in absolute number)						
Sl. No.	Type of Establishment	Rural		Urban		Combined
		Number	%	Number	%	
1	2	3	4	5	6	7
Establishments						
1	Agricultural	355662	94.67	20024	5.33	375686
		(22.15)		(4.14)		(17.98)
	Non-Agricultural	1250081	72.97	463138	27.03	1713219
		(77.85)		(95.86)		(82.02)
	Total	1605743	76.87	483162	23.13	**2088905**
		(100.00)		(100.00)		(100.00)
Own Account Establishments						
2	Agricultural	332289	95.02	17424	4.98	349713
		(26.43)		(5.56)		(22.26)
	Non-Agricultural	925042	75.75	296208	24.25	1221250
		(73.57)		(94.44)		(77.74)
	Total	1257331	80.04	313632	19.96	1570963
		(100.00)		(100.00)		(100.00)
	Establishments with at least one hired worker					
3	Agricultural	23373	89.99	2600	10.01	25973
		(6.71)		(1.53)		(5.01)
	Non-agricultural	325039	66.07	166930	33.93	491969
		(93.29)		(98.47)		(94.99)
	Total	348412	67.27	169530	32.73	517942
		(100.00)		(100.00)		(100.00)
Establishments with special characteristics						
4	Without Premises	471590	80.87	111571	19.13	583161
		(29.37)*		(23.09)*		(27.92)*
	Perennial	1298415	73.57	466426	26.43	1764841
		(80.86)*		(96.54)*		(84.49)*
	Under Private Proprietary Ownership	1354627	76.10	425380	23.90	1780007
		(84.36)*		(88.04)*		(85.21)*

* Percentage out of total no. of establishments.

2.2 EMPLOYMENT

As per the results of the Sixth Economic Census, there are 43, 18,047 number of persons working in the establishments of Odisha (**Table 2.2**) engaged in different economic

activities other than crop production, plantation, public administration, defence and compulsory social security services. Out of the total employments, 31, 94,445 number of persons (73.98%) are working in rural areas and 11,23,602 number of persons (26.02 %) are working in the urban areas. The number of persons working in eight districts, namely Ganjam with 3,40,979 (7.90%), Jajapur with 31,34,797 (7.26%), Mayurbhanj with 2,83,665 (6.57 %), Khordha with 2,68,338 (6.21 %), Cuttack with 2,67,005 (6.18 %), Puri with 2,12,614 (4.92 %), Kendujhar with 1,98,857 (4.61 %) and Baleshwar with 1,96,365 (4.55 %) have the combined share of about 50% in total employment.

Figure 2.4

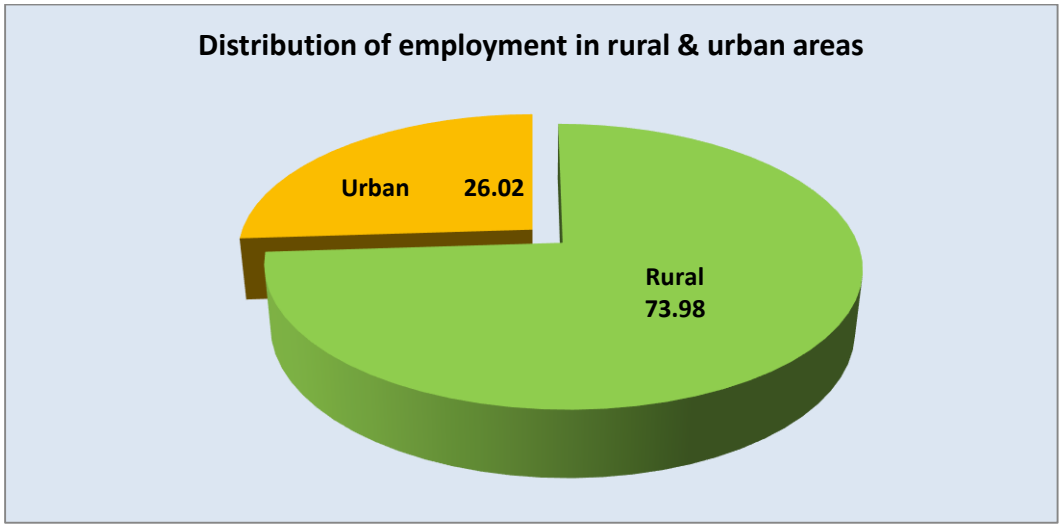
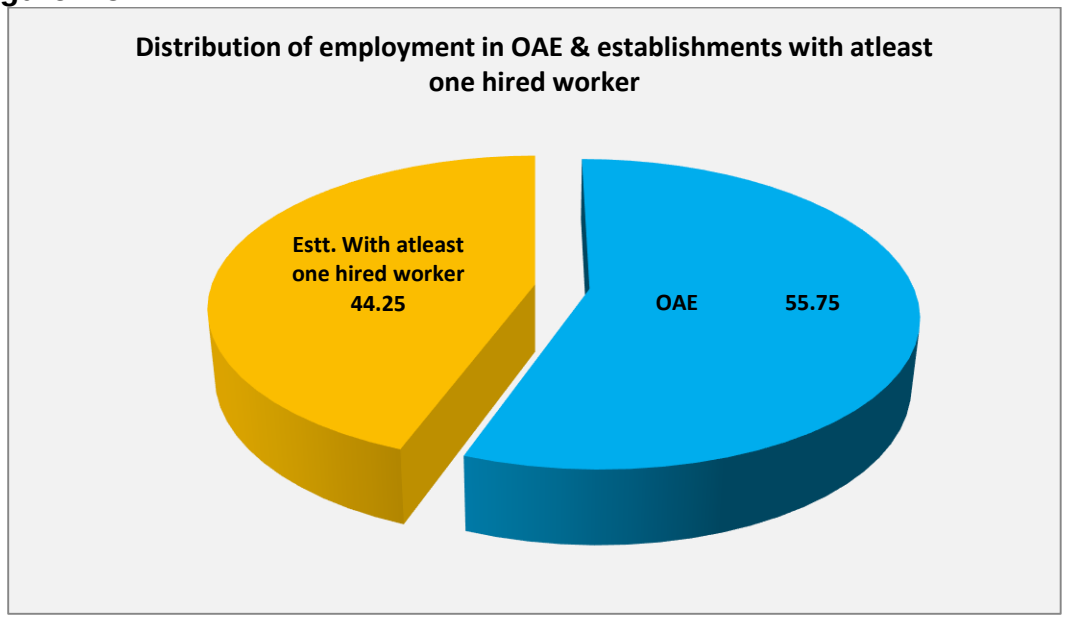


Figure 2.5



Out of the total workers in the State about 36,10,720 number of workers constituting about 83.62% of total employment worked in non-agricultural establishments and 7,07,327 number of workers about 16.38% worked in agricultural establishments. The results revealed

that in the State there are around 19,10,641 number of persons (44.25%) working in establishments with at least one hired worker and rest 2407406 number about 55.75% are working in own account establishments.

Table 2.2: Distribution of number of persons employed by location & type of establishments - Odisha.

(Figures in absolute number)

Sl. No.	Type of Establishment	Rural		Urban		Combined
		Number	%	Number	%	
1	2	3	4	5	6	7
	Establishments					
1	Agricultural	671591	94.95	35736	5.05	707327
		(21.02)		(3.18)		(16.38)
	Non-Agricultural	2522854	69.87	1087866	30.13	3610720
		(78.98)		(96.82)		(83.62)
	Total	3194445	73.98	1123602	26.02	**4318047**
		(100.00)		(100.00)		(100.00)
	Own Account Establishments					
2	Agricultural	593937	95.76	26327	4.24	620264
		(29.51)		(6.67)		(25.76)
	Non-Agricultural	1418774	79.39	368368	20.61	1787142
		(70.49)		(93.33)		(74.24)
	Total	2012711	83.60	394695	16.40	2407406
		(100.00)		(100.00)		(100.00)
	Establishments with at least one hired worker					
3	Agricultural	77654	89.19	9409	10.81	87063
		(6.57)		(1.29)		(4.56)
	Non-Agricultural	1104080	60.54	719498	39.46	1823578
		(93.43)		(98.71)		(95.44)
	Total	1181734	61.85	728907	38.15	1910641
		(100.00)		(100.00)		(100.00)
	Establishments with special characteristics					
4	Perennial	2610010	70.50	1092251	29.50	3702261
		(81.70)*		(97.21)*		(85.74)*
	Under Private Proprietary Ownership	2323000	72.92	862562	27.08	3185562
		(72.72)*		(76.77)*		(73.77)*

Note: Figures in brackets show the percentage of workers to all workers in the respective category.

* Percentage out of total no. of establishments.

About 31,85,562 persons, constituting 73.77 % of total employment, worked under private proprietary ownership establishments. Around 37,02,261 persons i.e. 85.74 % of the total employment, worked under perennial activities

In rural areas, out of the total 31,94,445 number of persons, about 6,71,591 persons constituting 21.02 % of the total rural employment worked in agricultural establishments and the rest 25,22,854 number of workers about 78.98 % were found engaged in non-agricultural establishments. About 20,12,711 persons i.e. 63.01% of the total rural employment was found in own account establishments. In urban areas out of the total 11,23,602 number of persons, about 10,87,866 number of persons constituting about 96.82 % of the total urban employment worked in non-agricultural establishments and only 3.18% are working in agricultural establishments. About 3,94,695 persons i.e. 35.13% of the total urban employment was found in own account establishments.

There are 19,10,641 numbers of hired workers engaged in the establishments, which constitute about 44.25% of the total employment of the State. Out of the total hired workers in the State about 11,81,734 number of hired workers constituting about 61.85% worked in rural areas and 7,28,907 number of hired workers about 38.15% worked in urban areas. Further, out of the total hired workers in the State about 18, 23,578 number of hired workers about 95.44% worked in non-agricultural establishments and 87,063 number of hired workers about 4.56% worked in agricultural establishments.

In the sex-wise distribution of workers out of the total employment of 43,18,047 persons the share of females are 1281401 which accounts 29.68 % of total employment. The percentage share of female employment in rural areas was 33.90 % and that of in urban areas was 17.67 %. Further in the total employment about 981141 number of females i.e. 27.17% worked in non-agricultural establishments and about 300260 numbers of female 42.45% worked in agricultural establishments. Out of total hired workers in the State the share of female hired workers is 3, 53,800 which accounts about 18.52 %.

Table 2.3:Sex wise distribution of workers & hired workers location & type of establishments - Odisha.						
(Figures in absolute number)						
Sl. No.	Sex	Rural		Urban		Combined
		Number	%	Number	%	Number
1	2	3	4	5	6	7
Workers in Agricultural establishments						
1	Male	380687	93.52	26380	6.48	407067
		56.68		73.82		57.55
	Female	290904	96.88	9356	3.12	300260
		43.32		26.18		42.45
	Total	671591	94.95	35736	5.05	707327
		100		100		100
Workers in Non - Agricultural establishments						
2	Male	1730940	65.83	898639	34.17	2629579
		68.61		82.61		72.83
	Female	791914	80.71	189227	19.29	981141
		31.39		17.39		27.17
	Total	2522854	69.87	1087866	30.13	3610720
		100		100		100
Total workers (Agriculture + Non agriculture)						
3	Male	2111627	69.54	925019	30.46	3036646
		66.10		82.33		70.32
	Female	1082818	84.50	198583	15.50	1281401
		33.90		17.67		29.68
	Total	3194445	73.98	1123602	26.02	4318047
		100		100		100
Hired Workers in Agricultural establishments						
4	Male	66479	88.73	8446	11.27	74925
		85.61		89.77		86.06
	Female	11175	92.07	963	7.93	12138
		14.39		10.23		13.94
	Total	77654	89.19	9409	10.81	87063
		100		100		100
Hired Workers in Non - Agricultural establishments						
5	Male	865963	58.44	615953	41.56	1481916
		78.43		85.61		81.26
	Female	238117	69.69	103545	30.31	341662
		21.57		14.39		18.74
	Total	1104080	60.54	719498	39.46	1823578
		100		100		100
Total hired workers (Agriculture + Non agriculture)						
6	Male	932442	59.89	624399	40.11	1556841
		78.90		85.66		81.48
	Female	249292	70.46	104508	29.54	353800
		21.10		14.34		18.52
	Total	1181734	61.85	728907	38.15	1910641
		100		100		100

2.3 ESTABLISHMENTS BY MAJOR ACTIVITY GROUPS

Activities pursued by various establishments, were grouped in to 23 major activity groups: 4 for agricultural activities and 19 for non-agricultural activities. Among the agricultural establishments, Forestry & logging with 1,85,677 number of establishments has the highest share 42.42 % followed by livestock with 1,30,111number of establishments and percentage share of 34.63%.

Distribution of total number of establishments and number of persons employed by broad activity groups, with break-up for each type of establishment (ie. Without hired worker and with at least one hired worker) is given in **Table 2.3.** "Retail trade", "manufacturing" and "other service activities not elsewhere classified" (including membership organisation, repair of computers and personnel household goods) were the three important activity groups in the non-agricultural sector. These three activity groups together contributed about 72.55 % of total establishments. The activity group "retail trade" alone with 6,59,431 number of establishments dominated all other groups and contributed 38.49 % share to the non-agricultural sector . The other two major activity groups "manufacturing" and "other service activities" have 3,88,706 & 1,94,748 number of establishments with percentage shares 22.69% and 11.37 % respectively. The share of remaining activity groups under non-agricultural sector are not significant. The dominance of the three major activities namely, "retail trade", "manufacturing" and "other service activities not elsewhere classified" also observed both in rural and urban areas. In non-agricultural activities their contributions in rural and urban areas were 74.96 % and 25.04 % respectively. Among all major activity groups "retail trade" have the highest percentage share of establishments both in rural areas 36.51% and urban areas 43.85 %.

In own account establishments, the activity group "retail trade" had the highest share 31.77% to the total establishments in the sector followed by "manufacturing" with 18.56% and "other service activities not elsewhere classified" with 7.06%. In rural areas the share of "retail trade" in own account establishments was 19.73% and that of in urban areas was 7.17%.

In establishments with at least one hired worker, the activity group "education" had the highest share 21.97% to the total establishments in the sector followed by "manufacturing" 17.33% and "retail trade" 17.12%.

2.4 EMPLOYMENT IN ESTABLISHMENTS BY MAJOR ACTIVITY GROUPS

In the agricultural sector, the maximum employment was found under the activity group Forestry & logging (FL) with 3, 61,832 number of workers constituting 51.15% to the total employment, followed by Livestock with 2,45,830 number of workers constituting 34.75% to the total employment.

In the non-agricultural sector, the maximum number of workers found engaged in “retail trade” (RT) with 9,74,797 (27%) followed by “manufacturing” (including repair and installation of machinery) with 859069 (23.79%) and “education” (EDU) with 4,34,586 (12.04 %). These three activity groups taken together accounted for about 62.83 % of the total employment in non-agricultural sector. In rural area the percentage share of employment in these three activity groups viz “retail trade”, “manufacturing” and “education” were 19.87%, 21.65% and 10.79% respectively. In urban areas the maximum percentage share of employment i.e. 30.26 % was found in activity group, “retail trade” followed by “manufacturing” 14.89% and “education” 7.99% is given **Table 2.4**

Table-2.4 : Broad Activity wise total number of persons employed by sector

Broad Activity Code	Rural		Urban		Combined	
	Total Persons Employed	% Distribution	Total Persons Employed	% Distribution	Total Persons Employed	% Distribution
01 - Activities relating to agriculture other than crop production & plantation	19677	0.62	1220	0.11	20897	0.48
02 - Livestock	231017	7.23	14813	1.32	245830	5.69
03 - Forestry and Logging	354870	11.11	6962	0.62	361832	8.38
04 - Fishing and aqua culture	66027	2.07	12741	1.13	78768	1.82
05 - Mining and quarrying	15063	0.47	6388	0.57	21451	0.50
06 - Manufacturing	691709	21.65	167360	14.89	859069	19.89
07 - Electricity, gas, steam and air conditioning supply	5718	0.18	7283	0.65	13001	0.30
08 - Water supply, sewerage, waste management and remediation activities	7268	0.23	4074	0.36	11342	0.26
09 - Construction	49734	1.56	27720	2.47	77454	1.79
10- Wholesale trade, retail trade & repair of motor vehicles & motor cycles	25008	0.78	44233	3.94	69241	1.60
11 - Wholesale trade (not covered in item-10 above)	25665	0.80	19579	1.74	45244	1.05
12 - Retail trade (not covered in item-10 above)	634754	19.87	340043	30.26	974797	22.57
13 - Transportation and storage	79850	2.50	45184	4.02	125034	2.90
14 -Accommodation and Food service activities	96853	3.03	92757	8.26	189610	4.39
15 - Information & communication	9008	0.28	16130	1.44	25138	0.58
16 - Financial and insurance activities	190359	5.96	42215	3.76	232574	5.39
17 - Real estate activities	1878	0.06	5150	0.46	7028	0.16
18 - Professional, scientific & technical activities	14081	0.44	18252	1.62	32333	0.75
19 - Administrative and support service activities	27253	0.85	26759	2.38	54012	1.25
20 - Education	344791	10.79	89795	7.99	434586	10.06
21 - Human health & social work activities	65477	2.05	44953	4.00	110430	2.56
22 - Arts entertainment, sports & amusement and recreation	29583	0.93	10679	0.95	40262	0.93
23 - Other service activities not elsewhere classified	208802	6.54	79312	7.06	288114	6.67
Total	3194445	100.00	1123602	100.00	4318047	100.00

In case of the own account establishments, the total employment in the non-agricultural sector was dominated by activity group “manufacturing” with 5, 27,958 number of workers and 29.54 % share. However, in case of establishments with at least one hired worker, the total employment in the non-agricultural sector was dominated by activity group “education” with 4,19,815 number of workers and 23.02% share is given **Table 2.5**

Table 2.5: Distribution of total number of establishments and number of persons employed by broad activity groups

	Establishments				Employment			
Broad Activity Code	**Without Hired workers**	**With at least one hired workers**	**Total**	**% Distribution**	**Without hired workers**	**With at least One Hired worker**	**Total**	**% Distribution**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
01 AOCP	6194	3022	9216	2.45	11313	9584	20897	2.95
02 LS	116465	13646	130111	34.63	199357	46473	245830	34.75
03 FL	180055	5622	185677	49.42	344186	17646	361832	51.15
04 FA	46999	3683	50682	13.49	65408	13360	78768	11.14
Agricultural Activities	**349713**	**25973**	**375686**	**100.00**	**620264**	**87063**	**707327**	**100.00**
05 MQ	1954	1280	3234	0.19	3336	18115	21451	0.59
06 MFG	318036	70670	388706	22.69	527958	331111	859069	23.79
07 EGS	428	1266	1694	0.10	531	12470	13001	0.36
08 WS	1790	3922	5712	0.33	1988	9354	11342	0.31
09 CONS	24449	11420	35869	2.09	27403	50051	77454	2.15
10 WRTM	13581	15127	28708	1.68	15629	53612	69241	1.92
11 WT	12366	7149	19515	1.14	18181	27063	45244	1.25
12 RT	544296	115135	659431	38.49	647706	327091	974797	27.00
13 TS	34916	26615	61531	3.59	37702	87332	125034	3.46
14 AFS	55212	30242	85454	4.99	72823	116787	189610	5.25
15 IC	5224	4803	10027	0.59	6433	18705	25138	0.70
16 FIN	26991	9353	36344	2.12	172119	60455	232574	6.44
17 RE	3959	721	4680	0.27	4152	2876	7028	0.19
18 PROF	11746	5593	17339	1.01	13625	18708	32333	0.90
19 ADM	12585	9312	21897	1.28	15104	38908	54012	1.50
20 EDU	10324	82091	92415	5.39	14771	419815	434586	12.04
21HSW	14044	18453	32497	1.90	32191	78239	110430	3.06
22 AESR	8323	5095	13418	0.78	21042	19220	40262	1.12
23 OTH	121026	73722	194748	11.37	154448	133666	288114	7.98
Non-Agricultural Activities	**1221250**	**491969**	**1713219**	**100.00**	**1787142**	**1823578**	**3610720**	**100.00**
Total	**1570963**	**517942**	**2088905**		**2407406**	**1910641**	**4318047**	

Note:- 01- Activities relating to Agriculture other than crop production and plantation (AOCP),02- Livestock (LS),03 – Forestry and Logging (FL), 04 – Fishing and Aqua culture (FA),05 – Mining and Quarrying (MQ),06 – Manufacturing (including repair and installation of machinery and equipment) (MFG), 07- Electricity,gas,steem and air conditioning supply (EGS), 08 – Water supply,sewerage,waste management and remediation activities (WS), 09 – Construction (CONS), 10 – Wholesale trade, retail trade and repair of motor vehicles and motor cycles (WRPN), 11 – Wholesale trade (WT), 12- Retail trade (RT), 13- Transport and storage (including postal and courier activities), 14-Accommodation and food service activities(AFS), 15- Information and communication (including computer programming, consultancy and related services) (IC), 16- Financial and insurance activities(FIN), 17- Real estate activities (RE), 18- Professional, scientific and technical activities (including advertisement, market research and veterinary activities) (PROF) 19.-Administrative and support service activities (including travel agency, employment activities, security services, activities of call centres and organisation of conventions and trade shows) (ADM), 20- Education (EDU), 21- Human health and social work activity (including residential and non-residential care centers) (HSW), 22-Arts, entertainment, sports and amusement and recreation (excluding illegal gambling and betting activities) (AESR), 23-Other service activities not elsewhere classified (including membership organisation, repair of computers and personnel household goods (OTH).

2.5 ESTABLISHMENTS BY SIZE –CLASS OF EMPLOYMENT

Distribution of establishments engaged in all agricultural and non-agricultural activities combined by size class of employment of the establishments is given in **Table 2.6.**

Table 2.6: Distribution of Agricultural and Non-Agricultural establishments by size class of employment of the establishments.

Activity	Size class of employment										
	1-5	6-9	10-14	15-19	20-24	25-29	30-99	100-199	200-499	500 or more	All classes
Number of establishments											
Agricultural	368733	3965	2384	460	71	11	50	11	1	0	375686
Non-Agricultural	1629703	50690	22089	4991	1913	826	2513	293	149	52	1713219
Combined	1998436	54655	24473	5451	1984	837	2563	304	150	52	2088905
Percentage distribution of establishments											
Agricultural	98.15	1.06	0.63	0.12	0.02	0.00	0.01	0.00	0.00	0.00	100.00
Non-Agricultural	95.13	2.96	1.29	0.29	0.11	0.05	0.15	0.02	0.01	0.00	100.00
Combined	95.67	2.62	1.17	0.26	0.09	0.04	0.12	0.01	0.01	0.00	100.00

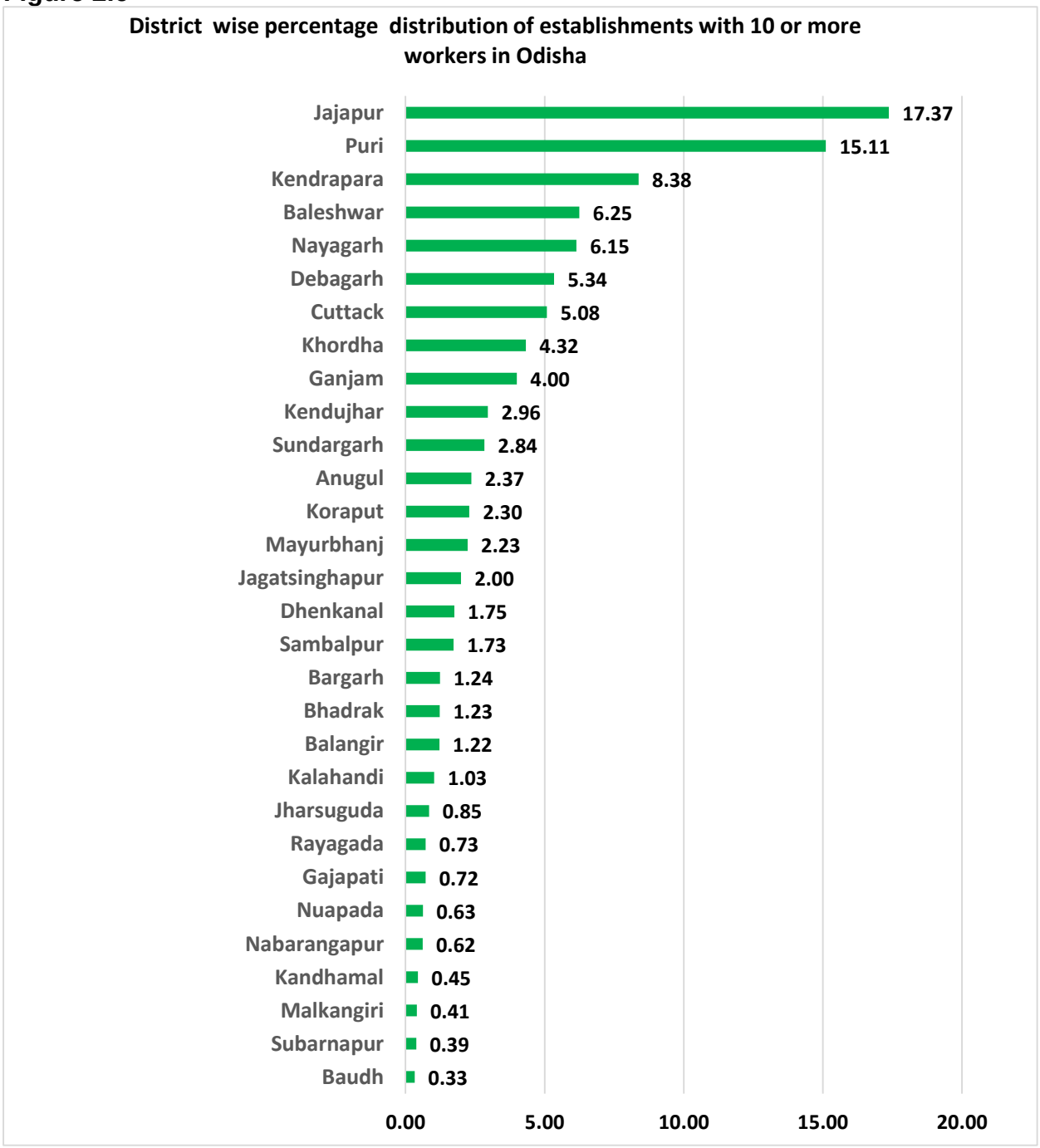
It was observed that majority of establishments i.e. 19, 98,436 numbers have less than 6 workers. In percentage terms this group constitutes 95.67% of total establishments. About 54655 numbers of establishments (2.62%) fell within the size-class employment of 6-9 workers. Number of establishments with 10 or more workers was only 35814 numbers which accounts about 1.71%.

Both in agricultural and non-agricultural sectors the highest proportion of establishments belonging to employment size class of less than 6 workers and follow the similar trend as of all establishments. In rural areas, the proportion of establishments belonging to employment size class of less than 6 workers, 6-9 workers and10 or more workers were 96.12%, 2.07% & 1.82% respectively. Similarly, in urban areas the corresponding proportion of establishments 94.17%, 4.45% & 1.38% respectively.

In Odisha more than 55% of the big establishments (employment size class 10 or more) were concentrated in Jajapur, Puri, Baleshwar, Nayagarh, Debagarh, Cuttack and

Ganjam districts. The maximum number of big establishments i.e, establishments employing 10 or more workers was found in Jajapur district (17.37%) followed by Puri 15.11%, Kendrapara 8.38%,Baleshwar 6.25%, Nayagarh 6.15%, Debagarh 5.34 %, Cuttack 5.08% and Ganjam 4.00%.

Figure 2.6



2.6 OTHER SELECTED CHARACTERSTICS

It is observed that out of total 20,88,905 numbers of establishments in the State, 1,04,344 number of establishments (5.00%) were under Government ownership, 17,80,007 number of establishments (85.21 %) under private proprietorship, 8679 number (0.42%) under private partnership, 7269 number (0.35%) under private company, 22976 number (1.10%) under private self-help groups, 1939 numbers (0.09%) under private co-operative, 69815 numbers (3.34%) under non-profit institutions and 93876 number (4.49%) under private others. This indicates that majority of the establishments were under “private proprietorship”.

The establishments in “private proprietary” were distributed in rural and urban areas in the proportion of 76.10% and 23.90% respectively. The proprietary establishments owned by male, female and others were 15,26,029 numbers (85.73%), 2,49,600 numbers (14.02%) and 4378 numbers (0.25%) respectively. The “private proprietary” establishments were further classified according to social group of the owner viz scheduled caste, scheduled tribe, other backward class and others. It revealed that schedule castes owned 298793 number of the establishments (16.78%), scheduled tribes owned 2,67,871 number of the establishments (15.05%), other backward classes owned 7,50,002 number of the establishments (42.14%) and others owned 463341 number of the establishments (26.03%). The private proprietary establishments further classified according to the religion of the owners. Accordingly, number of the establishments owned by Hindu, Muslim (Islam), Christian, Sikh, Buddhist, Parsi, Jain and Others proprietors were 15,71,786 (88.30%), 58186 (3.27%), 33083 (1.86%), 2501 (0.14%), 1887 (0.11%), 290 (0.02%), 5515 (0.30%) and 106759 (6.00%) respectively.

According to the nature of operation the number of establishments under perennial, seasonal and casual categories were 1764841 (84.5%), 2,40,511 (11.5%) and 84,553 (4.0%) respectively. Out of 17,64,841 number of perennial establishments, 12,98,415 (80.9%) were in rural areas and remaining 466426 (96.5%) were in urban areas. Out of 2,40,511 number of seasonal establishments, 2,30,274 (14.3%) were in rural areas and remaining 10,239(2.1%) were in urban areas. Out of 84,553 number of casual establishments, 77,056 (4.8%) were in rural areas and remaining 6497 (1.3%) were in urban areas.

2.7 INTER DISTRICT COMPARISON

District- wise percentage share of establishments and employment therein, by sector (rural/ urban/ combined) and by type of establishments (own account establishments/ establishments having at least one hired worker) have been presented in **Table 2.7 and Table 2.8 respectively.**

ESTABLISHMENTS

It may be observed from **Table 2.7** that the districts like Ganjam, Cuttack and Mayurbhanj accounts for each with more than 6% of the total number of establishments. Among all the districts Ganjam had the highest share with 8.21% followed by Cuttack with 6.64%, and Mayurbhanj with 6.26%. The next two districts in order of higher contribution were Jajapur and Khordha with share 5.99% and 5.49% respectively.

In rural areas, the highest percentage of establishments 7.29% noticed in Mayurbhanj district followed by Ganjam with 7.19%, Jajapur with 6.78%, and Cuttack with 5.36% and Balangir with 4.71%. Similarly in urban areas, the highest percentage of establishments 13.25% noticed in Khordha district followed by Ganjam with 11.59%, Cuttack with 10.87%, Sundargarh with 8.07% and Sambalpur with 4.84%. As revealed in the **Table 2.6** under the own account establishments Ganjam, Mayurbhanj and Cuttack district each shared with more than 6% of establishments. The maximum share of establishments 8.01% was contributed by Ganjam district followed by Mayurbhanj 6.74%, Cuttack 6.34%, Baleshwar 5.10% and Khordha 4.80%. In case of establishments with at least one hired worker, the maximum share of establishments 8.82% contributed by Ganjam district followed by Jajapur 7.61%, Khordha 7.59%, Cuttack 7.54% and Puri 4.93%.

EMPLOYMENT

It is revealed from the **Table 2.7** that the districts like Ganjam, Jajapur, Mayurbhanj, Khordha and Cuttack together accounted for the maximum share of employment. The highest share of employment provided by Ganjam district 7.90% followed by Jajapur 7.26% Mayurbhanj 6.57%, Khordha 6.21% and Cuttack 6.18%.

In rural areas the maximum share of employment 8.59% was provided by Jajapur district followed by Mayurbhanj 7.96% and Ganjam 6.52% Puri 5.13%, Baleshwar 4.97% and Balangir 4.97%. In urban areas, the maximum share of employment 15.80% was provided by Khordha district followed by Ganjam 11.80%, Cuttack 10.35%, Sundargarh 8.21% and Puri 4.34%.

Table 2.7 District-wise percentage distribution of establishments & employment by sector

Sl No.	Districts	Establishments			Employment		
		Rural	Urban	Combined	Rural	Urban	Combined
1	2	3	4	5	6	7	8
1	Anugul	3.01	2.72	2.94	2.66	2.76	2.69
2	Baleshwar	5.29	3.93	4.98	4.97	3.34	4.55
3	Bargarh	4.06	2.21	3.64	3.89	2.00	3.40
4	Bhadrak	3.02	2.52	2.90	2.59	2.12	2.47
5	Balangir	4.71	2.72	4.25	4.97	2.39	4.30
6	Baudh	2.12	0.35	1.71	1.76	0.27	1.37
7	Cuttack	5.36	10.87	6.64	4.72	10.35	6.18
8	Debagarh	0.58	0.28	0.51	1.16	0.29	0.93
9	Dhenkanal	2.46	1.68	2.28	2.18	1.56	2.02
10	Gajapati	1.26	1.21	1.25	1.30	1.03	1.23
11	Ganjam	7.19	11.59	8.21	6.52	11.80	7.90
12	Jagatsinghpur	3.27	1.64	2.89	2.80	1.65	2.50
13	Jajapur	6.78	3.38	5.99	8.59	3.48	7.26
14	Jharsuguda	1.39	2.49	1.65	1.23	3.13	1.73
15	Kalahandi	3.50	2.41	3.25	3.24	2.13	2.95
16	Kandhamal	2.88	1.15	2.48	2.53	1.00	2.13
17	Kendrapara	4.11	1.67	3.55	4.31	1.49	3.57
18	Kendujhar	4.69	3.38	4.38	4.89	3.80	4.61
19	Khurdha	3.16	13.25	5.49	2.84	15.80	6.21
20	Koraput	2.46	3.23	2.64	2.79	3.24	2.91
21	Malkangiri	0.91	0.62	0.84	0.80	0.57	0.74
22	Mayurbhanj	7.29	2.83	6.26	7.96	2.62	6.57
23	Nabarangapur	2.55	1.25	2.25	2.05	1.03	1.79
24	Nayagarh	2.70	1.51	2.42	2.76	1.22	2.36
25	Nuapada	1.14	0.56	1.01	1.09	0.57	0.96
26	Puri	4.15	4.40	4.21	5.13	4.34	4.92
27	Rayagada	1.70	1.95	1.76	1.70	1.80	1.73
28	Sambalpur	3.97	4.84	4.17	3.69	4.81	3.98
29	Subarnapur	2.00	1.28	1.83	2.11	1.19	1.87
30	Sundargarh	2.31	8.07	3.64	2.76	8.21	4.18
	TOTAL	100.00	100.00	100.00	100.00	100.00	100.00

Table 2.8 District-wise percentage distribution of establishments & employment by type of establishments							
Sl No.	Districts	Establishments			Employment		
		Without Hired worker	With at least One Hired Worker	Total	Without Hired worker	With at least One Hired Worker	Total
1	2	3	4	5	6	7	8
1	Anugul	3.04	2.64	2.94	2.67	2.71	2.69
2	Baleshwar	5.10	4.61	4.98	4.53	4.56	4.55
3	Bargarh	4.02	2.45	3.64	4.32	2.24	3.40
4	Bhadrak	2.74	3.40	2.90	2.13	2.90	2.47
5	Balangir	4.72	2.84	4.25	5.70	2.53	4.30
6	Baudh	2.05	0.70	1.71	1.98	0.60	1.37
7	Cuttack	6.34	7.54	6.64	5.25	7.36	6.18
8	Debagarh	0.47	0.62	0.51	1.00	0.84	0.93
9	Dhenkanal	2.15	2.66	2.28	1.72	2.39	2.02
10	Gajapati	1.26	1.20	1.25	1.33	1.11	1.23
11	Ganjam	8.01	8.82	8.21	7.08	8.93	7.90
12	Jagatsinghpur	2.86	2.99	2.89	2.49	2.51	2.50
13	Jajapur	5.46	7.61	5.99	7.29	7.23	7.26
14	Jharsuguda	1.61	1.77	1.65	1.29	2.29	1.73
15	Kalahandi	3.19	3.40	3.25	2.99	2.90	2.95
16	Kandhamal	2.79	1.52	2.48	2.83	1.25	2.13
17	Kendrapara	3.68	3.12	3.55	4.21	2.77	3.57
18	Kendujhar	4.27	4.72	4.38	4.01	5.35	4.61
19	Khurdha	4.80	7.59	5.49	3.83	9.22	6.21
20	Koraput	2.51	3.01	2.64	2.81	3.03	2.91
21	Malkangiri	0.82	0.93	0.84	0.68	0.81	0.74
22	Mayurbhanj	6.74	4.81	6.26	8.06	4.70	6.57
23	Nabarangapur	2.38	1.83	2.25	1.99	1.53	1.79
24	Nayagarh	2.66	1.71	2.42	3.00	1.56	2.36
25	Nuapada	0.94	1.22	1.01	0.79	1.17	0.96
26	Puri	3.97	4.93	4.21	5.30	4.46	4.92
27	Rayagada	1.77	1.72	1.76	1.81	1.63	1.73
28	Sambalpur	4.26	3.90	4.17	3.57	4.49	3.98
29	Subarnapur	2.03	1.21	1.83	2.53	1.05	1.87
30	Sundargarh	3.35	4.53	3.64	2.81	5.90	4.18
	TOTAL	100.00	100.00	100.00	100.00	100.00	100.00

Considering the size of employment by type of establishments, it is revealed in **Table 2.8** that the maximum share of employment in own account establishments was found in the districts of Mayurbhanj (8.06%), Jajapur (7.29%), Ganjam (7.08%), Balangir (5.70%) and Puri (5.30%).

In case of establishments with at least one hired worker, significant share of employment was contributed by the five district viz. Khordha (9.22%), Ganjam (8.93%), Cuttack (7.36%), Jajapur (7.23%) and Sundargarh (5.90%).

CHAPTER III
AGRICULTURAL ESTABLISHMENTS

3.1 COVERAGE

Agricultural Establishments play a vital role in the Indian economy. An agricultural establishment for the purpose of the Sixth Economic Census (EC) was the one, engaged in production of agriculture goods (other than crop production & plantation by the farmers or a group of farmers or any agency), agricultural services, Livestock (Animal production & support activities for animal production, Hunting, trapping and related service activities), Forestry, logging, Fishing and aquaculture (marine fishing, fresh water fishing, marine and fresh water aquaculture), where at least some part of the production or services was sold out. Establishments engaged in activities pertaining to crop production and plantations though in the agriculture establishments were not covered as these are being covered regularly under Agricultural Census since 1970-71. Thus, primarily cultivators were excluded from the census. However, services incidental to crop production or plantation provided/ undertaken by any one individual or a firm or a company by charging fee or rent/compensation e.g. machinery & equipment for tilling/cultivation, preparation of field or sowing harvesting/chaffing, transportation of agriculture goods/produce charging for irrigation facilities etc. as their principal activity were included and the establishments engaged in such activities were enumerated.

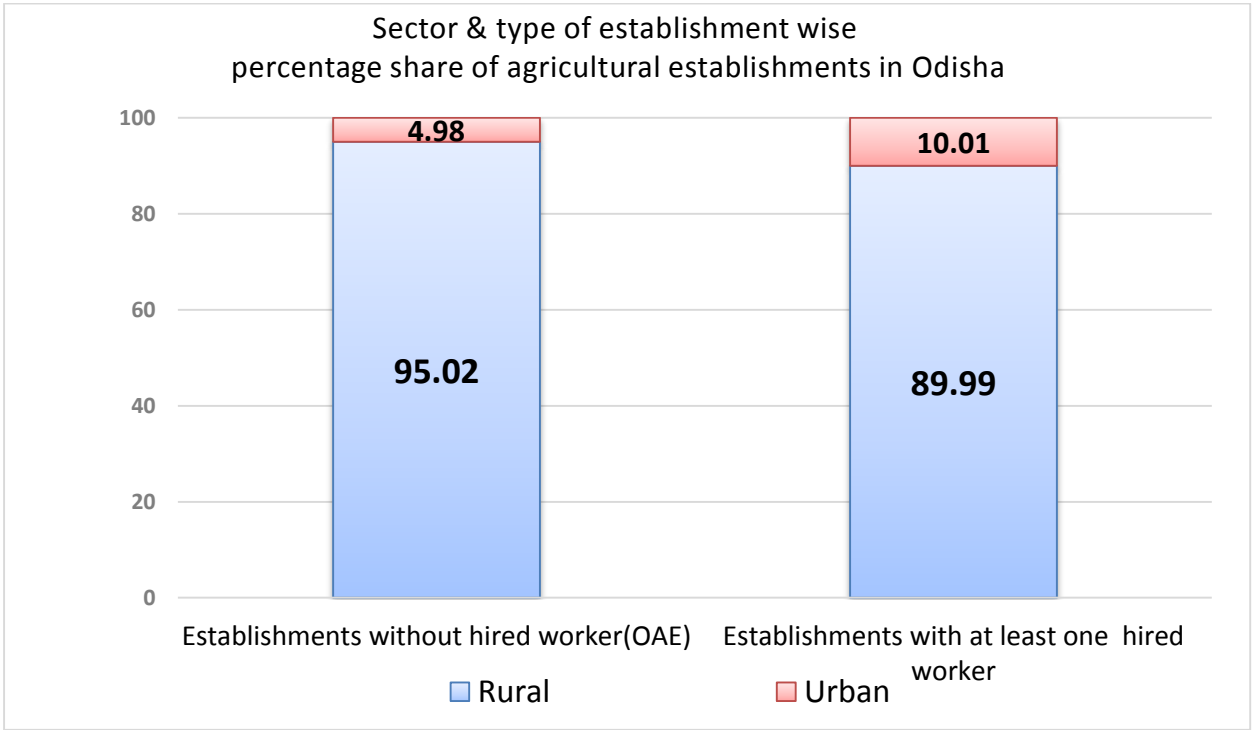
Different features of agricultural establishments revealed by the results of the Sixth Economic Census are discussed in this chapter. For the purpose of economic census, the agricultural establishments comprised establishments covered under NIC 2008 three digit codes 013, 014, 016, 017, 021, 022, 023, 024, 031 & 032 and Broad Activity Codes 01 to 04 covered under Schedules 6A of Sixth Economic Census.

3.2 AGRICULTURAL ESTABLISHMENTS

The distribution of agricultural establishments and employment therein by types of establishments with rural-urban break up is given in **Table 3.1** and **Figure 3.1.**

Table 3.1: Number of agricultural establishments and employment in - Odisha (Figures in absolute number)						
Sl No	Item	Rural		Urban		Combined
		Number	Percentage	Number	Percentage	Number
	Establishments without hired worker(OAE)					
1	a)Establishments	332289	95.02	17424	4.98	349713
	b) Employment					
	i) Total worker	593937	95.76	26327	4.24	620264
		1.79		1.51		1.77
	ii) Female worker	279729	97.09	8393	2.91	288122
	Establishments with at least one hired worker					
	a)Establishments	23373	89.99	2600	10.01	25973
	b) Employment					
	i) Total worker	77654	89.19	9409	10.81	87063
		3.32		3.62		3.35
	ii) Female worker	11175	92.07	963	7.96	12138
3	All Establishments					
	a)Establishments	355662		20024		375686
	b) Employment					
	i) Total worker	671591	94.95	35736	5.05	707327
		1.89		1.78		1.88
	ii) Female worker	290904		9356		300260

Figure: 3.1



There were 3.76 lakh agricultural establishments (3.56 lakhs in rural areas and 0.20 lakhs in urban areas), which accounted for 17.99% of the total establishments in Odisha. Out of the total agricultural establishments, 3.50 lakhs (93.09%) were establishments without hired worker (OAE) and the remaining 0.26 lakhs (6.91%) were establishments with at least one hired worker.

Out of 3.56 lakh agricultural establishments located in rural areas, 3.32 lakhs were own account establishments and remaining 0.24 lakhs were establishments with at least one hired worker. Similarly out of 0.20 lakh agricultural establishments in the urban area, 0.17 lakhs were own account establishments and the remaining 0.03 lakhs were establishments with at least one hired worker.

Out of the total of 3.50 lakh own account agricultural establishments in Odisha 3.32 lakhs i.e. 95.02% were located in rural areas and the remaining 0.18 lakh i.e. 4.98% located in the urban area. Similarly out of a total of 0.26 lakh agricultural establishments with at least one hired worker, 0.23 lakh i.e. 89.99% were located in rural areas and the remaining 0.03 lakh (10.01%) were located in the urban area.

- ***Agricultural establishments accounted for 17.99% of the total establishments in Odisha.***
- ***Out of the total agricultural establishments 95.02% were located in rural area & 4.98% were located in urban area.***

3.3 EMPLOYMENT IN AGRICULTURAL ESTABLISHMENTS

In Odisha, 7.07 lakhs employment has been generated through agricultural establishments which accounts 16.38% of the total employments. Out of the total employment in Agriculture establishments 6.72 lakhs (94.95%) persons were employed in rural area and 0.35 lakhs (5.05%) persons were employed in urban area. Further out of the total employment in agricultural establishments 6.20 lakh (87.69%) persons were employed in OAE and 0.87 lakhs (12.31%) were employed in establishments with at least one hired worker.

3.4 AGRICULTURAL ESTABLISHMENTS BY MAJOR ACTIVITY GROUPS

The agricultural establishments were distributed in four number of Broad Activity Categories/Codes (BAC) by type of establishments along with sector and presented in **Table-3.2.**

Table 3.2: Total number of establishments by Broad activity Code, sector and type of establishment in Odisha.

Broad activity code	Number of Establishments								
	Sector								
	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total
01 - Activities relating to agriculture other than crop production & plantation	5916	2822	8738	278	200	478	6194	3022	9216
	1.78	12.08	2.46	1.59	7.69	2.39	1.77	11.63	2.46
02 - Livestock	109339	12421	121760	7126	1225	8351	116465	13646	130111
	32.90	53.14	34.23	40.90	47.11	41.70	33.30	52.54	34.63
03 - Forestry and Logging	176786	5301	182089	3267	321	3588	180055	5622	185677
	53.20	22.68	51.20	18.75	12.35	17.92	51.49	21.65	49.42
04 - Fishing and aqua culture	40246	2829	43075	6753	854	7607	46999	3683	50682
	12.12	12.10	12.11	38.76	32.85	37.99	13.44	14.18	13.49
Subtotal	332289	23373	355662	17424	2600	20024	349713	25973	375686
	100	100	100	100	100	100	100	100	100

(Figures in the bottom lines are percentage to the total respective type)

Out of 3.76 lakh agricultural establishments in Odisha, the highest 1.86 lakh (49.42%) establishments engaged under Forestry and Logging broad activity categories followed by 1.30 lakhs (34.63%) engaged under livestock category. Among the four broad activity categories Forestry and Logging & livestock jointly sharing more than 84 % of the total agricultural establishments.

3.4.1 AGRICULTURAL ESTABLISHMENTS WITHOUT HIRED WORKER (OAE) BY MAJOR ACTIVITY GROUPS.

There were 3.50 lakh establishments without hired workers i.e. own account establishments (OAE) under agriculture in Odisha. Out of the agricultural own account establishments (OAE) the highest 1.80 lakh (51.49%) belongs to Forestry and Logging broad activity category followed by 1.16 lakh (33.30%) belongs to livestock category. In rural area

out of 3.32 lakhs own account (OAE) agricultural establishments the highest 1.77 lakh (53.20%) belongs to Forestry and Logging broad activity category followed by1.09 lakh (32.90%) belongs to livestock category. This indicates in rural area more than 86 % of the total OAEs belongs to forestry & logging and livestock broad activity categories.

Similarly, in urban area out of 0.18 lakhs own account (OAE) agricultural establishments the highest 7126 (40.90%) belongs to livestock broad activity category followed by 6753 (38.76 %) belongs to fishing & aquaculture category. This indicates in urban area more than 79 % of the total OAEs belongs to livestock and fishing & aquaculture broad activity categories.

3.4.2 AGRICULTURAL ESTABLISHMENTS WITH AT LEAST ONE HIRED WORKER BY MAJOR ACTIVITY GROUPS.

There were 0.26 lakh agricultural establishments with at least one hired worker in Odisha, out of which the highest 0.13 lakh (52.54%) belongs to livestock broad activity category followed by 0.06 lakh (21.65%) belongs to Forestry and Logging category. In rural area out of 0.23 lakhs agricultural establishments with at least one hired worker the highest 12421 (53.14%) belongs to livestock broad activity category followed by 5301 (22.68%) belongs to forestry & logging category. This indicates in rural area more than 85 % of the total agricultural establishments with at least one hired worker belongs to livestock and forestry & logging broad activity categories.

Similarly, in urban area out of 2600 agricultural establishments with at least one hired worker the highest 1225 (47.11%) belongs to livestock broad activity category followed by 854 (32.85%) belongs to fishing & aquaculture category. This indicates in urban area more than 79 % of the total agricultural establishments with at least one hired worker belongs to livestock and fishing & aquaculture broad activity categories.

3.5 EMPLOYMENT IN AGRICULTURAL ESTABLISHMENTS BY MAJOR ACTIVITY GROUPS

The employment in agricultural establishments were distributed in four number of Broad Activity Categories/Codes (BAC) by type of establishments along with sector and presented in **Table- 3.3**.

The survey reveals that 7.07 lakhs employment has been generated through agricultural establishments, which is 16.38% of the total employment created in Odisha. The

agricultural employment opportunity created in rural area and urban area were 94.95% 5.05% respectively.

Out of 7.07 lakh persons engaged in agricultural establishments the highest 3.61 lakh (49.42%) engaged under Forestry and Logging broad activity categories followed by 2.46 lakhs (34.63%) engaged under livestock category. Among the four broad activity categories Forestry and Logging & livestock jointly sharing more than 84 % of the total employment in agricultural establishments

3.3-Broad Activity wise total number of persons employed by sector and type of establishment in Odisha

Broad activity code	Broad Activity wise total number of persons employed by sector and type of establishment in Odisha								
	Sector								
	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total
01 - Activities relating to agriculture other than crop production & plantation	**10942**	**8735**	**19677**	**371**	**849**	**1220**	**11313**	**9584**	**20897**
	1.84	11.25	2.93	1.41	9.02	3.42	1.82	11.01	2.96
02 - Livestock	**188482**	**42535**	**231017**	**10875**	**3938**	**14813**	**199357**	**46473**	**245830**
	31.74	54.77	34.40	41.31	41.85	41.45	32.14	53.38	34.75
03 - Forestry and Logging	**338554**	16316	354870	5632	1330	6962	344186	17646	361832
	57.00	21.01	52.84	21.39	14.14	19.48	55.49	20.27	51.15
04 - Fishing and aqua culture	**55959**	**10068**	**66027**	**9449**	**3292**	**12741**	**65408**	**13360**	**78768**
	9.42	12.97	9.83	35.89	34.99	35.65	10.55	15.34	11.14
Subtotal:Agricutural Broad Activity	**593937**	**77654**	**671591**	**26327**	**9409**	**35736**	**620264**	**87063**	**707327**
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

3.5.1 EMPLOYMENT IN AGRICULTURAL ESTABLISHMENTS WITHOUT HIRED WORKER (OAE) BY MAJOR ACTIVITY GROUPS.

There were 6.20 lakhs persons engaged in establishments without hired workers i.e. own account establishments (OAE) under agriculture in Odisha, out of which the highest 3.44 lakhs (55.49%) persons belongs to Forestry and Logging broad activity category followed by 1.99 lakhs (32.14%) persons belongs to livestock category. In rural area out of 5.94 lakhs persons engaged in own account establishments (OAE) agricultural establishments the highest 3.39 lakhs (57.00%) persons belongs to Forestry and Logging broad activity category followed by 1.88 lakhs(31.74%) persons belongs to livestock category. This indicates in rural area more than 88% of the total persons engaged in establishments without hired workers belongs to forestry & logging and livestock broad activity categories.

Similarly, in urban area out of 0.26 lakhs persons engaged in own account establishments (OAE) agricultural establishments, out of which the highest 0.11 lakhs (41.31%) persons belongs to livestock broad activity category followed by 0.09 lakhs (35.89%) belongs to fishing & aquaculture category. This indicates in urban area more than 77% of the total persons engaged in establishments without hired workers belongs to livestock and fishing & aquaculture broad activity categories.

3.5.2 EMPLOYMENT IN AGRICULTURAL ESTABLISHMENTS WITH AT LEAST ONE HIRED WORKER BY MAJOR ACTIVITY GROUPS

There were 0.87 lakh persons engaged in establishments with at least one hired worker under agriculture in Odisha, out of which the highest 0.46 lakh (53.38%) persons belongs to livestock broad activity category followed by 0.18 lakh (20.27%) persons belongs to Forestry and Logging category. In rural area out of 0.78 lakhs persons engaged in agricultural establishments with at least one hired worker the highest 0.43 lakh (54.77%) persons belongs to livestock broad activity category followed by 0.16 lakh (21.01%) belongs to Forestry and Logging category. This indicates in rural area more than 75 % of the total persons engaged in establishments with at least one hired worker belongs to livestock and forestry & logging broad activity categories.

Similarly, in urban area out of 9409 persons engaged in agricultural establishments with at least one hired worker out of which the highest 3938 (41.85%) persons belongs to livestock broad activity category followed by 3292 (34.99%) persons belongs to fishing & aquaculture category. This indicates in urban area more than 75% of the total persons

engaged in establishments with at least one hired worker belongs to livestock and fishing & aquaculture broad activity categories.

3.6 AVERAGE EMPLOYMENT PER ESTABLISHMENT IN AGRICULTURE

The average employment in agricultural establishments in Odisha by broad activity code, sector and type of establishment is given in **Table 3.4**. In the result of the Economic Census it is revealed that the average employment in agricultural establishments was 1.88 persons per establishment. The average employment per agricultural establishment in rural areas was 1.89 persons per establishment and in urban area was 1.78 persons per establishment. According to the type of establishments, the average employment per own account agricultural establishment and establishments with at least one hired worker were 1.77 persons and 3.35 persons respectively. Under the major activity groups, the highest average employment 2.27 persons per agricultural establishment belongs to *Activities other than crop production & plantation* broad activity category followed by Forestry & logging categories 1.95 person per establishment.

3.6.1 EMPLOYMENT RATE IN OWN ACCOUNT ESTABLISHMENTS

It is observed that, the average employment per own account agricultural establishment was 1.77 persons per establishment. Among the major activity groups, the highest average employment 1.91 persons per own account agricultural establishment belongs to Forestry and Logging broad activity category followed by *Activities other than crop production & plantation* categories 1.83 person per establishment. In rural area the average employment per own account agricultural establishment was 1.79 persons per establishment. Among the major activity groups in rural areas, the highest average employment 1.92 persons per own account agricultural establishment belongs to Forestry and Logging broad activity category followed by '*Activities other than crop production & plantation* categories 1.85 person per establishment. Similarly, in urban area the average employment per own account agricultural establishment was 1.51 persons per establishment. Among the major activity groups in urban areas, the highest average employment 1.72 persons per own account agricultural establishment belongs to Forestry and Logging broad activity category followed livestock categories 1.53 person per establishment.

3.6.2 EMPLOYMENT RATE IN ESTABLISHMENT WITH ATLEAST ONE HIRED WORKER

It is observed that, the average employment per agricultural establishments with at least one hired worker was 3.35 persons per establishment. Among the major activity groups, the highest average employment 3.63 persons per agricultural establishments with at least one hired worker belongs to Fishing & Aquaculture broad activity category followed by livestock categories 3.41 person per establishment. In rural area the average employment per agricultural establishments with at least one hired worker was 3.32 persons per establishment. Among the major activity groups in rural areas, the highest average employment 3.56 persons per agricultural establishments with at least one hired worker belongs to Fishing & Aquaculture broad activity category followed by livestock categories 3.42 person per establishment. Similarly, in urban area the average employment per agricultural establishments with at least one hired worker was 3.62 persons per establishment. Among the major activity groups in urban areas, the highest average employment 4.25 persons per agricultural establishments with at least one hired worker belongs to *Activities other than crop production & plantation* broad activity category followed by Forestry and Logging categories 4.14 person per establishment.

Table :3.4 :Broad Activity wise Employment Rate by sector and type of establishment in Odisha

Broad activity code	Rural			Urban			Combined		
	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total
01 - Activities relating to agriculture other than crop production &plantation	1.85	3.10	2.25	1.33	4.25	2.55	1.83	3.17	2.27
02 - Livestock	1.72	3.42	1.90	1.53	3.21	1.77	1.71	3.41	1.89
03 - Forestry and Logging	1.92	3.08	1.95	1.72	4.14	1.94	1.91	3.14	1.95
04 - Fishing and aqua culture	1.39	3.56	1.53	1.40	3.85	1.67	1.39	3.63	1.55
Subtotal:	1.79	3.32	1.89	1.51	3.62	1.78	1.77	3.35	1.88

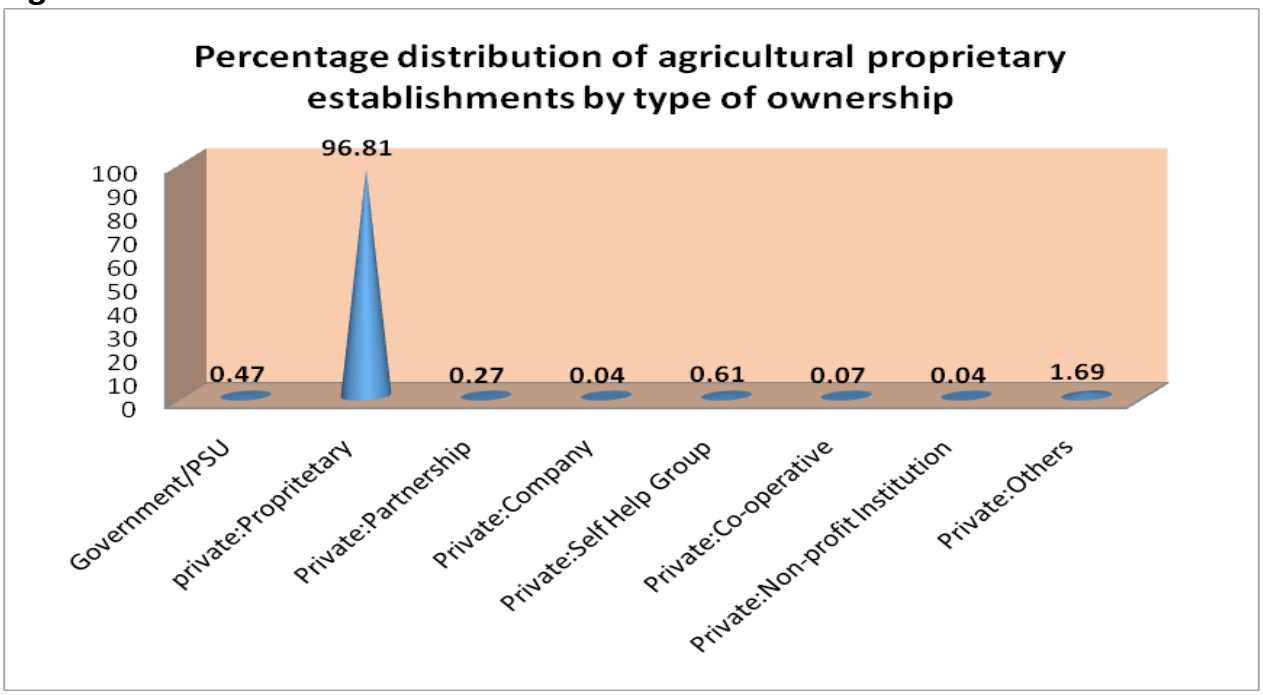
3.7.1 DISTRIBUTION OF ESTABLISHMENTS BY TYPE OF OWNERSHIP

The distribution of agricultural establishments by type of ownership with rural-urban break-up has been given in **Table 3.5.**

Table 3.5: Number of agricultural establishments by type of ownership, type of establishments and by sector (Figures in absolute number)

Type of ownership	Rural		Urban		Combined	
	With at least one hired worker	Total	With at least one hired worker	Total	With at least one hired worker	Total
Government/PSU	1598	1598	157	157	1755	1755
	6.84	0.45	6.04	0.78	6.76	0.47
private: Proprietary	20368	344323	2253	19402	22621	363725
	87.14	96.81	86.65	96.89	87.09	96.81
Private: Partnership	125	931	49	78	174	1009
	0.53	0.26	1.88	0.39	0.67	0.27
Private: Company	98	138	13	13	111	151
	0.42	0.04	0.50	0.07	0.43	0.04
Private: Self Help Group	166	2179	9	99	175	2278
	0.71	0.61	0.35	0.49	0.67	0.61
Private: Co-operative	79	252	2	2	81	254
	0.34	0.07	0.08	0.01	0.32	0.07
Private: Non-profit Institution	42	136	3	11	45	147
	0.18	0.04	0.12	0.06	0.17	0.04
Private: Others	897	6105	114	262	1011	6367
	3.84	1.72	4.38	1.31	3.89	1.69
TOTAL	23373	355662	2600	20024	25973	375686
	100	100	100	100	100	100

Figure: 3.2



Out of total 3.76 lakh agricultural establishments in Odisha, 0.02 lakh establishments (0.47%) under Government /PSU ownership, 3.64 lakhs (96.81%) under private proprietorship, 0.01 lakhs (0.27%) under private partnership, 0.002 lakhs (0.04%) under private company, 0.23 lakhs (0.61%) under private self-help groups, 0.003 lakhs (0.07%) under private cooperative, 0.001 lakhs (0.04%) under private non-profit institutions and 0.06 lakhs (1.69%) under private others. Under agriculture most of the establishments i.e. about 96.81% were functioning under 'private proprietary ownership. The share of agricultural establishments under private proprietary ownership in rural and urban areas were 96.81 % & 96.89 % respectively.

There are 0.26 lakh agricultural establishments with at least one hired worker in Odisha, out of which the highest 0.23 lakh (87.09%) establishments were under 'private proprietor' ownership followed by 0.02 lakhs (6.76%) under 'Government/PSU ownership and 0.01 lakh establishments under other ownerships. In rural area out of 0.23 lakh the highest 0.20 lakh (87.14%) establishments were under 'private proprietor' ownership followed by 0.02 lakhs (6.84%) under 'Government/PSU ownership and rest 0.01 lakh establishments under other ownerships. Similarly in urban area out of 2600 establishments the highest 2253 (86.65%) were under 'private proprietor' ownership followed by 157(6.04%) under 'Government/PSU ownership and rest establishments under other ownerships.

3.7.2 DISTRIBUTION OF EMPLOYMENT BY TYPE OF OWNERSHIP

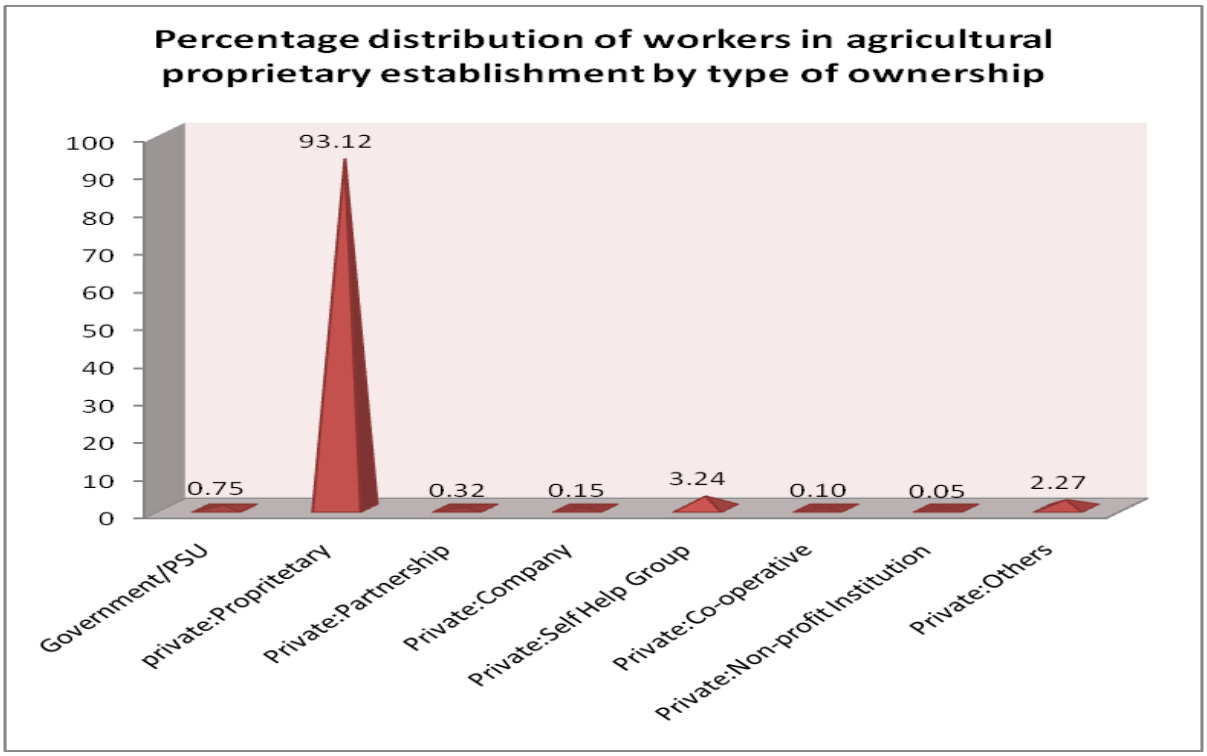
The distribution of agricultural establishments by type of ownership with rural-urban break-up has been given in **Table 3.6.**

Out of total 7.07 lakh persons employed in agricultural establishments in Odisha, 0.05 lakh persons (0.75%) were working under Government ownership and rest 7.02 lakhs working under *private ownership*. The highest *6.59 lakh persons (93.12%)* were working under 'private proprietor' ownership, 0.02 lakh persons (0.32%) under private partnership, 0.011 lakh persons (0.15%) under private company, 0.23 lakh persons (3.24%) under private self-help groups, 0.007 lakh persons (0.1%) under private cooperative, 0.003 lakh persons (0.05%) under private non-profit institutions and 0.16 lakhs persons (2.27%) under private others. There were 0.87 lakh persons employed in agricultural establishments with at least one hired worker in Odisha, out of which number of persons employed in rural area and urban area were 0.78 lakhs & in 0.09 lakhs respectively. Both in rural area and urban area the highest number of *persons* were working under 'private proprietor' ownership.

Table 3.6: Total number of persons employed by type of ownership by type of establishments and by sector in Odisha.

Type of ownership	Rural		Urban		Combined	
	With at least one hired worker	Total	With at least one hired worker	Total	With at least one hired worker	Total
Government/PSU	4486	4486	801	801	5287	5287
	5.78	0.67	8.51	2.24	6.07	0.75
private:Propritetary	67185	625317	7667	33395	74852	658712
	86.52	93.11	81.49	93.44	85.97	93.12
Private:Partnership	601	1958	211	302	812	2260
	0.77	0.29	2.24	0.85	0.93	0.32
Private:Company	910	975	119	119	1029	1094
	1.17	0.15	1.26	0.33	1.18	0.15
Private:Self Help Group	1255	22513	110	376	1365	22889
	1.62	3.35	1.17	1.05	1.57	3.24
Private:Co-operative	183	613	85	85	268	698
	0.24	0.09	0.91	0.24	0.31	0.10
Private:Non-profit Institution	96	291	35	45	131	336
	0.12	0.04	0.37	0.13	0.16	0.05
Private:Others	2938	15438	381	613	3319	16051
	3.78	2.30	4.05	1.72	3.81	2.27
Total	**77654**	**671591**	**9409**	**35736**	**87063**	**707327**
	100	100	100	100	5287	100

Figure: 3.3



3.8 SELECTED CHARACTERISTICS UNDER PROPRIETARY OWNERSHIP

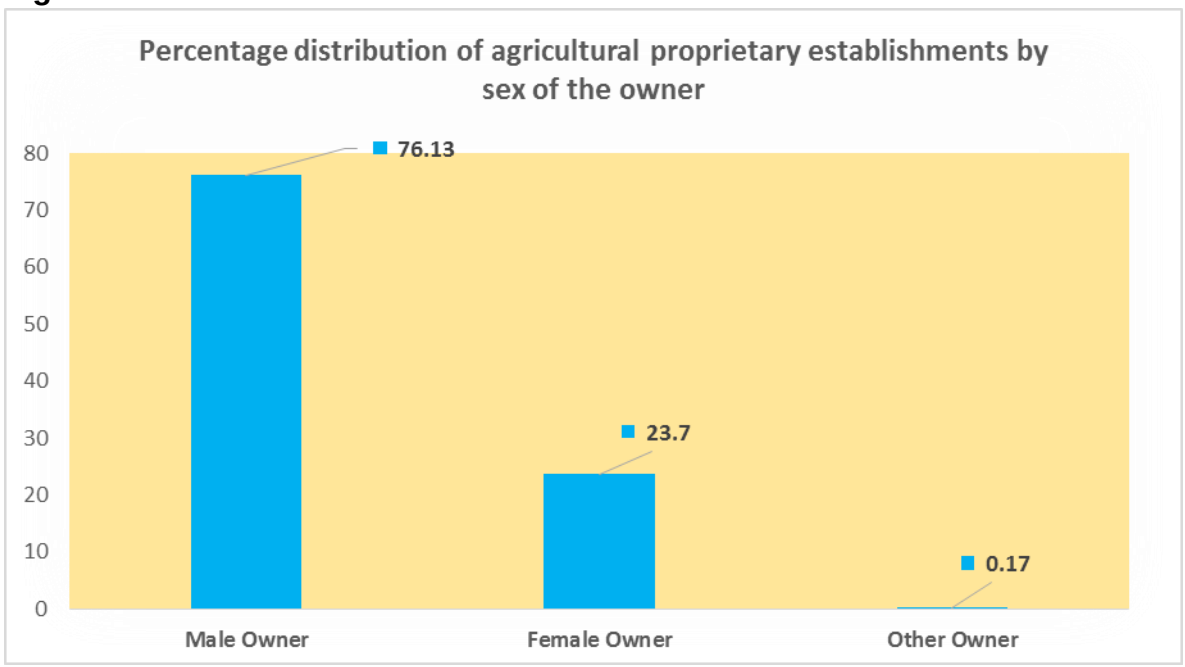
3.8.1 OWNERSHIP BY SEX

The sex wise distribution of the owner of proprietary agricultural establishments is given in **Table 3.7.**

In 3.64 lakh proprietary agricultural establishments, the share of male, female and other category of owner were 2.77 lakh (76.13%), 0.86 lakh (23.70%) and 0.01 lakh (0.17%) respectively. In rural areas the share of male, female and other category of owner were 2.60 lakh (75.58%), 0.83 lakh (24.26%) and 0.01 lakh (0.16%) respectively. Similarly, in urban areas the share of male and female category of owner were 0.17 lakh (85.85%) and 0.03 lakh (13.78%) respectively. The share of other category of owner was only 72 number which represents 0.37% share in urban area.

Table 3.7: Distribution of agricultural establishments under proprietary ownership by sex			
Ownership by sex	Number of proprietary Establishments		
	Rural	**Urban**	**Combined**
Male	260255	16657	276912
	75.58	85.85	76.13
Female	83522	2673	86195
	24.26	13.78	23.70
Other	546	72	618
	0.16	0.37	0.17
Total	**344323**	**19402**	**363725**
	100.00	**100.00**	**100.00**

Figure: 3.4

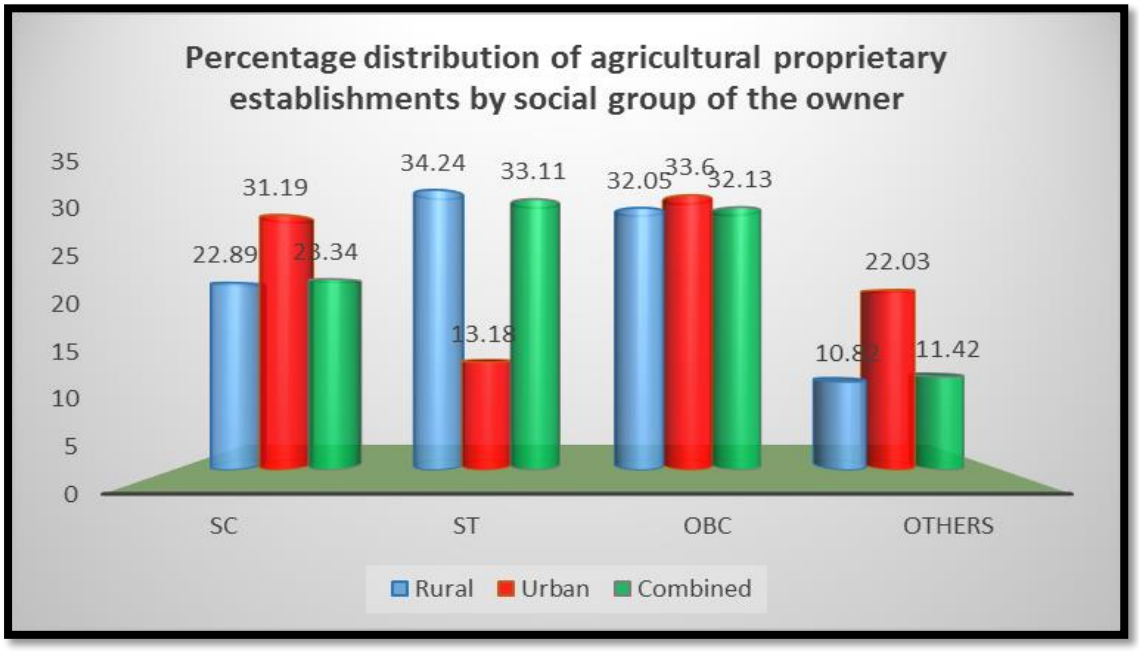


3.8.2 SOCIAL GROUP OF THE OWNER OF PROPRIETARY AGRICULTURAL ESTABLISHMENTS

The social group wise distribution of the owner of proprietary agricultural establishments is given in **Table 3.8 and figure 3.5.**

Table 3.8: Distribution of agricultural establishments under proprietary ownership by Social Group (Figures in absolute number)			
Ownership	**Number of Establishments**		
	Rural	**Urban**	**Combined**
SC	78832	6051	84883
	22.89	31.19	23.34
ST	117889	2558	120447
	34.24	13.18	33.11
OBC	110335	6519	116854
	32.05	33.60	32.13
Others	37267	4274	41541
	10.82	22.03	11.42
Total	**344323**	**19402**	**363725**
	100	**100**	**100**

Figure: 3.5



In 3.64 lakh proprietary agricultural establishments, the share of SC, ST, OBC and other category of owners were 0.85 lakhs (23.34%), 1.20 lakh (33.11%), 1.17 lakh (32.13%) and 0.42 lakh (11.42) respectively. In rural areas the share of SC, ST, OBC and other category of owners were 0.79 lakhs (22.89%), 1.18 lakh (34.24%), 1.10 lakh (32.05%) and 0.37 lakh (10.82%) respectively. Similarly, in urban areas the share of SC, ST, OBC and other category of owners were 0.06 lakhs (31.19%), 0.03 lakh (13.18%), 0.07 lakh (33.60%) and 0.04 lakh

(22.03%) respectively. Representation of ST category of owner was highest in rural area but it is lowest in urban area.

3.8.3 RELIGION OF THE OWNER OF PROPRIETARY AGRICULTURAL ESTABLISHMENTS

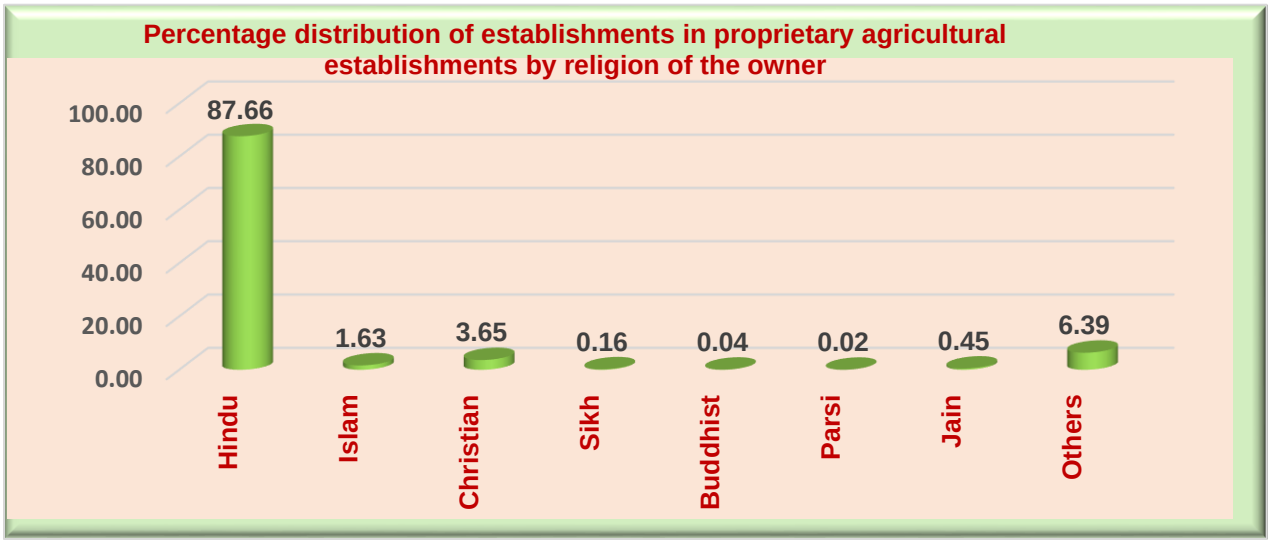
The religion wise distribution of the owner of proprietary agricultural establishments is given in **Table 3.9 and figure 3.6.**

In 3.64 lakh proprietary agricultural establishments, the religion of the owners were classified as Hindu, Islam, Christian, Sikh, Buddhist, Parsi, Jain and others categories. The share of Hindu was 3.19 lakh (87.66%) which is highest among other religions, followed by others 0.23 lakh (6.39 %) & Christian 0.13 lakh (3.65%). In rural areas the share of Hindu, Others and Christian were 3.02 lakh (87.64%), 0.22 lakh (6.39%) and 0.13 lakh (3.74%) respectively. Similarly, in urban areas the share of Hindu, Others and Christian were 0.17 lakh (87.90%), 0.01 lakh (6.34%) and 0.01 lakh (3.10%) respectively.

Table 3.9: Number of agricultural establishments under proprietary ownership by Religion

Religion of Owner	Number of Establishments		
	Rural	**Urban**	**Combined**
Hindu	301781	17054	318835
	87.64	87.90	87.66
Islam	5328	602	5930
	1.55	3.10	1.63
Christian	12889	377	13266
	3.74	1.94	3.65
Sikh	548	44	592
	0.16	0.23	0.16
Buddhist	139	9	148
	0.04	0.05	0.04
Parsi	60	11	71
	0.02	0.06	0.02
Jain	1564	75	1639
	0.45	0.39	0.45
Others	22014	1230	23244
	6.39	6.34	6.39
Total	**344323**	**19402**	**363725**
	100.00	**100.00**	**100.00**

Figure: 3.6



3.10 AGRICULTURAL ESTABLISHMENTS BY NATURE OF OPERATION

There are 3.76 lakh of agricultural establishments in Odisha and 7.07 lakhs persons were engaged in such agricultural establishments. According to the nature of operation the agricultural establishments are classified in to three types such as perennial, seasonal and casual. The nature of operation wise distribution of agricultural establishments and workers employed there in are given in **Table 3.10, figure 3.7and figure 3.8.**

In the distribution of agricultural establishments, the share of perennial, seasonal and casual nature of establishments were 2.18 lakh (58.08%), 1.34 lakh (35.58%) and 0.24 lakh (6.34%) respectively. In rural areas the share of perennial, seasonal and casual nature of establishments were 2.01 lakh (56.40%), 1.32 lakh (37.08%) and 0.23 lakh (6.52%) respectively. Similarly in urban areas the share of perennial, seasonal and casual nature of establishments were 2.01 lakh (56.40%), 1.32 lakh (37.08%) and 0.23 lakh (6.52%) respectively.

Table 3.10: Distribution of establishments & workers of agricultural establishments by nature of operation						
Nature of operation	Number of Establishments			Number of Workers		
	Rural	Urban	Combined	Rural	Urban	Combined
Perennial	200583	17627	218210	368822	31700	400522
	56.40	88.03	58.08	54.92	88.70	56.62
Seasonal	131903	1744	133647	266489	2995	269484
	37.08	8.71	35.58	39.68	8.38	38.10
Casual	23176	653	23829	36280	1041	37321
	6.52	3.26	6.34	5.40	2.91	5.28
Total	355662	20024	375686	671591	35736	707327
	100	100	100	100	100	100

According to the nature of operation of agricultural establishments, the share of workers employed in perennial, seasonal and casual establishments were 4.01 lakh (56.62%), 2.69 lakh (38.10%) and 0.37 lakh (5.28%) respectively. In rural areas the share of workers employed in perennial, seasonal and casual establishments were 3.79 lakh (54.92%), 2.66 lakh (39.68%) and 0.36 lakh (5.40%) respectively. Similarly in urban areas the share of workers employed in perennial, seasonal and casual establishments were 0.32 lakh (88.70%), 0.03 lakh (8.38%) and 0.01 lakh (2.91%) respectively.

Figure: 3.7

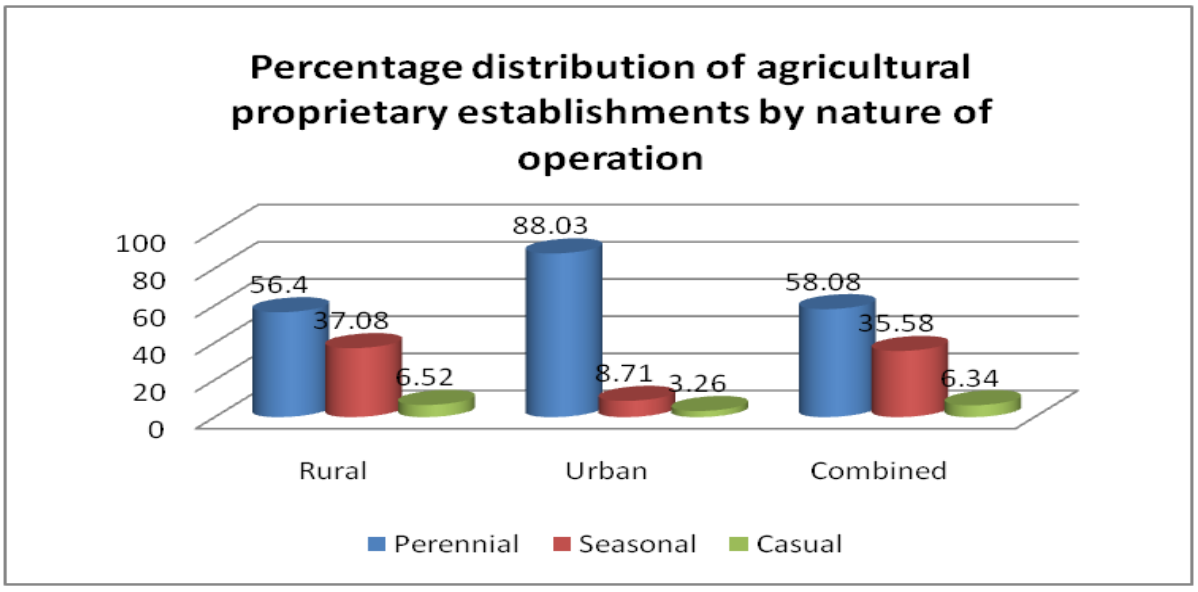
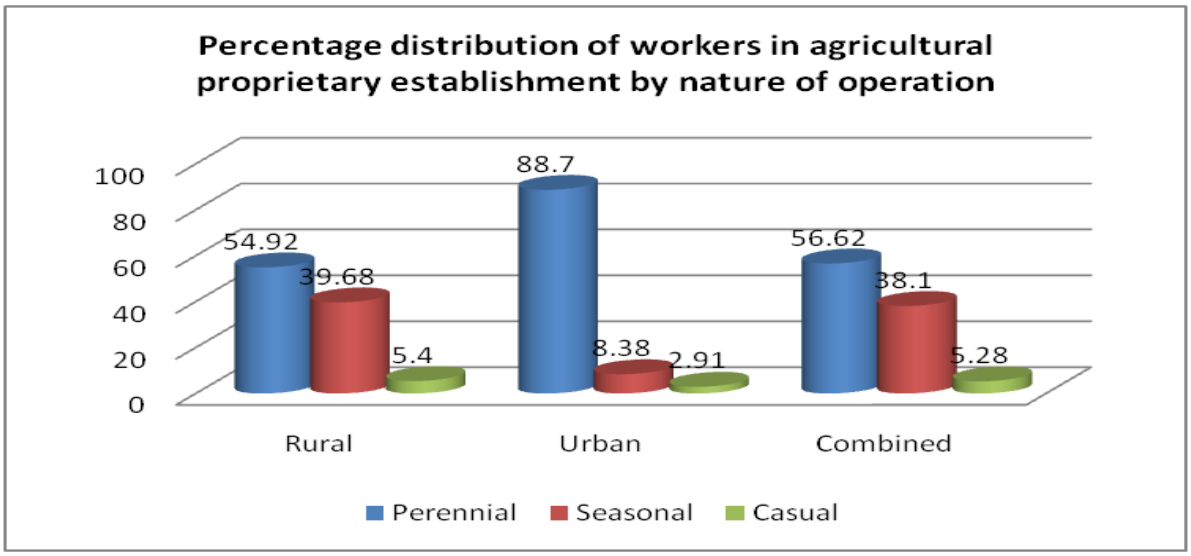


Figure: 3.8



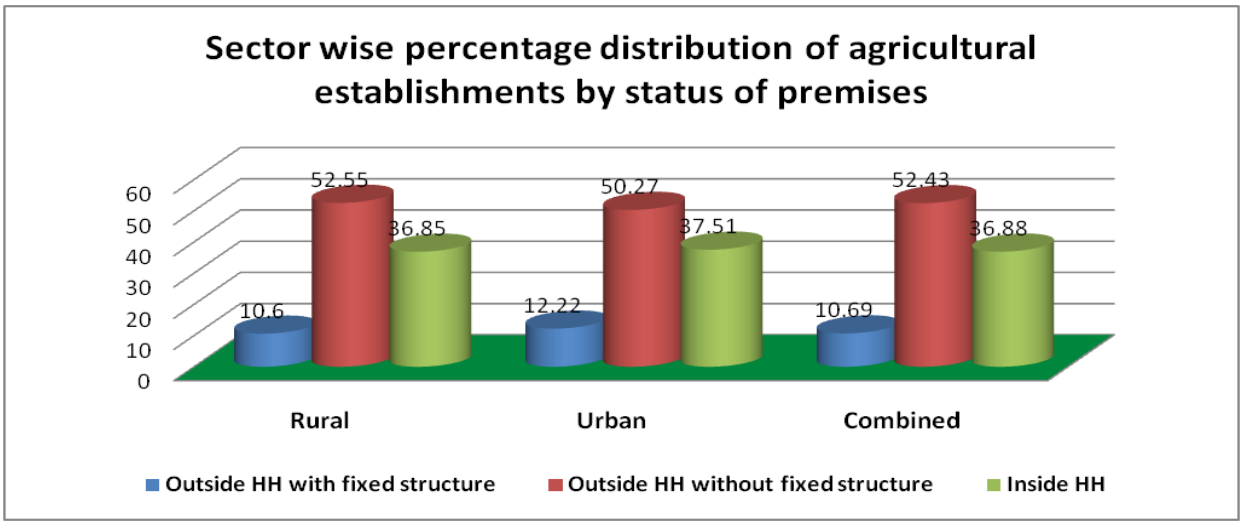
3.11: AGRICULTURAL ESTABLISHMENTS BY STATUS OF PREMISES

There are 3.76 lakh of agricultural establishments in Odisha. According to the status of premises for operation, the agricultural establishments are classified in to three categories such as outside household with fixed structure, outside household without fixed structure and inside household. The distribution of agricultural establishments by nature of status of premises for operation is given in **Table 3.11 and figure 39.**

It has been observed that among the agricultural establishments 0.40 lakhs (10.69%) were operating outside the household with fixed structure, 1.97 lakhs (52.43%) were operating outside the household without fixed structure and 1.39 lakhs (36.88%) were operating inside the household. In rural area 0.38 lakhs (10.60%) were operating outside the household with fixed structure, 1.87 lakhs (52.55%) were operating outside the household without fixed structure and 1.31 lakhs (36.85%) were operating inside the household. Similarly, in urban area 0.02 lakhs (12.22%) were operating outside the household with fixed structure, 0.10 lakhs (50.27%) were operating outside the household without fixed structure and 0.08 lakhs (37.51%) were operating inside the household.

Table 3.11: Distribution of agricultural establishments by status of premises			
Premises status	Establishments		
	Rural	**Urban**	**Combined**
Outside HH with fixed structure	**37694**	**2445**	**40139**
	10.60	**12.22**	**10.69**
Outside HH without fixed structure	**186920**	**10067**	**196987**
	52.55	**50.27**	**52.43**
Inside HH	**131048**	**7512**	**138560**
	36.85	**37.51**	**36.88**
Total	**355662**	**20024**	**375686**
	100	**100**	**100**

Figure: 3.9



3.12 MAJOR SOURCE OF FINANCE FOR AGRICULTURAL ESTABLISHMENTS

The distribution of agricultural establishments by major source of finance is given in **Table 3.12 and figure 3.10.**

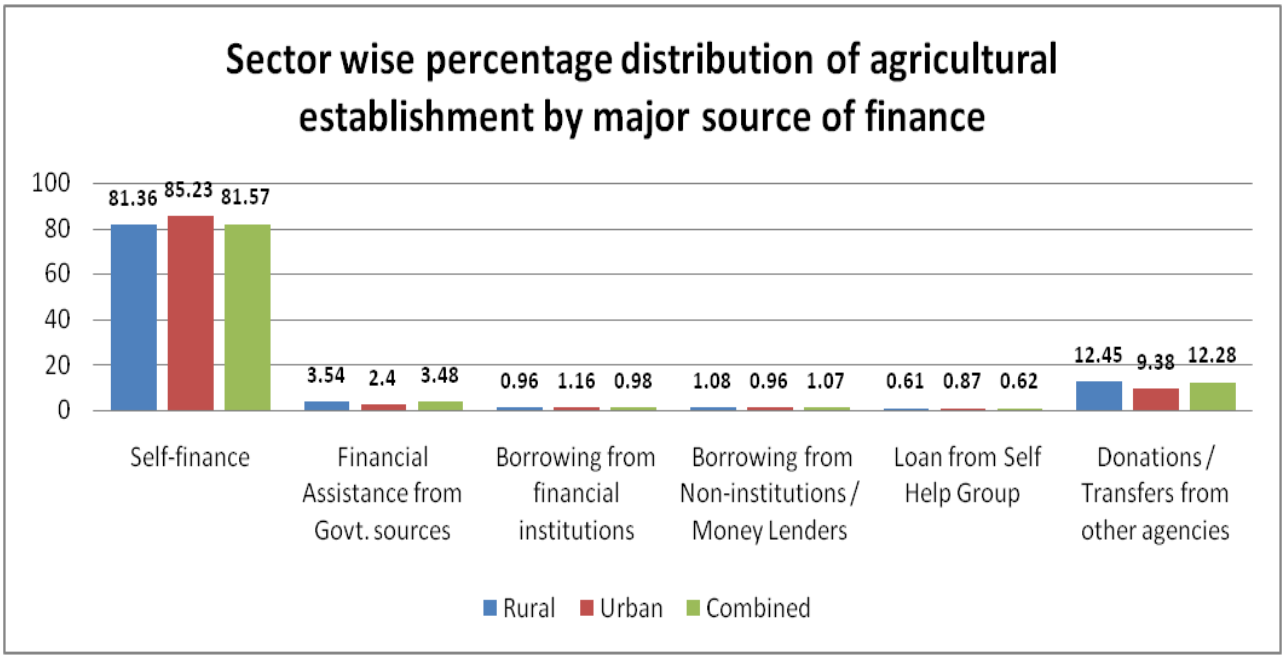
Out of a total of 3.76 lakhs agricultural establishments in Odisha self-financed 3.06 lakhs (81.57%), Financial Assistance from Govt. sources 0.13 lakhs (3.48%), borrowing from financial institutions 0.04 lakhs (0.98%), borrowing from Non-institutions /Money Lenders 0.04 lakhs (1.07%), Loan from Self Help Group 0.02 lakhs (0.62%) and Donations / Transfers from other agencies 0.46 lakhs (12.28%).

In rural area out of 3.56 lakhs agricultural establishments 2.89 lakhs (81.36%) were Self-financed followed by the source Donations / Transfers from other agencies 0.44 lakhs (12.45%). Similarly, in urban area out of 0.20 lakhs agricultural establishments 0.17 lakhs (85.23%) were Self-financed followed by the source Donations / Transfers from other agencies 0.02 lakhs (9.38%).

Table 3.12: Distribution of agricultural establishments by major source of finance.

Major Source of Finance	Rural		Urban		Combined	
Self-finance	289373	94.00	17066	6.00	306439	100
	81.36		85.23		81.57	
Financial Assistance from Govt. sources	12583	96.00	481	4.00	13064	100
	3.54		2.40		3.48	
Borrowing from financial institutions	3430	94.00	233	6.00	3663	100
	0.96		1.16		0.98	
Borrowing from Non-institutions / Money Lenders	3842	95.00	192	5.00	4034	100
	1.08		0.96		1.07	
Loan from Self Help Group	2166	93.00	173	7.00	2339	100
	0.61		0.87		0.62	
Donations / Transfers from other agencies	44268	96.00	1879	4.00	46147	100
	12.45		9.38		12.28	
TOTAL	**355662**	**95.00**	**20024**	**5.00**	**375686**	**100**
	100		**100**		**100**	

Figure: 3.10



3.13 AGRICULTURAL ESTABLISHMENTS BY SIZE CLASS OF EMPLOYMENT

Broad Activity wise distribution of agricultural establishments with size class of employment in Odisha is presented in **table 3.13** and the same for rural & urban areas are presented in **table 3.13 (A)** & **table 3.13 (B)** respectively.

It is observed that, out of 3.76 lakhs agricultural establishments more than 3.68 lakhs i.e. 98% were having workers in the size class of 1-5 and about 3.72 lakhs (99.02%) of total agricultural establishments have less than 10 workers. The representation of agricultural establishments having more than 10 workers in Odisha was less than 1%.

Table 3.13:Broad Activity wise distribution of Establishments with size class of Employment in Odisha

Broad activity code	Size Class of Employment										
	1-5	6-9	10-14	15-19	20-24	25-29	30-99	100-199	200-499	500 or More	All Classes
01 - Activities relating to agriculture other than crop production & plantation	8784	324	72	14	9	3	9	1	0	0	9216
02 - Livestock	126696	974	2003	375	40	1	18	3	1	0	130111
03 - Forestry and Logging	183461	2089	68	23	10	5	17	4	0	0	185677
04 - Fishing and aqua culture	49792	578	241	48	12	2	6	3	0	0	50682
Sub-total :	368733	3965	2384	460	71	11	50	11	1	0	375686

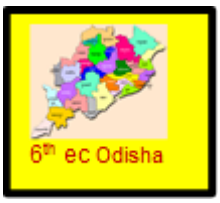
Table 3.13(A):Broad Activity wise distribution of Establishments with size class of Employment in rural Odisha

Broad activity code	Size Class of Employment										
	1-5	6-9	10-14	15-19	20-24	25-29	30-99	100-199	200-499	500 or More	All Classes
01 - Activities relating to agriculture other than crop production & plantation	8341	298	68	13	9	2	6	1	0	0	8738
02 - Livestock	118466	874	1991	372	37	1	15	3	1	0	121760
03 - Forestry and Logging	179951	2020	67	22	7	3	15	4	0	0	182089
04 - Fishing and aqua culture	42378	393	236	48	10	1	6	3	0	0	43075
Subtotal	349136	3585	2362	455	63	7	42	11	1	0	355662

Broad activity code	Table 3.13(B):Broad Activity wise distribution of Establishments with size class of Employment in Urban Odisha										
	Size Class of Employment										
	1-5	6-9	10-14	15-19	20-24	25-29	30-99	100-199	200-499	500 or More	All Classes
01 - Activities relating to agriculture other than crop production & plantation	443	26	4	1	0	1	3	0	0	0	478
02 - Livestock	8230	100	12	3	3	0	3	0	0	0	8351
03 - Forestry and Logging	3510	69	1	1	3	2	2	0	0	0	3588
04 - Fishing and aqua culture	7414	185	5	0	2	1	0	0	0	0	7607
Subtotal	19597	380	22	5	8	4	8	0	0	0	20024

In rural area out of 3.56 lakhs agricultural establishments more than 3.49 lakhs (98.17%) have employed 5 or less workers and 3.53 lakhs (99.17%) have employed 10 or less workers.

Similarly, in urban area out of 0.20 lakhs agricultural establishments more than 0.195 lakhs (97.86%) have employed or less workers and 1.99 lakhs (99.76%) have employed 10 or less workers.



INTER- DISTRICT ANALYSIS

This section of the chapter discusses district wise major findings on agricultural establishments in Odisha based on the result of the 6th economic census.

3.14.1 AGRICULTURAL ESTABLISHMENTS

Distribution of agricultural establishments in top ten districts of Odisha is shown in **table-3.14 (A)**

Table- 3.14 (A): Percentage share wise top Ten Districts in agricultural establishments

Rural				Urban			
Name of the District	**No of agrl. Estt.**	**% share**	**Rank**	**Name of the District**	**No of agrl. Estt.**	**% share**	**Rank**
Balangir	36214	10.18	1	**Ganjam**	3713	18.54	1
Kandhamal	28554	8.03	2	**Puri**	2204	11.01	2
Kendrapara	22095	6.21	3	**Sundargarh**	1642	8.20	3
Kendujhar	21334	6.00	4	**Kendrapara**	1369	6.84	4
Baudh	19004	5.34	5	**Anugul**	1208	6.03	5
Bargarh	18036	5.07	6	**Cuttack**	1151	5.75	6
Jajapur	17867	5.02	7	**Sambalpur**	933	4.66	7
Ganjam	17365	4.88	8	**Jajapur**	798	3.99	8
Jagatsinghapur	15590	4.38	9	**Rayagada**	743	3.71	9
Mayurbhanj	15308	4.30	10	**Khordha**	713	3.56	10
Sub-total	**211367**	**59.43**		**Sub-total**	**14474**	**72.28**	
Odisha	**355662**	**100**		**Odisha**	**20024**	**100**	

It is observed that, in rural area Balangir district have contributed the maximum share in agricultural establishments 10.18%, followed by Kandhamal 8.03% and Kendrapara 6.21%. The top ten districts in rural area contributing 59.43% i.e. more than half of the total agricultural establishments. Similarly, in urban area Ganjam district have contributed the maximum share in agricultural establishments 18.54%, followed by Puri 11.01% and Sundargarh 8.20%. The top ten districts in ubran area contributing 72.28% i.e. more than one third of the total agricultural establishments.

3.14.2 EMPLOYMENT IN AGRICULTURAL ESTABLISHMENTS

Distribution of persons engaged in agricultural establishments for top ten districts in Odisha is shown in **table- 3.14(B)**

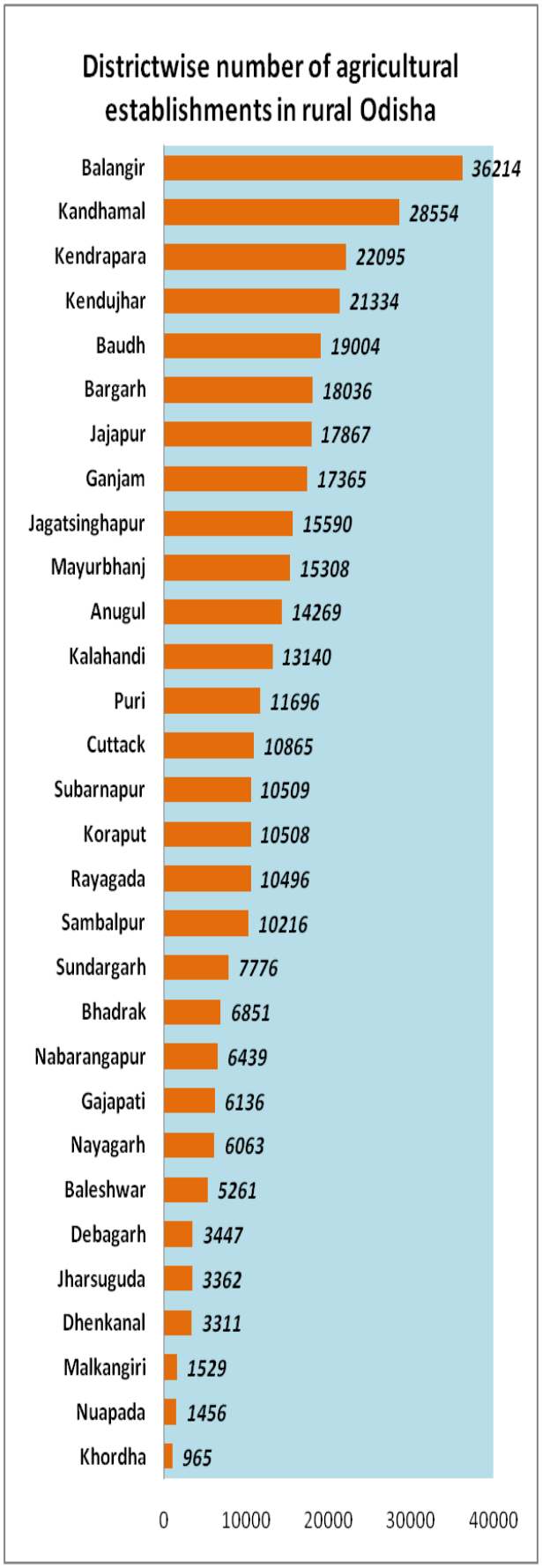
Table 3.14 (B): Distribution of persons engaged in agricultural establishments for top ten Districts in Odisha.

Rural				Urban			
Name of the District	**Agricultural Estt.**	**% share**	**Rank**	**Name of the District**	**Agricultural Estt.**	**% share**	**Rank**
Balangir	92060	13.71	1	**Ganjam**	6508	18.21	1
Kandhamal	47780	7.11	2	**Puri**	3754	10.50	2
Jajapur	41015	6.11	3	**Sundargarh**	3064	8.57	3
Kendujhar	35926	5.35	4	**Anugul**	1838	5.14	4
Bargarh	35561	5.30	5	**Sambalpur**	1828	5.12	5
Mayurbhanj	34413	5.12	6	**Jajapur**	1740	4.87	6
Kendrapara	32118	4.78	7	**Cuttack**	1739	4.87	7
Ganjam	30159	4.49	8	**Jagatsinghapur**	1632	4.57	8
Baudh	29015	4.32	9	**Kendrapara**	1606	4.49	9
Kalahandi	27044	4.03	10	**Khordha**	1570	4.39	10
Sub-total	**405091**	**60.32**		**Sub-total**	**25279**	**70.74**	
Odisha	**671591**	**100**		**Odisha**	**35736**	**100**	

It is observed that, in rural area the highest share of employment in agricultural establishments 13.71% belongs to Balangir district, followed by Kandhamal 7.11% and Jajapur 6.11%. The top ten districts in rural area contributing more than 60% of the total employment in agricultural establishments. Similarly, in urban area the highest share of employment in agricultural establishments 18.21% belongs to Ganjam district, followed by Puri 10.50% and Sundargarh 8.57%. The top ten districts in ubran area contributing more than 70% of the total employment in agricultural establishments.

Table 3.15 (A): District, sector & type of establishments' wise distribution of agricultural establishments in Odisha.

Name of the District	Number of Establishments								
	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total
Bargarh	17294	742	18036	182	42	224	17476	784	18260
Jharsuguda	3185	177	3362	160	93	253	3345	270	3615
Sambalpur	9329	887	10216	763	170	933	10092	1057	11149
Debagarh	2797	650	3447	32	3	35	2829	653	3482
Sundargarh	7395	381	7776	1518	124	1642	8913	505	9418
Kendujhar	20494	840	21334	645	56	701	21139	896	22035
Mayurbhanj	14809	499	15308	83	11	94	14892	510	15402
Baleshwar	4072	1189	5261	45	31	76	4117	1220	5337
Bhadrak	5782	1069	6851	256	108	364	6038	1177	7215
Kendrapara	21148	947	22095	1262	107	1369	22410	1054	23464
Jagatsinghapur	14488	1102	15590	464	206	670	14952	1308	16260
Cuttack	9968	897	10865	1051	100	1151	11019	997	12016
Jajapur	15707	2160	17867	519	279	798	16226	2439	18665
Dhenkanal	2715	596	3311	147	33	180	2862	629	3491
Anugul	13736	533	14269	1183	25	1208	14919	558	15477
Nayagarh	5915	148	6063	179	9	188	6094	157	6251
Khordha	854	111	965	531	182	713	1385	293	1678
Puri	10428	1268	11696	1994	210	2204	12422	1478	13900
Ganjam	15939	1426	17365	3332	381	3713	19271	1807	21078
Gajapati	6019	117	6136	321	12	333	6340	129	6469
Kandhamal	27861	693	28554	343	22	365	28204	715	28919
Baudh	18616	388	19004	69	0	69	18685	388	19073
Subarnapur	10317	192	10509	445	13	458	10762	205	10967
Balangir	35018	1196	36214	340	30	370	35358	1226	36584
Nuapada	1286	170	1456	28	13	41	1314	183	1497
Kalahandi	9960	3180	13140	468	135	603	10428	3315	13743
Rayagada	10352	144	10496	684	59	743	11036	203	11239
Nabarangapur	5995	444	6439	51	14	65	6046	458	6504
Koraput	9330	1178	10508	264	126	390	9594	1304	10898
Malkangiri	1480	49	1529	65	6	71	1545	55	1600
Odisha	**332289**	**23373**	**355662**	**17424**	**2600**	**20024**	**349713**	**25973**	**375686**


Districtwise number of agricultural establishments in rural Odisha
Balangir 36214
Kandhamal 28554
Kendrapara 22095
Kendujhar 21334
Baudh 19004
Bargarh 18036
Jajapur 17867
Ganjam 17365
Jagatsinghapur 15590
Mayurbhanj 15308
Anugul 14269
Kalahandi 13140
Puri 11696
Cuttack 10865
Subarnapur 10509
Koraput 10508
Rayagada 10496
Sambalpur 10216
Sundargarh 7776
Bhadrak 6851
Nabarangapur 6439
Gajapati 6136
Nayagarh 6063
Baleshwar 5261
Debagarh 3447
Jharsuguda 3362
Dhenkanal 3311
Malkangiri 1529
Nuapada 1456
Khordha 965
0 10000 20000 30000 40000

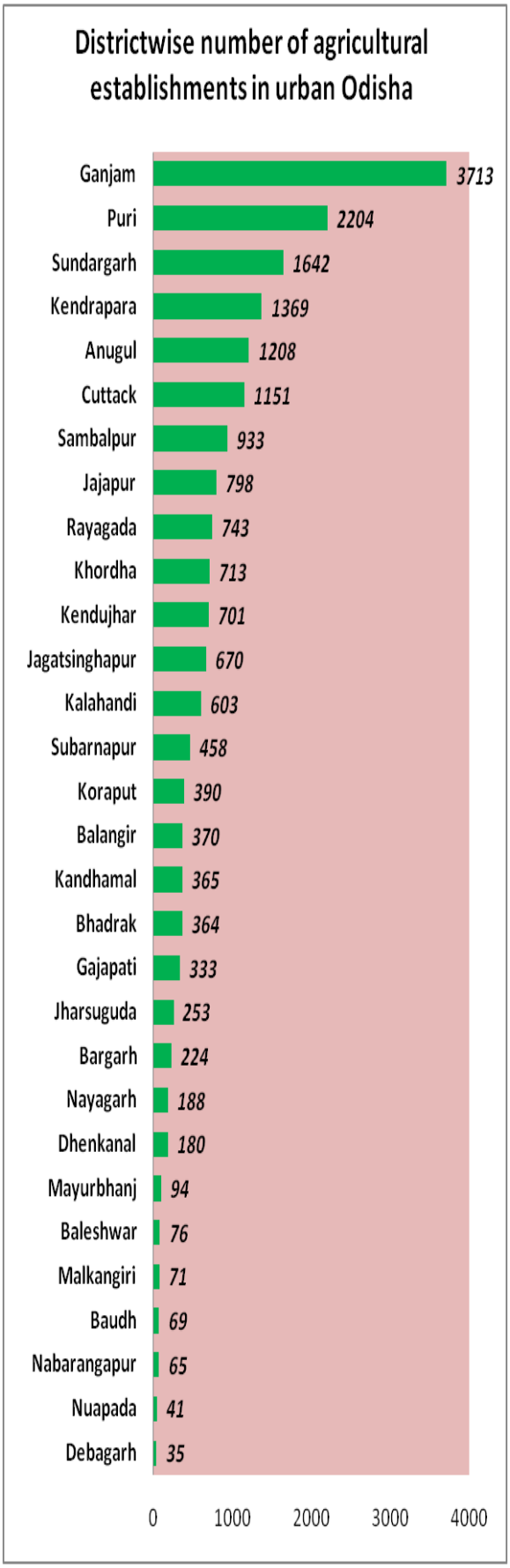
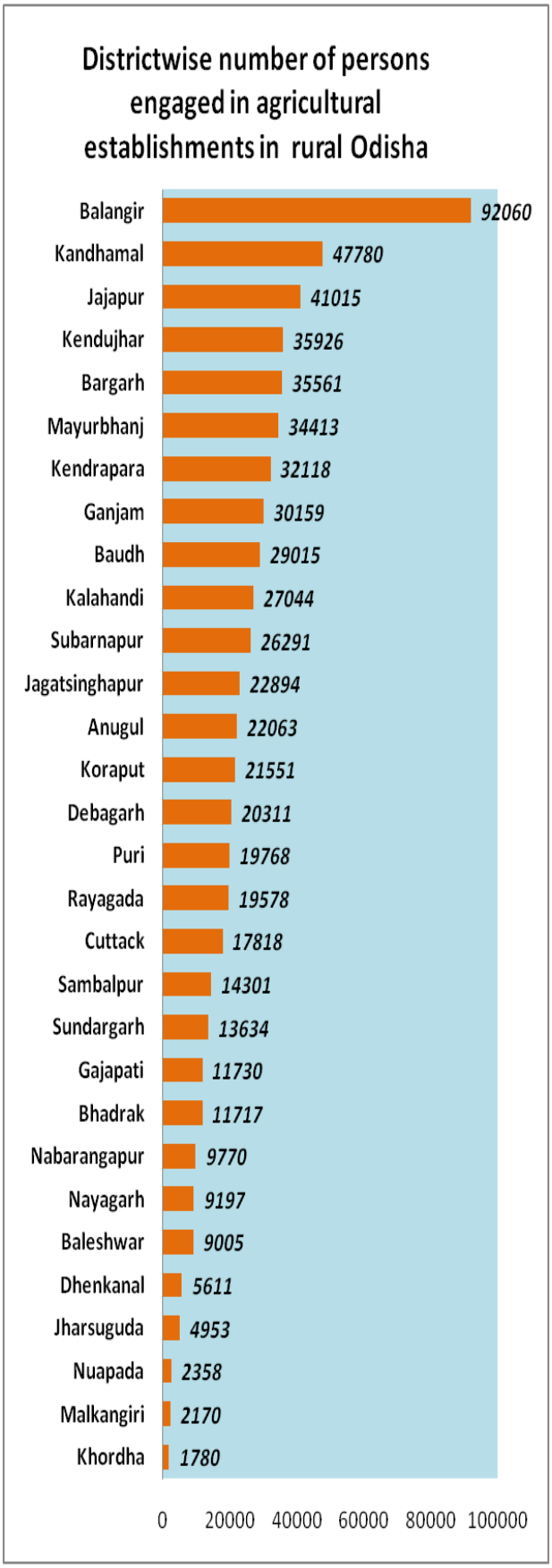

Districtwise number of agricultural establishments in urban Odisha
Ganjam 3713
Puri 2204
Sundargarh 1642
Kendrapara 1369
Anugul 1208
Cuttack 1151
Sambalpur 933
Jajapur 798
Rayagada 743
Khordha 713
Kendujhar 701
Jagatsinghapur 670
Kalahandi 603
Subarnapur 458
Koraput 390
Balangir 370
Kandhamal 365
Bhadrak 364
Gajapati 333
Jharsuguda 253
Bargarh 224
Nayagarh 188
Dhenkanal 180
Mayurbhanj 94
Baleshwar 76
Malkangiri 71
Baudh 69
Nabarangapur 65
Nuapada 41
Debagarh 35
0 1000 2000 3000 4000

Table 3.15 (B): Percentage distribution of agricultural establishments by district, sector & type of establishments.

Name of the District	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without Hired Worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total
Bargarh	5.20	3.17	5.07	1.04	1.62	1.12	5.00	3.02	4.86
Jharsuguda	0.96	0.76	0.95	0.92	3.58	1.26	0.96	1.04	0.96
Sambalpur	2.81	3.79	2.87	4.38	6.54	4.66	2.89	4.07	2.97
Debagarh	0.84	2.78	0.97	0.18	0.12	0.18	0.81	2.51	0.93
Sundargarh	2.23	1.63	2.19	8.71	4.77	8.20	2.55	1.94	2.51
Kendujhar	6.17	3.59	6.00	3.70	2.15	3.50	6.04	3.45	5.86
Mayurbhanj	4.46	2.13	4.30	0.48	0.42	0.47	4.26	1.96	4.10
Baleshwar	1.23	5.09	1.48	0.27	1.19	0.38	1.18	4.70	1.42
Bhadrak	1.74	4.57	1.93	1.47	4.15	1.82	1.73	4.53	1.92
Kendrapara	6.36	4.05	6.21	7.24	4.12	6.84	6.41	4.06	6.25
Jagatsinghapur	4.36	4.71	4.38	2.66	7.92	3.35	4.28	5.04	4.33
Cuttack	3.00	3.84	3.05	6.03	3.85	5.75	3.15	3.84	3.20
Jajapur	4.73	9.24	5.02	2.98	10.73	3.99	4.64	9.39	4.97
Dhenkanal	0.82	2.55	0.93	0.84	1.27	0.90	0.82	2.42	0.93
Anugul	4.13	2.28	4.01	6.79	0.96	6.03	4.27	2.15	4.12
Nayagarh	1.78	0.63	1.70	1.03	0.35	0.94	1.74	0.60	1.66
Khordha	0.26	0.48	0.28	3.05	7.00	3.56	0.40	1.13	0.45
Puri	3.14	5.43	3.29	11.44	8.08	11.01	3.55	5.69	3.70
Ganjam	4.80	6.10	4.88	19.12	14.64	18.54	5.51	6.96	5.61
Gajapati	1.81	0.50	1.73	1.84	0.46	1.66	1.81	0.51	1.72
Kandhamal	8.37	2.96	8.03	1.97	0.85	1.82	8.05	2.75	7.69
Baudh	5.60	1.66	5.34	0.40	0.00	0.34	5.34	1.49	5.08
Subarnapur	3.10	0.82	2.95	2.55	0.50	2.29	3.08	0.79	2.92
Balangir	10.53	5.12	10.18	1.95	1.15	1.85	10.10	4.72	9.73
Nuapada	0.39	0.73	0.42	0.16	0.50	0.20	0.38	0.70	0.40
Kalahandi	3.00	13.61	3.69	2.69	5.19	3.01	2.98	12.76	3.66
Rayagada	3.12	0.62	2.95	3.93	2.27	3.71	3.16	0.78	2.99
Nabarangapur	1.80	1.90	1.81	0.29	0.54	0.32	1.73	1.76	1.73
Koraput	2.81	5.04	2.95	1.52	4.85	1.95	2.74	5.02	2.90
Malkangiri	0.45	0.22	0.44	0.37	0.23	0.35	0.44	0.22	0.43
All Odisha	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Table 3.16 (A): District wise total number of persons engaged in agricultural establishments by sector & type of establishments.

Name of the District	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without Hired Worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total
01 - Bargarh	33655	1906	35561	259	121	380	33914	2027	35941
02 - Jharsuguda	4332	621	4953	198	387	585	4530	1008	5538
03 - Sambalpur	11781	2520	14301	1244	584	1828	13025	3104	16129
04 - Debagarh	13728	6583	20311	73	6	79	13801	6589	20390
05 - Sundargarh	12326	1308	13634	2580	484	3064	14906	1792	16698
06 - Kendujhar	33371	2555	35926	1174	186	1360	34545	2741	37286
07 - Mayurbhanj	32527	1886	34413	115	37	152	32642	1923	34565
08 - Baleshwar	5591	3414	9005	50	162	212	5641	3576	9217
09 - Bhadrak	8162	3555	11717	337	408	745	8499	3963	12462
10 - Kendrapara	29148	2970	32118	1355	251	1606	30503	3221	33724
11 - Jagatsinghapur	19398	3496	22894	564	1068	1632	19962	4564	24526
12 - Cuttack	15084	2734	17818	1362	377	1739	16446	3111	19557
13 - Jajapur	33550	7465	41015	899	841	1740	34449	8306	42755
14 - Dhenkanal	3526	2085	5611	190	146	336	3716	2231	5947
15 - Anugul	20646	1417	22063	1772	66	1838	22418	1483	23901
16 - Nayagarh	8482	715	9197	261	28	289	8743	743	9486
17 - Khordha	1210	570	1780	833	737	1570	2043	1307	3350
18 - Puri	15812	3956	19768	2929	825	3754	18741	4781	23522
19 - Ganjam	25711	4448	30159	5237	1271	6508	30948	5719	36667
20 - Gajapati	11443	287	11730	469	36	505	11912	323	12235
21 - Kandhamal	45873	1907	47780	448	76	524	46321	1983	48304
22 - Baudh	27772	1243	29015	71	0	71	27843	1243	29086
23 - Subarnapur	25777	514	26291	757	40	797	26534	554	27088
24 - Balangir	88713	3347	92060	591	142	733	89304	3489	92793
25 - Nuapada	1889	469	2358	32	53	85	1921	522	2443
26 - Kalahandi	17152	9892	27044	629	374	1003	17781	10266	28047
27 - Rayagada	19029	549	19578	1370	182	1552	20399	731	21130
28 - Nabarangapur	8274	1496	9770	64	64	128	8338	1560	9898
29 - Koraput	17917	3634	21551	392	444	836	18309	4078	22387
30 - Malkangiri	2058	112	2170	72	13	85	2130	125	2255
All Odisha	**593937**	**77654**	**671591**	**26327**	**9409**	**35736**	**620264**	**87063**	**707327**


Districtwise number of persons engaged in agricultural establishments in rural Odisha
Balangir 92060
Kandhamal 47780
Jajapur 41015
Kendujhar 35926
Bargarh 35561
Mayurbhanj 34413
Kendrapara 32118
Ganjam 30159
Baudh 29015
Kalahandi 27044
Subarnapur 26291
Jagatsinghapur 22894
Anugul 22063
Koraput 21551
Debagarh 20311
Puri 19768
Rayagada 19578
Cuttack 17818
Sambalpur 14301
Sundargarh 13634
Gajapati 11730
Bhadrak 11717
Nabarangapur 9770
Nayagarh 9197
Baleshwar 9005
Dhenkanal 5611
Jharsuguda 4953
Nuapada 2358
Malkangiri 2170
Khordha 1780
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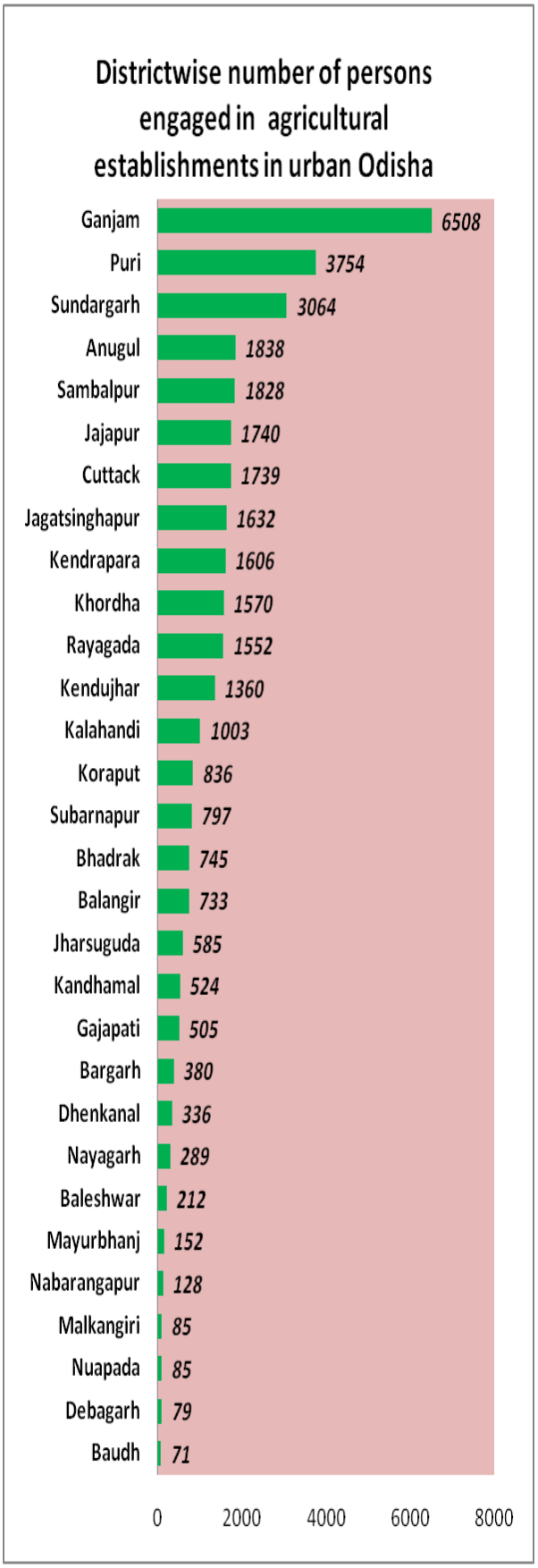

Districtwise number of persons engaged in agricultural establishments in urban Odisha
Ganjam 6508
Puri 3754
Sundargarh 3064
Anugul 1838
Sambalpur 1828
Jajapur 1740
Cuttack 1739
Jagatsinghapur 1632
Kendrapara 1606
Khordha 1570
Rayagada 1552
Kendujhar 1360
Kalahandi 1003
Koraput 836
Subarnapur 797
Bhadrak 745
Balangir 733
Jharsuguda 585
Kandhamal 524
Gajapati 505
Bargarh 380
Dhenkanal 336
Nayagarh 289
Baleshwar 212
Mayurbhanj 152
Nabarangapur 128
Malkangiri 85
Nuapada 85
Debagarh 79
Baudh 71
0 2000 4000 6000 8000

Table 3.16 (B): Percentage distribution of total number of persons engaged in agricultural establishments by district, sector & type of establishments.

Name of the District	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total
01 - Bargarh	5.67	2.45	5.30	0.98	1.29	1.06	5.47	2.33	5.08
02 - Jharsuguda	0.73	0.80	0.74	0.75	4.11	1.64	0.73	1.16	0.78
03 - Sambalpur	1.98	3.25	2.13	4.73	6.21	5.12	2.10	3.57	2.28
04 - Debagarh	2.31	8.48	3.02	0.28	0.06	0.22	2.23	7.57	2.88
05 - Sundargarh	2.08	1.68	2.03	9.80	5.14	8.57	2.40	2.06	2.36
06 - Kendujhar	5.62	3.29	5.35	4.46	1.98	3.81	5.57	3.15	5.27
07 - Mayurbhanj	5.48	2.43	5.12	0.44	0.39	0.43	5.26	2.21	4.89
08 - Baleshwar	0.94	4.40	1.34	0.19	1.72	0.59	0.91	4.11	1.30
09 - Bhadrak	1.37	4.58	1.74	1.28	4.34	2.08	1.37	4.55	1.76
10 - Kendrapara	4.91	3.82	4.78	5.15	2.67	4.49	4.92	3.70	4.77
11 - Jagatsinghapur	3.27	4.50	3.41	2.14	11.35	4.57	3.22	5.24	3.47
12 - Cuttack	2.54	3.52	2.65	5.17	4.01	4.87	2.65	3.57	2.76
13 - Jajapur	5.65	9.61	6.11	3.41	8.94	4.87	5.55	9.54	6.04
14 - Dhenkanal	0.59	2.68	0.84	0.72	1.55	0.94	0.60	2.56	0.84
15 - Anugul	3.48	1.82	3.29	6.73	0.70	5.14	3.61	1.70	3.38
16 - Nayagarh	1.43	0.92	1.37	0.99	0.30	0.81	1.41	0.85	1.34
17 - Khordha	0.20	0.73	0.27	3.16	7.83	4.39	0.33	1.50	0.47
18 - Puri	2.66	5.09	2.94	11.13	8.77	10.50	3.02	5.49	3.33
19 - Ganjam	4.33	5.73	4.49	19.89	13.51	18.21	4.99	6.57	5.18
20 - Gajapati	1.93	0.38	1.75	1.78	0.38	1.41	1.92	0.37	1.73
21 - Kandhamal	7.72	2.46	7.11	1.70	0.81	1.47	7.47	2.28	6.83
22 - Baudh	4.68	1.60	4.32	0.27	0.00	0.20	4.49	1.43	4.11
23 - Subarnapur	4.34	0.66	3.91	2.88	0.43	2.23	4.28	0.64	3.83
24 - Balangir	14.94	4.31	13.71	2.24	1.51	2.05	14.40	4.01	13.12
25 - Nuapada	0.32	0.60	0.35	0.13	0.56	0.24	0.31	0.60	0.35
26 - Kalahandi	2.89	12.74	4.03	2.39	3.97	2.81	2.87	11.79	3.97
27 - Rayagada	3.20	0.71	2.92	5.20	1.93	4.34	3.29	0.84	2.99
28 - Nabarangapur	1.39	1.93	1.45	0.24	0.68	0.36	1.34	1.79	1.40
29 - Koraput	3.02	4.68	3.21	1.49	4.72	2.34	2.95	4.68	3.17
30 - Malkangiri	0.35	0.15	0.32	0.28	0.14	0.24	0.34	0.14	0.32
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

CHAPTER IV
NON-AGRICULTURAL ESTABLISHMENTS

4.1 Coverage

A non-agricultural establishment for the purpose of Sixth Economic Census is defined as an establishment which is engaged in the activities other than agriculture, in other words which is engaged in Mining and quarrying; Manufacturing (including repair & installation of machinery and equipment); Electricity, gas, steam and air conditioning supply; Water supply, sewerage, waste management and remediation activities; Construction; Wholesale trade, Retail trade & repair of motor vehicles and motorcycles; Other wholesale trade; Other retail trade; Transport and storage (including postal and courier activities); Accommodation and food service activities; Information and communication (including computer programming, consultancy and related services); Financial and insurance activities; Real estate activities; Professional, scientific and technical activities (including advertisement, market research and veterinary activities); Administrative and support service activities (including travel agency, employment activities, security services, activities of call centers and organization of conventions and trade shows); Education; Human health and social work activity (including residential and non-residential care centres); Arts, entertainment, sports and amusement and recreation (excluding illegal gambling and betting activities), Other service activities not elsewhere classified (including membership organization, repair of computers and personnel household goods).

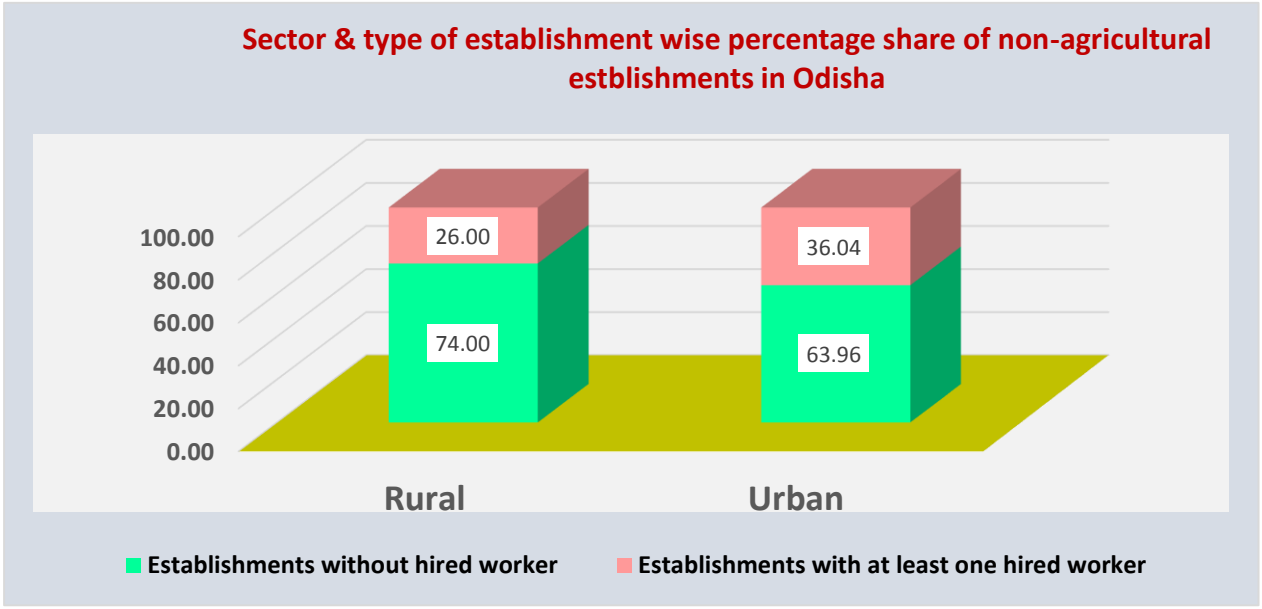
4.2 NON-AGRICULTURAL ESTABLISHMENTS

The distribution of non-agricultural establishments and employment therein by types of establishments with rural-urban break up is given in **Table 4.1** and **Figure 4.1.**

There were 17.13 lakh non-agricultural establishments (12.50 lakhs in rural areas and 4.63 lakhs in urban areas), which accounted for 82.01% of the total establishments in Odisha. Out of the total non-agricultural establishments, 12.21 lakhs (71.28%) were establishments without hired worker (OAE) and the remaining 4.92 lakhs (28.72%) were establishments with at least one hired worker.

Table 4.1: Number of non-agricultural establishments and employment in - Odisha (Figures in absolute number)						
Sl No	Item	Rural		Urban		Combined
		Number	Percentage	Number	Percentage	Number
	Establishments without hired worker(OAE)					
1	a)Establishments	925042	75.75	296208	24.25	1221250
	b) Employment					
	i) Total	1418774	79.39	368368	20.61	1787142
		1.53		1.24		1.46
	ii) Female	553797	86.60	85682	13.40	639479
2	Establishments with at least one hired worker					
	a)Establishments	325039	66.07	166930	33.93	491969
	b) Employment					
	i) Total	1104080	60.54	719498	39.46	1823578
		3.40		4.31		3.71
	ii) Female	238117	69.69	103545	30.31	341662
3	All Establishments					
	a)Establishments	1250081	72.97	463138	27.03	1713219
	b) Employment					
	i) Total	2522854	69.87	1087866	30.13	3610720
		2.02		2.35		2.11
	ii) Female	791914	80.71	189227	19.29	981141

Figure 4.1



Out of 12.50 lakh non-agricultural establishments located in rural areas, 9.25 lakhs were own account establishments and remaining 3.25 lakhs were establishments with at least one hired worker. Similarly out of 4.60 lakh non-agricultural establishments in the urban area, 2.96 lakhs were own account establishments and the remaining 1.66 lakhs were establishments with at least one hired worker.

Out of the total 12.21 lakh own account non-agricultural establishments in Odisha 9.25 lakhs i.e. 75.75 % were located in rural areas and the remaining 2.96 lakh i.e. 24.25% located in the urban areas. Similarly out of a total of 4.92 lakh non-agricultural establishments with at least one hired worker, 3.25 lakh i.e. 66.07% were located in rural areas and the remaining 1.67 lakh (33.93%) were located in the urban areas.

- ***Non-agricultural establishments accounted for 82.01% of the total establishments in Odisha.***
- ***Out of total non-agricultural establishments in Odisha, 72.97% were located in rural area & 27.03% were located in urban area.***

4.3 EMPLOYMENT IN NON-AGRICULTURAL ESTABLISHMENTS

In Odisha, 36.11 lakhs employment has been generated through non-agricultural establishments which accounts 83.62% of the total employments. Out of the total employment in non-agricultural establishments 25.23 lakhs (69.87%) persons were employed in rural area and 10.88 lakhs (30.13%) persons were employed in urban area. Further out of the total employment in agricultural establishments 17.87 lakh (49.50%) persons were employed in own account establishments (OAE) and 18.24 lakhs (50.50%) were employed in establishments with at least one hired worker.

4.4 NON-AGRICULTURAL ESTABLISHMENTS BY MAJOR ACTIVITY GROUPS

The non-agricultural establishments were distributed in 19 number of Broad Activity Categories/Codes (BAC) by type of establishments along with sector and presented in **Table-4.2.**

Table 4.2: Total No. of establishments by Broad activity Code, sector and type of establishment in Odisha.

Broad activity code	Number of Establishments								
	Sector								
	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total
05 - Mining and quarrying	1693	995	2688	261	285	546	1954	1280	3234
	0.18	0.31	0.22	0.09	0.17	0.12	0.16	0.26	0.19
06 - Manufacturing	278002	49014	327016	40034	21656	61690	318036	70670	388706
	30.05	15.08	26.16	13.52	12.97	13.32	26.04	14.36	22.69
07 - Electricity, gas, steam and air conditioning supply	240	694	934	188	572	760	428	1266	1694
	0.03	0.21	0.07	0.06	0.34	0.16	0.04	0.26	0.10
08 - Water supply, sewerage, waste management and remediation activities	1330	3132	4462	460	790	1250	1790	3922	5712
	0.14	0.96	0.36	0.16	0.47	0.27	0.15	0.80	0.33
09 - Construction	18283	7113	25396	6166	4307	10473	24449	11420	35869
	1.98	2.19	2.03	2.08	2.58	2.26	2.00	2.32	2.09
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	7687	5017	12704	5894	10110	16004	13581	15127	28708
	0.83	1.54	1.02	1.99	6.06	3.46	1.11	3.07	1.68
11 - Whole sale trade (not covered in item-10 above)	9514	3037	12551	2852	4112	6964	12366	7149	19515
	1.03	0.93	1.00	0.96	2.46	1.50	1.01	1.45	1.14
12 - Retail trade (not covered in item-10 above)	396521	59824	456345	147775	55311	203086	544296	115135	659431
	42.87	18.41	36.51	49.89	33.13	43.85	44.57	23.4	38.49
13 - Transportation and storage	21417	18965	40382	13499	7650	21149	34916	26615	61531
	2.32	5.83	3.23	4.56	4.58	4.57	2.86	5.41	3.59
14 - Accommodation and and Food service activities	34351	16032	50383	20861	14210	35071	55212	30242	85454
	3.71	4.93	4.03	7.04	8.51	7.57	4.52	6.15	4.99
15 - Information & communication	2789	2454	5243	2435	2349	4784	5224	4803	10027
	0.30	0.75	0.42	0.82	1.41	1.03	0.43	0.98	0.59
16 - Financial and insurance activities	22945	5507	28452	4046	3846	7892	26991	9353	36344
	2.48	1.69	2.28	1.37	2.30	1.70	2.21	1.90	2.12
17 - Real estate activities	925	262	1187	3034	459	3493	3959	721	4680
	0.10	0.08	0.09	1.02	0.27	0.75	0.32	0.15	0.27
18 - Professional, scientific & technical activities	6338	2971	9309	5408	2622	8030	11746	5593	17339
	0.69	0.91	0.74	1.83	1.57	1.73	0.96	1.14	1.01
19 - Administrative and support service activities	6612	5320	11932	5973	3992	9965	12585	9312	21897
	0.71	1.64	0.95	2.02	2.39	2.15	1.03	1.89	1.28
20 - Education	6921	72441	79362	3403	9650	13053	10324	82091	92415
	0.75	22.29	6.35	1.15	5.78	2.82	0.85	16.69	5.39
21 - Human health & social work activities	10398	12801	23199	3646	5652	9298	14044	18453	32497
	1.12	3.94	1.86	1.23	3.39	2.01	1.15	3.75	1.90
22 - Arts entertainment, sports & amusement and recreation	6644	3599	10243	1679	1496	3175	8323	5095	13418
	0.72	1.11	0.82	0.57	0.90	0.69	0.68	1.04	0.78
23 - Other service activities not elsewhere classified	92432	55861	148293	28594	17861	46455	121026	73722	194748
	9.99	17.19	11.86	9.65	10.70	10.03	9.91	14.99	11.37
Total Non-Agricultural Activities	925042	325039	1250081	296208	166930	463138	1221250	491969	1713219
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Out of 17.10 lakh non-agricultural establishments in Odisha, the highest 6.59 lakh (38.49%) establishments engaged under retail trade broad activity categories followed by 3.89 lakhs (22.69) engaged under manufacturing category. The two broad activity categories retail trade and manufacturing jointly sharing more than 61% of the total non-agricultural establishments.

4.4.1 NON-AGRICULTURAL ESTABLISHMENTS WITHOUT HIRED WORKER (OAE) BY MAJOR ACTIVITY GROUPS.

There were 12.21 lakh non-agricultural establishments without hired workers i.e. own account establishments (OAE) under non-agriculture in Odisha. Out of the non-agricultural own account establishments (OAE) the highest share 5.44 lakh (44.57%) belongs to retail trade broad activity category followed by 3.18 lakh (26.04%) belongs to manufacturing category. In rural area out of 9.25 lakhs own account establishments (OAE) non-agricultural establishments the highest 3.97 lakh (42.87%) belongs to retail trade broad activity category followed by 2.78 lakh (30.05%) belongs to manufacturing category. This indicates in rural area more than 72% of the total OAEs belongs to retail trade and manufacturing broad activity categories.

Similarly, in urban area out of 2.96 lakhs own account establishments (OAE) non-agricultural establishments the highest 1.47 lakhs (49.89%) belongs to retail trade broad activity category followed by 0.40 lakhs (13.52 %) belongs to manufacturing category. This indicates in urban area more than 73 % of the total OAEs belongs to retail trade and manufacturing broad activity categories.

4.4.2 NON-AGRICULTURAL ESTABLISHMENTS WITH AT LEAST ONE HIRED WORKER BY MAJOR ACTIVITY GROUPS.

There were 4.92 lakh non-agricultural establishments with at least one hired worker in Odisha, out of which the highest 1.15 lakh (23.40%) belongs to retail trade broad activity category followed by 0.82 lakh (16.69%) belongs to education category. In rural area out of 3.25 lakhs non-agricultural establishments with at least one hired worker the highest 0.72 lakhs (22.29 %) belongs to education broad activity category followed by 0.60 lakhs (18.41%) belongs to retail trade category. This indicates in rural area more than 40 % of the total non-agricultural establishments with at least one hired worker belongs to education and retail trade categories.

Similarly, in urban area out of 1.67 lakhs non-agricultural establishments with at least one hired worker the highest 0.55 lakhs (33.13%) belongs to retail trade broad activity

category followed by 0.22 lakhs (12.97%) belongs to manufacturing category. This indicates in urban area more than 46 % of the total non-agricultural establishments with at least one hired worker belongs to retail trade and manufacturing broad activity categories.

4.5 EMPLOYMENT IN NON-AGRICULTURAL ESTABLISHMENTS BY MAJOR ACTIVITY GROUPS

The employment in non-agricultural establishments were distributed in 19 number of Broad Activity Categories/Codes (BAC) by type of establishments along with sector and presented in **Table- 4.3**.

The survey reveals that 36.11 lakhs employment has been generated through non-agricultural establishments, which is 83.62% of the total employment created in Odisha. The agricultural employment opportunity created in rural area and urban area were 69.87% and 30.13% respectively.

Out of 36.11 lakh persons engaged in non-agricultural establishments the highest 9.75 lakhs (27.00%) engaged under retail trade broad activity categories followed by 8.59 lakhs (23.79%) engaged under manufacturing category. Among the four broad activity categories to retail trade and manufacturing jointly sharing more than 50 % of the total employment in agricultural establishments.

4.5.1 EMPLOYMENT IN NON-AGRICULTURAL ESTABLISHMENTS WITHOUT HIRED WORKER (OAE) BY MAJOR ACTIVITY GROUPS.

There were 17.87 lakh persons engaged in non-agricultural establishments without hired workers i.e. own account establishments (OAE) under non-agriculture in Odisha, out of which the highest 6.48 lakhs (36.24%) persons belongs to retail trade broad activity category followed by 5.28 lakh (29.54%%) persons belongs to manufacturing category. In rural area out of 14.19 lakhs persons engaged in own account establishments (OAE) non-agricultural establishments the highest 4.75 lakh (33.48%) persons belongs to retail trade broad activity category followed by 4.68 lakh (32.99)% persons belongs to manufacturing category. This indicates in rural area more than 66% of the total persons engaged in establishments without hired workers belongs to retail trade and manufacturing broad activity categories.

Similarly, in urban area out of 3.68 lakhs persons engaged in own account (OAE) non-agricultural establishments, out of which the highest 1.73 lakhs (46.88%) persons belongs to retail trade broad activity category followed by 0.60 lakhs (16.25%) belongs to manufacturing category. This indicates in urban area more than 63% of the total persons engaged in

establishments without hired workers belongs to retail trade and manufacturing broad activity categories.

4.5.2 EMPLOYMENT IN NON-AGRICULTURAL ESTABLISHMENTS WITH AT LEAST ONE HIRED WORKER BY MAJOR ACTIVITY GROUPS

There were 18.24 lakhs persons engaged in non-agricultural establishments with at least one hired worker, out of which the highest 4.20 lakhs (23.02%) persons belongs to education broad activity category followed by 3.31 lakhs (18.16%) persons belongs to manufacturing category. In rural area out of 11.04 lakhs persons engaged in non-agricultural establishments with at least one hired worker, the highest 3.34 lakhs (30.29%) persons belongs to education broad activity category followed by 2.24 lakhs (20.25%) persons belongs to manufacturing category. This indicates in rural area more than 50% of the total persons engaged in establishments without hired workers belongs to education and manufacturing retail trade and manufacturing broad activity categories.

Similarly, in urban area out of 7.19 lakhs persons engaged in non-agricultural establishments, the highest 1.07 lakhs (23.26%) persons belongs to retail trade broad activity category followed by 1.07 lakhs (14.94%) belongs to manufacturing category and 0.85 lakhs (11.87%) belongs to education category. This indicates in urban area more than 50% of the total persons engaged in establishments with at least one hired worker belongs to retail trade, manufacturing and education broad activity categories.

Table 4.3:- Broad Activity wise total number of persons employed by sector and type of establishment in Odisha

Broad activity code	Broad Activity wise total number of persons employed by sector and type of establishment in Odisha								
	Sector								
	Rural			Urban			Combined		
	Without hired worker	With hired worker	Total	Without hired worker	With hired worker	Total	Without hired worker	With hired worker	Total
05 - Mining and quarrying	3051	12012	15063	285	6103	6388	3336	18115	21451
	0.22	1.09	0.60	0.08	0.85	0.59	0.19	0.99	0.59
06 - Manufacturing	468092	223617	691709	59866	107494	167360	527958	331111	859069
	32.99	20.25	27.42	16.25	14.94	15.38	29.54	18.16	23.79
07 - Electricity, gas, steam and air conditioning supply	327	5391	5718	204	7079	7283	531	12470	13001
	0.02	0.49	0.23	0.06	0.98	0.67	0.03	0.68	0.36
08 - Water supply, sewerage, waste management and remediation activities	1475	5793	7268	513	3561	4074	1988	9354	11342
	0.10	0.52	0.29	0.14	0.49	0.37	0.11	0.51	0.31
09 - Construction	20629	29105	49734	6774	20946	27720	27403	50051	77454
	1.45	2.64	1.97	1.84	2.91	2.55	1.53	2.74	2.15
10- Wholesale trade, retail trade & repair of motor vehicles & motor cycles	8711	16297	25008	6918	37315	44233	15629	53612	69241
	0.61	1.48	0.99	1.88	5.19	4.07	0.87	2.94	1.92
11 - Wholesale trade (not covered in item-10 above)	14818	10847	25665	3363	16216	19579	18181	27063	45244
	1.04	0.98	1.02	0.91	2.25	1.80	1.02	1.48	1.25
12 - Retail trade (not covered in item-10 above)	475026	159728	634754	172680	167363	340043	647706	327091	974797
	33.48	14.47	25.16	46.88	23.26	31.26	36.24	17.94	27.00
13 - Transportation and storage	23355	56495	79850	14347	30837	45184	37702	87332	125034
	1.65	5.12	3.17	3.89	4.29	4.15	2.11	4.79	3.46
14 -Accommodation and Food service activities	46129	50724	96853	26694	66063	92757	72823	116787	189610
	3.25	4.59	3.84	7.25	9.18	8.53	4.07	6.40	5.25
15 - Information & communication	3654	5354	9008	2779	13351	16130	6433	18705	25138
	0.26	0.48	0.36	0.75	1.86	1.48	0.36	1.03	0.70
16 - Financial and insurance activities	162773	27586	190359	9346	32869	42215	172119	60455	232574
	11.47	2.50	7.55	2.54	4.57	3.88	9.63	3.32	6.44
17 - Real estate activities	1003	875	1878	3149	2001	5150	4152	2876	7028
	0.07	0.08	0.07	0.85	0.28	0.47	0.23	0.16	0.19
18 - Professional, scientific & technical activities	7558	6523	14081	6067	12185	18252	13625	18708	32333
	0.53	0.59	0.56	1.65	1.69	1.68	0.76	1.03	0.90
19 - Administrative and support service activities	8242	19011	27253	6862	19897	26759	15104	38908	54012
	0.58	1.72	1.08	1.86	2.77	2.46	0.85	2.13	1.50
20 - Education	10395	334396	344791	4376	85419	89795	14771	419815	434586
	0.73	30.29	13.67	1.19	11.87	8.25	0.83	23.02	12.04
21 - Human health & social work activities	27210	38267	65477	4981	39972	44953	32191	78239	110430
	1.92	3.47	2.60	1.35	5.56	4.13	1.80	4.29	3.06
22 - Arts entertainment, sports & amusement and recreation	17519	12064	29583	3523	7156	10679	21042	19220	40262
	1.23	1.09	1.17	0.96	0.99	0.98	1.18	1.05	1.12
23 - Other service activities not elsewhere classified	118807	89995	208802	35641	43671	79312	154448	133666	288114
	8.37	8.15	8.28	9.68	6.07	7.29	8.64	7.33	7.98
Total	1418774	1104080	2522854	368368	719498	1087866	1787142	1823578	3610720
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

4.6 AVERAGE EMPLOYMENT PER ESTABLISHMENT IN NON-AGRICULTURE

The average employment in non-agricultural establishments in Odisha by broad activity code, sector and type of establishment is given in **Table 4.4**. In the result of the Economic Census it is revealed that the average employment in non-agricultural establishments was 2.11 persons per establishment. The average employment per non-agricultural establishment in rural areas was 2.02 persons per establishment and in urban area was 2.35 persons per establishment. According to the type of establishments, the average employment per own account non-agricultural establishment and establishments with at least one hired worker were 1.46 persons and 3.71 persons respectively. Under the major activity groups, the highest average employment 7.67 persons per non-agricultural establishment belongs to electricity, gas,& air conditioning broad activity category followed by mining& quarrying category 6.63 person per establishment

4.6.1 EMPLOYMENT RATE IN OWN ACCOUNT ESTABLISHMENTS

It is observed that, the average employment per own account non-agricultural establishment was 1.46 persons per establishment. Among the major activity groups, the highest average employment 6.38 persons per own account non-agricultural establishment belongs to financial and insurance broad activity category followed by *Arts entertainment, sports & amusement and recreation* categories 2.53 person per establishment. In rural area the average employment per own account non-agricultural establishment was 1.53 persons per establishment. Among the major activity groups in rural areas, the highest average employment 7.09 persons per own account non-agricultural establishment belongs to financial and insurance broad activity category followed by *Arts entertainment, sports & amusement and recreation* categories 2.64 person per establishment. Similarly, in urban area the average employment per own account non-agricultural establishment was 1.24 persons per establishment. Among the major activity groups in urban areas, the highest average employment 2.31 persons per own account agricultural establishment belongs to financial and insurance broad activity category followed *Arts entertainment, sports & amusement and recreation* categories 2.10 person per establishment.

4.6.2 EMPLOYMENT RATE IN ESTABLISHMENT WITH ATLEAST ONE HIRED WORKER

It is observed that, the average employment per non-agricultural establishments with at least one hired worker was 3.71 persons per establishment.

Table 4.4: Broad Activity wise Employment Rate by sector and type of establishment in Odisha

Broad Activity	Rural			Urban			Combined		
	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total
05 - Mining and quarrying	1.80	12.07	5.60	1.09	21.41	11.70	1.71	14.15	6.63
06 - Manufacturing	1.68	4.56	2.12	1.50	4.96	2.71	1.66	4.69	2.21
07 - Electricity, gas, steam and air conditioning supply	1.36	7.77	6.12	1.09	12.38	9.58	1.24	9.85	7.67
08 - Water supply, sewerage, waste management and remediation activities	1.11	1.85	1.63	1.12	4.51	3.26	1.11	2.39	1.99
09 - Construction	1.13	4.09	1.96	1.10	4.86	2.65	1.12	4.38	2.16
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	1.13	3.25	1.97	1.17	3.69	2.76	1.15	3.54	2.41
11 - Whole sale trade (not covered in item-10 above)	1.56	3.57	2.04	1.18	3.94	2.81	1.47	3.79	2.32
12 - Retail trade (not covered in item-10 above)	1.20	2.67	1.39	1.17	3.03	1.67	1.19	2.84	1.48
13 - Transportation and storage	1.09	2.98	1.98	1.06	4.03	2.14	1.08	3.28	2.03
14 - Accommodation and and Food service activities	1.34	3.16	1.92	1.28	4.65	2.64	1.32	3.86	2.22
15 - Information & communication	1.31	2.18	1.72	1.14	5.68	3.37	1.23	3.89	2.51
16 - Financial and insurance activities	7.09	5.01	6.69	2.31	8.55	5.35	6.38	6.46	6.40
17 - Real estate activities	1.08	3.34	1.58	1.04	4.36	1.47	1.05	3.99	1.50
18 - Professional, scientific & technical activities	1.19	2.20	1.51	1.12	4.65	2.27	1.16	3.34	1.86
19 - Administrative and support service activities	1.25	3.57	2.28	1.15	4.98	2.69	1.20	4.18	2.47
20 - Education	1.50	4.62	4.34	1.29	8.85	6.88	1.43	5.11	4.70
21 - Human health & social work activities	2.62	2.99	2.82	1.37	7.07	4.83	2.29	4.24	3.40
22 - Arts entertainment, sports & amusement and recreation	2.64	3.35	2.89	2.10	4.78	3.36	2.53	3.77	3.00
23 - Other service activities not else where classified	1.29	1.61	1.41	1.25	2.45	1.71	1.28	1.81	1.48
Total	1.53	3.40	2.02	1.24	4.31	2.35	1.46	3.71	2.11

Among the major activity groups, the highest average employment 14.15 persons per non-agricultural establishments with at least one hired worker belongs to mining and quarrying broad activity category followed by electricity, gas, steam and air conditioning supply categories 9.85 person per establishment. In rural area the average employment per

non-agricultural establishments with at least one hired worker was 3.40 persons per establishment. Among the major activity groups in rural areas, the highest average employment 12.07 persons per non-agricultural establishments with at least one hired worker belongs to mining and quarrying broad activity category followed by electricity, gas, steam and air conditioning supply categories 7.77 person per establishment. Similarly, in urban area the average employment per non-agricultural establishments with at least one hired worker was 4.31 persons per establishment. Among the major activity groups in urban areas, the highest average employment 21.24 persons per non-agricultural establishments with at least one hired worker belongs to mining and quarrying broad activity category followed by electricity, gas, steam and air conditioning supply categories 4.14 person per establishment.

4.7 DISTRIBUTION OF ESTABLISHMENTS BY TYPE OF OWNERSHIP

The distribution of non-agricultural establishments by type of ownership with rural-urban break-up has been given in **Table 4.5.**

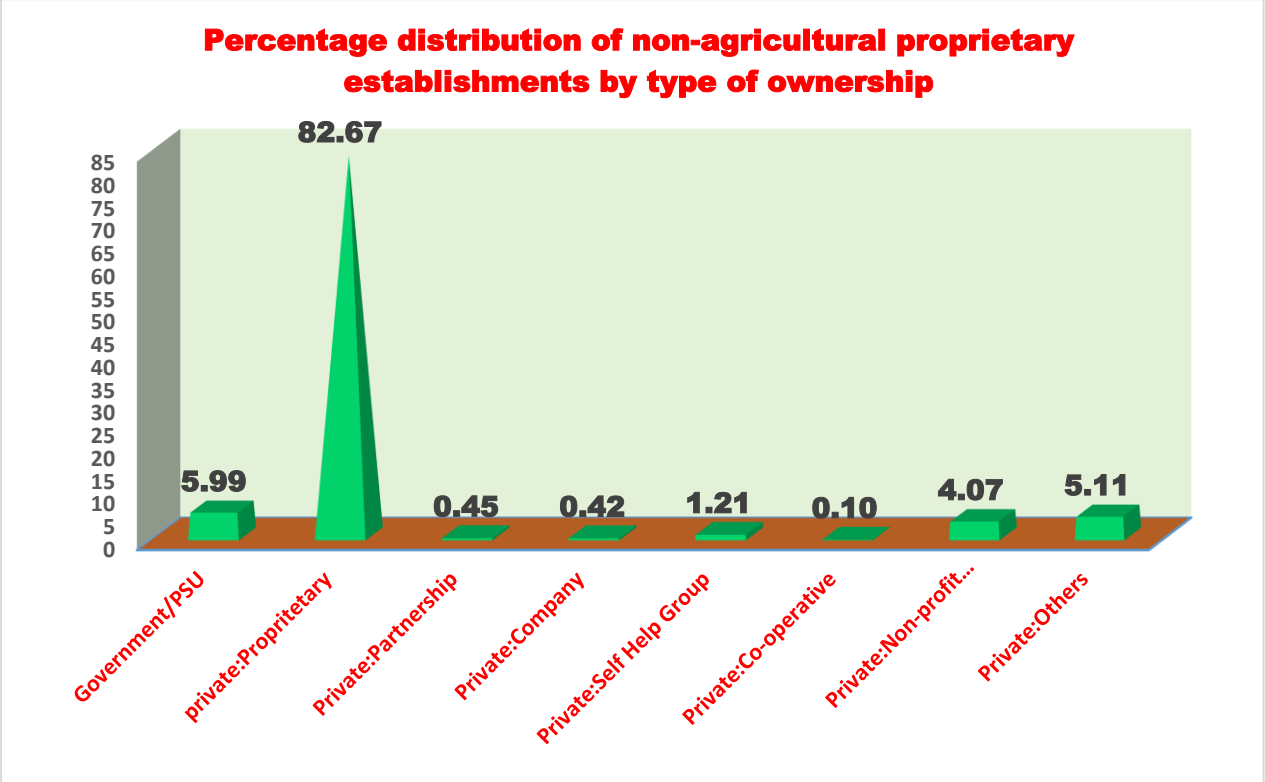
Out of total 17.13 lakh non-agricultural establishments in the Odisha, 1.02 lakh establishments (5.99%) under Government /PSU ownership, 14.16 lakhs (82.67%) under private proprietorship, 0.07 lakhs (0.45%) under private partnership, 0.07 lakhs (0.42%) under private company, 0.20 lakhs (1.21%) under private self-help groups, 0.01 lakhs (0.10%) under private cooperative, 0.69 lakhs (14.07%) under private non-profit institutions and 0.87 lakhs (5.11%) under private others. This indicates that most of the establishments were functioning under ‘private proprietorship’ ownership. The share of non-agricultural establishments under private proprietary ownership in rural and urban areas were 80.82 % & 87.66 % respectively. In rural area out of 12.50 lakhs establishments the highest 10.10 lakhs (80.82%) were under ‘private proprietor’ ownership followed by 0.86 lakhs (7.09%) under ‘Government/PSU ownership and rest 12.11% establishments under other ownerships. Similarly in urban area out of 4.63 lakhs establishments the highest 4.06 lakhs (87.67%) were under ‘private proprietor’ ownership followed by 0.26 lakhs (5.74%) under others ownership.

There are 4.92 lakhs non-agricultural establishments with at least one hired worker in Odisha, out of which the highest 2.85 lakhs (57.88%) establishments were under ‘private proprietor’ ownership followed by 1.03 lakhs (20.85%) under ‘Government/PSU ownership and 0.47 lakhs establishments under other ownerships. In rural area out of 3.25 lakhs establishments the highest 1.58 lakh (47.48%) were under ‘private proprietor’ ownership followed by 0.89 lakhs (27.26%) under ‘Government/PSU ownership. Similarly in urban area out of 1.67 lakhs establishments the highest 1.27 lakhs (76.17%) were under ‘private proprietor’ ownership,

Table 4.5: Distribution of non-agricultural establishments by type of ownership
(Figures in absolute number)

Type of ownership	Rural		Urban		Combined	
	With at least one hired worker	Total	With at least one hired worker	Total	With at least one hired worker	Total
Government/PSU	88620	88620	13969	13969	102589	102589
	27.26	7.09	8.37	3.02	20.85	5.99
private: Proprietary	157574	1010304	127155	405978	284729	1416282
	48.48	80.82	76.17	87.66	57.88	82.67
Private: Partnership	2147	4936	1751	2734	3898	7670
	0.66	0.39	1.05	0.59	0.79	0.45
Private: Company	3462	4760	2150	2358	5612	7118
	1.07	0.38	1.29	0.51	1.14	0.42
Private: Self Help Group	1114	19368	195	1330	1309	20698
	0.34	1.55	0.12	0.29	0.27	1.21
Private: Co-operative	782	1237	279	448	1061	1685
	0.24	0.10	0.17	0.10	0.22	0.10
Private: Non-profit Institution	38077	59933	7028	9735	45105	69668
	11.71	4.79	4.21	2.10	9.17	4.07
Private: Others	33263	60923	14403	26586	47666	87509
	10.23	4.87	8.63	5.74	9.69	5.11
Total	325039	1250081	166930	463138	491969	1713219
	100.00	100.00	100.00	100.00	100.00	100.00

Figure 4.2



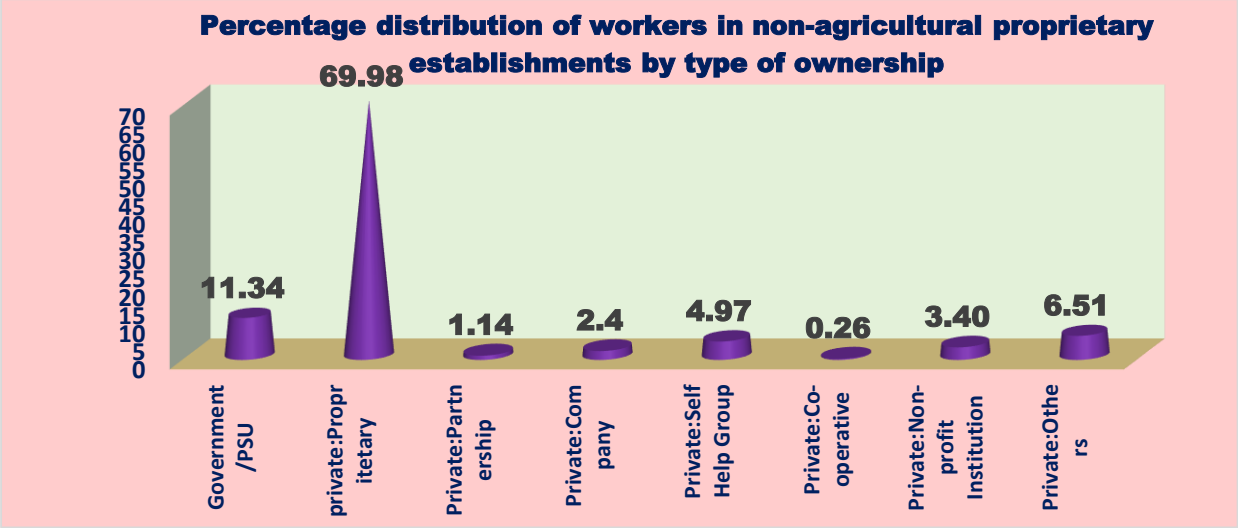
4.7.2 DISTRIBUTION OF EMPLOYMENT BY TYPE OF OWNERSHIP

The distribution of non-agricultural establishments by type of ownership with rural-urban break-up has been given in **Table 4.6**.

Out of total 36.11 lakhs persons employed in non-agricultural establishments in Odisha, 4.09 lakhs (11.34%) persons were working under Government ownership and rest 24.77 lakhs persons working under *private ownership*. The highest *25.27 lakh (69.98%)* persons were working under 'private proprietor' ownership, 0.41 lakhs (1.14%) persons under private partnership, 0.087 lakh (2.40%) under private company, 1.79 lakh (4.97%) persons worked in private self-help groups, 0.09 lakh (0.26%) persons employed under private cooperative, 1.23 lakhs (3.40%) persons under private non-profit institutions and 2.35 lakh (6.51%) persons under private others.. There were 18.24 lakhs persons employed in non-agricultural establishments with at least one hired worker in Odisha, out of which number of persons employed in rural area and urban area were 11.04 lakhs & in 7.19 lakhs respectively. Both in rural area and urban area the highest number of *persons* were working under 'private proprietor' ownership.

Table 4.6: Distribution of persons employed by type of ownership						
Type of ownership	Rural		Urban		Combined	
	With at least one hired worker	Total	With at least one hired worker	Total	With at least one hired worker	Total
Government/PSU	313749	313749	95605	95605	409354	409354
	28.42	12.44	13.29	8.79	22.45	11.34
private: Proprietary	543968	1697683	493281	829167	1037249	2526850
	49.27	67.29	68.56	76.22	56.88	69.98
Private: Partnership	13430	24607	14303	16595	27733	41202
	1.22	0.98	1.99	1.53	1.52	1.14
Private: Company	56810	58508	27895	28157	84705	86665
	5.15	2.32	3.88	2.59	4.64	2.40
Private: Self Help Group	7788	170069	1399	9236	9187	179305
	0.71	6.74	0.19	0.85	0.50	4.97
Private: Co-operative	5163	6463	2623	3074	7786	9537
	0.47	0.26	0.36	0.28	0.43	0.26
Private: Non-profit Institution	61181	99133	18149	23784	79330	122917
	5.54	3.93	2.52	2.19	4.35	3.40
Private: Others	101991	152642	66243	82248	168234	234890
	9.24	6.05	9.21	7.56	9.23	6.51
Total	1104080	2522854	719498	1087866	1823578	3610720
	100.00	100.00	100.00	100.00	100.00	100.00

Figure 4.3



4.8 SELECTED CHARACTERISTICS UNDER PROPRIETARY OWNERSHIP

4.8.1 OWNERSHIP BY SEX

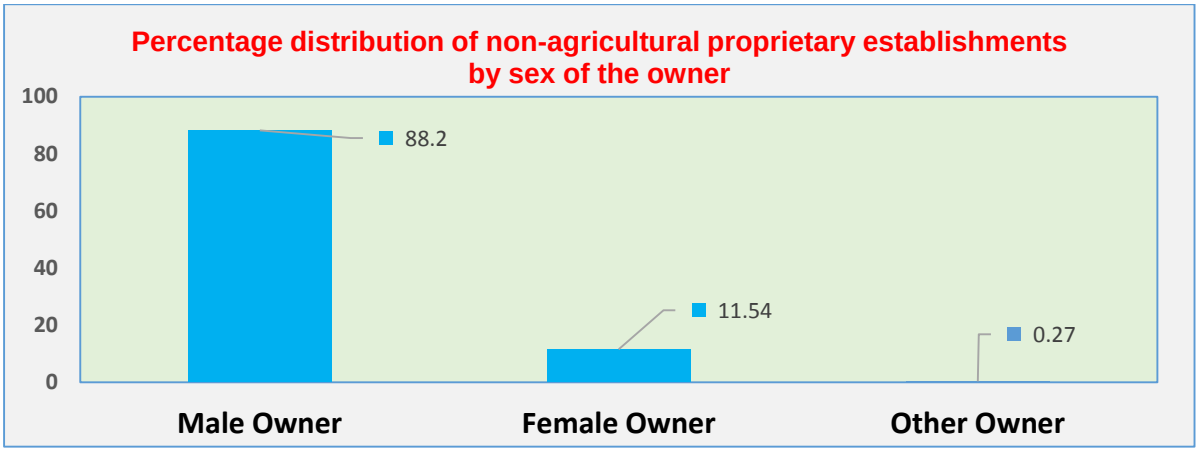
There were 14.16 lakh non-agricultural establishments under proprietary ownership, constituting 82.67% of the total number of non-agricultural establishments in the state. The sex wise distribution of the owner of proprietary agricultural establishments is given in the **Table-4.7 and figure 4.4.**

In the total proprietary non-agricultural establishments, the share of male, female and other category of owner were 12.49 lakhs (88.20%), 1.63 lakhs (11.54%) and 0.04 lakhs (0.27%) respectively. In rural areas the share of male, female and other category of owner were 8.82 lakhs (87.28%), 1.26 lakhs (12.45%) and 0.03 lakhs (0.26%) respectively. Similarly, in urban areas the share of male and female category of owner were 3.67 lakhs (90.47%) and 0.38 lakhs (9.26%) respectively.

Table 4.7: Distribution of non-agricultural proprietary establishments by sex of the owner

Sex of owner	Number of Establishments		
	Rural	**Urban**	**Combined**
Male	881830	367287	1249117
	87.28	90.47	88.20
Female	125808	37597	163405
	12.45	9.26	11.54
Others	2666	1094	3760
	0.26	0.27	0.27
Total	**1010304**	**405978**	**1416282**
	100.00	**100.00**	**100.00**

Figure 4.4



4.8.2 SOCIAL GROUP OF THE OWNER OF PROPRIETARY NON-AGRICULTURAL ESTABLISHMENTS

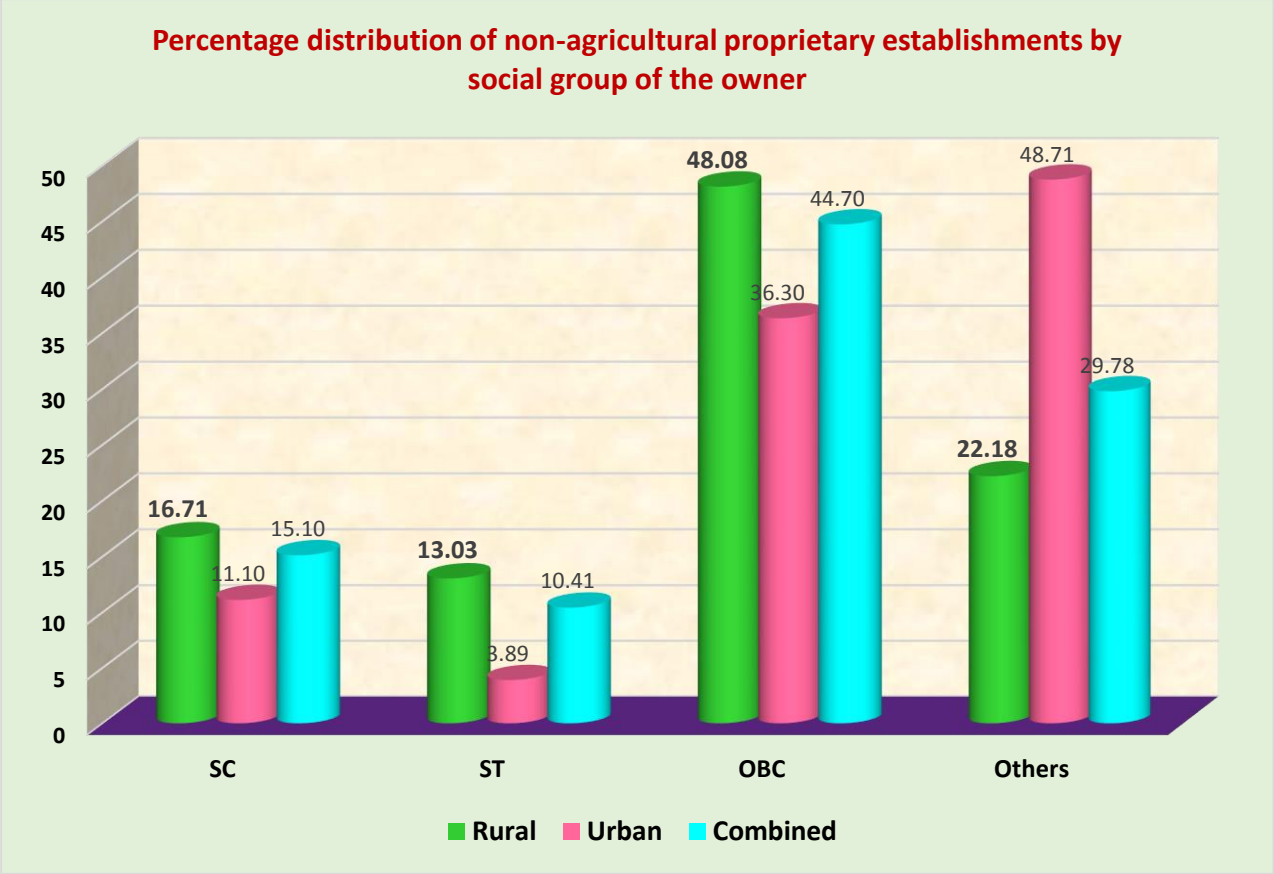
The social group wise distribution of the owner of proprietary non-agricultural establishments is given in **Table 4.8 and figure 4.5.**

There were 14.16 lakhs non-agricultural establishments under proprietary ownership, constituting 82.67% of the total number of non-agricultural establishments. In the proprietary non-agricultural establishments, the share of SC, ST, OBC and other category of owners were 2.14 lakhs (15.10%), 1.47 lakhs (10.41%), 6.33 lakhs (44.70%) and 4.22 lakhs (29.78%) respectively. In rural areas the share of SC, ST, OBC and other category of owners (22.18%) respectively. Similarly, in urban areas the share of SC, ST, OBC and other category of owners were 0.46 lakhs (11.10%), 0.16 lakhs (3.89%), 1.47 lakh (36.30%) and 1.98 lakh (48.71%) respectively. Representation of OBC category of owner was highest in rural area but others category of owner was highest in urban area.

Table 4.8: Number & percentage distribution of Non-Agricultural Proprietary Establishments by Social Group of the owner

	(Figures in absolute number)		
Social Group of Owner	**Number of Establishments**		
	Rural	**Urban**	**Combined**
SC	168859	45051	213910
	16.71	11.10	15.10
ST	131637	15787	147424
	13.03	3.89	10.41
OBC	485759	147389	633148
	48.08	36.30	44.70
Others	224049	197751	421800
	22.18	48.71	29.78
Total	**1010304**	**405978**	**1416282**
	100.00	**100.00**	**100.00**

Figure 4.5



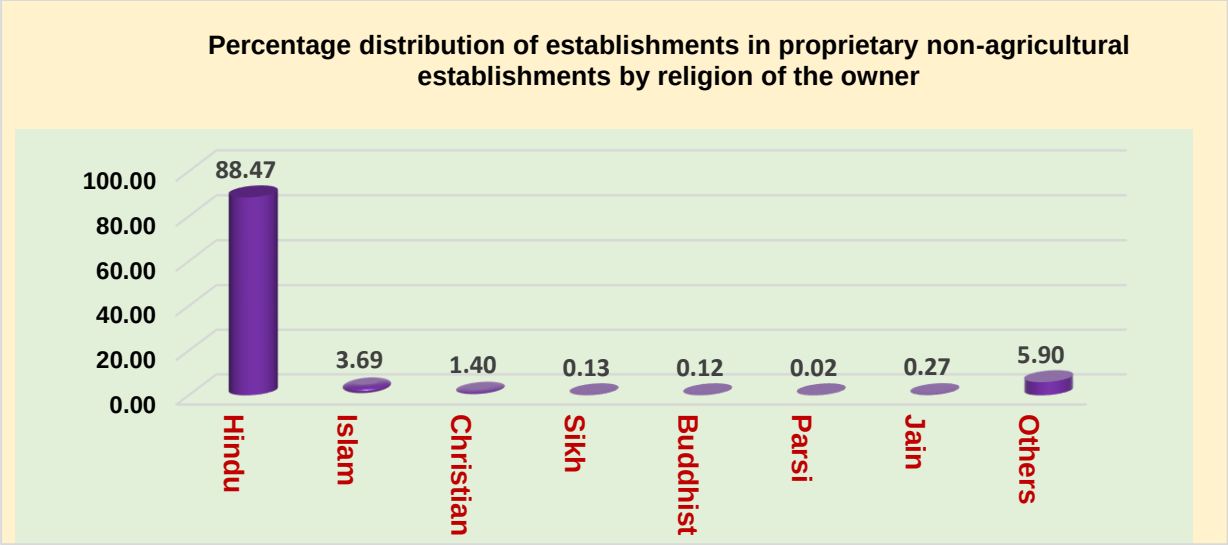
4.8.3 RELIGION OF OWNER OF PROPRIETARY NON-AGRICULTURAL ESTABLISHMENTS

The religion wise distribution of the owner of proprietary non-agricultural establishments is given in **Table 4.9 and figure 4.6.**

In 14.16 lakh proprietary non-agricultural establishments, the religion of the owners were classified as Hindu, Islam, Christian, Sikh, Buddhist, Parsi, Jain and others categories. The share of Hindu was 12.52 lakh (88.47%) which is highest among other religions, followed by others 0.83 lakh (5.90 %) and Islam 0.52 lakh (3.69 %). In rural areas the share of Hindu, others and Islam were 9.06 lakh (89.70%), 0.58 lakh (5.75%) and 0.24 lakh (2.46%) respectively. Similarly, in urban areas the share of Hindu, Islam and others were 3.47 lakh (85.40%), 0.27 lakh (6.76%) and 0.25 lakh (6.25%) respectively.

Table 4.9: Distribution of Proprietary non- agricultural Establishments by Religion of the owner			
Religion of Owner	Number of Establishments		
	Rural	**Urban**	**Combined**
Hindu	906239	346712	1252951
	89.70	85.40	88.47
Islam	24819	27437	52256
	2.46	6.76	3.69
Christian	15508	4309	19817
	1.53	1.06	1.40
Sikh	869	1040	1909
	0.09	0.26	0.13
Buddhist	1636	103	1739
	0.16	0.03	0.12
Parsi	164	55	219
	0.02	0.01	0.02
Jain	2940	936	3876
	0.29	0.23	0.27
Others	58129	25386	83515
	5.75	6.25	5.90
Total	**1010304**	**405978**	**1416282**
	100.00	**100.00**	**100.00**

Figure 4.6



4.10 NON-AGRICULTURAL ESTABLISHMENTS BY NATURE OF OPERATION

There are 17.13 lakhs non-agricultural establishments in Odisha and 36.11 lakhs persons were engaged in such non-agricultural establishments. According to the nature of operation the non-agricultural establishments are classified in to three types such as

perennial, seasonal and casual. The nature of operation wise distribution of non-agricultural establishments and workers there in are given in **Table 4.10, figure 4.7and figure 4.8.**

In the distribution of non-agricultural establishments, the share of perennial, seasonal and casual nature of establishments were 15.47 lakhs (90.28%), 1.07 lakhs (6.24%) and 0.60 lakhs (3.48%) respectively. In rural areas the share of perennial, seasonal and casual nature of establishments were 10.98 lakhs (87.82%), 0.98 lakhs (7.87%) and 0.54 lakhs (4.31%) respectively. Similarly in urban areas the share of perennial, seasonal and casual nature of establishments were 4.49 lakhs (96.90%), 0.08 lakhs (1.83%) and 0.06 lakhs (1.26%) respectively.

Further, according to the nature of operation of agricultural establishments, the share of workers employed in perennial, seasonal and casual establishments were 33.02 lakhs (91.44%), 2.09 lakhs (5.78%) and 1.00 lakhs (2.77%) respectively. In rural areas the share of workers employed in perennial, seasonal and casual establishments were 22.41 lakhs (88.84%), 1.92 lakhs (7.62%) and 0.90 lakhs (3.55) respectively. Similarly in urban areas the share of workers employed in perennial, seasonal and casual establishments were 10.61 lakhs (97.49%), 0.17 lakhs (1.53%) and 0.11 lakhs (0.98%) respectively.

Table 4.10: Distribution of non-agricultural establishments & workers by nature of operation

Nature of operation	Number of Establishments			Number of Workers		
	Rural	Urban	Combined	Rural	Urban	Combined
Perennial	1097832	448799	1546631	2241188	1060551	3301739
	87.82	96.90	90.28	88.84	97.49	91.44
Seasonal	98369	8495	106864	192123	16674	208797
	7.87	1.83	6.24	7.62	1.53	5.78
Casual	53880	5844	59724	89543	10641	100184
	4.31	1.26	3.49	3.55	0.98	2.77
Total	**1250081**	**463138**	**1713219**	**2522854**	**1087866**	**3610720**
	100.00	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Figure 4.7

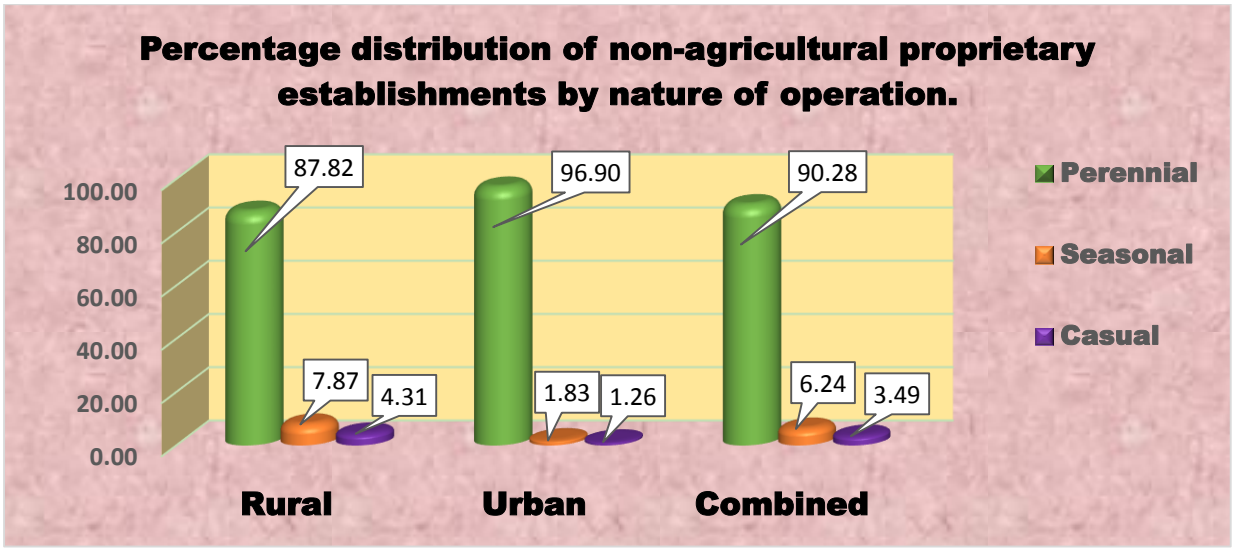
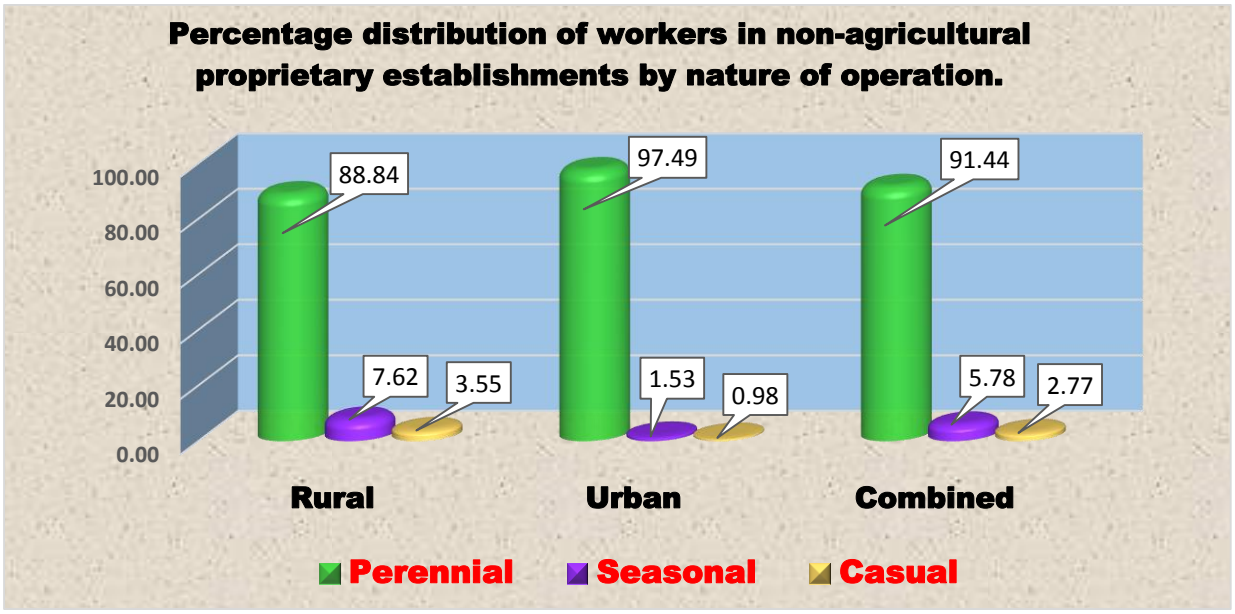


Figure 4.8

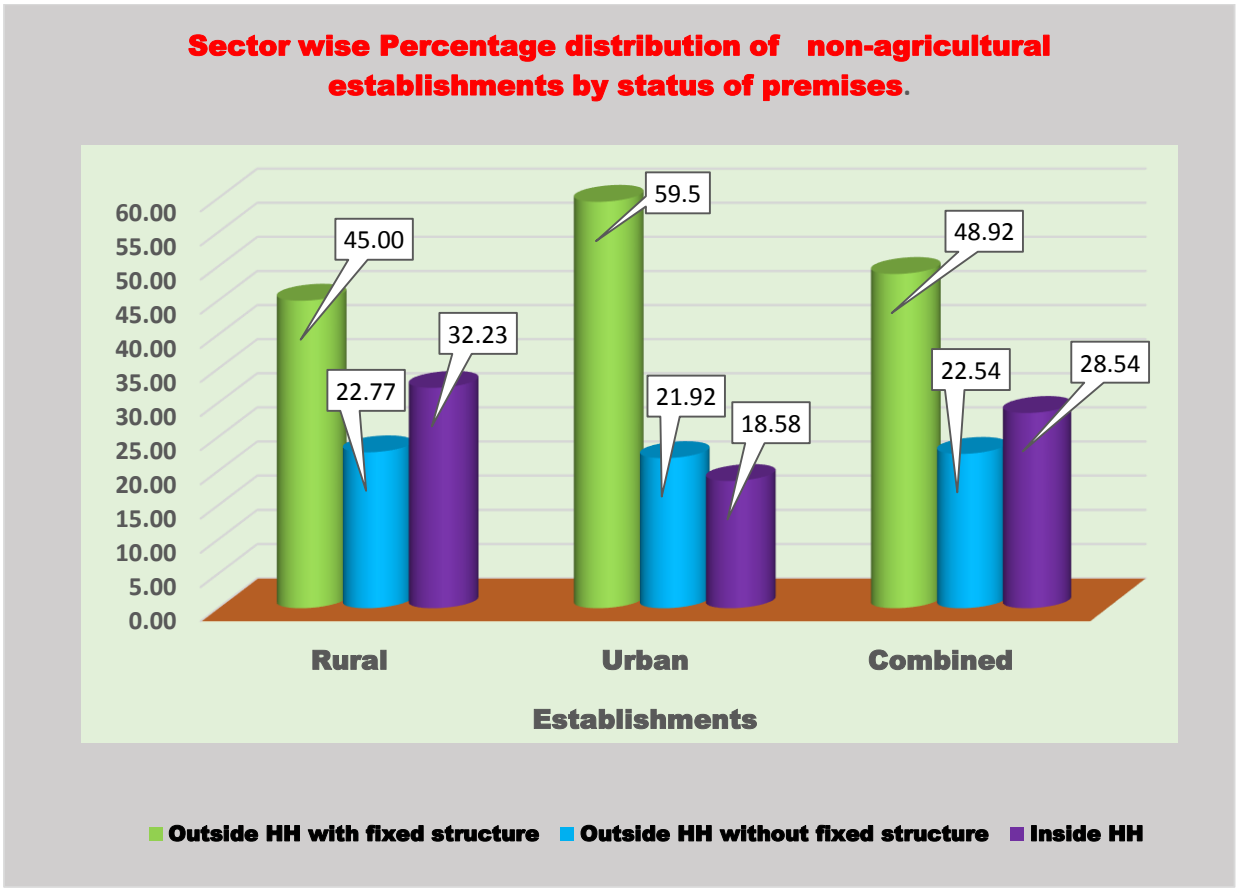


4.12: NON-AGRICULTURAL ESTABLISHMENTS BY PREMISES STATUS

There are 17.13 lakh of non-agricultural establishments in Odisha. According to the status of premises for operation, the non-agricultural establishments are classified in to three categories such as outside household with fixed structure, outside household without fixed structure and inside household. The distribution of non-agricultural establishments by nature of status of premises for operation is given in **Table 4.11 and figure 4.9.**

Table 4.11: Distribution of non-agricultural establishments by status of premises			
Premises status	Establishments		
	Rural	**Urban**	**Combined**
Outside HH with fixed structure	562500	275582	838082
	45.00	59.50	48.92
Outside HH without fixed structure	284670	101504	386174
	22.77	21.92	22.54
Inside HH	402911	86052	488963
	32.23	18.58	28.54
Total	**1250081**	**463138**	**1713219**
	100.00	**100.00**	**100.00**

Figure 4.9



It has been observed that among the non-agricultural establishments 8.38 lakhs (48.92%) were operating outside the household with fixed structure, 3.86 lakhs (22.54%) were operating outside the household without fixed structure and 4.89 lakhs (28.54%) were operating inside the household. In rural area out of 12.50 lakhs establishments, 5.62 lakhs (45.00%) were operating outside the household with fixed structure, 2.85 lakhs (22.77%) were operating outside the household without fixed structure and 4.03 lakhs (32.23%) were operating inside the household. Similarly, in urban area out of 12.50 lakhs establishments, 2.76 lakhs (59.50%) were operating outside the household with fixed structure, 1.02 lakhs (21.92%) were operating outside the household without fixed structure and 0.86 lakhs (18.58%) were operating inside the household.

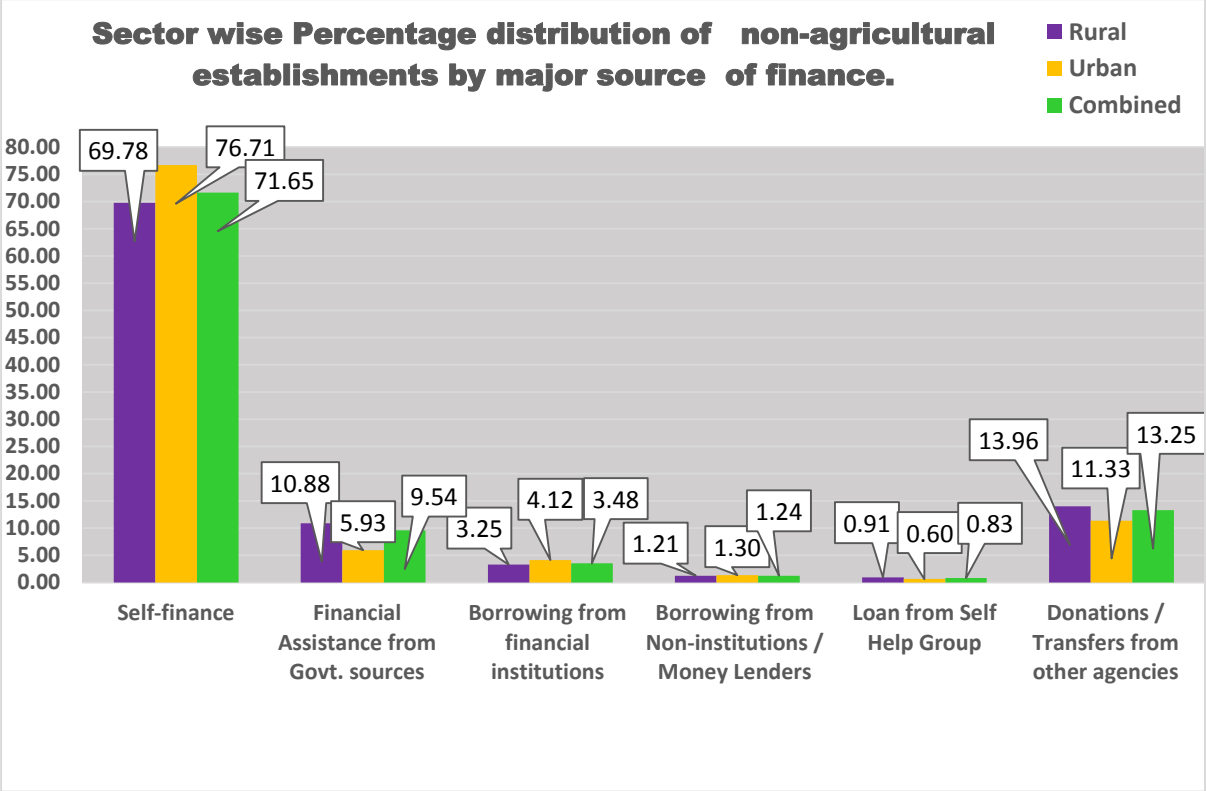
4.13: MAJOR SOURCE OF FINANCE

The distribution of non-agricultural establishments by major source of finance is given in **Table 4.12 and figure 4.10.**

Table 4.12: Distribution of establishments by major source of finance of non-agricultural establishments

Major Source of Finance	Rural		Urban		Combined	
Self-finance	872319	71.06	355288	28.94	1227607	100.00
	69.78		76.71		71.65	
Financial assistance from Govt. sources	136065	83.22	27443	16.78	163508	100.00
	10.88		5.93		9.54	
Borrowing from financial institutions	40613	68.04	19077	31.96	59690	100.00
	3.25		4.12		3.48	
Borrowing from Non-institutions / Money Lenders	15155	71.51	6037	28.49	21192	100.00
	1.21		1.30		1.24	
Loan from Self Help Group	11372	80.24	2801	19.76	14173	100.00
	0.91		0.60		0.83	
Donations / Transfers from other agencies	174557	76.88	52492	23.12	227049	100.00
	13.96		11.33		13.25	
TOTAL	**1250081**	**72.97**	**463138**	**27.03**	**1713219**	**100.00**
	100.00		**100.00**		**100.00**	

Figure 4.10



Out of a total of 17.13 lakhs non-agricultural establishments in Odisha, the establishments functioning with self-finance 12.28 lakhs (71.65%), Financial Assistance from Govt. sources 1.64 lakhs (9.54%), borrowing from financial institutions 0.60 lakhs (3.48%), borrowing from Non-institutions /Money Lenders 0.21 lakhs (1.24%), Loan from Self Help Group 0.14 lakhs (0.83%) and Donations / Transfers from other agencies 2.27 lakhs (13.25%).

In rural area out of 12.50 lakhs non-agricultural establishments 8.72 lakhs (69.78%) were Self-financed followed by the source Donations / Transfers from other agencies 1.75 lakhs (13.96%) and Financial Assistance from Govt. sources 1.36 lakhs (10.88%). Similarly, in urban area out of 4.63 lakhs non-agricultural establishments 3.55 lakhs (76.71%) were Self-financed followed by the source Donations / Transfers from other agencies 0.52 lakhs (11.33%) and Financial Assistance from Govt. sources 0.27 lakhs (5.93%).

4.14 ESTABLISHMENTS BY SIZE CLASS OF TOTAL EMPLOYMENT

Broad Activity wise distribution of non-agricultural establishments with size class of employment in Odisha is presented in **table 4.13** and the same for rural & urban areas are presented in **table 4.13 (A)** & **table 4.13 (B)** respectively.

Table 4.13:Broad Activity wise distribution of Establishments with size class of Employment in Odisha

Broad activity code	Size Class of Employment										
	1-5	6-9	10-14	15-19	20-24	25-29	30-99	100-199	200-499	500 or More	All Classes
05 - Mining and quarrying	2611	431	64	35	24	13	27	12	10	7	3234
06 - Manufacturing	375975	8757	2262	625	305	143	481	74	54	30	388706
07 - Electricity, gas, steam and air conditioning supply	1163	275	71	54	47	31	42	4	7	0	1694
08 - Water supply, sewerage, waste management and remediation activities	5446	171	33	14	10	7	29	1	1	0	5712
09 - Construction	32933	2668	122	36	40	13	46	8	3	0	35869
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	27367	1077	96	46	34	7	69	10	2	0	28708
11 - Whole sale trade (not covered in item-10 above)	18179	997	236	44	18	12	27	1	1	0	19515
12 - Retail trade (not covered in item-10 above)	651003	6589	1337	274	93	39	90	3	2	1	659431
13 - Transportation and storage	59082	2113	158	58	26	16	58	14	5	1	61531
14 - Accommodation and and Food service activities	80504	4163	402	119	69	37	132	19	8	1	85454
15 - Information & communication	9472	417	59	18	13	11	23	6	6	2	10027
16 - Financial and insurance activities	20632	2725	10173	2081	485	64	165	15	3	1	36344
17 - Real estate activities	4516	143	12	5	1	1	2	0	0	0	4680
18 - Professional, scientific & technical activities	16895	357	31	15	9	6	22	0	3	1	17339
19 - Administrative and support service activities	20464	1224	88	41	13	18	35	9	3	2	21897
20 - Education	71248	13020	5244	1142	500	292	883	62	24	0	92415
21 - Human health & social work activities	28518	2085	1226	200	112	67	228	41	14	6	32497
22 - Arts entertainment, sports & amusement and recreation	11759	1238	113	91	69	31	110	6	1	0	13418
23 - Other service activities not else where classified	191936	2240	362	93	45	18	44	8	2	0	194748
Total:Non-Agricultural Activities	1629703	50690	22089	4991	1913	826	2513	293	149	52	1713219

Broad activity code	Table 4.13 (A):Broad Activity wise distribution of Establishments with size class of Employment in rural Odisha										
	Size Class of Employment										
	1-5	6-9	10-14	15-19	20-24	25-29	30-99	100-199	200-499	500 or More	All Classes
05 - Mining and quarrying	2212	312	57	32	23	12	23	7	7	3	2688
06 - Manufacturing	318227	5625	1871	513	233	99	344	46	35	23	327016
07 - Electricity, gas, steam and air conditioning supply	673	142	37	31	19	12	18	0	2	0	934
08 - Water supply, sewerage, waste management and remediation activities	4339	87	12	6	4	3	10	1	0	0	4462
09 - Construction	23899	1340	74	25	20	7	24	4	3	0	25396
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	12322	305	26	19	13	3	13	3	0	0	12704
11 - Whole sale trade (not covered in item-10 above)	11894	415	192	23	10	7	9	1	0	0	12551
12 - Retail trade (not covered in item-10 above)	452444	2550	1067	191	46	14	30	2	0	1	456345
13 - Transportation and storage	38947	1265	99	29	10	5	18	7	2	0	40382
14 - Accommodation and and Food service activities	48713	1362	210	45	7	6	35	3	2	0	50383
15 - Information & communication	5114	90	29	6	2	0	2	0	0	0	5243
16 - Financial and insurance activities	15064	1567	9523	1871	395	10	20	2	0	0	28452
17 - Real estate activities	1152	25	6	2	1	0	1	0	0	0	1187
18 - Professional, scientific & technical activities	9195	86	18	4	3	2	1	0	0	0	9309
19 - Administrative and support service activities	11296	537	51	20	5	8	12	3	0	0	11932
20 - Education	62642	10467	4576	763	283	162	422	31	16	0	79362
21 - Human health & social work activities	20556	1213	1106	132	55	34	90	11	1	1	23199
22 - Arts entertainment, sports & amusement and recreation	9082	836	85	72	61	23	78	5	1	0	10243
23 - Other service activities not else where classified	146512	1350	308	60	26	11	23	3	0	0	148293
Total:Non-Agricultural Activities	**1194283**	**29574**	**19347**	**3844**	**1216**	**418**	**1173**	**129**	**69**	**28**	**1250081**

Broad activity code	Table 4.13 (B):Broad Activity wise distribution of Establishments with size class of Employment in urban Odisha										
	Size Class of Employment										
	1-5	6-9	10-14	15-19	20-24	25-29	30-99	100-199	200-499	500 or More	All Classes
05 - Mining and quarrying	399	119	7	3	1	1	4	5	3	4	546
06 - Manufacturing	57748	3132	391	112	72	44	137	28	19	7	61690
07 - Electricity, gas, steam and air conditioning supply	490	133	34	23	28	19	24	4	5	0	760
08 - Water supply, sewerage, waste management and remediation activities	1107	84	21	8	6	4	19	0	1	0	1250
09 - Construction	9034	1328	48	11	20	6	22	4	0	0	10473
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	15045	772	70	27	21	4	56	7	2	0	16004
11 - Whole sale trade (not covered in item-10 above)	6285	582	44	21	8	5	18	0	1	0	6964
12 - Retail trade (not covered in item-10 above)	198559	4039	270	83	47	25	60	1	2	0	203086
13 - Transportation and storage	20135	848	59	29	16	11	40	7	3	1	21149
14 - Accommodation and and Food service activities	31791	2801	192	74	62	31	97	16	6	1	35071
15 - Information & communication	4358	327	30	12	11	11	21	6	6	2	4784
16 - Financial and insurance activities	5568	1158	650	210	90	54	145	13	3	1	7892
17 - Real estate activities	3364	118	6	3	0	1	1	0	0	0	3493
18 - Professional, scientific & technical activities	7700	271	13	11	6	4	21	0	3	1	8030
19 - Administrative and support service activities	9168	687	37	21	8	10	23	6	3	2	9965
20 - Education	8606	2553	668	379	217	130	461	31	8	0	13053
21 - Human health & social work activities	7962	872	120	68	57	33	138	30	13	5	9298
22 - Arts entertainment, sports & amusement and recreation	2677	402	28	19	8	8	32	1	0	0	3175
23 - Other service activities not else where classified	45424	890	54	33	19	7	21	5	2	0	46455
Total:Non-Agricultural Activities	**435420**	**21116**	**2742**	**1147**	**697**	**408**	**1340**	**164**	**80**	**24**	**463138**

It is observed that, out of 17.13 lakhs non-agricultural establishments 16.30 lakhs i.e. 95.13% were with workers in the size class of 1-5 persons and about 16.80 lakhs (98.08%) of total non-agricultural establishments were functioning with less than 10 workers. The representation of non-agricultural establishments were having 10 or more workers in Odisha was less than 2%.

In rural Odisha, out of 12.50 lakhs non-agricultural establishments 11.94 lakhs i.e. 95.54% were with workers in the size class of 1-5 persons and about 12.24 lakhs i.e. 97.90% of total non-agricultural establishments were functioning with less than 10 workers. The representation of non-agricultural establishments were having 10 or more workers in Odisha was 2.10% only.

Similarly in urban Odisha, out of 4.63 lakhs non-agricultural establishments, 4.35 lakhs i.e. 90.02% were with workers in the size class of 1-5 persons and about 4.57 lakhs or 98.57% of total non-agricultural establishments were functioning with less than 10 workers. The representation of non-agricultural establishments were having 10 or more workers in Odisha was less than 2%.

This section of the chapter discusses district wise major findings on non-agricultural establishments in Odisha based on the result of the 6th economic census.

4.15.1 ESTABLISHMENTS

Distribution of non-agricultural establishments in top ten districts of Odisha is shown in **table-4.14**

Table 4.14 : Sector & non-agricultural establishments wise top Ten District in Odisha

Rural				Urban			
Name of the District	No of non-agrl . Estt.	% share	Rank	Name of the District	No of non-agrl . Estt.	% share	Rank
Mayurbhanj	101741	8.14	1	**Khordha**	63328	13.67	1
Ganjam	98148	7.85	2	**Ganjam**	52290	11.29	2
Jajapur	90935	7.27	3	**Cuttack**	51385	11.09	3
Baleshwar	79705	6.38	4	**Sundargarh**	37351	8.06	4
Cuttack	75206	6.02	5	**Sambalpur**	22433	4.84	5
Puri	54888	4.39	6	**Puri**	19067	4.12	6
Kendujhar	53919	4.31	7	**Baleshwar**	18925	4.09	7
Sambalpur	53527	4.28	8	**Kendujhar**	15611	3.37	8
Khordha	49758	3.98	9	**Jajapur**	15521	3.35	9
Bargarh	47199	3.78	10	**Koraput**	15211	3.28	10
Sub-total	**705026**	**56.40**		**Sub-total**	**311122**	**67.18**	
Odisha	**1250081**	**100.00**		**Odisha**	**463138**	**100.00**	

It is observed that, in rural area Balangir district have contributed the maximum share in agricultural establishments 10.18%, followed by Kandhamal 8.03% and Kendrapara 6.21%. The top ten districts in rural area contributing more than 56% of the total agricultural establishments. Similarly, in urban area Ganjam district have contributed the maximum share in agricultural establishments 18.54%, followed by Puri 11.01% and Sundargarh 8.20%. The

top ten districts in urban area contributing more than 67% of the total agricultural establishments.

4.14.2 EMPLOYMENT IN NON-AGRICULTURAL ESTABLISHMENTS

Distribution of persons engaged in non-agricultural establishments of top ten districts in Odisha is shown in **table-4.15.**

Table 4.15 : Distribution of persons engaged in non-agricultural establishments of top ten districts

Rural				Urban			
Name of the District	No of non-agrl . Estt.	% share	Rank	Name of the District	No of non-agrl . Estt.	% share	Rank
Jajapur	233434	9.25	1	**Khordha**	175967	16.18	1
Mayurbhanj	219806	8.71	2	**Ganjam**	126042	11.59	2
Ganjam	178270	7.07	3	**Cuttack**	114567	10.53	3
Baleshwar	149801	5.94	4	**Sundargarh**	89135	8.19	4
Puri	144119	5.71	5	**Sambalpur**	52197	4.80	5
Cuttack	132881	5.27	6	**Puri**	44973	4.13	6
Kendujhar	120190	4.76	7	**Kendujhar**	41381	3.80	7
Kendrapara	105473	4.18	8	**Jajapur**	37308	3.43	8
Sambalpur	103467	4.10	9	**Baleshwar**	37347	3.43	9
Khordha	89021	3.53	10	**Koraput**	35536	3.27	10
Sub-total	**1476462**	**58.52**		Sub-total	**754453**	**69.35**	
Odisha	**2522854**	**100.00**		**Odisha**	**1087866**	**100.00**	

It is revealed from the result that, in rural area Jajapur district have contributed the maximum share 9.25% of employment in non-agricultural establishments, followed by Mayurbhanj 8.71% and Ganjam 7.07%. The top ten districts in rural area contributing more than 58% of employment in the total non-agricultural establishments. Similarly, in urban area Khordha district have contributed the maximum share 16.18% of employment in non-agricultural establishments, followed by Ganjam 11.59% and Cuttack 10.53%. The top ten districts in urban area contributing more than 69% of the total non-agricultural establishments.

District wise total number & percentage share of non-agricultural establishments reflected in **table 4.16(A) &4.16 (B).** Similarly employment situation was reflected in table **4.17(A) & 4.17 (B)**

Table 4.16 (A): District, sector & type wise distribution of non- agricultural establishments in Odisha.

Name of the District	Number of Establishments								
	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total
Bargarh	38619	8580	47199	7127	3350	10477	45746	11930	57676
Jharsuguda	14916	4106	19022	6988	4808	11796	21904	8914	30818
Sambalpur	42151	11376	53527	14651	7782	22433	56802	19158	75960
Debagarh	3815	2023	5838	811	514	1325	4626	2537	7163
Sundargarh	19004	10307	29311	24693	12658	37351	43697	22965	66662
Kendujhar	37093	16826	53919	8887	6724	15611	45980	23550	69530
Mayurbhanj	82039	19702	101741	8897	4691	13588	90936	24393	115329
Baleshwar	63377	16328	79705	12575	6350	18925	75952	22678	98630
Bhadrak	28921	12713	41634	8121	3705	11826	37042	16418	53460
Kendrapara	30871	13036	43907	4602	2083	6685	35473	15119	50592
Jagatsinghapur	25494	11423	36917	4494	2755	7249	29988	14178	44166
Cuttack	56898	18308	75206	31616	19769	51385	88514	38077	126591
Jajapur	60685	30250	90935	8797	6724	15521	69482	36974	106456
Dhenkanal	25824	10323	36147	5119	2808	7927	30943	13131	44074
Anugul	25725	8354	34079	7164	4772	11936	32889	13126	46015
Nayagarh	30554	6679	37233	5081	2036	7117	35635	8715	44350
Khordha	37010	12748	49758	37078	26250	63328	74088	38998	113086
Puri	37389	17499	54888	12500	6567	19067	49889	24066	73955
Ganjam	72457	25691	98148	34111	18179	52290	106568	43870	150438
Gajapati	9272	4775	14047	4207	1302	5509	13479	6077	19556
Kandhamal	11958	5692	17650	3709	1466	5175	15667	7158	22825
Baudh	12172	2908	15080	1298	316	1614	13470	3224	16694
Subarnapur	16799	4730	21529	4361	1344	5705	21160	6074	27234
Balangir	30259	9169	39428	8459	4327	12786	38718	13496	52214
Nuapada	11910	4982	16892	1515	1133	2648	13425	6115	19540
Kalahandi	32360	10650	43010	7397	3650	11047	39757	14300	54057
Rayagada	10818	6015	16833	6001	2665	8666	16819	8680	25499
Nabarangapur	26892	7540	34432	4513	1479	5992	31405	9019	40424
Koraput	20700	8280	28980	9212	5999	15211	29912	14279	44191
Malkangiri	9060	4026	13086	2224	724	2948	11284	4750	16034
Odisha	925042	325039	1250081	296208	166930	463138	1221250	491969	1713219

Figure 4.11

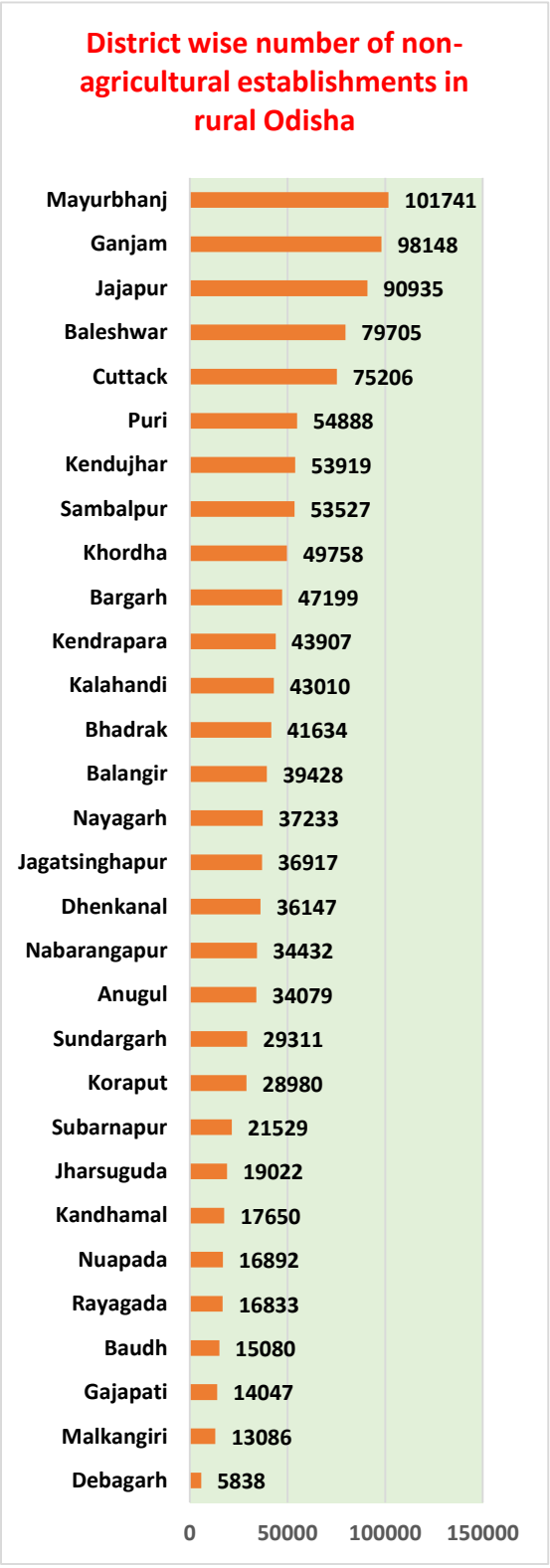


Figure 4.12

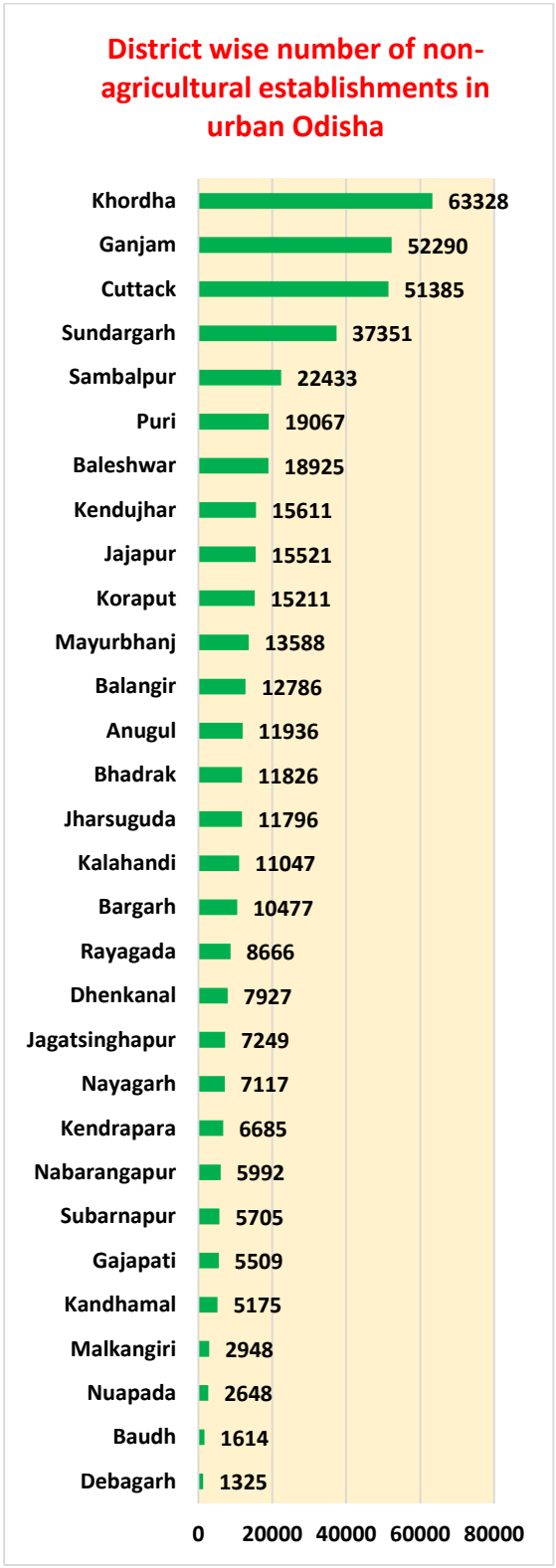


Table 4.16 (B): District, sector & type wise percentage distribution of non-agricultural establishments.									
Name of the District	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total	Without hired worker	With atleast one hired worker	Total
Bargarh	4.17	2.64	3.78	2.41	2.01	2.26	3.75	2.42	3.37
Jharsuguda	1.61	1.26	1.52	2.36	2.88	2.55	1.79	1.81	1.80
Sambalpur	4.56	3.50	4.28	4.95	4.66	4.84	4.65	3.89	4.43
Debagarh	0.41	0.62	0.47	0.27	0.31	0.29	0.38	0.52	0.42
Sundargarh	2.05	3.17	2.34	8.34	7.58	8.06	3.58	4.67	3.89
Kendujhar	4.01	5.18	4.31	3.00	4.03	3.37	3.76	4.79	4.06
Mayurbhanj	8.87	6.06	8.14	3.00	2.81	2.93	7.45	4.96	6.73
Baleshwar	6.85	5.02	6.38	4.25	3.80	4.09	6.22	4.61	5.76
Bhadrak	3.13	3.91	3.33	2.74	2.22	2.55	3.03	3.34	3.12
Kendrapara	3.34	4.01	3.51	1.55	1.25	1.44	2.90	3.07	2.95
Jagatsinghapur	2.76	3.51	2.95	1.52	1.65	1.57	2.46	2.88	2.58
Cuttack	6.15	5.63	6.02	10.67	11.84	11.09	7.25	7.74	7.39
Jajapur	6.56	9.31	7.27	2.97	4.03	3.35	5.69	7.52	6.21
Dhenkanal	2.79	3.18	2.89	1.73	1.68	1.71	2.53	2.67	2.57
Anugul	2.78	2.57	2.73	2.42	2.86	2.58	2.69	2.67	2.69
Nayagarh	3.30	2.05	2.98	1.72	1.22	1.54	2.92	1.77	2.59
Khordha	4.00	3.92	3.98	12.52	15.73	13.67	6.07	7.93	6.60
Puri	4.04	5.38	4.39	4.22	3.93	4.12	4.09	4.89	4.32
Ganjam	7.83	7.90	7.85	11.52	10.89	11.29	8.73	8.92	8.78
Gajapati	1.00	1.47	1.12	1.42	0.78	1.19	1.10	1.24	1.14
Kandhamal	1.29	1.75	1.41	1.25	0.88	1.12	1.28	1.45	1.33
Baudh	1.32	0.89	1.21	0.44	0.19	0.35	1.10	0.66	0.97
Subarnapur	1.82	1.46	1.72	1.47	0.81	1.23	1.73	1.23	1.59
Balangir	3.27	2.82	3.15	2.86	2.59	2.76	3.17	2.74	3.05
Nuapada	1.29	1.53	1.35	0.51	0.68	0.57	1.10	1.24	1.14
Kalahandi	3.50	3.28	3.44	2.50	2.19	2.39	3.26	2.91	3.16
Rayagada	1.17	1.85	1.35	2.03	1.60	1.87	1.38	1.76	1.49
Nabarangapur	2.91	2.32	2.75	1.52	0.89	1.29	2.57	1.83	2.36
Koraput	2.24	2.55	2.32	3.11	3.59	3.28	2.45	2.90	2.58
Malkangiri	0.98	1.24	1.05	0.75	0.43	0.64	0.92	0.97	0.94
All Odisha	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Table 4.17 (A): District, sector & type wise distribution of persons engaged in non-agricultural establishments.

Name of the District	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total
01 - Bargarh	59900	28939	88839	10173	11867	22040	70073	40806	110879
02 - Jharsuguda	18302	16184	34486	8159	26479	34638	26461	42663	69124
03 - Sambalpur	55247	48220	103467	17699	34498	52197	72946	82718	155664
04 - Debagarh	9308	7348	16656	1041	2150	3191	10349	9498	19847
05 - Sundargarh	24988	49556	74544	27772	61363	89135	52760	110919	163679
06 - Kendujhar	51355	68835	120190	10713	30668	41381	62068	99503	161571
07 - Mayurbhanj	150696	69110	219806	10585	18709	29294	161281	87819	249100
08 - Baleshwar	89753	60048	149801	13780	23567	37347	103533	83615	187148
09 - Bhadrak	33537	37515	71052	9232	13864	23096	42769	51379	94148
10 - Kendrapara	64863	40610	105473	6082	9017	15099	70945	49627	120572
11 - Jagatsinghapur	34763	31734	66497	5332	11603	16935	40095	43337	83432
12 - Cuttack	73066	59815	132881	36930	77637	114567	109996	137452	247448
13 - Jajapur	127750	105684	233434	13235	24073	37308	140985	129757	270742
14 - Dhenkanal	31837	32120	63957	5860	11371	17231	37697	43491	81188
15 - Anugul	33532	29421	62953	8221	20965	29186	41753	50386	92139
16 - Nayagarh	57181	21863	79044	6223	7243	13466	63404	29106	92510
17 - Khordha	45064	43957	89021	45064	130903	175967	90128	174860	264988
18 - Puri	89427	54692	144119	19319	25654	44973	108746	80346	189092
19 - Ganjam	95181	83089	178270	44258	81784	126042	139439	164873	304312
20 - Gajapati	14658	15267	29925	5468	5641	11109	20126	20908	41034
21 - Kandhamal	16877	16070	32947	5008	5742	10750	21885	21812	43697
22 - Baudh	18206	8895	27101	1614	1377	2991	19820	10272	30092
23 - Subarnapur	27393	13849	41242	6930	5686	12616	34323	19535	53858
24 - Balangir	38223	28557	66780	9767	16336	26103	47990	44893	92883
25 - Nuapada	15135	17319	32454	1874	4493	6367	17009	21812	38821
26 - Kalahandi	44659	31824	76483	9640	13241	22881	54299	45065	99364
27 - Rayagada	14304	20450	34754	8767	9911	18678	23071	30361	53432
28 - Nabarangapur	34276	21555	55831	5264	6133	11397	39540	27688	67228
29 - Koraput	38044	29526	67570	11330	24206	35536	49374	53732	103106
30 - Malkangiri	11249	12028	23277	3028	3317	6345	14277	15345	29622
All Odisha	1418774	1104080	2522854	368368	719498	1087866	1787142	1823578	3610720

Figure 4.13

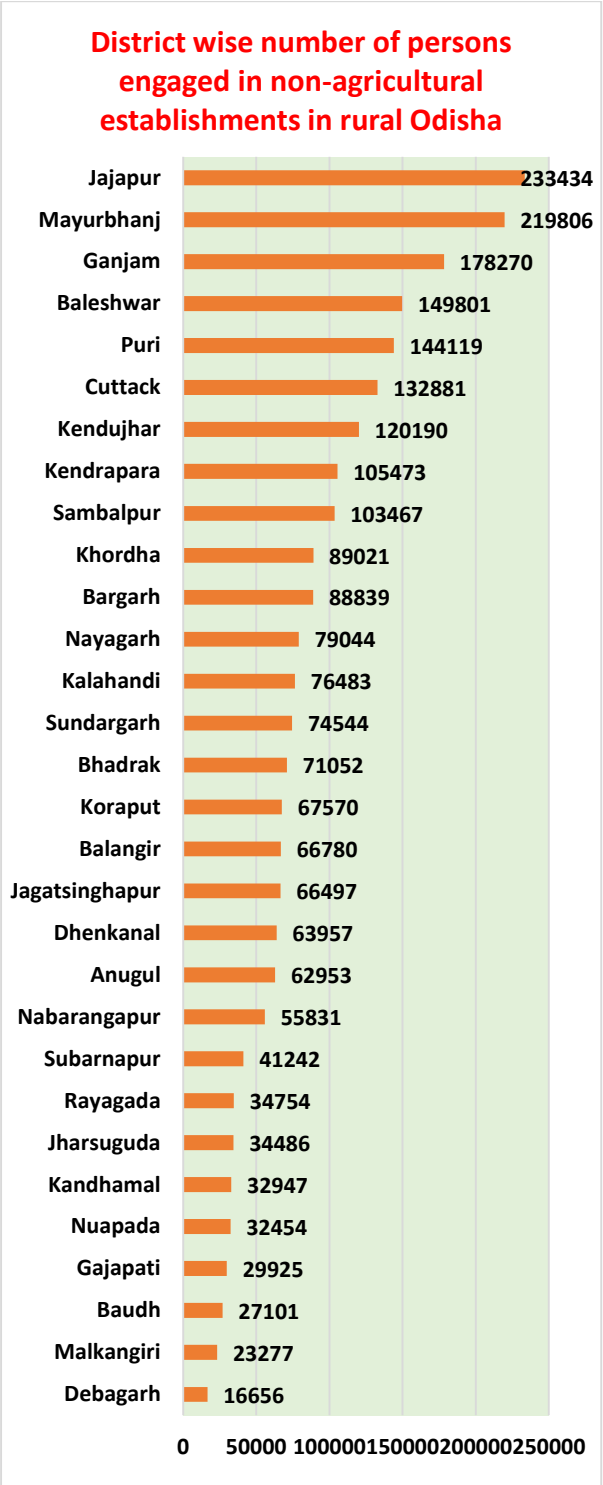


Figure 4.14

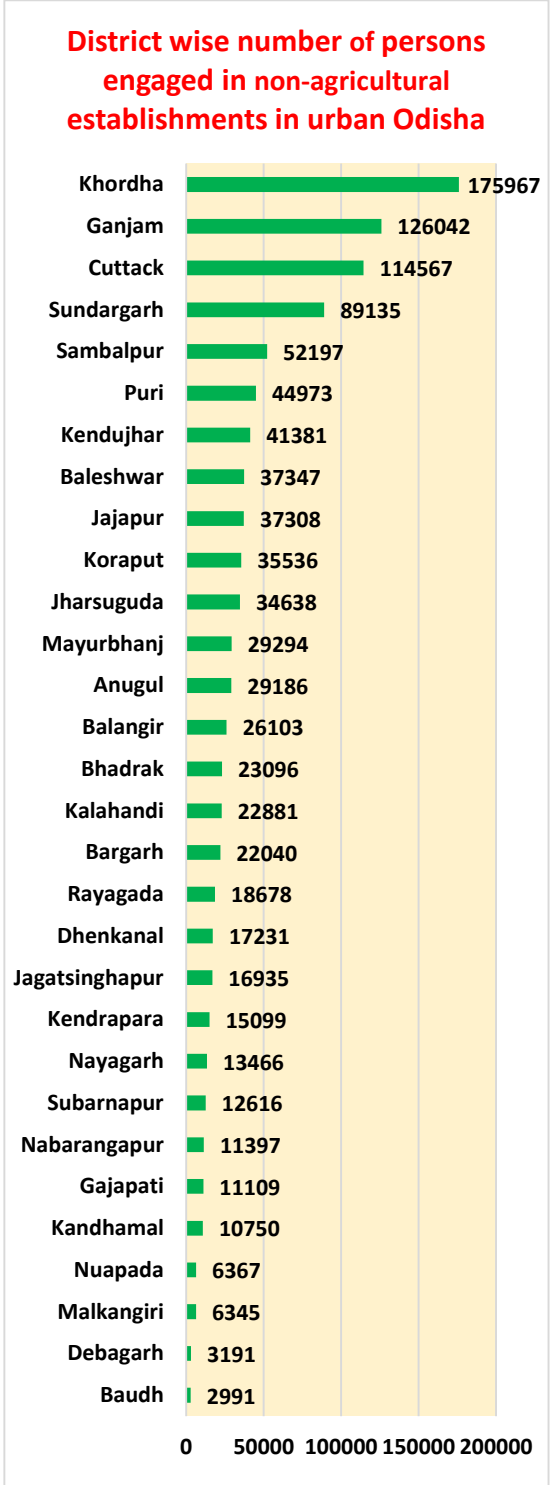
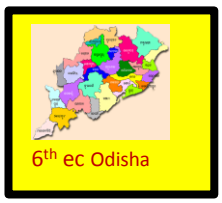


Table 4.17 (B): District, sector & type wise percentage distribution of persons engaged in non- agricultural establishments.

Name of the District	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total
01 - Bargarh	4.22	2.62	3.52	2.76	1.65	2.03	3.92	2.24	3.07
02 - Jharsuguda	1.29	1.47	1.37	2.21	3.68	3.18	1.48	2.34	1.91
03 - Sambalpur	3.89	4.37	4.10	4.80	4.79	4.80	4.08	4.54	4.31
04 - Debagarh	0.66	0.67	0.66	0.28	0.30	0.29	0.58	0.52	0.55
05 - Sundargarh	1.76	4.49	2.95	7.54	8.53	8.19	2.95	6.08	4.53
06 - Kendujhar	3.62	6.23	4.76	2.91	4.26	3.80	3.47	5.46	4.47
07 - Mayurbhanj	10.62	6.26	8.71	2.87	2.60	2.69	9.02	4.82	6.90
08 - Baleshwar	6.33	5.44	5.94	3.74	3.28	3.43	5.79	4.59	5.18
09 - Bhadrak	2.36	3.40	2.82	2.51	1.93	2.12	2.39	2.82	2.61
10 - Kendrapara	4.57	3.68	4.18	1.65	1.25	1.39	3.97	2.72	3.34
11 - Jagatsinghapur	2.45	2.87	2.64	1.45	1.61	1.56	2.24	2.38	2.31
12 - Cuttack	5.15	5.42	5.27	10.03	10.79	10.53	6.15	7.54	6.85
13 - Jajapur	9.00	9.57	9.25	3.59	3.35	3.43	7.89	7.12	7.50
14 - Dhenkanal	2.24	2.91	2.54	1.59	1.58	1.58	2.11	2.38	2.25
15 - Anugul	2.36	2.66	2.50	2.23	2.91	2.68	2.34	2.76	2.55
16 - Nayagarh	4.03	1.98	3.13	1.69	1.01	1.24	3.55	1.60	2.56
17 - Khordha	3.18	3.98	3.53	12.23	18.19	16.18	5.04	9.59	7.34
18 - Puri	6.30	4.95	5.71	5.24	3.57	4.13	6.08	4.41	5.24
19 - Ganjam	6.71	7.53	7.07	12.01	11.37	11.59	7.80	9.04	8.43
20 - Gajapati	1.03	1.38	1.19	1.48	0.78	1.02	1.13	1.15	1.14
21 - Kandhamal	1.19	1.46	1.31	1.36	0.80	0.99	1.22	1.20	1.21
22 - Baudh	1.28	0.81	1.07	0.44	0.19	0.27	1.11	0.56	0.83
23 - Subarnapur	1.93	1.25	1.63	1.88	0.79	1.16	1.92	1.07	1.49
24 - Balangir	2.69	2.59	2.65	2.65	2.27	2.40	2.69	2.46	2.57
25 - Nuapada	1.07	1.57	1.29	0.51	0.62	0.59	0.95	1.20	1.08
26 - Kalahandi	3.15	2.88	3.03	2.62	1.84	2.10	3.04	2.47	2.75
27 - Rayagada	1.01	1.85	1.38	2.38	1.38	1.72	1.29	1.66	1.48
28 - Nabarangapur	2.42	1.95	2.21	1.43	0.85	1.05	2.21	1.52	1.86
29 - Koraput	2.68	2.67	2.68	3.08	3.36	3.27	2.76	2.95	2.86
30 - Malkangiri	0.79	1.09	0.92	0.82	0.46	0.58	0.80	0.84	0.82
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00



CHAPTER V
HANDICRAFT/HANDLOOM ESTABLISHMENTS

5.1 GENERAL

Due to paucity of data on Handicraft/handloom sector, it was decided to capture the information regarding Handicraft & Handloom establishments for the first time during Sixth Economic Census**.** In the Sixth Economic Census it was decided to assess the number of handicraft and handloom establishments in the country and persons employed therein, so that the handicraft and handloom clusters could be identified in respect of each State/UT for undertaking further surveys for development of Satellite accounts for assessing the contribution of this important sector.

Handicraft/Handloom establishments are those which involved predominant role of human skills and performed by hands using traditional knowledge and simple tools. The following two categories of activities are excluded from the survey as they are may be made by hand but not distinguished by distinctive skills.

- All food items like papads, pickles, etc.
- Items like bricks, bidis, agarbattis, match sticks, firecrackers etc.

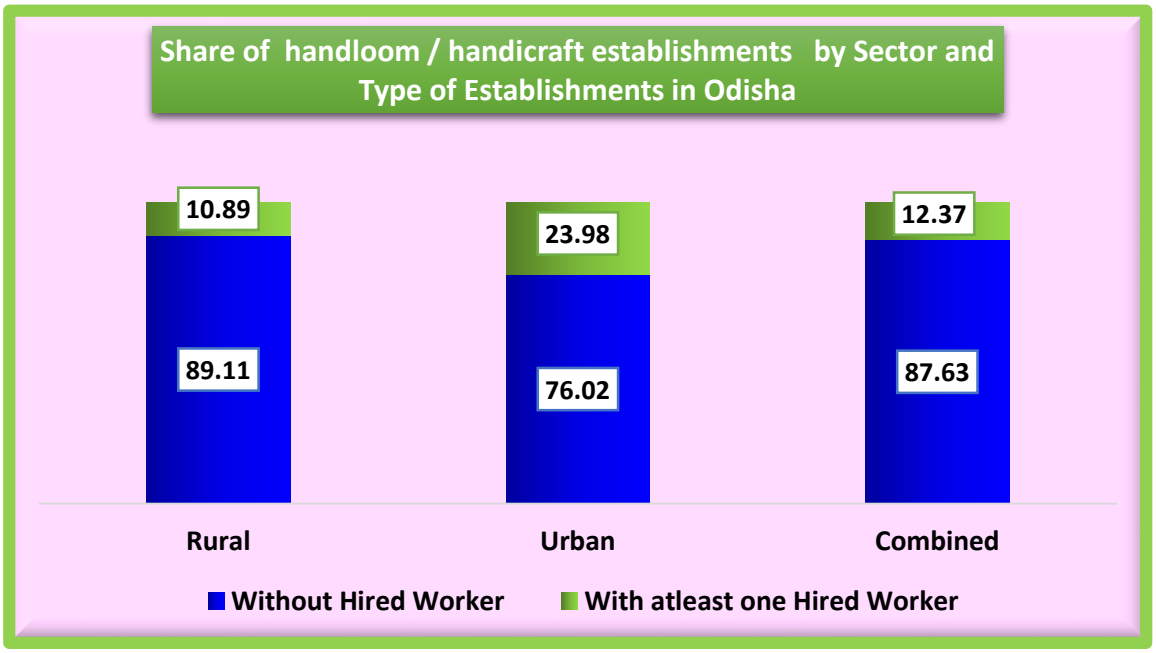
5.2 HANDICRAFT/HANDLOOM ESTABLISHMENTS

There were 20.89 lakhs establishments in Odisha, out of which 1.46 lakhs were handicraft/handloom establishments. Out of the total handicraft/handloom establishments 1.30 lakhs (88.72%) are located in rural area and 0.16 lakhs (11.38%) are located in urban area. Further, Out of the total handicraft/handloom establishments 1.28 lakhs (87.63%) are establishments without hired workers and 0.18 lakhs (12.37%) are establishments with at least one hired workers. In rural area the share of handicraft/handloom establishments without hired workers and with at least one hired workers are 89.11% and 10.89% respectively. Similarly in urban area the share of handicraft/handloom establishments without hired workers and with at least one hired workers are 76.02% and 23.98% respectively.

The distribution of handicraft/handloom establishments by sector and type are presented in **table-5.1** & **figure-5.1.** From the results of 6th Economic Census, it is noticed that both in rural and urban sectors of Odisha the percentage of handloom /handicraft establishments without hired workers is relatively higher than that of with hired workers.

Table : 5.1:Distribution of handloom / handicraft establishments by Sector and Type of Establishments in Odisha			
Type of establishment	**Rural**	**Urban**	**Combined**
Without hired worker	89.11	76.02	87.63
With at least one hired worker	10.89	23.98	12.37
Total	100	100	100

Figure-5.1



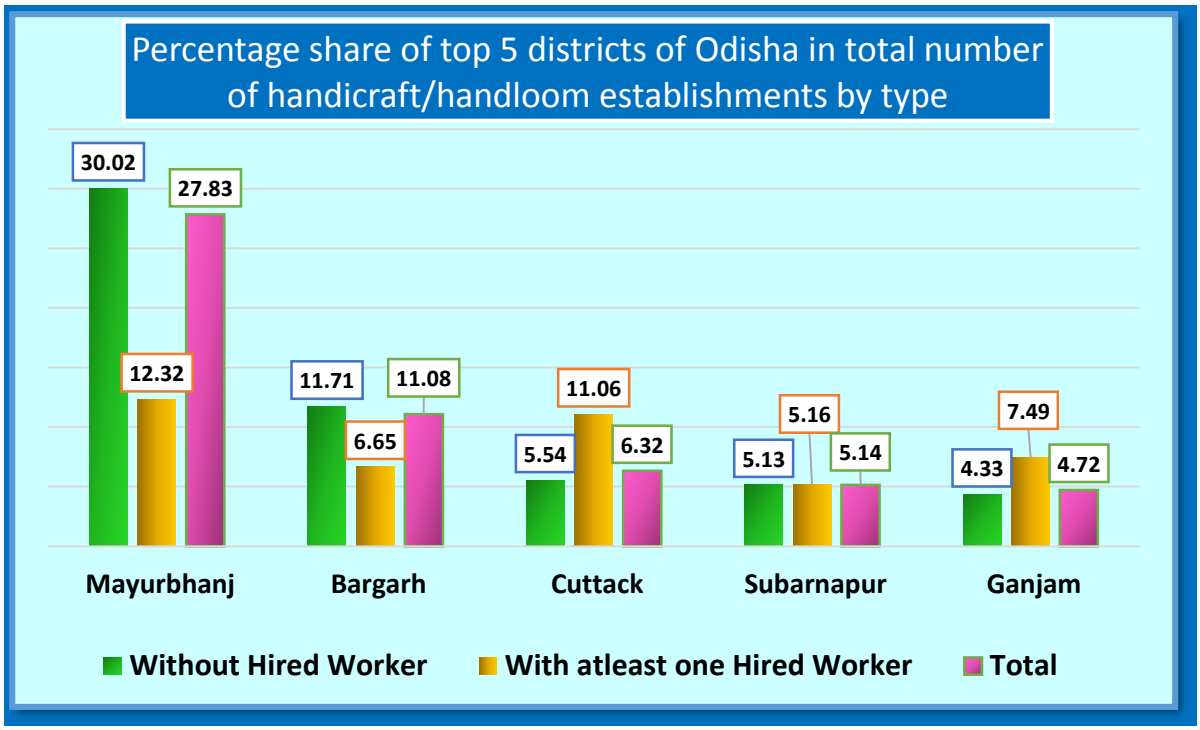
The district wise distribution of handicraft/handloom establishments is shown in the **table-5.2.** The top 5 districts according to the share in total number of handicraft/handloom establishments of Odisha are Mayurbhanj (27.83%), Bargarh (11.08%), Cuttack (6.32%), Subarnapur (5.14%) and Ganjam (4.72 %) shown in the **table 5.3** and **figure 5.2.**

Table-5.2: District wise distribution of handicraft/handloom establishments of Odisha by sector and type.

District	Type of establishment				Sector	
	Without hired worker	With at least one hired worker	Total	Percentage to state total	Rural	Urban
Bargarh	14993	1202	16195	11.08	14792	1403
Jharsuguda	1703	161	1864	1.28	1689	175
Sambalpur	3614	570	4184	2.86	3384	800
Debagarh	236	43	279	0.19	265	14
Sundargarh	1488	206	1694	1.16	1337	357
Kendujhar	3492	354	3846	2.63	3411	435
Mayurbhanj	38446	2226	40672	27.83	40130	542
Baleshwar	1864	508	2372	1.62	2157	215
Bhadrak	1284	353	1637	1.12	1420	217
Kendrapara	1704	383	2087	1.43	1841	246
Jagatsinghapur	1393	359	1752	1.20	1494	258
Cuttack	7099	2136	9235	6.32	7188	2047
Jajapur	3999	1999	5998	4.10	5208	790
Dhenkanal	2400	269	2669	1.83	2489	180
Anugul	1387	385	1772	1.21	1557	215
Nayagarh	4187	385	4572	3.13	4033	539
Khordha	1871	530	2401	1.64	1682	719
Puri	3275	815	4090	2.80	3315	775
Ganjam	5540	1353	6893	4.72	4894	1999
Gajapati	428	48	476	0.33	319	157
Kandhamal	1785	129	1914	1.31	1720	194
Baudh	4118	182	4300	2.94	3947	353
Subarnapur	6574	933	7507	5.14	6018	1489
Balangir	4776	942	5718	3.91	5229	489
Nuapada	1313	347	1660	1.14	1588	72
Kalahandi	4900	648	5548	3.80	4896	652
Rayagada	1611	190	1801	1.23	1377	424
Nabarangapur	597	48	645	0.44	590	55
Koraput	1686	328	2014	1.38	1434	580
Malkangiri	300	43	343	0.23	246	97
Odisha	**128063**	**18075**	**146138**	**100.00**	**129650**	**16488**

Table-5.3: Percentage share of top 5 districts in total number of handicraft/handloom establishments.			
District Name	**Without hired worker**	**With at least one hired worker**	**Total**
Mayurbhanj	30.02	12.32	27.83
Bargarh	11.71	6.65	11.08
Cuttack	5.54	11.06	6.32
Subarnapur	5.13	5.16	5.14
Ganjam	4.33	7.49	4.72

Figure-5.2



5.3 EMPLOYMENT IN HANDICRAFT/HANDLOOM ESTABLISHMENTS

There were 43.18 lakhs persons employed in different establishments in Odisha, out of which 3.06 lakhs persons were employed in 1.46 lakhs handicraft/handloom establishments. The number of persons employed per handicraft/handloom establishment works out to 2.09. Out of the total employment in handicraft/handloom establishments 2.69 lakhs (87.90%) persons were working in rural area and 0.37 lakhs (12.10%) persons were working in urban area. Further, out of the total employment 2.47 lakhs (80.73%) were working in establishments without hired workers and 0.59 lakhs (12.37%) were working in establishments with at least one hired workers.

Table 5.4: District wise number of persons employed by sector and type of handicraft/ handloom establishments of Odisha

Name of Districts	Rural			Urban			Odisha			% share of district
	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	Without hired worker	With at least one hired worker	Total	
Bargarh	28907	3093	32000	3405	158	3563	32312	3251	35563	11.64
Jharsuguda	2289	285	2574	193	986	1179	2482	1271	3753	1.23
Sambalpur	4522	730	5252	745	853	1598	5267	1583	6850	2.24
Debagarh	352	90	442	4	28	32	356	118	474	0.16
Sundargarh	1871	377	2248	376	276	652	2247	653	2900	0.95
Kendujhar	5592	950	6542	597	248	845	6189	1198	7387	2.42
Mayurbhanj	85200	6923	92123	692	324	1016	85892	7247	93139	30.48
Baleshwar	2632	1023	3655	129	365	494	2761	1388	4149	1.36
Bhadrak	1800	802	2602	184	265	449	1984	1067	3051	1.00
Kendrapara	2534	841	3375	223	329	552	2757	1170	3927	1.29
Jagatsinghapur	1751	852	2603	288	154	442	2039	1006	3045	1.00
Cuttack	8907	4169	13076	2467	2443	4910	11374	6612	17986	5.89
Jajapur	6749	5847	12596	817	1018	1835	7566	6865	14431	4.72
Dhenkanal	3374	573	3947	143	203	346	3517	776	4293	1.41
Anugul	2216	929	3145	196	250	446	2412	1179	3591	1.18
Nayagarh	6234	1061	7295	691	256	947	6925	1317	8242	2.70
Khordha	1949	1285	3234	747	989	1736	2696	2274	4970	1.63
Puri	5546	2898	8444	2079	770	2849	7625	3668	11293	3.70
Ganjam	6592	2779	9371	2576	1881	4457	9168	4660	13828	4.53
Gajapati	461	108	569	256	28	284	717	136	853	0.28
Kandhamal	2725	204	2929	269	164	433	2994	368	3362	1.10
Baudh	7155	442	7597	506	16	522	7661	458	8119	2.66
Subarnapur	10826	2429	13255	2602	288	2890	13428	2717	16145	5.28
Balangir	7759	2640	10399	511	388	899	8270	3028	11298	3.70
Nuapada	2168	1053	3221	76	54	130	2244	1107	3351	1.10
Kalahandi	8009	1248	9257	725	635	1360	8734	1883	10617	3.47
Rayagada	2198	392	2590	543	239	782	2741	631	3372	1.10
Nabarangapur	993	113	1106	46	59	105	1039	172	1211	0.40
Koraput	2198	490	2688	552	479	1031	2750	969	3719	1.22
Malkangiri	371	75	446	137	44	181	508	119	627	0.21
Odisha	**223880**	**44701**	**268581**	**22775**	**14190**	**36965**	**246655**	**58891**	**305546**	**100**

In rural area the share of persons employed in establishments without hired workers and with at least one hired workers were 83.36 % and 16.64% respectively. Similarly, in urban

area the share of persons employed in establishments without hired workers and with at least one hired workers were 61.61% and 38.39% respectively.

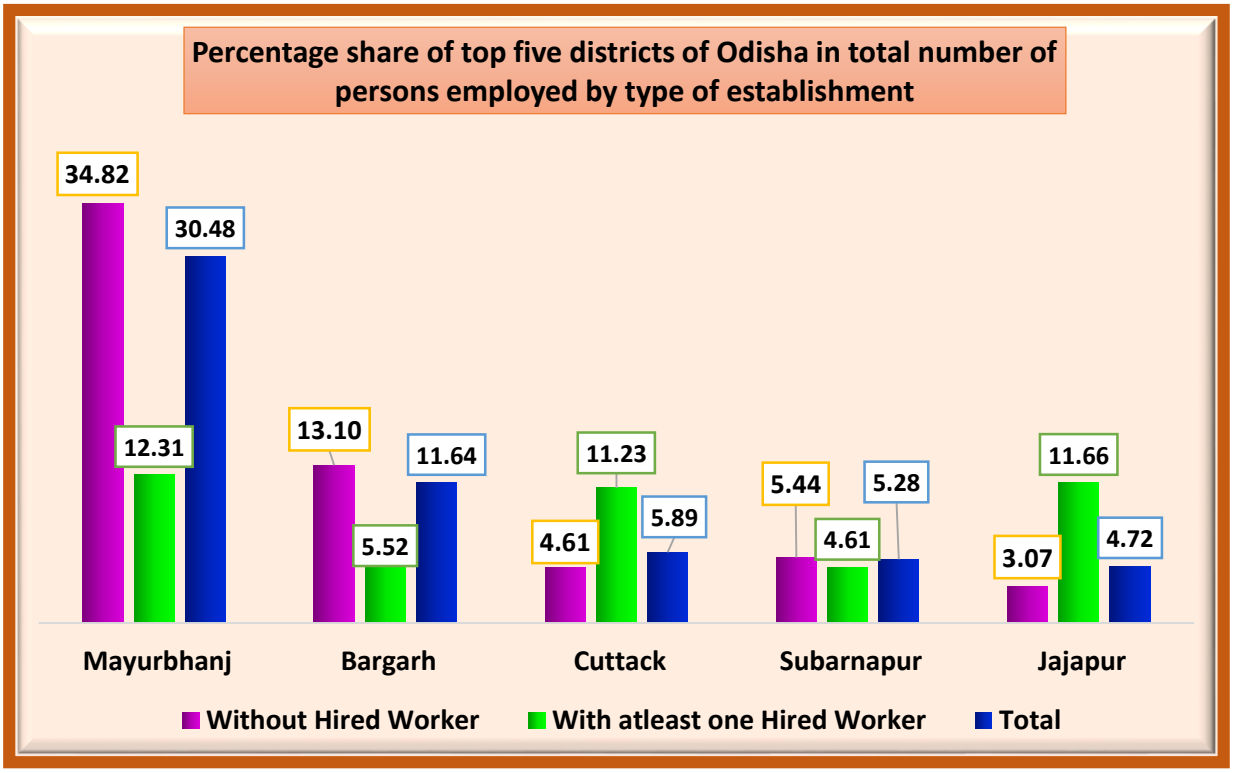
The district wise distribution of persons employed in handicraft/handloom establishments by sector and type are presented in **table-5.4** and the percentage share of persons employed in handicraft/handloom establishments of top 5 districts are presented in **table-5.5** & **figure 5.3.**

It is revealed from the result that, Mayurbhanj district have contributed the maximum share 30.48% of employment in handloom/handicraft establishments, followed by Bargarh 11.64% and Cuttack 5.89%. The minimum share of employment in handloom/handicraft establishments 0.16% was contributed by Debagarh district, followed by Malkangiri 0.21% and Gajapati 0.28%. The top five districts have contributed more than 58% of employment in the total handloom/handicraft establishments. In establishment without hired worker Mayurbhanj district have contributed the maximum share 34.82% of employments, followed by Bargarh 13.10% and Cuttack 4.61%. The minimum share of employment in handloom/handicraft establishments without hired worker 0.14% was contributed by Debagarh district, followed by Malkangiri 0.21%. The top five districts have contributed more than 61% of employment in the total handloom/handicraft establishments without hired worker. Similarly, in establishment with hired worker Mayurbhanj district have contributed the maximum share 12.31% of employments, followed by Jajapur 11.66% and Cuttack 11.23%. The minimum share of employment in handloom/handicraft establishments with hired worker 0.14% was contributed by Debagarh district, followed by Malkangiri 0.21%.

Table-5.5 : Percentage share of top five districts in total number of persons employed by type of handicraft/handloom establishments

Name of District	Without hired worker	With at least one hired worker	Total
Mayurbhanj	34.82	12.31	30.48
Bargarh	13.10	5.52	11.64
Cuttack	4.61	11.23	5.89
Subarnapur	5.44	4.61	5.28
Jajapur	3.07	11.66	4.72

Figure-5.3



5.4 DISTRIBUTION OF OWNERSHIP BY TYPE OF HANDICRAFT/HANDLOOM ESTABLISHMENTS

The distribution of handloom/handicraft establishments by type of ownership is given in **Table 5.6**. Out of total 1.46 lakh handloom/handicraft establishments in Odisha, the highest 1.43 lakh (98.13%) belongs to private proprietary ownership and rest 1.87% of handloom/handicraft establishments belongs to different categories of ownerships. Numbers of establishments under Government /PSU ownership was 293(0.20%), under private partnership 320 (0.22%) under private company 191(0.13%), under private self-help groups 443(0.30%), under private cooperative 238(0.16%), under private non-profit institutions 42(0.03%) and under private others 1206(0.83%).

Under private proprietary ownership the highest number of owners 40544(28.27%) belongs to Mayurbhanj district followed by 16012 (11.17%) belongs to Baragarh district.

The number of persons employed under different categories of ownerships along with district wise position is presented in the **table-5.7**.

Table-5.6: District wise distribution of handloom / handicraft establishments by type of ownership in Odisha.

Name of District	Type of ownership								
	Govt / PSU	Private: Proprietary	Private: Partnership	Private : Company	Self Help Group	Co-operative	Non-profit Institution	Others	Total
Bargarh	14	16012	55	0	15	60	0	39	16195
Jharsuguda	20	1760	7	3	0	10	6	58	1864
Sambalpur	5	3860	22	120	0	0	1	176	4184
Debagarh	2	259	0	1	0	0	2	15	279
Sundargarh	8	1647	1	21	1	0	1	15	1694
Kendujhar	7	3818	3	1	11	1	0	5	3846
Mayurbhanj	11	40544	14	0	6	6	4	87	40672
Baleshwar	37	2265	7	1	4	1	4	53	2372
Bhadrak	4	1617	2	0	0	0	0	14	1637
Kendrapara	10	2014	7	1	7	3	1	44	2087
Jagatsinghapur	20	1695	3	0	6	3	3	22	1752
Cuttack	18	8893	17	16	30	104	0	157	9235
Jajapur	11	5861	5	1	91	5	2	22	5998
Dhenkanal	14	2621	3	0	1	0	1	29	2669
Anugul	9	1725	30	0	0	1	2	5	1772
Nayagarh	13	4448	6	14	64	5	2	20	4572
Khordha	34	2277	4	3	2	10	1	70	2401
Puri	13	3766	35	0	173	4	2	97	4090
Ganjam	7	6704	58	3	1	12	4	104	6893
Gajapati	0	471	0	0	1	0	0	4	476
Kandhamal	1	1904	2	0	0	0	0	7	1914
Baudh	1	4281	1	0	6	0	0	11	4300
Subarnapur	7	7463	16	0	1	1	1	18	7507
Balangir	5	5669	11	2	4	10	0	17	5718
Nuapada	1	1627	3	0	1	1	0	27	1660
Kalahandi	1	5492	0	0	0	0	1	54	5548
Rayagada	2	1771	3	4	8	1	1	11	1801
Nabarangapur	1	635	1	0	1	0	2	5	645
Koraput	15	1969	3	0	9	0	1	17	2014
Malkangiri	2	337	1	0	0	0	0	3	343
All Odisha	**293**	**143405**	**320**	**191**	**443**	**238**	**42**	**1206**	**146138**
% share	**0.20**	**98.13**	**0.22**	**0.13**	**0.30**	**0.16**	**0.03**	**0.83**	**100**

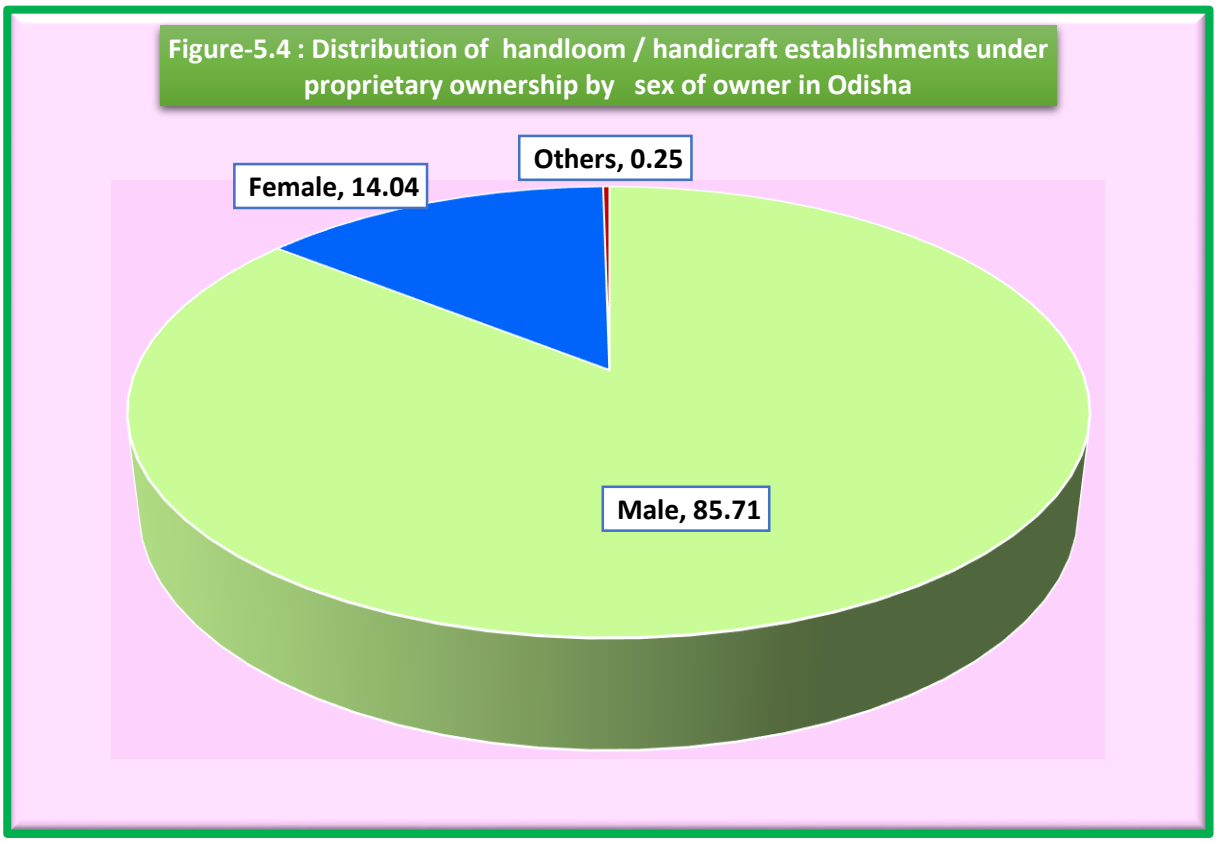
Table-5.7: District wise distribution of persons employed in handloom / handicraft establishments by type of Ownership in Odisha

Name of District	Ownership code								
	Govt / PSU	Proprietary	Partnership	Company	Self Help Group	Co-operative	Non-profit Institution	Others	Total
Bargarh	31	35214	105	0	28	101	0	84	35563
Jharsuguda	865	2708	31	4	0	14	13	118	3753
Sambalpur	6	6375	52	176	0	0	3	238	6850
Debagarh	3	449	0	1	0	0	3	18	474
Sundargarh	14	2804	23	21	6	0	1	31	2900
Kendujhar	47	7043	8	127	75	80	0	7	7387
Mayurbhanj	17	92112	45	0	51	687	8	219	93139
Baleshwar	44	3942	14	10	40	6	4	89	4149
Bhadrak	10	3008	3	0	0	0	0	30	3051
Kendrapara	23	3654	28	2	106	3	1	110	3927
Jagatsinghapur	24	2902	20	0	40	20	6	33	3045
Cuttack	34	16946	51	26	226	206	0	497	17986
Jajapur	165	12771	21	1	1084	255	2	132	14431
Dhenkanal	18	4195	10	0	6	0	10	54	4293
Anugul	16	3453	106	0	0	2	5	9	3591
Nayagarh	119	7133	30	28	752	86	8	86	8242
Khordha	212	4407	15	19	20	125	3	169	4970
Puri	156	7879	455	0	2172	222	3	406	11293
Ganjam	66	13284	203	48	10	31	8	178	13828
Gajapati	0	839	0	0	1	0	0	13	853
Kandhamal	2	3344	7	0	0	0	0	9	3362
Baudh	2	8077	3	0	14	0	0	23	8119
Subarnapur	11	16045	30	0	12	7	5	35	16145
Balangir	14	11118	47	33	12	11	0	63	11298
Nuapada	1	3268	5	0	1	3	0	73	3351
Kalahandi	1	10493	0	0	0	0	2	121	10617
Rayagada	3	3160	8	38	111	6	6	40	3372
Nabarangapur	5	1158	28	0	1	0	8	11	1211
Koraput	32	3565	4	0	64	0	7	47	3719
Malkangiri	3	617	2	0	0	0	0	5	627
All Odisha	1944	291963	1354	534	4832	1865	106	2948	305546
% share	0.64	95.55	0.44	0.17	1.58	0.61	0.03	0.96	100

5.5 : DISTRIBUTION OF HANDICRAFT/HANDLOOM ESTABLISHMENTS BY TYPE OF SEX OF OWNER

In 1.43 lakh proprietary handicraft/handloom establishments, the share of male, female and other category of owner were 1.23 lakh (85.71%), 0.20 lakh (14.04%) and 364 numbers (0.25%) respectively. In rural areas out of 1.28 lakh proprietary handicraft/handloom establishments, the share of male, female and other category of owner were 1.09 lakh (85.68%), 0.18 lakh (14.05%) and 340 numbers(0.27%) respectively. Similarly, in urban areas out of 0.16 lakh proprietary handicraft/handloom establishments, the share of male and female category of owner were 0.14 lakh (85.94%) and 0.02 lakh (13.90%) respectively.

The distribution of proprietary handloom/handicraft establishments by type of sex of owner is presented in **Figure-5.4.**



The district wise distribution of proprietary handloom/handicraft establishments by type of sex of owner is given in **Table 5.8** and number of persons employed there in is given in **Table 5.9**.

Table-5.8 District wise total number of handloom / handicraft establishments under proprietary ownership by sex of owner in Odisha

District	Rural Odisha				All Odisha			
	Sex				Sex			
	Male	Female	Others	Total	Male	Female	Others	Total
Bargarh	13865	739	8	14612	15207	797	8	16012
Jharsuguda	700	906	4	1610	807	948	5	1760
Sambalpur	2370	827	9	3206	2869	981	10	3860
Debagarh	211	30	4	245	223	32	4	259
Sundargarh	1102	190	2	1294	1408	237	2	1647
Kendujhar	3080	284	22	3386	3369	427	22	3818
Mayurbhanj	32183	7778	47	40008	32552	7944	48	40544
Baleshwar	1844	216	12	2072	2019	234	12	2265
Bhadrak	1310	96	1	1407	1502	114	1	1617
Kendrapara	1592	188	2	1782	1775	237	2	2014
Jagatsinghapur	1183	251	10	1444	1385	299	11	1695
Cuttack	6279	778	39	7096	7884	967	42	8893
Jajapur	4401	667	15	5083	4996	849	16	5861
Dhenkanal	2138	305	9	2452	2280	331	10	2621
Anugul	1399	116	1	1516	1576	148	1	1725
Nayagarh	3345	562	6	3913	3812	630	6	4448
Khordha	1431	161	1	1593	2007	269	1	2277
Puri	2603	450	44	3097	3153	563	50	3766
Ganjam	4073	700	6	4779	5754	936	14	6704
Gajapati	269	46	0	315	416	55	0	471
Kandhamal	1187	523	1	1711	1343	560	1	1904
Baudh	3430	471	28	3929	3772	481	28	4281
Subarnapur	5683	296	4	5983	7054	405	4	7463
Balangir	4725	433	26	5184	5174	469	26	5669
Nuapada	1450	99	6	1555	1518	103	6	1627
Kalahandi	4465	378	1	4844	5045	445	2	5492
Rayagada	1143	210	1	1354	1481	289	1	1771
Nabarangapur	497	72	12	581	535	88	12	635
Koraput	1250	149	10	1409	1710	249	10	1969
Malkangiri	209	25	9	243	286	42	9	337
All Odisha	**109417**	**17946**	**340**	**127703**	**122912**	**20129**	**364**	**143405**
% share	**85.68**	**14.05**	**0.27**	**100**	**85.71**	**14.04**	**0.25**	**100**

Table-5.9 : District wise distribution of persons employed in proprietary handloom / handicraft establishments by sex of owner

District	Rural Odisha				All Odisha			
	Sex				Sex			
	Male	Female	Others	Total	Male	Female	Others	Total
Bargarh	30440	1208	15	31663	33887	1312	15	35214
Jharsuguda	1149	1280	9	2438	1350	1348	10	2708
Sambalpur	4000	1000	20	5020	5064	1289	22	6375
Debagarh	372	37	8	417	400	41	8	449
Sundargarh	1865	283	14	2162	2430	360	14	2804
Kendujhar	5700	463	48	6211	6268	727	48	7043
Mayurbhanj	76081	14913	121	91115	76861	15128	123	92112
Baleshwar	3123	340	26	3489	3551	365	26	3942
Bhadrak	2409	159	3	2571	2793	212	3	3008
Kendrapara	2724	419	3	3146	3132	519	3	3654
Jagatsinghapur	2041	441	26	2508	2349	525	28	2902
Cuttack	11311	1349	81	12741	15107	1750	89	16946
Jajapur	9280	1634	48	10962	10747	1975	49	12771
Dhenkanal	3430	421	23	3874	3709	460	26	4195
Anugul	2848	174	1	3023	3223	229	1	3453
Nayagarh	5292	896	11	6199	6117	1005	11	7133
Khordha	2605	220	7	2832	3941	459	7	4407
Puri	5012	1108	108	6228	6308	1447	124	7879
Ganjam	7663	1284	15	8962	11506	1745	33	13284
Gajapati	486	70	0	556	752	87	0	839
Kandhamal	2065	843	4	2912	2419	921	4	3344
Baudh	6815	690	52	7557	7317	708	52	8077
Subarnapur	12596	567	10	13173	15288	747	10	16045
Balangir	9379	795	53	10227	10221	844	53	11118
Nuapada	2896	230	12	3138	3022	234	12	3268
Kalahandi	8522	624	1	9147	9728	761	4	10493
Rayagada	2034	360	7	2401	2610	543	7	3160
Nabarangapur	945	87	26	1058	1017	115	26	1158
Koraput	2284	274	23	2581	3126	416	23	3565
Malkangiri	376	43	23	442	524	70	23	617
All Odisha	**225743**	**32212**	**798**	**258753**	**254767**	**36342**	**854**	**291963**
% share	**87.24**	**12.45**	**0.31**	**100**	**87.26**	**12.45**	**0.29**	**100**

5.6: DISTRIBUTION OF HANDICRAFT/HANDLOOM ESTABLISHMENTS BY RELIGION OF OWNERS

The district wise distribution of proprietary handloom/handicraft establishments by religion of owner and persons employed there in are given in **Table 5.10** and **Table 5.11**.

Table-5.10: District wise distribution of proprietary handloom/handicraft establishments by religion of owner in Odisha

District	Type of Religion								
	Hindu	Islam	Christian	Sikh	Buddhist	Parsi	Jain	Others	Total
Bargarh	15762	14	85	2	1	0	7	141	16012
Jharsuguda	1541	42	26	0	3	3	0	145	1760
Sambalpur	3579	66	77	12	2	0	14	110	3860
Debagarh	240	5	2	0	0	0	0	12	259
Sundargarh	1415	61	68	0	0	0	0	103	1647
Kendujhar	3678	51	12	0	0	0	0	77	3818
Mayurbhanj	38196	619	369	19	8	5	44	1284	40544
Baleshwar	1990	101	27	7	1	1	3	135	2265
Bhadrak	1494	78	5	0	0	0	0	40	1617
Kendrapara	1870	55	20	2	1	0	6	60	2014
Jagatsinghapur	1480	37	68	1	1	1	1	106	1695
Cuttack	7170	136	22	2	1213	1	9	340	8893
Jajapur	5477	238	16	3	3	2	19	103	5861
Dhenkanal	2510	14	4	2	43	0	1	47	2621
Anugul	1654	11	15	0	3	1	4	37	1725
Nayagarh	4259	40	15	4	6	3	16	105	4448
Khordha	2127	32	2	0	0	0	1	115	2277
Puri	3535	45	13	3	1	1	1	167	3766
Ganjam	6341	83	28	2	2	0	4	244	6704
Gajapati	376	3	84	0	0	0	0	8	471
Kandhamal	1332	31	457	3	0	0	0	81	1904
Baudh	4211	6	15	1	0	0	6	42	4281
Subarnapur	7273	17	23	0	0	0	3	147	7463
Balangir	5553	18	26	0	1	0	4	67	5669
Nuapada	1554	12	2	1	0	2	1	55	1627
Kalahandi	5203	40	76	6	2	1	5	159	5492
Rayagada	1669	16	61	0	0	0	4	21	1771
Nabarangapur	603	10	4	0	0	0	0	18	635
Koraput	1820	19	73	2	1	1	1	52	1969
Malkangiri	318	1	15	0	0	0	0	3	337
All Odisha	**134230**	**1901**	**1710**	**72**	**1292**	**22**	**154**	**4024**	**143405**
% share	**93.60**	**1.33**	**1.19**	**0.05**	**0.90**	**0.02**	**0.11**	**2.81**	**100**

Table-5.11 : District wise distribution of persons employed in proprietary handloom / handicraft establishments by religion of owner in Odisha

District	Religion								
	Hindu	Islam	Christian	Sikh	Buddhist	Parsi	Jain	Others	Total
Bargarh	34692	23	199	6	1	0	13	280	35214
Jharsuguda	2382	55	47	0	5	4	0	215	2708
Sambalpur	5836	119	142	37	3	0	25	213	6375
Debagarh	417	9	4	0	0	0	0	19	449
Sundargarh	2406	86	96	0	0	0	0	216	2804
Kendujhar	6750	119	17	0	0	0	0	157	7043
Mayurbhanj	86650	1396	818	42	18	12	109	3067	92112
Baleshwar	3436	226	39	10	1	2	3	225	3942
Bhadrak	2816	114	8	0	0	0	0	70	3008
Kendrapara	3311	131	54	4	1	0	10	143	3654
Jagatsinghapur	2538	65	104	1	1	1	6	186	2902
Cuttack	13472	358	45	3	2418	2	17	631	16946
Jajapur	11928	488	38	8	9	5	42	253	12771
Dhenkanal	3920	19	5	6	111	0	1	133	4195
Anugul	3282	25	25	0	3	2	6	110	3453
Nayagarh	6797	51	23	5	9	4	32	212	7133
Khordha	4103	58	2	0	0	0	3	241	4407
Puri	7263	98	17	5	3	2	2	489	7879
Ganjam	12530	179	58	6	2	0	9	500	13284
Gajapati	652	5	171	0	0	0	0	11	839
Kandhamal	2398	62	733	6	0	0	0	145	3344
Baudh	7947	14	28	1	0	0	8	79	8077
Subarnapur	15620	33	54	0	0	0	9	329	16045
Balangir	10858	44	39	0	1	0	13	163	11118
Nuapada	3090	22	3	4	0	3	2	144	3268
Kalahandi	9822	109	173	13	4	2	8	362	10493
Rayagada	2948	34	104	0	0	0	10	64	3160
Nabarangapur	1103	19	4	0	0	0	0	32	1158
Koraput	3278	30	114	6	1	2	4	130	3565
Malkangiri	579	3	30	0	0	0	0	5	617
All Odisha	**272824**	**3994**	**3194**	**163**	**2591**	**41**	**332**	**8824**	**291963**
% share	**93.44**	**1.37**	**1.09**	**0.06**	**0.89**	**0.01**	**0.11**	**3.02**	**100**

In 1.43 lakh proprietary handicraft/handloom establishments, the share of Hindu religious owners were 1.34 lakh (93.60%) which is the highest among other religious owners. The share of Islam religious owners were 0.02 lakh (1.33 %) and that of Christian were about

0.02 lakh (1.19 %). The share of Buddhist religious owners were about 0.01 lakh (0.90 %) and share of other religions are negligible.

5.11 SOCIAL GROUP OF THE OWNER OF PROPRIETARY HANDICRAFT/HANDLOOM ESTABLISHMENTS

The social group wise distribution of the owner of proprietary handicraft/handloom establishments and persons employed there in are given in **Table 5.12, Table 5.13 and figure 5.9.**

In the 1.43 lakh proprietary handicraft/handloom establishments, the share of SC, ST, OBC and other category of owners were 0.32 lakhs (22.54%), 0.30 lakhs (21.21%), 0.68 lakhs (47.11%) and 0.13 lakhs (9.14%) respectively. In rural areas the share of SC, ST, OBC and other category of owners (22.18%) respectively. Similarly, in urban areas the share of SC, ST, OBC and other category of owners were 0.46 lakhs (11.10%), 0.16 lakhs (3.89%), 1.47 lakh (36.30%) and 1.98 lakh (48.71%) respectively. Representation of OBC category of owner was highest in rural area but others category of owner was highest in urban area.

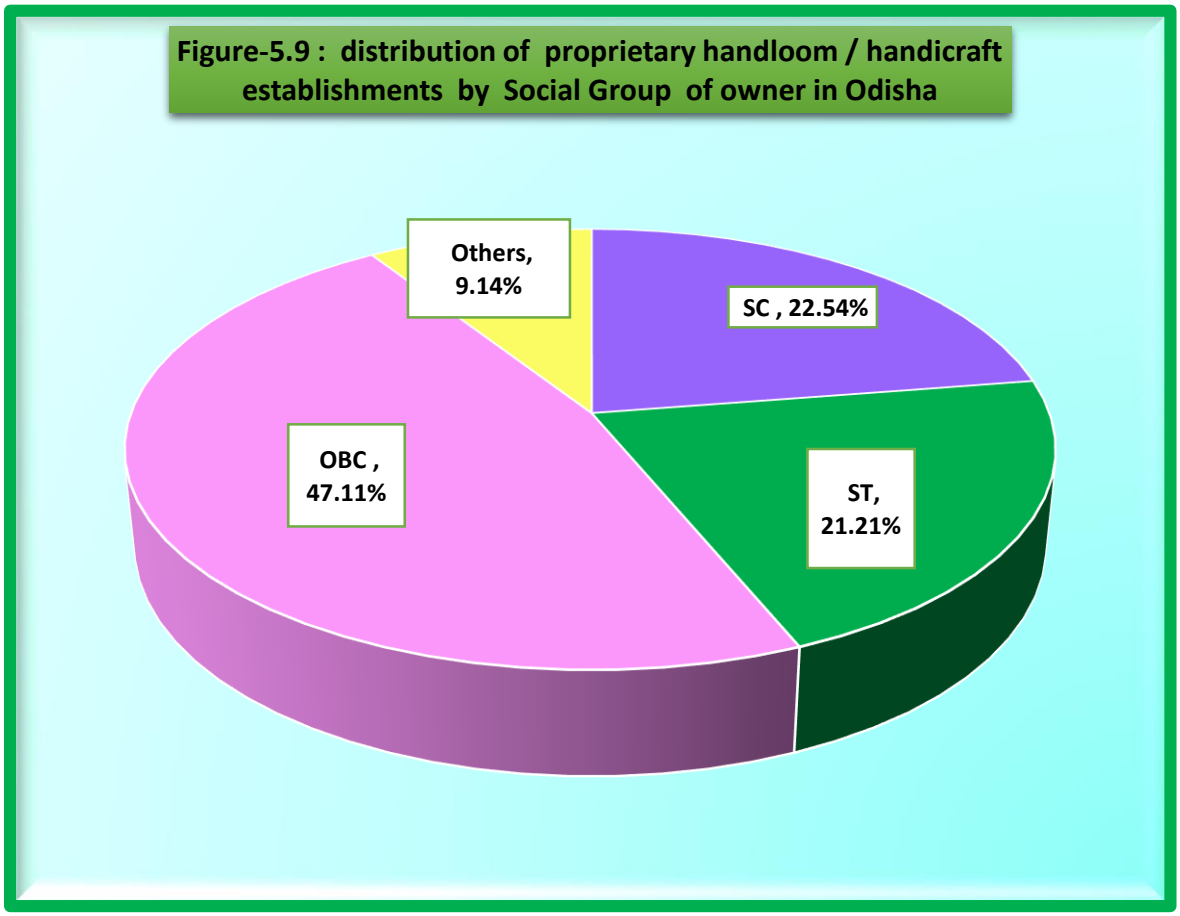


Table-5.12 District wise distribution of proprietary handloom / handicraft establishments by Social Group of owner in Odisha

District	Rural Odisha					All Odisha				
	Social Group					Social Group				
	SC	ST	OBC	Others	Total	SC	ST	OBC	Others	Total
Bargarh	4960	1562	7743	347	14612	5099	1630	8906	377	16012
Jharsuguda	437	783	261	129	1610	467	806	320	167	1760
Sambalpur	995	1187	789	235	3206	1135	1241	1035	449	3860
Debagarh	86	41	104	14	245	88	41	108	22	259
Sundargarh	299	387	470	138	1294	322	422	592	311	1647
Kendujhar	1573	560	1118	135	3386	1616	598	1424	180	3818
Mayurbhanj	5780	18686	12570	2972	40008	5946	18769	12692	3137	40544
Baleshwar	898	137	817	220	2072	911	144	899	311	2265
Bhadrak	480	27	787	113	1407	502	29	879	207	1617
Kendrapara	763	66	813	140	1782	866	68	884	196	2014
Jagatsinghapur	467	14	768	195	1444	502	16	932	245	1695
Cuttack	1604	122	4613	757	7096	1701	132	5633	1427	8893
Jajapur	1438	225	2975	445	5083	1567	243	3377	674	5861
Dhenkanal	1316	163	840	133	2452	1360	173	928	160	2621
Anugul	553	234	649	80	1516	602	237	754	132	1725
Nayagarh	1404	510	1842	157	3913	1565	525	2137	221	4448
Khordha	247	10	1048	288	1593	412	18	1380	467	2277
Puri	985	58	1671	383	3097	1044	68	2010	644	3766
Ganjam	1108	246	2815	610	4779	1305	326	4007	1066	6704
Gajapati	46	96	123	50	315	85	96	236	54	471
Kandhamal	473	581	534	123	1711	504	594	642	164	1904
Baudh	700	234	2795	200	3929	752	234	3087	208	4281
Subarnapur	832	310	4409	432	5983	1070	334	5512	547	7463
Balangir	656	564	3721	243	5184	691	635	4034	309	5669
Nuapada	212	269	960	114	1555	219	277	1005	126	1627
Kalahandi	1024	1669	1835	316	4844	1118	1756	2157	461	5492
Rayagada	253	388	626	87	1354	321	433	843	174	1771
Nabarangapur	175	60	282	64	581	181	63	295	96	635
Koraput	189	362	656	202	1409	295	403	779	492	1969
Malkangiri	51	98	43	51	243	82	110	67	78	337
All Odisha	**30004**	**29649**	**58677**	**9373**	**127703**	**32328**	**30421**	**67554**	**13102**	**143405**
% share	**23.50**	**23.22**	**45.95**	**7.34**	**100**	**22.54**	**21.21**	**47.11**	**9.14**	**100**

Table-5.13: District wise distribution of persons employed in proprietary handloom / handicraft establishments by Social Group of owner in Odisha.										
District	Rural Odisha					All Odisha				
	Social Group code					Social Group code				
	SC	ST	OBC	others	Total	SC	ST	OBC	Others	Total
Bargarh	10011	3238	17649	765	31663	10367	3369	20619	859	35214
Jharsuguda	728	1130	389	191	2438	787	1165	498	258	2708
Sambalpur	1532	1708	1436	344	5020	1755	1798	1966	856	6375
Debagarh	152	52	180	33	417	156	52	191	50	449
Sundargarh	515	614	768	265	2162	552	671	990	591	2804
Kendujhar	2917	1056	1970	268	6211	2991	1133	2525	394	7043
Mayurbhanj	12576	45889	25841	6809	91115	12813	46083	26086	7130	92112
Baleshwar	1621	233	1289	346	3489	1648	253	1484	557	3942
Bhadrak	879	94	1371	227	2571	934	97	1556	421	3008
Kendrapara	1365	133	1377	271	3146	1526	135	1577	416	3654
Jagatsinghapur	851	23	1277	357	2508	903	26	1530	443	2902
Cuttack	2594	167	8570	1410	12741	2744	183	10817	3202	16946
Jajapur	2715	456	6693	1098	10962	3026	490	7665	1590	12771
Dhenkanal	2127	224	1290	233	3874	2194	241	1466	294	4195
Anugul	1044	497	1298	184	3023	1130	506	1503	314	3453
Nayagarh	2296	796	2820	287	6199	2621	815	3300	397	7133
Khordha	379	18	1969	466	2832	707	36	2776	888	4407
Puri	1996	107	3151	974	6228	2121	139	3861	1758	7879
Ganjam	2138	438	5300	1086	8962	2522	627	8105	2030	13284
Gajapati	78	199	196	83	556	172	199	374	94	839
Kandhamal	894	977	842	199	2912	982	1007	1059	296	3344
Baudh	1217	309	5635	396	7557	1300	309	6062	406	8077
Subarnapur	1803	695	9948	727	13173	2122	744	12237	942	16045
Balangir	1220	1076	7419	512	10227	1268	1201	7994	655	11118
Nuapada	379	531	1967	261	3138	406	540	2041	281	3268
Kalahandi	2031	3256	3173	687	9147	2226	3438	3804	1025	10493
Rayagada	438	721	1063	179	2401	594	824	1393	349	3160
Nabarangapur	280	94	560	124	1058	289	98	589	182	1158
Koraput	317	668	1175	421	2581	511	729	1394	931	3565
Malkangiri	85	184	76	97	442	151	200	121	145	617
All Odisha	**57178**	**65583**	**116692**	**19300**	**258753**	**61518**	**67108**	**135583**	**27754**	**291963**
% share	**22.10**	**25.35**	**45.10**	**7.46**	**100**	**21.07**	**22.99**	**46.44**	**9.51**	**100**

5.7 SOURCE OF FINANCE

The distribution of handloom / handicraft establishments by major source of finance is given in **Table 5.14 and figure 5.10.**

Out of a total of 1.46 lakhs handloom / handicraft establishments in Odisha, 1.28 lakhs (87.74%) were functioning with self-finance, 0.03 lakhs (1.91%) were functioning with Financial Assistance from Govt. sources, 0.03 lakhs (1.73%) were functioning with borrowing from financial institutions, 0.04 lakhs (2.96%) were functioning with borrowing from Non-institutions /Money Lenders, 0.01 lakhs (0.66%) were functioning with Loan from Self Help Groups and 0.07 lakhs (5.01%) were functioning with Donations / Transfers from other agencies.

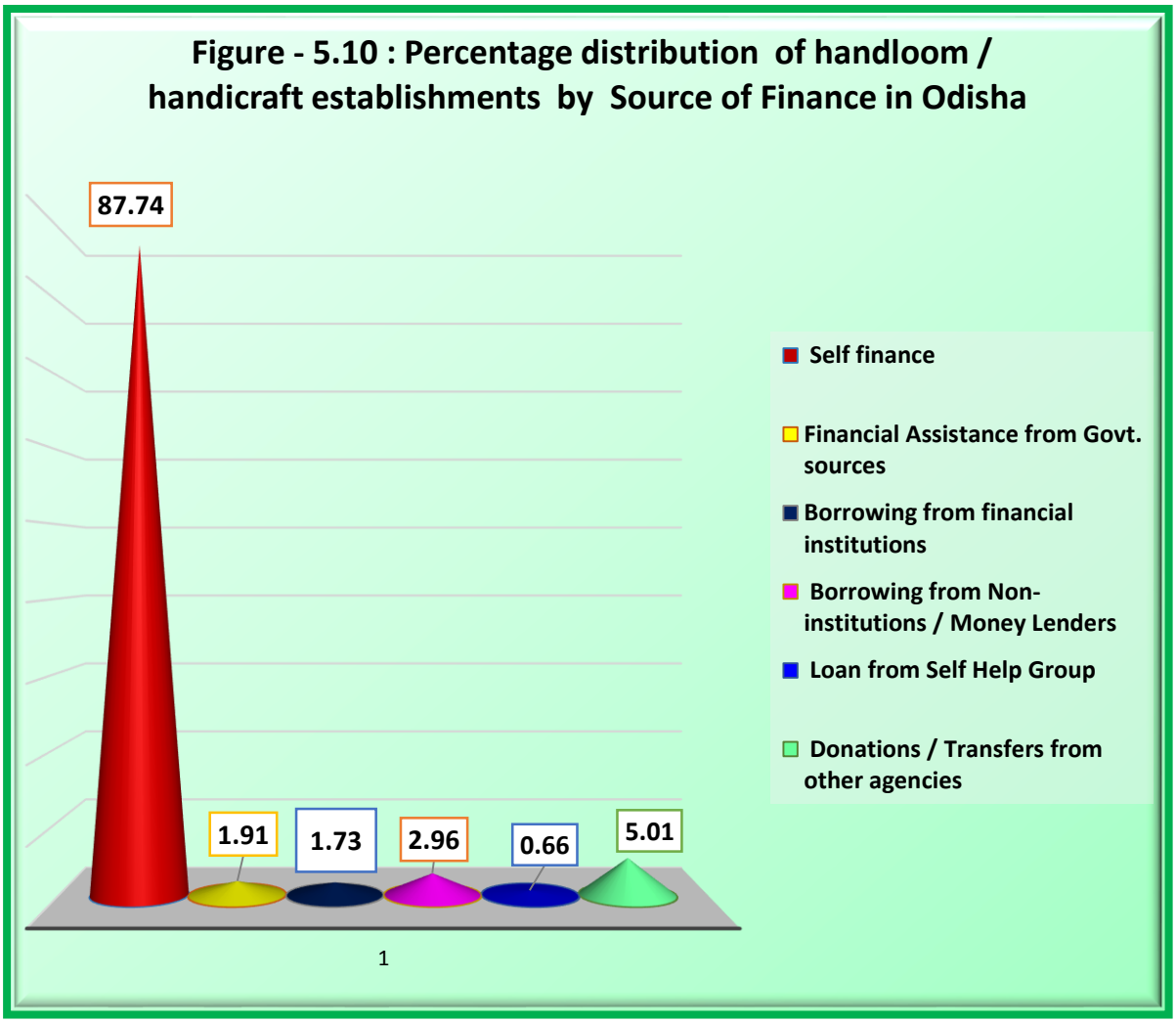


Table-5.14:District wise distribution of handloom / handicraft establishments by major Source of Finance

Name of District	Major source of finance						
	Self-finance	Financial assistance from Govt. sources	Borrowing from financial institutions	Borrowing from Non-institutions / Money Lenders	Loan from Self Help Group	Donations / Transfers from other agencies	Total
Bargarh	14186	337	328	853	66	425	16195
Jharsuguda	1521	48	5	13	6	271	1864
Sambalpur	3572	61	61	219	4	267	4184
Debagarh	247	5	2	0	1	24	279
Sundargarh	1518	21	17	2	5	131	1694
Kendujhar	3333	46	59	240	59	109	3846
Mayurbhanj	38549	339	94	72	63	1555	40672
Baleshwar	1785	219	65	42	6	255	2372
Bhadrak	1494	34	21	10	10	68	1637
Kendrapara	1797	64	50	21	33	122	2087
Jagatsinghapur	1500	72	44	22	8	106	1752
Cuttack	6726	216	589	914	147	643	9235
Jajapur	5129	179	192	104	109	285	5998
Dhenkanal	2416	82	18	49	9	95	2669
Anugul	1494	26	30	93	59	70	1772
Nayagarh	3883	96	76	81	65	371	4572
Khordha	1871	86	153	105	11	175	2401
Puri	3130	250	198	67	95	350	4090
Ganjam	6046	118	116	158	39	416	6893
Gajapati	462	2	3	3	0	6	476
Kandhamal	1712	35	18	22	3	124	1914
Baudh	3541	130	95	313	14	207	4300
Subarnapur	6168	52	149	700	61	377	7507
Balangir	4957	122	64	148	19	408	5718
Nuapada	1523	26	11	18	4	78	1660
Kalahandi	5255	37	16	11	10	219	5548
Rayagada	1708	19	16	25	8	25	1801
Nabarangapur	577	11	7	8	3	39	645
Koraput	1795	53	29	8	46	83	2014
Malkangiri	320	4	3	1	0	15	343
All Odisha	**128215**	**2790**	**2529**	**4322**	**963**	**7319**	**146138**
% share	**87.74**	**1.91**	**1.73**	**2.96**	**0.66**	**5.01**	**100**

Table-5.15 : District wise distribution of persons employed in handloom / handicraft establishments by Major Source of Finance in Odisha

District	Major source of finance						
	Self-finance	Financial assistance from Govt. sources	Borrowing from financial institutions	Borrowing from Non-institutions / Money Lenders	From Self Help Group	Donations / Transfers from other agencies	Total
Bargarh	31019	824	707	2008	129	876	35563
Jharsuguda	2371	912	5	27	10	428	3753
Sambalpur	5709	140	184	340	7	470	6850
Debagarh	418	7	20	0	1	28	474
Sundargarh	2519	68	44	4	8	257	2900
Kendujhar	6185	176	183	478	163	202	7387
Mayurbhanj	87518	857	887	169	165	3543	93139
Baleshwar	3104	381	150	86	15	413	4149
Bhadrak	2774	70	65	16	18	108	3051
Kendrapara	3234	144	142	54	126	227	3927
Jagatsinghapur	2527	144	121	31	46	176	3045
Cuttack	12498	785	1441	1847	286	1129	17986
Jajapur	10799	1265	866	291	372	838	14431
Dhenkanal	3758	230	42	81	15	167	4293
Anugul	2921	66	75	255	138	136	3591
Nayagarh	6265	513	426	162	219	657	8242
Khordha	3537	515	293	217	31	377	4970
Puri	6757	1656	1368	148	310	1054	11293
Ganjam	11666	387	449	440	89	797	13828
Gajapati	832	3	6	4	0	8	853
Kandhamal	3003	61	58	31	7	202	3362
Baudh	6456	282	234	703	30	414	8119
Subarnapur	13165	106	325	1569	137	843	16145
Balangir	9597	243	145	289	42	982	11298
Nuapada	3026	109	30	27	6	153	3351
Kalahandi	9985	70	38	16	17	491	10617
Rayagada	3010	73	81	52	113	43	3372
Nabarangapur	1040	54	20	13	7	77	1211
Koraput	3237	119	96	12	104	151	3719
Malkangiri	593	5	4	3	0	22	627
All Odisha	**259523**	**10265**	**8505**	**9373**	**2611**	**15269**	**305546**
% share	**84.94**	**3.36**	**2.78**	**3.07**	**0.85**	**5.00**	**100**

5.8 NATURE OF OPERATION

According to the nature of operation the handloom / handicraft establishments are classified in to three types such as perennial, seasonal and casual. The nature of operation wise distribution of handloom / handicraft establishments are given in **Table 5.16 and figure 5.11.**

In the distribution of 1.46 lakhs handloom / handicraft establishments in Odisha, the share of perennial, seasonal and casual nature of establishments were 1.11 lakh (75.80%), 0.25 lakh (17.42%) and 0.10 lakh (6.78%) respectively. In rural areas the share of perennial, seasonal and casual nature of establishments were 0.95 lakh (73.37%), 0.25 lakh (19.22%) and 0.10 lakh (7.41%) respectively. Similarly in urban areas the share of perennial, seasonal and casual nature of establishments were 2.01 lakh (56.40%), 1.32 lakh (37.08%) and 0.23 lakh (6.52%) respectively.

Figure- 5.11 : Percentage distribution of handloom / handicraft establishments by nature of operation in Odisha

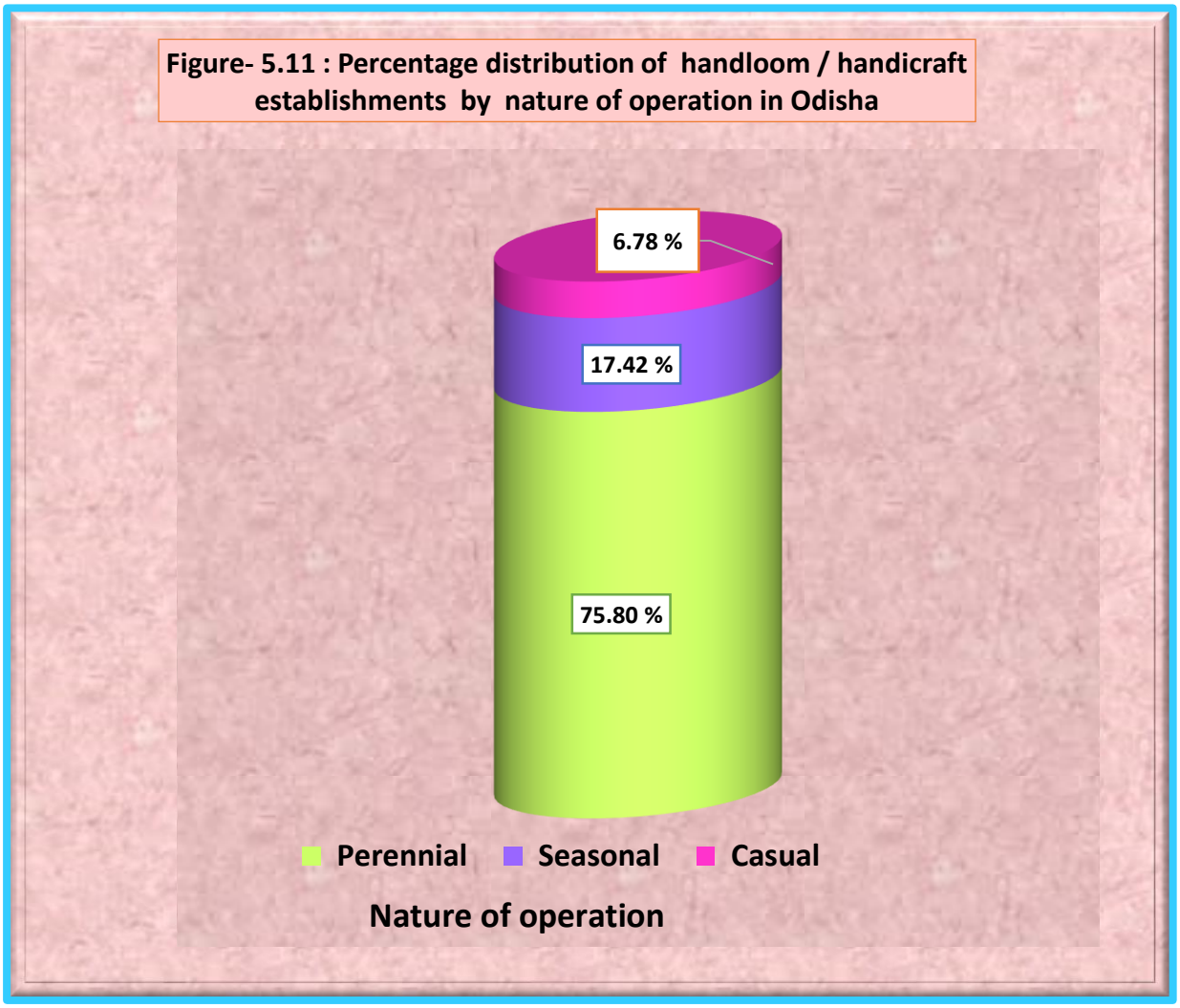


Table-5.16 District wise total number of handloom / handicraft establishments by nature of operation in Odisha

District	Rural Odisha				All Odisha			
	Nature of operation				Nature of operation			
	Perennial	Seasonal	Casual	Total	Perennial	Seasonal	Casual	Total
Bargarh	13613	802	377	14792	15002	813	380	16195
Jharsuguda	1007	422	260	1689	1166	430	268	1864
Sambalpur	2698	309	377	3384	3456	336	392	4184
Debagarh	180	73	12	265	194	73	12	279
Sundargarh	881	298	158	1337	1226	305	163	1694
Kendujhar	2549	412	450	3411	2944	430	472	3846
Mayurbhanj	19392	16232	4506	40130	19771	16370	4531	40672
Baleshwar	1831	179	147	2157	2037	186	149	2372
Bhadrak	1038	271	111	1420	1244	275	118	1637
Kendrapara	1416	240	185	1841	1644	250	193	2087
Jagatsinghapur	1235	124	135	1494	1471	137	144	1752
Cuttack	6406	481	301	7188	8403	504	328	9235
Jajapur	4658	272	278	5208	5427	293	278	5998
Dhenkanal	2118	203	168	2489	2291	204	174	2669
Anugul	1345	97	115	1557	1548	103	121	1772
Nayagarh	2976	635	422	4033	3465	649	458	4572
Khordha	1480	141	61	1682	2173	159	69	2401
Puri	2823	301	191	3315	3565	316	209	4090
Ganjam	4210	364	320	4894	6144	410	339	6893
Gajapati	211	94	14	319	366	96	14	476
Kandhamal	1010	505	205	1720	1183	518	213	1914
Baudh	3677	225	45	3947	4030	225	45	4300
Subarnapur	5856	96	66	6018	7345	96	66	7507
Balangir	4705	351	173	5229	5163	375	180	5718
Nuapada	1349	158	81	1588	1406	159	95	1660
Kalahandi	3799	900	197	4896	4410	938	200	5548
Rayagada	1023	257	97	1377	1407	295	99	1801
Nabarangapur	466	92	32	590	520	93	32	645
Koraput	1019	308	107	1434	1537	325	152	2014
Malkangiri	152	81	13	246	234	90	19	343
All Odisha	**95123**	**24923**	**9604**	**129650**	**110772**	**25453**	**9913**	**146138**
% share	**73.37**	**19.22**	**7.41**	**100**	**75.80**	**17.42**	**6.78**	**100**

The nature of operation wise distribution of persons employed in handloom / handicraft establishments are given in **Table 5.17 and figure 5.12.**

In handloom / handicraft establishments 3.06 lakhs persons were employed in Odisha, out of which the share of perennial, seasonal and casual nature of establishments were 2.33 lakh (76.18%), 0.55 lakh (17.90%) and 0.18 lakh (5.93%) respectively. It is noticed that maximum number of persons of handloom / handicraft establishments were employed in perennial category.

Figure-5.12

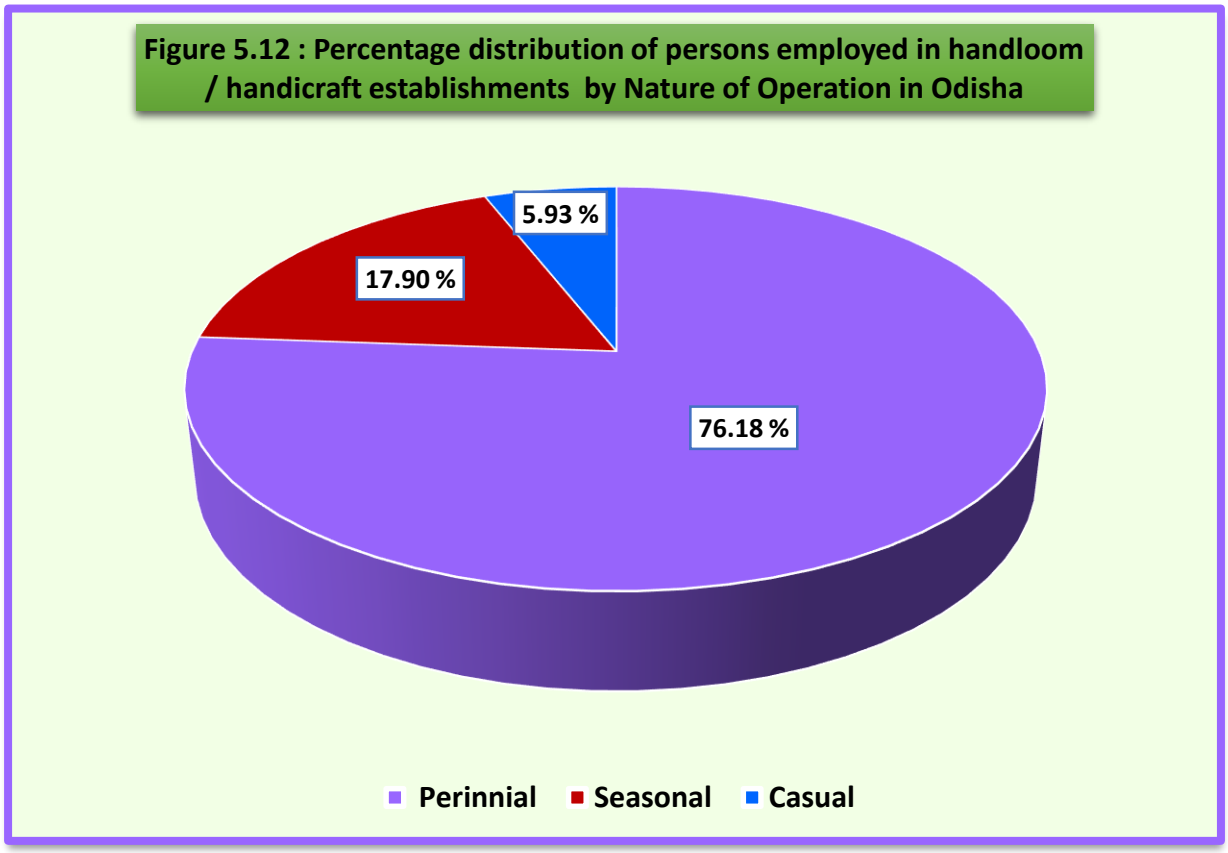


Table-5.17 : District wise total number of persons employed in handloom / handicraft establishments by nature of operation in Odisha

District	Total No of Persons Employed			
	Nature of operation			
	Perennial	Seasonal	Casual	Total
Bargarh	33416	1411	736	35563
Jharsuguda	2713	648	392	3753
Sambalpur	5874	496	480	6850
Debagarh	309	146	19	474
Sundargarh	2170	495	235	2900
Kendujhar	5747	822	818	7387
Mayurbhanj	45461	38227	9451	93139
Baleshwar	3588	310	251	4149
Bhadrak	2363	519	169	3051
Kendrapara	3138	472	317	3927
Jagatsinghapur	2536	244	265	3045
Cuttack	16670	798	518	17986
Jajapur	13282	694	455	14431
Dhenkanal	3763	298	232	4293
Anugul	3205	167	219	3591
Nayagarh	6349	1218	675	8242
Khordha	4591	284	95	4970
Puri	9873	939	481	11293
Ganjam	12419	876	533	13828
Gajapati	612	209	32	853
Kandhamal	2185	844	333	3362
Baudh	7757	294	68	8119
Subarnapur	15866	175	104	16145
Balangir	10408	611	279	11298
Nuapada	2916	294	141	3351
Kalahandi	8581	1721	315	10617
Rayagada	2666	558	148	3372
Nabarangapur	956	174	81	1211
Koraput	2905	573	241	3719
Malkangiri	437	167	23	627
All Odisha	232756	54684	18106	305546
% share	76.18	17.90	5.93	100

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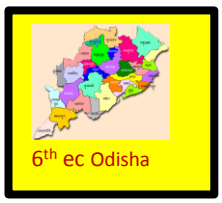


CHAPTER VI
WOMEN ENTREPRENEURSHIP

6.1 INTRODUCTION

Women are the largest untapped reservoir of talent in the world. Promoting women's economic empowerment is seen as one of the most important driving forces behind reducing poverty and aiding economic growth. Hindrances, whether structural or social, limit women's economic participation, denying communities of greater socio-economic growth that is of benefit to all elements of society. Entrepreneurship is a key means of redressing this inequality and the associated impediments to equitable, inclusive and sustainable development. It is becoming increasingly clear that women are, and will continue to be, powerful drivers of development. When gender gap is minimised, economies grow faster, fewer people remain in poverty, and overall well-being increases. There is increasing recognition that women entrepreneurs are the new engines for inclusive and sustainable industrial growth, and are the rising stars of economies in developing societies.

In Odisha female headed households were 10.50 % in rural areas whereas this was 11.90 % in urban areas as per 68th round of NSS, 2011-12. Female literacy rate was 64.36 percent as per Population Census 2011. Further, work force participation rate for female was 27.16 as per Population Census 2011. Women have started playing important roles in decision making at all levels. Although data on women labour force, literacy, health aspects etc., are being generated regularly through regular Censuses and Surveys but data on women entrepreneurship at state level is rather scanty. Therefore, during Sixth Economic Census, questions related to women entrepreneurship in proprietary ownership were added. It covers sex, religion, social group, economic activity, number of workers employed (hired and not hired) and source of finance.

It has been observed that out of the total 20.88 lakh establishments in Odisha 2.50 lakhs were run by women entrepreneurs which is around 12 % of the total number of establishments. Total workers engaged in women owned & run establishments were 4.45 lakh persons, which is 10.32% of the total number of workers engaged in Odisha under different economic activities.

6.2 ESTABLISHMENTS

The district wise total number of establishments under women entrepreneurship and type of establishments is shown in **Table 6.1.**

Table 6.1: District wise distribution of total number of Establishments under women entrepreneurship by type of establishment

District	Number of establishments by type			Percentage share of establishments
	Without hired worker (OAE)	With at least one hired worker (Est.)	Total	
01 - Bargarh	5661	707	6368	2.55
02 - Jharsuguda	7147	897	8044	3.22
03 - Sambalpur	19789	1492	21281	8.53
04 - Debagarh	1782	627	2409	0.97
05 - Sundargarh	4696	982	5678	2.27
06 - Kendujhar	13314	1152	14466	5.80
07 - Mayurbhanj	18109	1585	19694	7.89
08 - Baleshwar	8835	1247	10082	4.04
09 - Bhadrak	3585	597	4182	1.68
10 - Kendrapara	5045	785	5830	2.34
11 - Jagatsinghapur	5001	876	5877	2.35
12 - Cuttack	8391	1875	10266	4.11
13 - Jajapur	7125	1683	8808	3.53
14 - Dhenkanal	2624	554	3178	1.27
15 - Anugul	13913	498	14411	5.77
16 - Nayagarh	5201	306	5507	2.21
17 - Khordha	5462	1937	7399	2.96
18 - Puri	4371	969	5340	2.14
19 - Ganjam	16892	2558	19450	7.79
20 - Gajapati	2059	184	2243	0.90
21 - Kandhamal	17436	449	17885	7.17
22 - Baudh	10200	189	10389	4.16
23 - Subarnapur	2560	218	2778	1.11
24 - Balangir	11365	624	11989	4.80
25 - Nuapada	1158	210	1368	0.55
26 - Kalahandi	4212	807	5019	2.01
27 - Rayagada	2722	277	2999	1.20
28 - Nabarangapur	6375	362	6737	2.70
29 - Koraput	6540	748	7288	2.92
30 - Malkangiri	2305	330	2635	1.06
All Odisha	**223875**	**25725**	**249600**	**100**

The total number of establishments owned by women entrepreneurs was 249600 out of which 209330 (83.87 %) were located in rural areas and 40270 (16.13%) were located in urban areas. Further, 223875 establishments (89.69%) were operated without hired workers and 25725 (10.31%) were operated with hired workers. The share of establishments without hired workers in rural areas was 91.92% that of in urban areas was 78.07%. The number of establishments owned by women in agricultural activities was 86195 (34.53 %).

Figure no.1

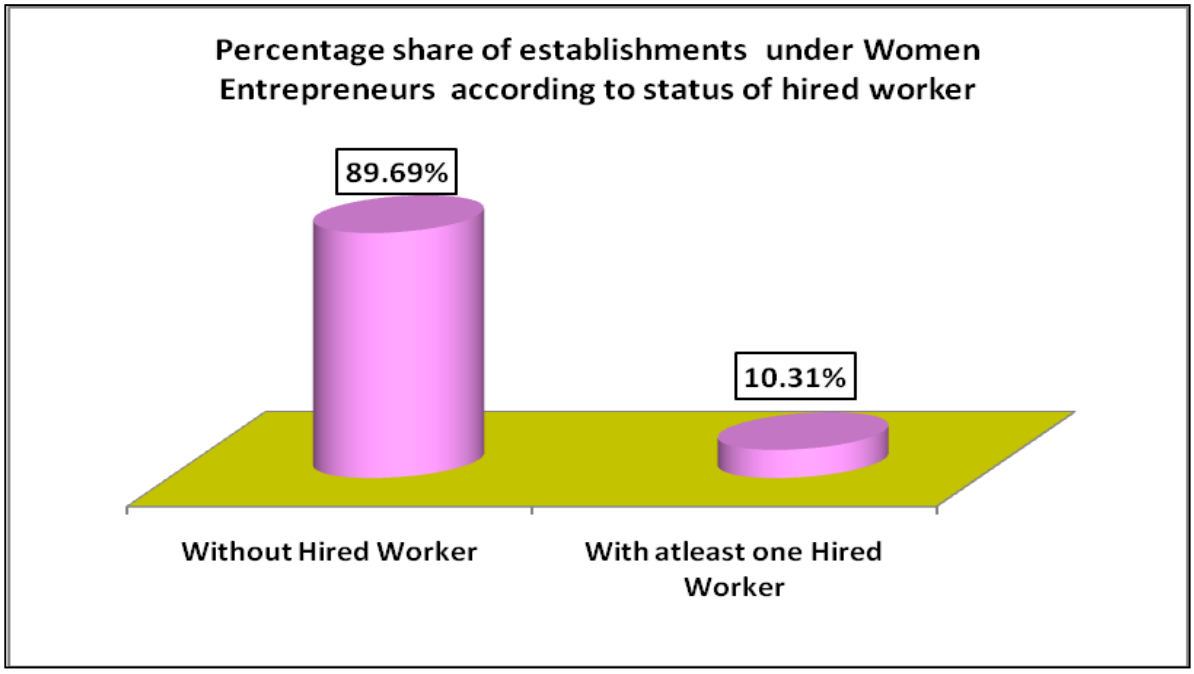


Figure no.2

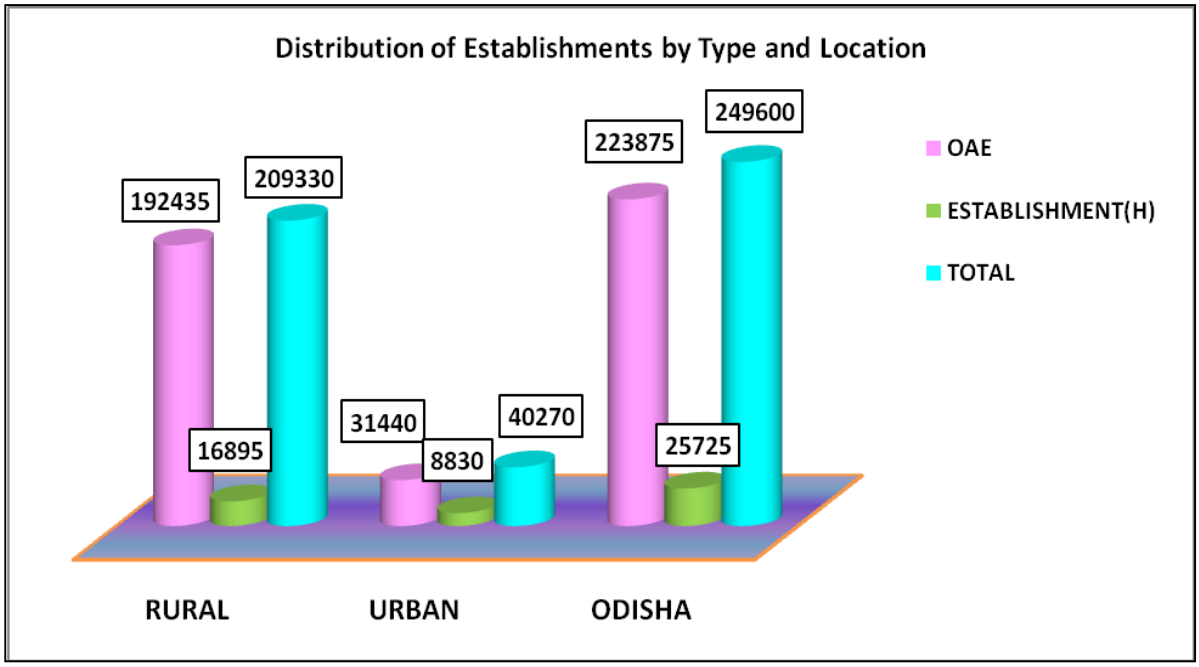
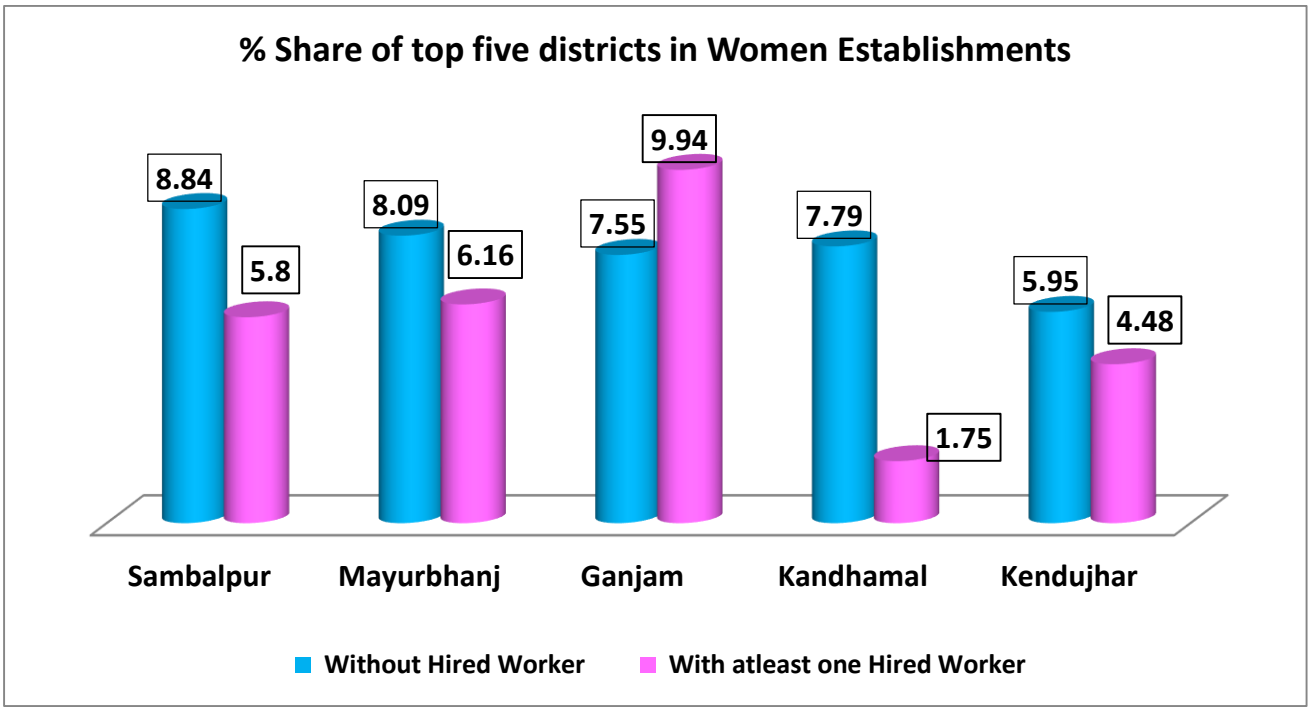


Figure no.3



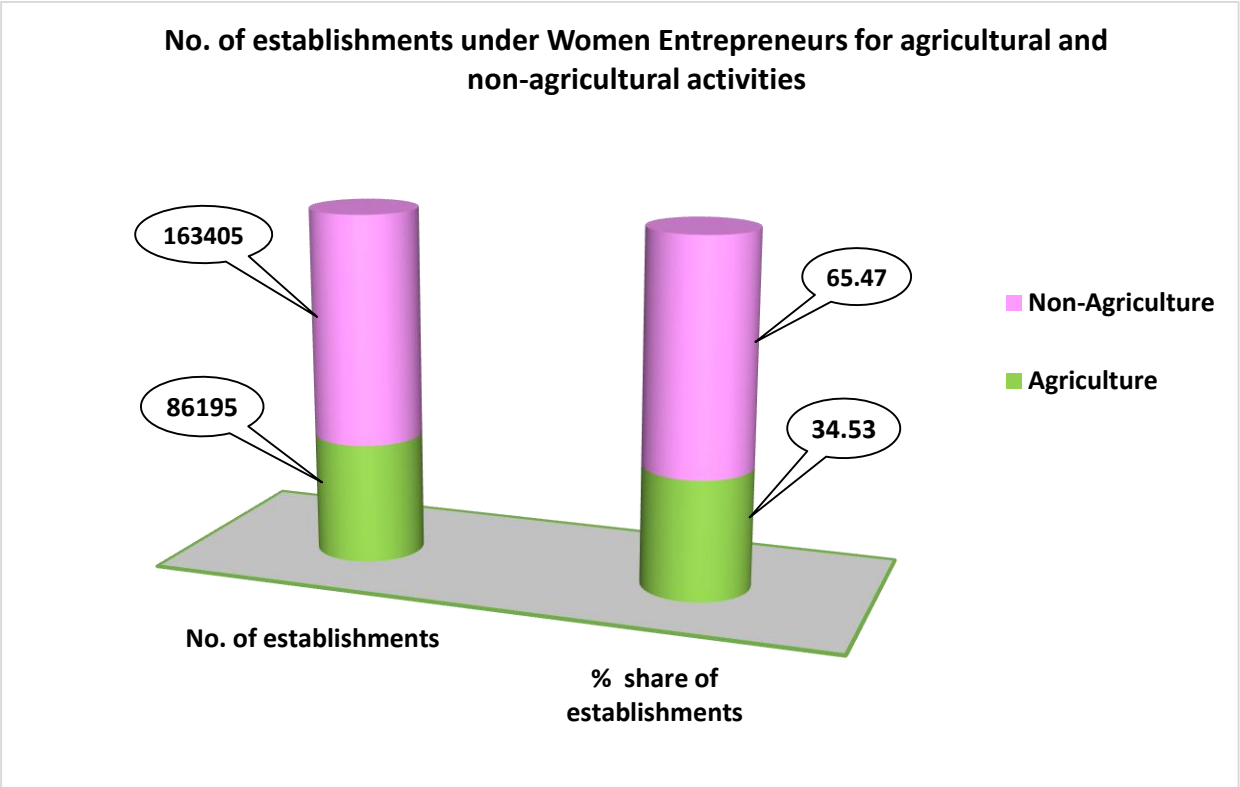
The distribution of establishments under women entrepreneurs by broad activity is shown in **Table 6.2.**

The top five economic activities as per establishments owned by women entrepreneurs were: i) Agriculture (34.53%), ii) Manufacturing (31.73 %), iii) Trade (19.69 %), iv) Other services (4.28%) and v) Accommodation & food services (2.25%). Out of the total establishments owned by women 0.86 lakhs (34.53%) were agricultural establishments and 1.63 lakh establishments (65.47%) were non-agricultural establishments. In agricultural sector, majority of establishments i.e., 0.60 lakh establishments (69.65%) pertains to forestry and logging, followed by livestock (26.12%), fisheries and aquaculture (3.42%) and agriculture other than crop production (0.81%). In non-agricultural sector, the highest 1.63 lakh (48.46%) establishments belongs to manufacturing activity followed by trading (30.07%), other services (6.53 %), accommodation and food services (3.44%) and education (2.70%).

Table 6.2: Broad Activity wise total number of Establishments under women entrepreneurship by type of establishment.

Broad Activity	Without hired worker	With at least one hired worker	Total	Percentage share of establishments
Activities relating to agriculture other than crop production & plantation	553	150	703	0.28
Livestock	20854	1666	22520	9.02
Forestry and Logging	58883	1156	60039	24.05
Fishing and aquaculture	2716	217	2933	1.18
Subtotal: Agricultural Activities	**83006**	**3189**	**86195**	**34.53**
Mining and quarrying	186	101	287	0.11
Manufacturing	72484	6702	79186	31.73
Electricity, gas, steam and air conditioning supply	27	47	74	0.03
Water supply, sewerage, waste management and remediation activities	123	51	174	0.07
Construction	1261	507	1768	0.71
Whole sale trade, retail trade & repair of motor vehicles & motor cycles	419	480	899	0.36
Whole sale trade (not covered in item-10 above)	834	316	1150	0.46
Retail trade (not covered in item-10 above)	41605	5491	47096	18.87
Transportation and storage	1832	956	2788	1.12
Accommodation and Food service activities	4351	1276	5627	2.25
Information & communication	301	187	488	0.20
Financial and insurance activities	2684	627	3311	1.33
Real estate activities	639	36	675	0.27
Professional, scientific & technical activities	635	189	824	0.33
Administrative and support service activities	1215	474	1689	0.68
Education	1852	2564	4416	1.77
Human health & social work activities	998	644	1642	0.66
Arts entertainment, sports & amusement and recreation	347	282	629	0.25
Other service activities not elsewhere classified	9076	1606	10682	4.28
Subtotal: Non-Agricultural Activities	**140869**	**22536**	**163405**	**65.47**
Total	**223875**	**25725**	**249600**	**100**

Figure no.4



6.3 EMPLOYMENT

The total number of persons employed in establishments owned by women was 4.46 lakhs, out of which 3.32 lakh (74.46%) were working in establishments without hired workers and 1.14 lakh (25.54%) were working in establishments with hired workers. The share of top five districts in the total persons employed in women owned establishments were Mayurbhanj 8.62 % (0.38 lakhs), Ganjam 7.49 % (0.34 lakhs), Sambalpur 6.89 % (0.31 lakhs), Kandhamal (6.09 %) (0.27 lakhs) and Kendujhar 5.70% (0.25 lakhs).

Table 6.3: District wise total number of persons employed in establishments under women entrepreneur by type of establishment and percentage share in total employment				
District	**Number of persons Employed**			**Percentage share of establishments**
	Without hired worker	**With at least one hired worker**	**Total**	
Bargarh	8328	2362	10690	2.40
Jharsuguda	9052	4272	13324	2.99
Sambalpur	24750	5965	30715	6.89
Debagarh	3891	6834	10725	2.41
Sundargarh	5725	5246	10971	2.46
Kendujhar	19554	5841	25395	5.70
Mayurbhanj	32870	5539	38409	8.62
Baleshwar	12318	5191	17509	3.93
Bhadrak	4133	2120	6253	1.40
Kendrapara	9958	4517	14475	3.25
Jagatsinghapur	6551	3108	9659	2.17
Cuttack	10836	7792	18628	4.18
Jajapur	12679	7688	20367	4.57
Dhenkanal	3310	2196	5506	1.24
Anugul	17822	1988	19810	4.44
Nayagarh	8205	1556	9761	2.19
Khordha	6561	10424	16985	3.81
Puri	11909	5686	17595	3.95
Ganjam	23387	10004	33391	7.49
Gajapati	2791	744	3535	0.79
Kandhamal	25590	1546	27136	6.09
Baudh	13720	592	14312	3.21
Subarnapur	4796	661	5457	1.22
Balangir	20449	2174	22623	5.08
Nuapada	1668	944	2612	0.59
Kalahandi	5668	2653	8321	1.87
Rayagada	3961	1192	5153	1.16
Nabarangapur	7903	1175	9078	2.04
Koraput	10687	2933	13620	3.06
Malkangiri	2803	885	3688	0.83
All Odisha	**331875**	**113828**	**445703**	**100**

The activity wise and type wise persons employed in establishments under women entrepreneurship is presented in the **table- 6.4**

Table 6.4: Broad Activity wise total number of persons employed in establishments under women entrepreneurship by type of establishment

Broad Activity	Without hired worker	With at least one hired worker	Total	Percentage share in total employment
Activities relating to agriculture other than crop production & plantation	1129	558	1687	0.38
Livestock	31888	9597	41485	9.31
Forestry and Logging	93323	3118	96441	21.64
Fishing and aqua culture	3774	958	4732	1.06
Sub-total: Agricultural Activities	**130114**	**14231**	**144345**	**32.39**
Mining and quarrying	282	1346	1628	0.37
Manufacturing	102700	26590	129290	29.01
Electricity, gas, steam and air conditioning supply	60	397	457	0.10
Water supply, sewerage, waste management and remediation activities	135	166	301	0.07
Construction	1442	2272	3714	0.83
Whole sale trade, retail trade & repair of motor vehicles & motor cycles	485	1859	2344	0.53
Whole sale trade (not covered in item-10 above)	1300	1254	2554	0.57
Retail trade (not covered in item-10 above)	50081	17406	67487	15.14
Transportation and storage	2110	3343	5453	1.22
Accommodation and Food service activities	5647	5261	10908	2.45
Information & communication	411	573	984	0.22
Financial and insurance activities	15550	5414	20964	4.70
Real estate activities	674	209	883	0.20
Professional, scientific & technical activities	746	900	1646	0.37
Administrative and support service activities	1474	3386	4860	1.09
Education	2518	18865	21383	4.80
Human health & social work activities	3502	3697	7199	1.62
Arts entertainment, sports & amusement and recreation	666	1643	2309	0.52
Other service activities not elsewhere classified	11978	5016	16994	3.81
Sub-total: Non-Agricultural Activities	**201761**	**99597**	**301358**	**67.61**
Total	**331875**	**113828**	**445703**	**100**

The top five economic activities as per the number of persons employed in establishments owned by women entrepreneurs were: i) Agriculture (32.39 %), ii) Manufacturing (29.01 %), iii) Trade (15.14 %), iv) Education (4.80%), v) Financial and insurance activities (4.70 %). In agricultural establishments, maximum persons 0.96 lakhs (21.64%) were employed in Forestry and Logging activity followed by Livestock 0.41 lakhs (9.31 %), Fishing and aquaculture 0.05 lakhs (1.06%) and agriculture other than crop production & plantation 0.02 lakh (0.38 %). In non-agricultural establishments, about 1.29 lakh (29.01 %) persons were engaged in manufacturing activity. Other important activities in terms of employment were retail trading 0.67 lakh (15.14 %), education 0.21 lakh (4.80%), Financial and insurance activities 0.21 lakh (4.70 %) and other service activities 0.17 lakh (3.81%).

Figure no.5

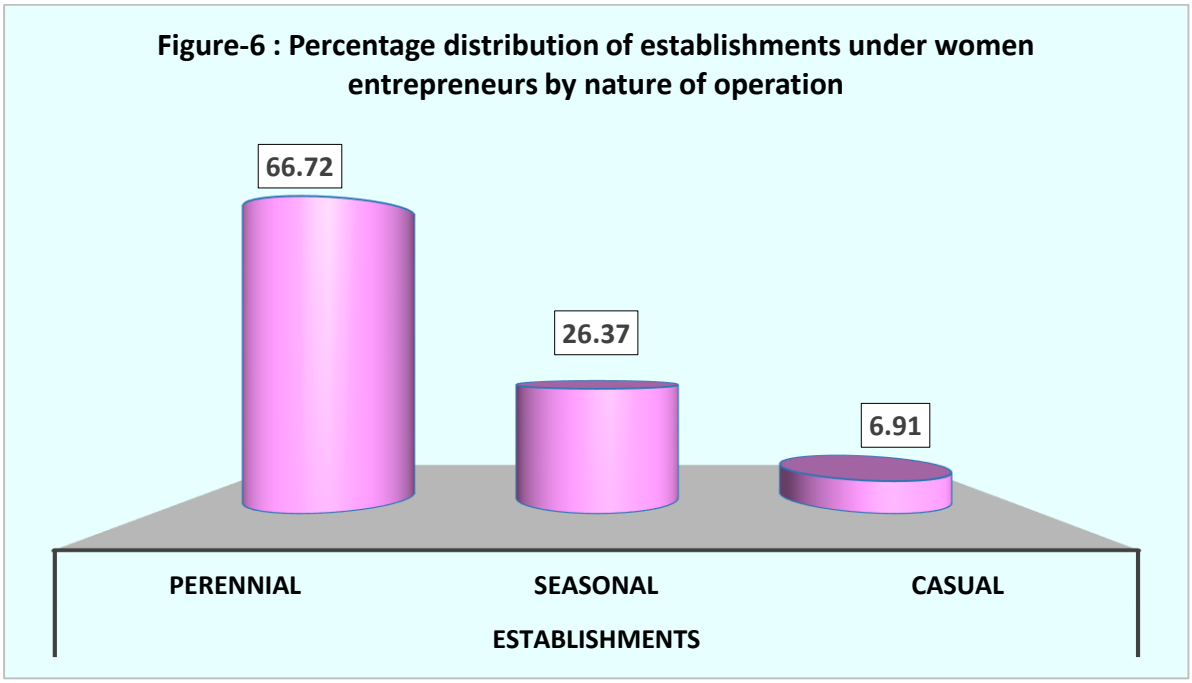
6.5 NATURE OF OPERATION OF WOMEN OWNED ESTABLISHMENTS

District wise total number of women owned establishments by nature of operation is given in the **Table 6.5**. Out of 2.50 lakhs women owned establishments 1.67 lakhs (66.72%) were perennial, 0.66 lakhs (26.37%) seasonal and 0.17 lakhs (6.91%) casual establishments.

Table 6.5: District wise total number of establishments under women entrepreneurship by nature of operation				
District	**Nature of Operation**			
	Perennial	**Seasonal**	**Casual**	**Total**
Bargarh	3008	3235	125	6368
Jharsuguda	6826	853	365	8044
Sambalpur	15709	2863	2709	21281
Debagarh	1067	1283	59	2409
Sundargarh	4615	926	137	5678
Kendujhar	8186	4691	1589	14466
Mayurbhanj	8716	9176	1802	19694
Baleshwar	9112	671	299	10082
Bhadrak	3793	204	185	4182
Kendrapara	5411	329	90	5830
Jagatsinghapur	5437	251	189	5877
Cuttack	9292	660	314	10266
Jajapur	7366	1043	399	8808
Dhenkanal	2725	228	225	3178
Anugul	9351	3794	1266	14411
Nayagarh	3979	816	712	5507
Khordha	6741	443	215	7399
Puri	4771	273	296	5340
Ganjam	16983	1321	1146	19450
Gajapati	1532	560	151	2243
Kandhamal	4371	10874	2640	17885
Baudh	2237	7762	390	10389
Subarnapur	2093	619	66	2778
Balangir	3780	7376	833	11989
Nuapada	1043	281	44	1368
Kalahandi	3966	939	114	5019
Rayagada	2312	620	67	2999
Nabarangapur	3475	3096	166	6737
Koraput	6598	470	220	7288
Malkangiri	2030	172	433	2635
Total	**166525**	**65829**	**17246**	**249600**

In the total number of perennial women owned establishments, the maximum 16983 number of establishments belongs to Ganjam district followed by 15709 number of establishments belongs to Sambalpur district. The minimum 1043 number of perennial

women owned establishments belongs to Nuapada district. In the seasonal women owned establishments, the maximum 10874 number of establishments belongs to Kandhamal district followed by 9176 number of establishments belongs to Mayurbhanj district. The minimum 172 number of seasonal women owned establishments belongs to Malkangiri district. In the casual women owned establishments, the maximum 21281 number of establishments belongs to Sambalpur district followed by 19694 number of establishments belongs to Mayurbhanj district. The minimum 2243 number of casual women owned establishments belongs to Gajapati district.



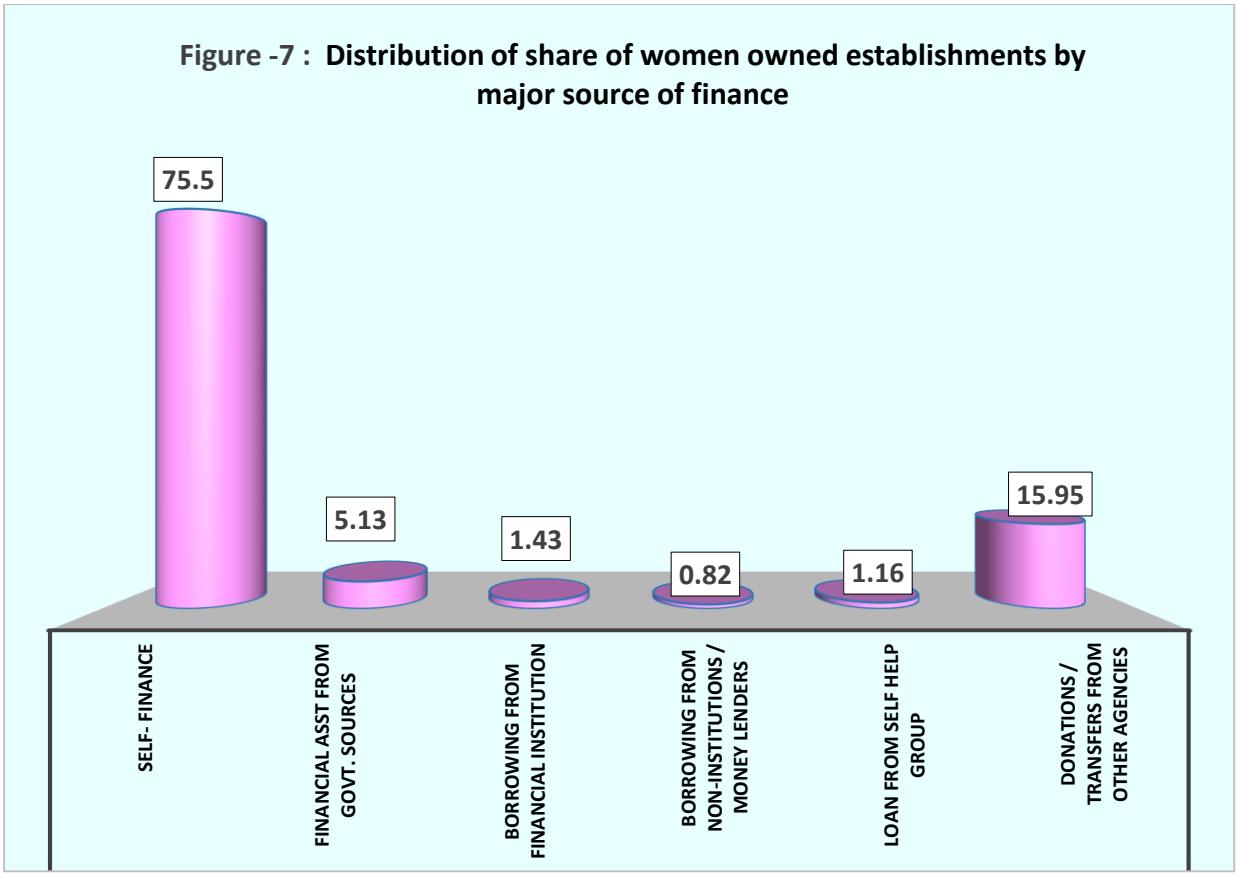
6.6 SOURCE OF FINANCE

The district wise distribution of number of women owned establishments by major source of finance is given in **Table 6.6.**

Out of 2.50 lakhs women owned establishments 1.88 lakhs (79%) were Self-financed followed by the source Donations / Transfers from other agencies 0.40 lakhs (14.65%).

Table 6.6: District wise total number of women owned establishments by Major Source of Finance							
District	**Self-finance**	**Financial assistance from Govt. sources**	**Borrowing from financial institution**	**Borrowing from Non-institutions / Money Lenders**	**Loan from Self Help Group**	**Donations / Transfers from other agencies**	**Total**
Bargarh	5384	162	52	50	35	685	6368
Jharsuguda	5729	299	47	49	25	1895	8044
Sambalpur	18473	353	322	136	50	1947	21281
Debagarh	886	818	12	4	4	685	2409
Sundargarh	4306	251	86	35	66	934	5678
Kendujhar	11288	552	332	188	147	1959	14466
Mayurbhanj	15772	767	143	41	71	2900	19694
Baleshwar	5838	600	242	65	84	3253	10082
Bhadrak	2836	165	92	55	19	1015	4182
Kendrapara	3605	396	98	32	82	1617	5830
Jagatsinghapur	4310	468	143	14	89	853	5877
Cuttack	6903	417	334	248	228	2136	10266
Jajapur	6413	711	230	151	184	1119	8808
Dhenkanal	2098	341	110	19	66	544	3178
Anugul	12052	527	103	158	35	1536	14411
Nayagarh	4364	256	53	63	71	700	5507
Khordha	5159	289	183	71	55	1642	7399
Puri	3680	408	131	69	65	987	5340
Ganjam	14764	325	228	99	925	3109	19450
Gajapati	1889	97	59	25	10	163	2243
Kandhamal	15204	831	41	22	42	1745	17885
Baudh	9318	247	13	19	69	723	10389
Subarnapur	1869	104	10	36	7	752	2778
Balangir	6427	2021	30	24	39	3448	11989
Nuapada	874	125	11	10	8	340	1368
Kalahandi	3818	358	45	25	46	727	5019
Rayagada	2499	156	41	46	19	238	2999
Nabarangapur	5401	227	27	130	31	921	6737
Koraput	5379	499	133	50	303	924	7288
Malkangiri	1922	40	209	124	15	325	2635
Total Odisha	**188460**	**12810**	**3560**	**2058**	**2890**	**39822**	**249600**

Figure -7 : **Distribution of share of women owned establishments by major source of finance**



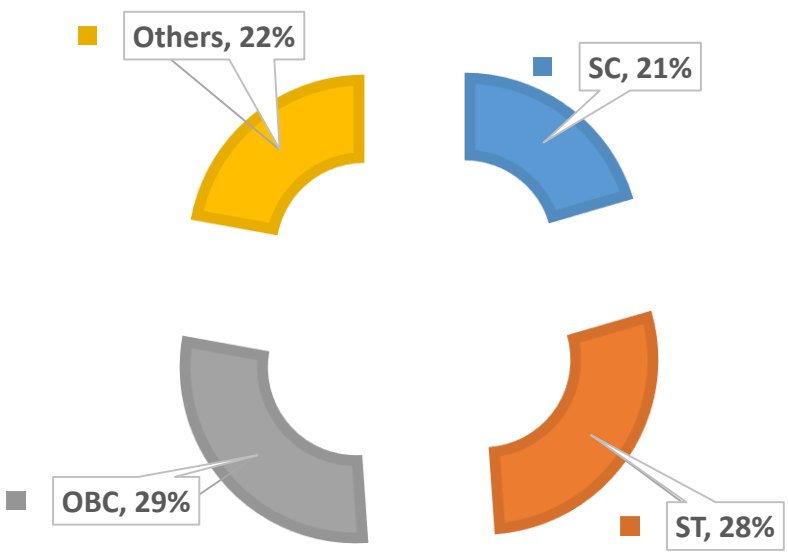
6.7: WOMEN OWNED ESTABLISHMENTS BY SOCIAL GROUP OF THE OWNER

The district wise distribution of women owned establishments by social group of the owner is given in the **Table- 6.7**.

It is observed that out of 2.50 lakhs women owned establishments the share of SC, ST, OBC and Other categories of social group were 0.51 lakhs (20.40%) 0.71 lakhs (28.43%) 0.72 lakhs (28.96%) and 0.55 lakhs (22.14%) respectively. The highest number of women owned establishments under SC, ST, OBC and Other categories of social group belongs to Ganjam, Mayurbhanj, Anugul and Ganjam districts respectively. Similarly, the lowest number of women owned establishments under SC, ST, OBC and Other categories of social group belongs to Nuapada, Bhadrak, Malkangiri, and Debagarh districts respectively.

Table 6.7: District wise number of women owned establishments by social group of the owner										
District	Number of women owned establishments by social group of owner					Share of women owned establishments by social group of owner				
	SC	ST	OBC	Others	Total	SC	ST	OBC	Others	Total
Bargarh	1646	1720	2086	916	6368	3.22	2.42	2.89	1.66	2.55
Jharsuguda	2169	3083	1212	1580	8044	4.25	4.34	1.68	2.86	3.22
Sambalpur	3995	8468	6547	2271	21281	7.82	11.93	9.06	4.11	8.53
Debagarh	242	1194	702	271	2409	0.47	1.68	0.97	0.49	0.97
Sundargarh	760	1770	1133	2015	5678	1.49	2.49	1.57	3.65	2.27
Kendujhar	1743	8333	2325	2065	14466	3.41	11.74	3.22	3.74	5.80
Mayurbhanj	3144	10461	3885	2204	19694	6.15	14.74	5.37	3.99	7.89
Baleshwar	2433	1514	2186	3949	10082	4.76	2.13	3.02	7.15	4.04
Bhadrak	672	97	1398	2015	4182	1.32	0.14	1.93	3.65	1.68
Kendrapara	1568	125	1765	2372	5830	3.07	0.18	2.44	4.29	2.34
Jagatsinghapur	2120	175	1743	1839	5877	4.15	0.25	2.41	3.33	2.35
Cuttack	1792	273	3681	4520	10266	3.51	0.38	5.09	8.18	4.11
Jajapur	1603	1028	3568	2609	8808	3.14	1.45	4.94	4.72	3.53
Dhenkanal	838	394	1076	870	3178	1.64	0.56	1.49	1.57	1.27
Anugul	3357	1711	7793	1550	14411	6.57	2.41	10.78	2.80	5.77
Nayagarh	1606	2171	999	731	5507	3.14	3.06	1.38	1.32	2.21
Khordha	1090	210	2305	3794	7399	2.13	0.30	3.19	6.86	2.96
Puri	1076	116	1763	2385	5340	2.11	0.16	2.44	4.32	2.14
Ganjam	5204	1780	7347	5119	19450	10.19	2.51	10.16	9.26	7.79
Gajapati	336	575	691	641	2243	0.66	0.81	0.96	1.16	0.90
Kandhamal	2908	10451	2390	2136	17885	5.69	14.73	3.31	3.86	7.17
Baudh	2155	2880	4629	725	10389	4.22	4.06	6.40	1.31	4.16
Subarnapur	699	256	1061	762	2778	1.37	0.36	1.47	1.38	1.11
Balangir	2152	3237	4577	2023	11989	4.21	4.56	6.33	3.66	4.80
Nuapada	198	325	513	332	1368	0.39	0.46	0.71	0.60	0.55
Kalahandi	906	1214	1833	1066	5019	1.77	1.71	2.54	1.93	2.01
Rayagada	561	962	757	719	2999	1.10	1.36	1.05	1.30	1.20
Nabarangapur	1345	2906	1115	1371	6737	2.63	4.10	1.54	2.48	2.70
Koraput	1068	3271	996	1953	7288	2.09	4.61	1.38	3.53	2.92
Malkangiri	1700	257	212	466	2635	3.33	0.36	0.29	0.84	1.06
Total Odisha	**51086**	**70957**	**72288**	**55269**	**249600**	**100**	**100**	**100**	**100**	**100**

Figure - 8 : share of women owned establishments by social group of owner



6.8 RELIGION OF WOMEN ENTREPRENEURS

The district wise distribution of women owned establishments by religion of the owner is given in the **Table- 6.8**.

It is observed that out of 2.50 lakhs women owned establishments the highest owned by Hindu 1.94 lakhs (77.81%) followed by Christians 0.11 lakhs (4.50%) and Islam 0.08. The representation of owners of women owned establishments are very negligible.

Under Hindu religion the highest number of women owned establishments 0.19 lakhs belongs to Sambalpur district and the lowest number of women owned establishments 0.01 lakhs belongs to Nuapada district. Similarly, under Christian religion the highest number of women owned establishments 0.04 lakhs belongs to Kandhamal district and the lowest seven number of women owned establishments belongs to Nuapada district. Under Islam Islam religion the highest 868 number of women owned establishments belongs to Mayurbhanj district and the lowest eleven number of women owned establishments belongs to Debagarh district.

Table 6.8: District wise number of women owned establishments by religion of owner

District	Hindu	Islam	Christian	Sikh	Buddhist	arsi	Jain	Others	Total
Bargarh	5697	124	47	5	1	0	6	488	6368
Jharsuguda	5117	482	594	14	9	7	59	1762	8044
Sambalpur	18509	440	887	35	8	2	112	1288	21281
Debagarh	2020	11	102	2	0	0	9	265	2409
Sundargarh	3879	347	629	28	2	1	16	776	5678
Kendujhar	12263	352	55	19	2	1	85	1689	14466
Mayurbhanj	16624	868	371	30	11	2	55	1733	19694
Baleshwar	4888	837	795	47	9	13	126	3367	10082
Bhadrak	2691	325	38	2	1	0	12	1113	4182
Kendrapara	3501	219	262	21	9	2	76	1740	5830
Jagatsingh apur	3172	148	1047	3	18	6	39	1444	5877
Cuttack	7951	644	89	9	53	3	25	1492	10266
Jajapur	6588	829	119	22	6	11	61	1172	8808
Dhenkanal	2444	63	128	3	12	0	8	520	3178
Anugul	12015	368	519	55	17	11	129	1297	14411
Nayagarh	4629	190	137	14	13	4	64	456	5507
Khordha	5120	300	75	18	5	1	43	1837	7399
Puri	3836	138	89	4	8	1	10	1254	5340
Ganjam	16268	169	418	13	13	1	45	2523	19450
Gajapati	1541	19	371	0	2	4	3	303	2243
Kandhamal	12221	585	3647	9	15	7	29	1372	17885
Baudh	9854	93	38	4	0	0	28	372	10389
Subarnapur	2015	42	77	2	0	1	8	633	2778
Balangir	10147	142	109	6	3	0	50	1532	11989
Nuapada	979	96	7	11	1	2	21	251	1368
Kalahandi	3799	266	84	13	4	4	23	826	5019
Rayagada	2425	71	167	2	0	1	17	316	2999
Nabaranga pur	5630	188	143	11	2	0	16	747	6737
Koraput	5951	85	210	3	0	0	9	1030	7288
Malkangiri	2447	21	32	0	0	0	0	135	2635
Total	**194221**	**8462**	**11286**	**405**	**224**	**85**	**1184**	**33733**	**249600**

6.9: EMPLOYMENT CLASS OF ESTABLISHMENTS

The district wise distribution of women owned establishments by size class of employment is given in the **Table- 6.9**.

It is observed that out of 2.50 lakhs women owned establishments the highest 1.57 lakhs (62.85%) were functioning with only one worker, 0.76 lakhs (30.61%) were functioning with employment of size class of 2-3 persons, 0.09 lakhs (3.76%) were functioning with employment of size class of 4-5 persons, 0.03 lakhs (1.39%) were functioning with employment of size class of 6-9 and rest 0.03 lakhs (1.39%) were functioning with employment of size class of 10 or more workers. The highest number of women owned establishments with only one worker 0.16 lakh are existing in Sambalpur district followed by 0.12 lakh in Ganjam district.

Figure no.10

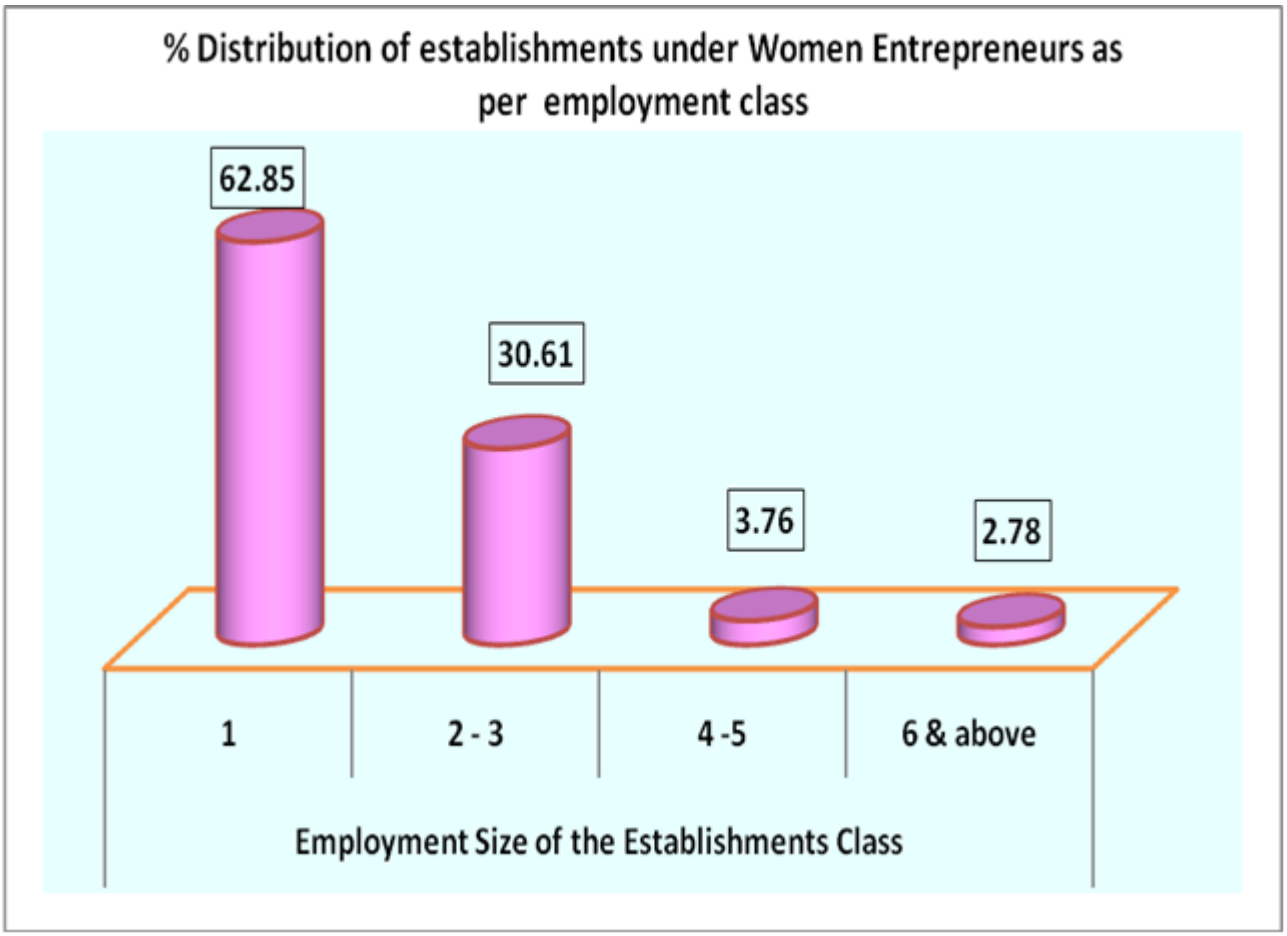


Table 6.9: District wise number of women owned establishments by size class of employment

District	Number of establishments with Hired Workers												
	Employment Size of the Establishments Class												
	1	2 - 3	4 -5	6 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 99	100 - 199	200 - 499	500 or more	All
Bargarh	3730	2327	240	49	10	3	2	2	5	0	0	0	6368
Jharsuguda	5560	2078	276	100	12	3	4	2	6	2	1	0	8044
Sambalpur	15903	4774	467	107	15	3	3	4	4	0	0	1	21281
Debagarh	901	781	104	32	471	113	7	0	0	0	0	0	2409
Sundargarh	3889	1424	225	115	10	4	3	0	4	2	1	1	5678
Kendujhar	8178	5595	399	226	48	8	1	2	7	0	1	1	14466
Mayurbhanj	8482	9462	1416	284	30	5	4	0	11	0	0	0	19694
Baleshwar	7860	1462	267	213	237	24	6	1	12	0	0	0	10082
Bhadrak	3119	853	128	66	11	2	0	1	2	0	0	0	4182
Kendrapara	3605	1512	166	86	335	94	17	5	10	0	0	0	5830
Jagatsinghapur	3889	1700	163	65	42	12	2	1	2	1	0	0	5877
Cuttack	7029	2417	416	266	83	26	12	2	12	3	0	0	10266
Jajapur	4163	3607	562	147	264	52	7	0	5	0	1	0	8808
Dhenkanal	2236	722	108	61	40	3	3	1	4	0	0	0	3178
Anugul	10935	3217	101	60	84	7	3	0	4	0	0	0	14411
Nayagarh	3898	1310	101	32	122	29	9	1	4	1	0	0	5507
Khordha	4743	1761	449	326	38	21	12	9	34	5	1	0	7399
Puri	2922	1419	189	122	491	140	39	6	10	1	0	1	5340
Ganjam	12230	5817	829	508	34	14	5	4	8	0	1	0	19450
Gajapati	1461	683	67	22	5	2	1	1	1	0	0	0	2243
Kandhamal	11303	6020	491	62	2	1	2	3	1	0	0	0	17885
Baudh	7418	2778	173	15	2	2	1	0	0	0	0	0	10389
Subarnapur	1164	1394	180	37	2	0	0	0	1	0	0	0	2778
Balangir	6432	4193	1117	230	8	3	1	0	5	0	0	0	11989
Nuapada	741	550	41	22	8	1	1	0	3	1	0	0	1368
Kalahandi	3027	1742	172	52	20	1	1	1	3	0	0	0	5019
Rayagada	1863	975	104	40	10	1	3	1	1	0	1	0	2999
Nabarangapur	5140	1413	134	42	6	1	0	1	0	0	0	0	6737
Koraput	3164	3731	252	80	45	4	4	3	4	1	0	0	7288
Malkangiri	1897	682	40	9	5	1	0	0	1	0	0	0	2635
Total Odisha	**156882**	**76399**	**9377**	**3476**	**2490**	**580**	**153**	**51**	**164**	**17**	**7**	**4**	**249600**

6.11: WOMEN OWNED HANDLOOM / HANDICRAFT ESTABLISHMENTS

There are 2.50 lakhs women owned establishments out of which 1.43 lakhs were Handloom/ Handicraft establishments. Again out of 1.43 lakhs Handloom/ Handicraft establishments 0.20 lakhs were the women owned establishments. The women owned Handloom/ Handicraft establishments functioning in rural areas and urban areas are 0.18 lakhs & 0.02 lakhs respectively. The highest number of women owned Handicraft/Handloom establishments are existing in Mayurbhanj district 7944 (39.47%) , followed by Sambalpur 981 (4.87%), Cuttack 967(4.80%), Jharsuguda 948 (4.71%)and Ganjam 936(4.65%).

The district wise distribution of women owned Handloom/ Handicraft establishments is given in the **Table- 6.10** and position of top five districts is given in **figure-11**.

Figure no.11

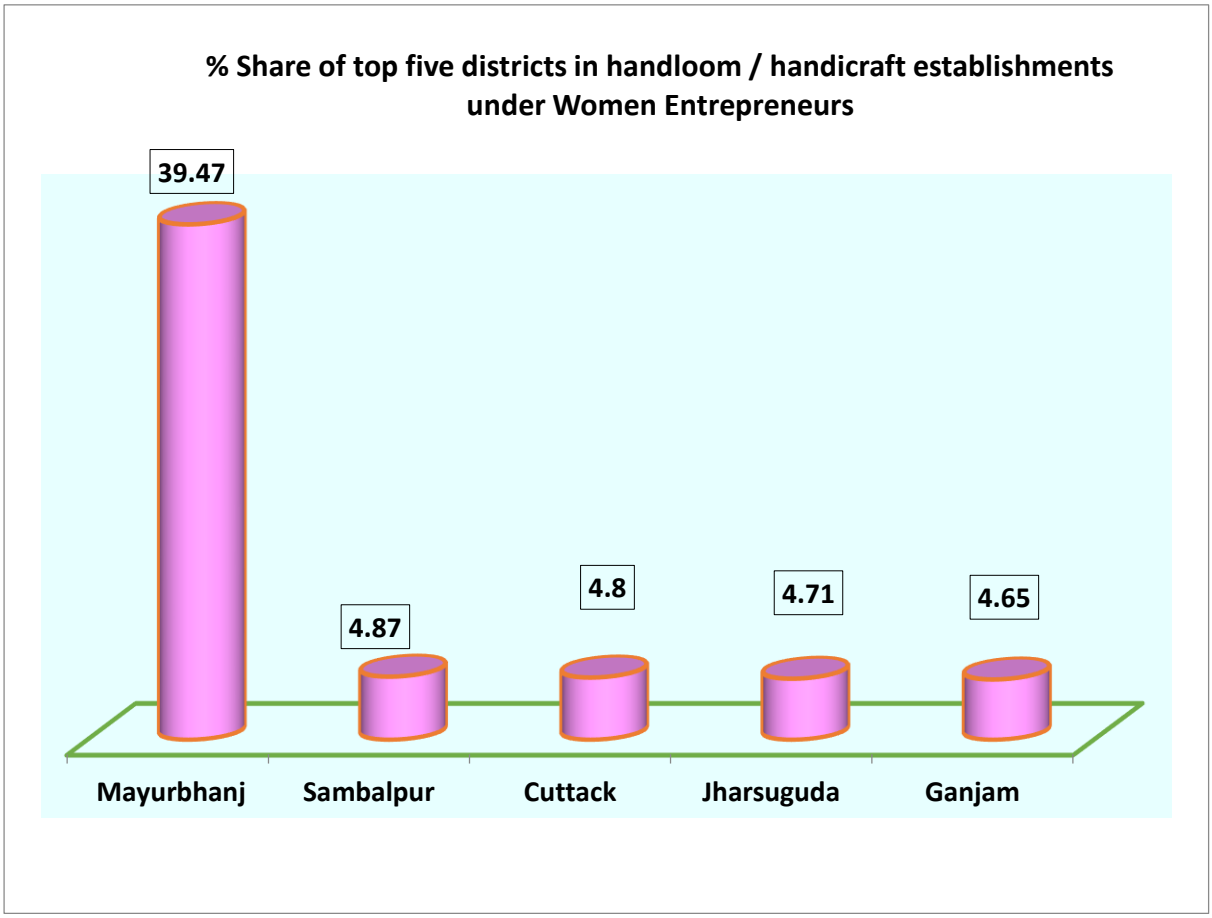


Table 6.10 : District wise distribution of women owned handloom / handicraft establishments.									
District	Number of women owned handloom / handicraft establishments								
	Rural			Urban			Total		
	Women owned	Total	% to total proprietary establish-ment	Women owned	Total	% to total proprietary establish-ment	Women owned	Total	% to total proprietary establish-ment
Bargarh	739	14612	5.06	58	1400	4.14	797	16012	4.98
Jharsuguda	906	1610	56.27	42	150	28.00	948	1760	53.86
Sambalpur	827	3206	25.80	154	654	23.55	981	3860	25.41
Debagarh	30	245	12.24	2	14	14.29	32	259	12.36
Sundargarh	190	1294	14.68	47	353	13.31	237	1647	14.39
Kendujhar	284	3386	8.39	143	432	33.10	427	3818	11.18
Mayurbhanj	7778	40008	19.44	166	536	30.97	7944	40544	19.59
Baleshwar	216	2072	10.42	18	193	9.33	234	2265	10.33
Bhadrak	96	1407	6.82	18	210	8.57	114	1617	7.05
Kendrapara	188	1782	10.55	49	232	21.12	237	2014	11.77
Jagatsinghapur	251	1444	17.38	48	251	19.12	299	1695	17.64
Cuttack	778	7096	10.96	189	1797	10.52	967	8893	10.87
Jajapur	667	5083	13.12	182	778	23.39	849	5861	14.49
Dhenkanal	305	2452	12.44	26	169	15.38	331	2621	12.63
Anugul	116	1516	7.65	32	209	15.31	148	1725	8.58
Nayagarh	562	3913	14.36	68	535	12.71	630	4448	14.16
Khordha	161	1593	10.11	108	684	15.79	269	2277	11.81
Puri	450	3097	14.53	113	669	16.89	563	3766	14.95
Ganjam	700	4779	14.65	236	1925	12.26	936	6704	13.96
Gajapati	46	315	14.60	9	156	5.77	55	471	11.68
Kandhamal	523	1711	30.57	37	193	19.17	560	1904	29.41
Baudh	471	3929	11.99	10	352	2.84	481	4281	11.24
Subarnapur	296	5983	4.95	109	1480	7.36	405	7463	5.43
Balangir	433	5184	8.35	36	485	7.42	469	5669	8.27
Nuapada	99	1555	6.37	4	72	5.56	103	1627	6.33
Kalahandi	378	4844	7.80	67	648	10.34	445	5492	8.10
Rayagada	210	1354	15.51	79	417	18.94	289	1771	16.32
Nabarangapur	72	581	12.39	16	54	29.63	88	635	13.86
Koraput	149	1409	10.57	100	560	17.86	249	1969	12.65
Malkangiri	25	243	10.29	17	94	18.09	42	337	12.46
Total Odisha	**17946**	**127703**	**14.05**	**2183**	**15702**	**13.90**	**20129**	**143405**	**14.04**

It is observed from the table-11 that in the 1.43 lakhs Handloom/ Handicraft establishments of the state only 14.04% are women owned establishments. Jhasuguda is the only one district of the state having more than fifty percent women owned proprietary Handloom/ Handicraft establishments. The percentage of women owned proprietary Handloom/ Handicraft establishments of Jhasuguda district was 53.86%, followed by Kandhamal 29.41% and Sambalpur 25.41%. In rural area the highest percentage of women owned proprietary Handloom/ Handicraft establishments belongs to Jhasuguda district 56.27%, followed by Kandhamal 30.57% and Sambalpur 25.80%. Similarly, in urban area the highest percentage of women owned proprietary Handloom/ Handicraft establishments belongs to Kendujhar district 33.10%, followed by Mayurbhanj 30.97% and Nabarangpur 29.63%.

CHAPTER VII
COMPARISON OF RESULTS OF ECONOMIC CENSUSES 2005 and 2013

7.1: GROWTH RATES AND COMPOUND ANNUAL GROWTH RATES (CAGR) OF ESTABLISHMENTS & EMPLOYMENTS OF FIFTH AND SIXTH ECONOMIC CENSUSES.

The number, overall growth rates and compound annual growth rates (CAGR) of establishments and employment during last two economic censuses i.e. Fifth Economic Census (2005) and Sixth Economic Census (2013) are presented in the **Table-7.1.**

Table 7.1: Number of Establishments and Employment for Fifth and Sixth ECs

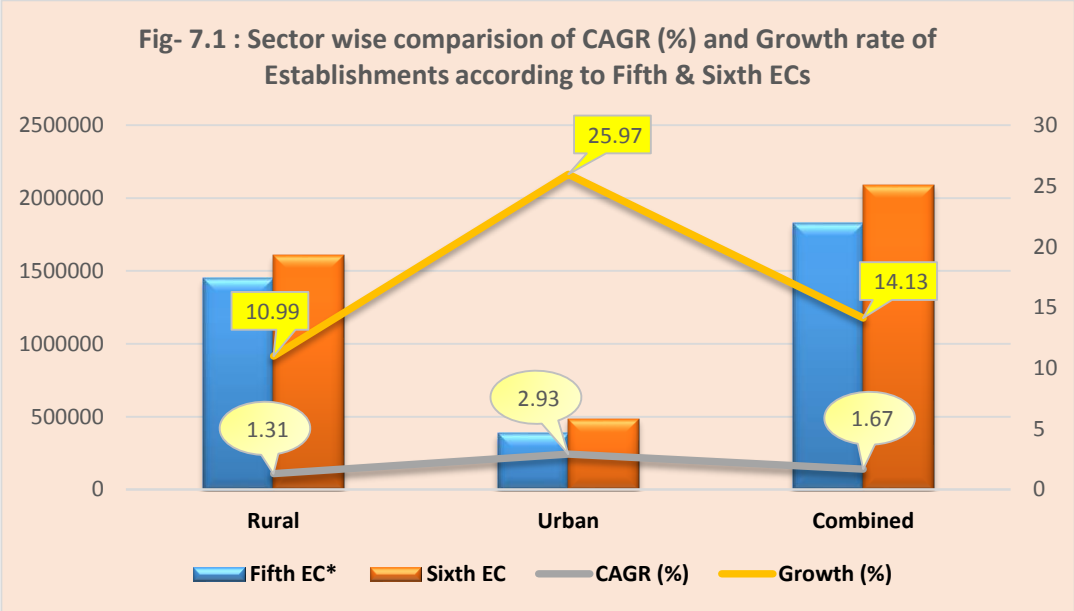
Sector	Item	Fifth EC	Sixth EC	CAGR	Growth Rate
Rural	**Establishments**	1446735	1605743	1.31	10.99
	Employment	2683629	3194445	2.20	19.03
Urban	**Establishments**	383563	483162	2.93	25.97
	Employment	1021945	1123602	1.19	9.95
Combined	**Establishments**	1830298	2088905	1.67	14.13
	Employment	3705574	4318047	1.93	16.53

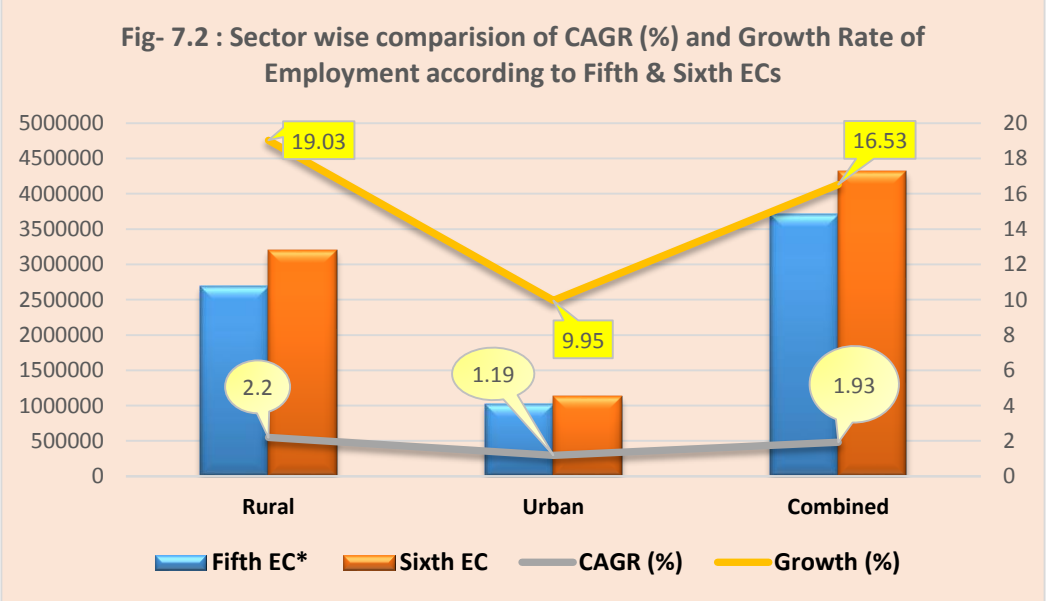
There were 1830298 number of establishments during 5th Economic Census (2005), which increased to 2088905 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was 14.13% and Compound Annual Growth Rate (CAGR) of establishments was 1.67%.

In rural areas, there were as 1446735 number of establishments during 5th Economic Census (2005), which increased to 1605743 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was 10.99% and Compound Annual Growth Rate (CAGR) of establishments was 1.31%.

In urban areas, there were 383563 number of establishments during 5th Economic Census (2005), which increased to 483162 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was 25.97% and Compound Annual Growth Rate (CAGR) of establishments was 2.93%.

The sector wise comparison of Growth Rate and Compound Annual Growth Rate (CAGR) of establishments is given in **Fig- 7.1** and Fig- **7.2** respectively.





7.2: DISTRICT WISE GROWTH RATES OF ESTABLISHMENTS & EMPLOYMENTS OF FIFTH AND SIXTH ECONOMIC CENSUSES.

The district wise overall growth rates of establishments and employment during Fifth Economic Census (2005) and Sixth Economic Census (2013) are presented in **Table-7.2**.

It is seen that there is a wide variation in the overall growth rates of establishments between the districts. The highest growth rate 138.99% was observed in Boudh district, followed by 89.58% in Jajapur district. According to growth rate the position of top ten districts in descending order is shown in **Fig-7.3**.The lowest growth rate (-) 59.00% was observed in Debagarh district and the second lowest growth rate (-) 17.19% was observed in Mayurbhanj district. The negative growth rate was noticed in the noted two districts only.

In rural area the highest growth rate 155.37% was observed in Boudh district, followed by 83.50% in Jajapur district. The lowest growth rate (-) 62.19% was observed in Debagarh district. In the rural areas also the negative growth rate was noticed in Debagarh and Mayurbhanj districts (-19.15%) only. Similarly, in urban area the highest growth rate 143.42% was observed in Jajapur district, followed by 107.06% in Nayagarh district. The lowest growth rate (-) 7.71 % was observed in Jagatsinghpur district. In the urban areas the negative growth rate was noticed in Jagatsinghpur, Cuttack (-4.96%) and Debagarh (-3.13%) districts only.

Figure: 7.3: Position of top ten districts in descending order of growth rate of establishments

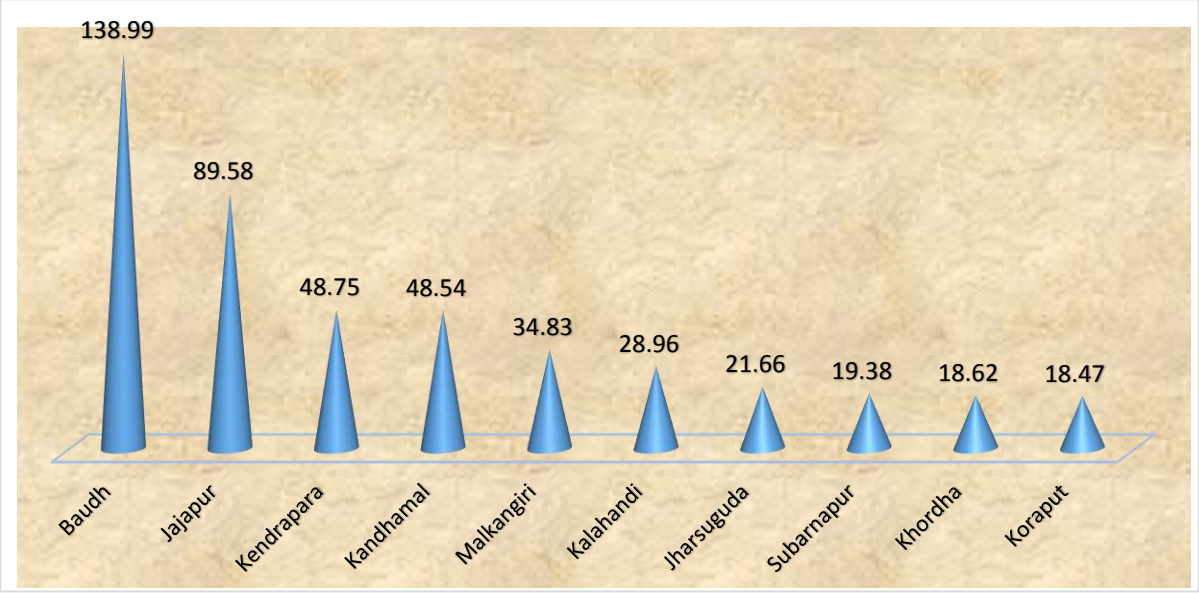
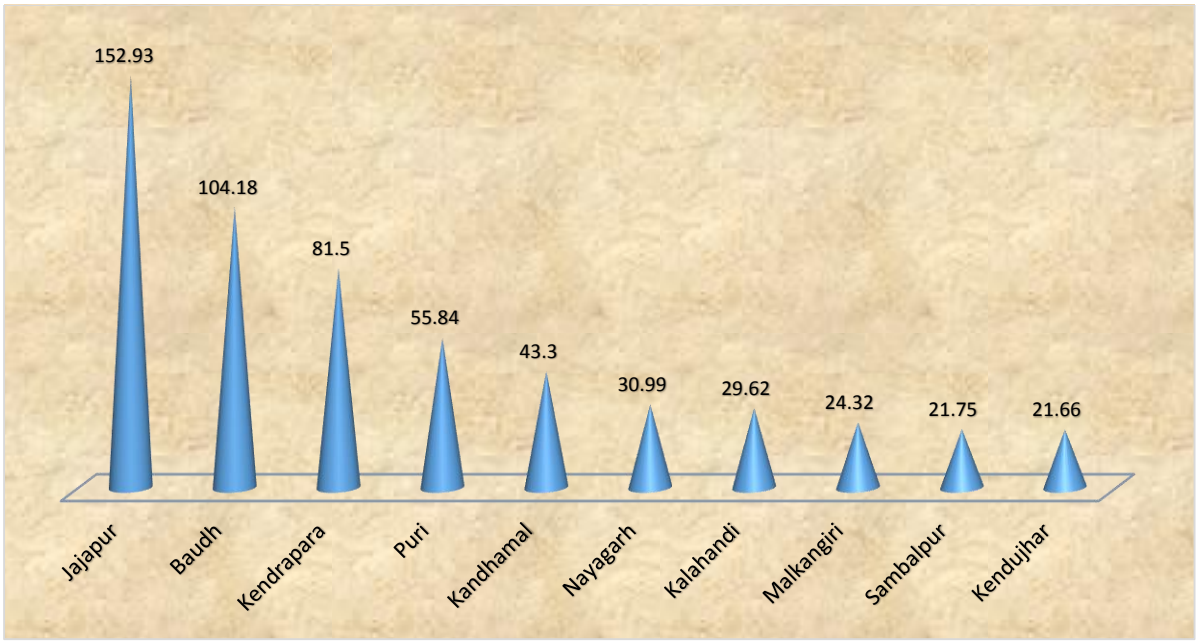


Table 7.2: Districts wise growth rate in establishments and employment between Fifth and Sixth Economic Censuses						
Districts	**Growth rate in Establishments**			**Growth rate in Employment**		
	Rural	**Urban**	**Combined**	**Rural**	**Urban**	**Combined**
Bargarh	9.36	32.67	12.14	-5.17	-0.65	-4.51
Jharsuguda	13.22	41.22	21.66	0.54	21.43	9.42
Sambalpur	12.20	37.90	18.10	24.31	16.51	21.75
Debagarh	-62.19	-3.13	-59.00	-6.84	-3.91	-6.61
Sundargarh	11.28	22.15	16.59	15.64	-13.24	-1.18
Kendujhar	16.06	22.36	17.14	21.61	21.84	21.66
Mayurbhanj	-19.15	4.36	-17.19	-17.22	-10.82	-16.59
Baleshwar	3.76	11.44	5.09	11.09	-6.13	7.33
Bhadrak	9.76	16.06	10.97	19.84	14.66	18.64
Kendrapara	50.60	35.16	48.75	94.26	17.81	81.50
Jagatsinghpur	4.91	-7.71	3.06	3.94	-22.45	-1.81
Cuttack	4.03	-4.96	0.43	8.89	-10.54	-0.52
Jajapur	83.50	143.42	89.58	153.73	147.44	152.93
Dhenkanal	16.12	16.82	16.24	6.22	4.58	5.88
Anugul	2.09	28.76	6.82	7.16	-18.35	-1.10
Nayagarh	2.34	107.06	10.40	26.42	70.53	30.99
Khordha	3.67	33.93	18.62	2.50	10.04	7.37
Puri	21.91	7.10	17.96	77.31	10.74	55.84
Ganjam	0.18	36.83	9.78	1.51	46.24	15.21
Gajapati	1.98	31.93	7.46	12.72	21.85	14.59
Kandhamal	45.37	81.46	48.54	44.25	36.87	43.30
Baudh	155.37	3.95	138.99	121.23	-15.37	104.18
Subarnpur	14.74	51.17	19.38	11.92	31.20	14.72
Balangir	1.67	17.02	3.68	5.44	0.16	4.65
Nuapada	10.36	19.99	11.51	6.97	8.60	7.22
Kalahandi	20.90	90.02	28.96	26.23	46.68	29.62
Rayagada	8.87	42.56	15.89	20.94	14.07	19.0
Nabarangapur	10.45	49.52	14.31	5.86	37.83	9.66
Koraput	10.50	44.92	18.47	10.30	23.34	13.78
Malkangiri	40.64	12.36	34.83	32.66	-0.46	24.32
All Odisha	**10.99**	**25.97**	**14.13**	**19.03**	**9.95**	**16.53**

It is seen that there is a wide variation in the overall growth rates of employment between the districts. The highest growth rate in employment 152.93% was observed in Jajapur district, followed by 104.18% in Boudh district. According to growth rate the position of top ten districts in descending order is shown in **Fig-7.4**.The lowest growth rate (-) 16.59% was observed in Mayurbhanj district and the second lowest growth rate (-)6.61% was observed in Debagarh district. The negative growth rate was noticed in the seven districts namely Mayurbhanj (-16.59%), Debagarh (-6.61%), Bargarh (-4.51%), Jagatsinghpur (-1.81%), Sundargarh (-1.18%), Anugul (-1.10%) and Cuttack (-0.52%) only.

In rural area the highest growth rate 153.73% was observed in Jajapur district, followed by 121.23% in Boudh district. The lowest growth rate (-) 17.22% was observed in Mayurbhanj district. In the rural areas the negative growth rate was noticed in Mayurbhanj (-19.15%), Debagarh (-6.84%) and Baragarh (-5.17%) only. Similarly, in urban area the highest growth rate 147.44% was observed in Jajapur district, followed by 70.53% in Nayagarh district. The lowest growth rate (-) 22.45% was observed in Jagatsinghpur district. In the urban areas the negative growth rate was noticed in nine districts only.

Figure: 7.4: Position of top ten districts in descending order of growth rate of employments



7.3: DISTRICT WISE COMPOUND ANNUAL GROWTH RATES (CAGR) OF ESTABLISHMENTS & EMPLOYMENTS OF FIFTH AND SIXTH ECONOMIC CENSUSES.

The district wise compound annual growth rates (CAGR) of establishments and employment during Fifth Economic Census (2005) and Sixth Economic Census (2013) are presented in the **Table-7.3**.

It is seen that there is a wide variation in the CAGR of establishments between the districts. The highest CAGR 11.51% was observed in Boudh district, followed by 8.32% in Jajapur district. The lowest CAGR growth rate (-) 10.55 % was observed in Debagarh district. The negative CAGR was noticed in the two districts namely Debagarh and Mayurbhanj only.

In rural area the highest CAGR 12.43%was observed in Boudh district, followed by 7.88% in Jajapur district. The lowest CAGR (-) 11.45% was observed in Debagarh district. In the rural areas the negative CAGR was also noticed in the same two districts. Similarly, in urban area the highest CAGR 11.76% was observed in Jajapur district, followed by 9.52% in Nayagarh district. The lowest CAGR (-) 1.00 % was observed in Jagatsinghpur district. In the urban areas the negative CAGR was noticed in three districts only.

A wide variation is also seen in the CAGR of employment between the districts. The highest CAGR in employment 12.30% was observed in Jajapur district, followed by 9.33% in Boudh district. The lowest CAGR (-) 2.24% was observed in Mayurbhanj district. The negative CAGR was noticed in the seven districts only.

In rural area the highest CAGR 12.34% was observed in Jajapur district, followed by 10.43% in Boudh district. The lowest CAGR (-) 2.33% was observed in Mayurbhanj district. Similarly, in urban area the highest CAGR 11.99% was observed in Jajapur district, followed by 6.90% in Nayagarh district. The lowest CAGR (-) 3.13% was observed in Jagatsinghpur district.

Table 7.3: Districts wise CAGR in establishments and employment between Fifth and Sixth Economic Censuses						
Districts	CAGR in Establishments			CAGR in Employment		
	Rural	**Urban**	**Combined**	**Rural**	**Urban**	**Combined**
Bargarh	1.13	3.60	1.44	-0.66	-0.08	-0.57
Jharsuguda	1.56	4.41	2.48	0.07	2.46	1.13
Sambalpur	1.45	4.10	2.10	2.76	1.93	2.49
Debagarh	-11.45	-0.40	-10.55	-0.88	-0.50	-0.85
Sundargarh	1.34	2.53	1.94	1.83	-1.76	-0.15
Kendujhar	1.88	2.55	2.00	2.48	2.50	2.48
Mayurbhanj	-2.62	0.54	-2.33	-2.33	-1.42	-2.24
Baleshwar	0.46	1.36	0.62	1.32	-0.79	0.89
Bhadrak	1.17	1.88	1.31	2.29	1.72	2.16
Kendrapara	5.25	3.84	5.09	8.65	2.07	7.74
Jagatsinghapur	0.60	-1.00	0.38	0.48	-3.13	-0.23
Cuttack	0.50	-0.63	0.05	1.07	-1.38	-0.07
Jajapur	7.88	11.76	8.32	12.34	11.99	12.30
Dhenkanal	1.89	1.96	1.90	0.76	0.56	0.72
Anugul	0.26	3.21	0.83	0.87	-2.50	-0.14
Nayagarh	0.29	9.52	1.24	2.97	6.90	3.43
Khordha	0.45	3.72	2.16	0.31	1.20	0.89
Puri	2.51	0.86	2.09	7.42	1.28	5.70
Ganjam	0.02	4.00	1.17	0.19	4.87	1.79
Gajapati	0.25	3.52	0.90	1.51	2.50	1.72
Kandhamal	4.79	7.73	5.07	4.69	4.00	4.60
Baudh	12.43	0.49	11.51	10.43	-2.06	9.33
Subarnapur	1.73	5.30	2.24	1.42	3.45	1.73
Balangir	0.21	1.98	0.45	0.66	0.02	0.57
Nuapada	1.24	2.30	1.37	0.85	1.04	0.88
Kalahandi	2.40	8.36	3.23	2.95	4.91	3.30
Rayagada	1.07	4.53	1.86	2.41	1.66	2.20
Nabarangapur	1.25	5.16	1.69	0.71	4.09	1.16
Koraput	1.26	4.75	2.14	1.23	2.66	1.63
Malkangiri	4.35	1.47	3.81	3.60	-0.06	2.76
All Odisha	**1.31**	**2.93**	**1.67**	**2.20**	**1.19**	**1.93**

7.4: GROWTH RATES AND COMPOUND ANNUAL GROWTH RATES (CAGR) OF AGRICULTURAL ESTABLISHMENTS & EMPLOYMENTS OF FIFTH AND SIXTH ECONOMIC CENSUSES.

The number, overall growth rates and compound annual growth rates (CAGR) of agricultural establishments and employment there in during last two economic censuses i.e. Fifth Economic Census (2005) and Sixth Economic Census (2013) are presented in the **Table-7.4**.

Table 7.4: Growth rate and CAGR of Agricultural establishments and employment therein

Sector	Item	Fifth EC	Sixth EC	CAGR	Growth Rate
Rural	**Establishments**	182073	355662	8.73	95.34
	Employment	310202	671591	10.14	116.50
Urban	**Establishments**	10223	20024	8.77	95.87
	Employment	25247	35736	4.44	41.55
Combined	**Establishments**	192296	375686	8.73	95.37
	Employment	335449	707327	9.77	110.86

There were 192296 number of establishments during 5th Economic Census (2005), which increased to 375686 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was 95.37% and Compound Annual Growth Rate (CAGR) of establishments was 8.73%.

In rural areas, there were as 182073 number of establishments during 5th Economic Census (2005), which increased to 355662 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was 95.34% and Compound Annual Growth Rate (CAGR) of establishments was 8.73%.

In urban areas, there were 10223 number of establishments during 5th Economic Census (2005), which increased to 20024 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was 95.87% and Compound Annual Growth Rate (CAGR) of establishments was 8.77%.

The sector wise comparison of Growth Rate and Compound Annual Growth Rate (CAGR) of establishments is given in **Fig- 7.5** and **Fig- 7.6** respectively.

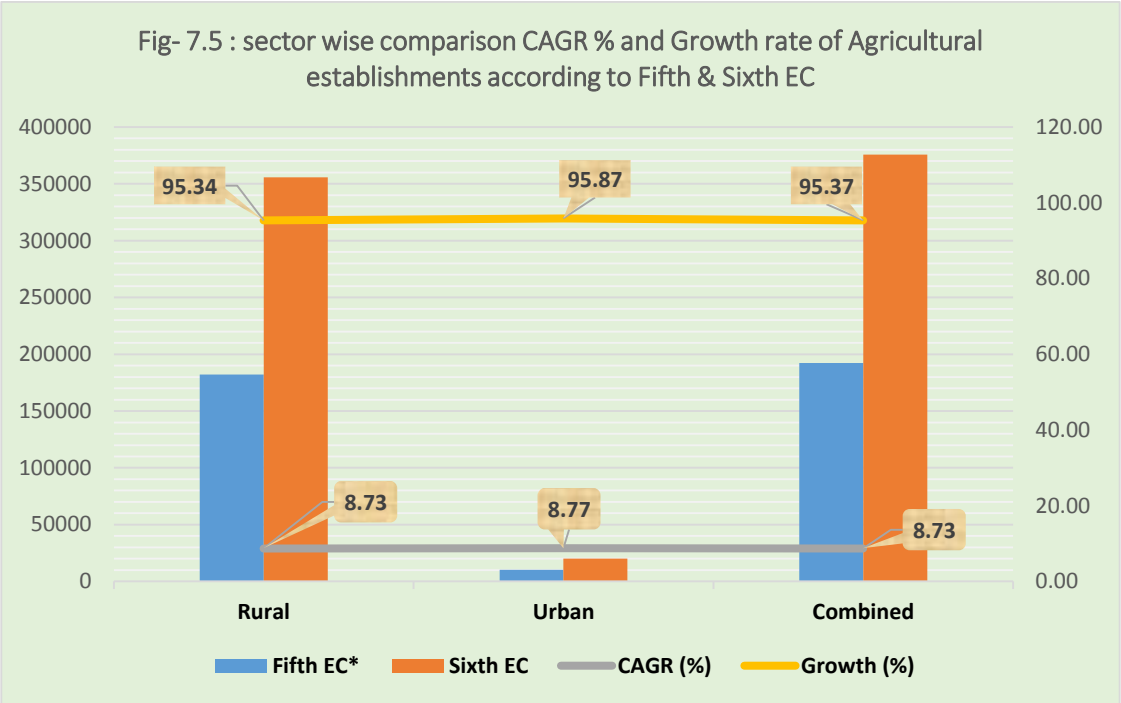


Fig- 7.5 : sector wise comparison CAGR % and Growth rate of Agricultural establishments according to Fifth & Sixth EC
400000
350000
300000
250000
200000
150000
100000
50000
0
120.00
100.00
80.00
60.00
40.00
20.00
0.00
95.34
95.87
95.37
8.73
8.77
8.73
Rural
Urban
Combined
Fifth EC*
Sixth EC
CAGR (%)
Growth (%)

Figure: 7.6

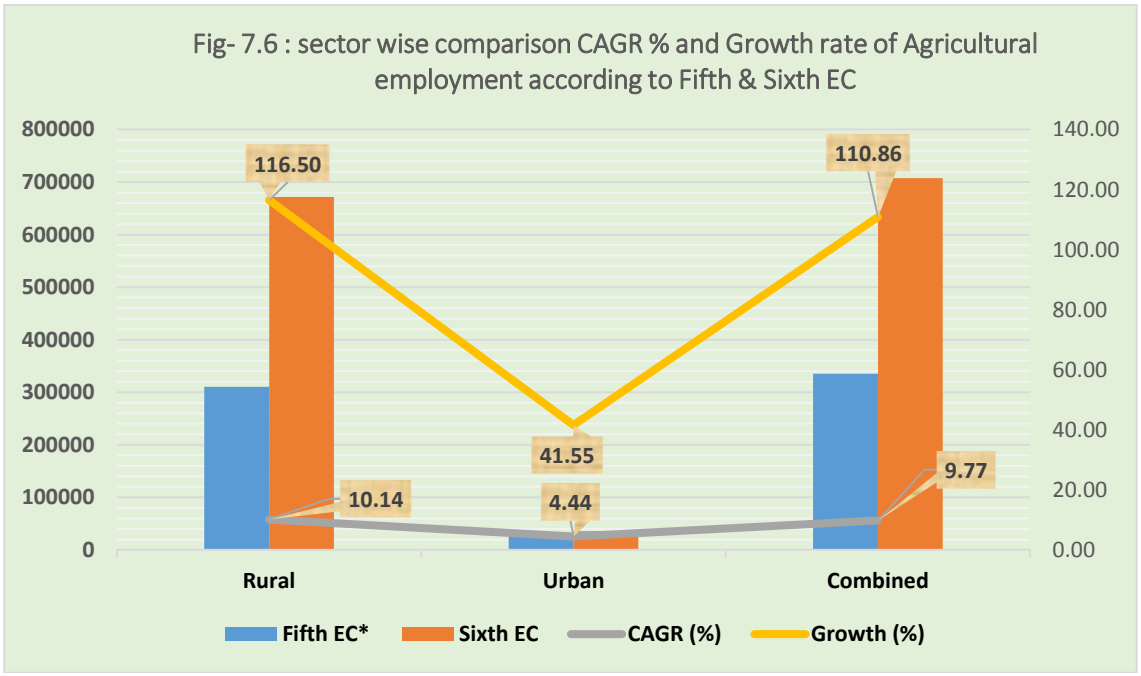


Fig- 7.6 : sector wise comparison CAGR % and Growth rate of Agricultural employment according to Fifth & Sixth EC
800000
700000
600000
500000
400000
300000
200000
100000
0
140.00
120.00
100.00
80.00
60.00
40.00
20.00
0.00
116.50
110.86
41.55
10.14
4.44
9.77
Rural
Urban
Combined
Fifth EC*
Sixth EC
CAGR (%)
Growth (%)

7.5: GROWTH RATES AND COMPOUND ANNUAL GROWTH RATES (CAGR) OF NON-AGRICULTURAL ESTABLISHMENTS & EMPLOYMENTS OF FIFTH AND SIXTH ECONOMIC CENSUSES.

The number, overall growth rates and compound annual growth rates (CAGR) of non-agricultural establishments and employment there in during last two economic censuses i.e. Fifth Economic Census (2005) and Sixth Economic Census (2013) are presented in the **Table-7.5**.

Table 7.5: Growth rate and CAGR of Non-Agricultural establishments and employment therein

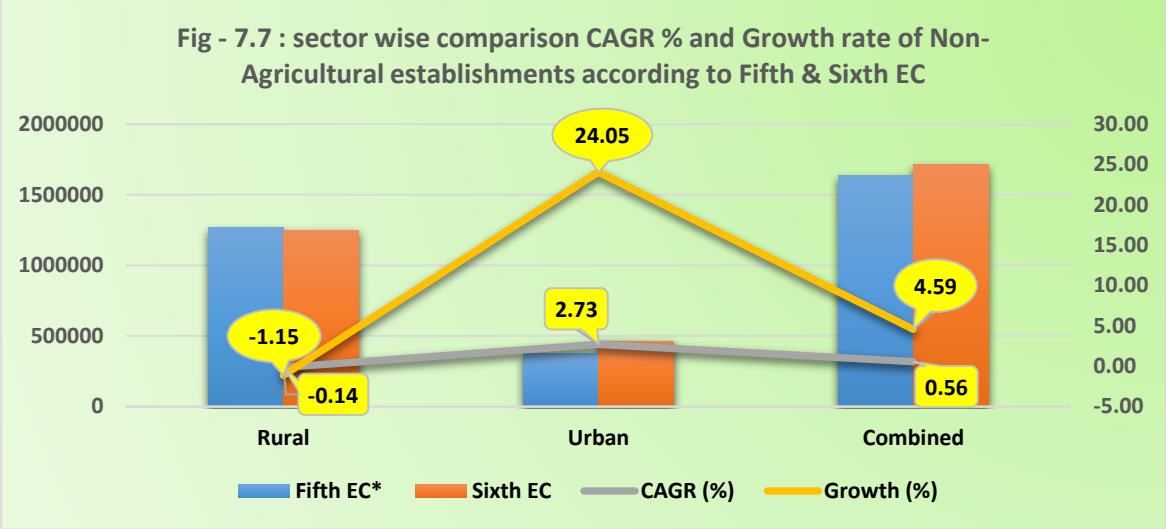
Sector	Item	Fifth EC*	Sixth EC	CAGR (%)	Total Growth (%)
Rural	**Establishments**	1264662	1250081	-0.14	-1.15
	Employment	2373427	2522854	0.77	6.30
Urban	**Establishments**	373340	463138	2.73	24.05
	Employment	996698	1087866	1.10	9.15
Combined	**Establishments**	1638002	1713219	0.56	4.59
	Employment	3370125	3610720	0.87	7.14

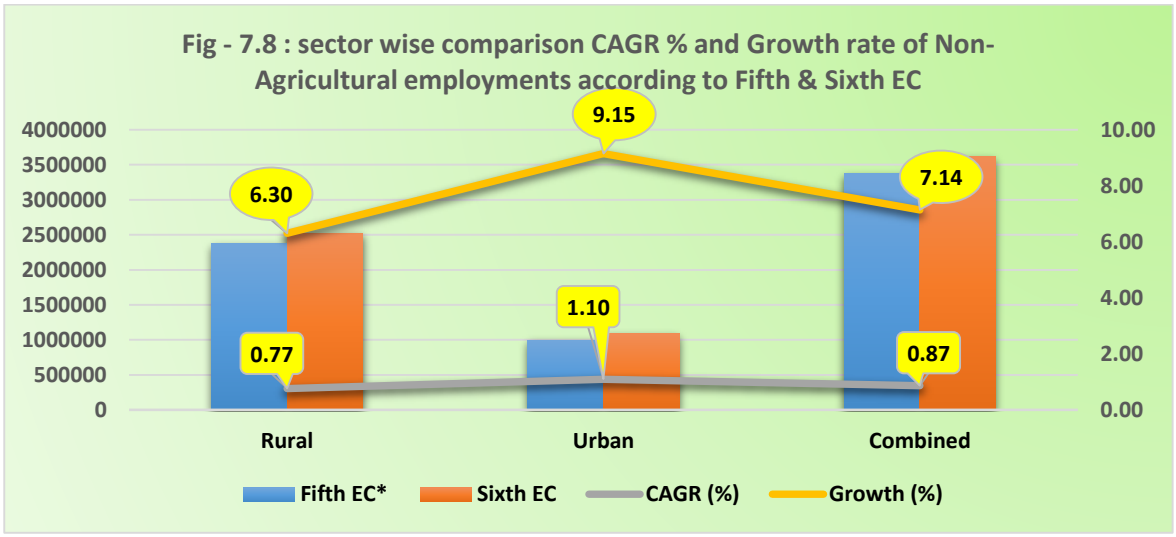
There were 1638002 number of establishments during 5th Economic Census (2005), which increased to 1713219 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was 4.59% and Compound Annual Growth Rate (CAGR) of establishments was 0.56%.

In rural areas, there were as 1264662 number of establishments during 5th Economic Census (2005), which increased to 1250081 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was (-) 1.15% and Compound Annual Growth Rate (CAGR) of establishments was (-) 0.14%.

In urban areas, there were 373340 number of establishments during 5th Economic Census (2005), which increased to 463138 during 6th Economic Census (2013) within a period of eight years. The overall Growth Rate of establishments during the period was 24.05% and Compound Annual Growth Rate (CAGR) of establishments was 2.73%.

The sector wise comparison of Growth Rate and Compound Annual Growth Rate (CAGR) of non-agricultural establishments is given in **Fig- 7.7** and **Fig- 7.8** respectively.





7.6 AVERAGE EMPLOYMENT PER ESTABLISHMENT

The average employment per establishment according to the results of 5th Economic Census (2005) and 6th Economic Census (2013) of Odisha are given in the **Table- 7.6**. The overall average employment per establishment at state level was increased from 2.02 in 2005 to 2.07 in 2013. In rural area the average employment per establishment was increased from 1.85 to 1.99 and in urban area it was decreased from 2.66 to 2.33 during the period. The average employment per establishment has shown an increasing trend at state level and rural area. But the decreasing trend is noticed in urban areas.

The overall average employment per agricultural establishment was increased from 1.74 in 2005 to 1.88 in 2013 and the average employment per non-agricultural establishments was increased from 2.06 in 2005 to 2.11 in 2013.

Table 7.6: Average employment per establishment

Sl No	Type	Rural		Urban		Combined	
		2005	**2013**	**2005**	**2013**	**2005**	**2013**
	Agricultural establishments						
I	OAE	0.04	1.79	1.53	1.51	1.57	1.77
	Estt.with atleast one hired worker	2.34	3.32	4.42	3.62	2.54	3.35
	Total	1.70	1.89	2.47	1.78	1.74	1.88
	Non-Agricultural establishments						
II	OAE	1.44	1.53	1.20	1.24	1.39	1.46
	Estt.with atleast one hired worker	2.96	3.40	5.00	4.31	3.55	3.71
	Total	1.88	2.02	2.67	2.35	2.06	2.11
	All establishments						
III	OAE	1.46	1.60	1.20	1.26	1.41	1.53
	Estt.with atleast one hired worker	2.91	3.39	4.98	4.30	3.48	3.69
	Total	1.85	1.99	2.66	2.33	2.02	2.07

ANNEXURE

IMPORTANT TABLES

Broad activity code	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without Hired Worker	With atleast one Hired Worker	Total	Without Hired Worker	With atleast one Hired Worker	Total	Without Hired Worker	With atleast one Hired Worker	Total
01 - Activities relating to agriculture other than crop production & plantation	5916	2822	8738	278	200	478	6194	3022	9216
02 - Livestock	109339	12421	121760	7126	1225	8351	116465	13646	130111
03 - Forestry and Logging	176788	5301	182089	3267	321	3588	180055	5622	185677
04 - Fishing and aqua culture	40246	2829	43075	6753	854	7607	46999	3683	50682
Subtotal: Agricultural Activities	332289	23373	355662	17424	2600	20024	349713	25973	375686
05 - Mining and quarrying	1693	995	2688	261	285	546	1954	1280	3234
06 - Manufacturing	278002	49014	327016	40034	21656	61690	318036	70670	388706
07 - Electricity, gas, steam and air conditioning supply	240	694	934	188	572	760	428	1266	1694
08 - Water supply, sewerage, waste management and remediation activities	1330	3132	4462	460	790	1250	1790	3922	5712
09 - Construction	18283	7113	25396	6166	4307	10473	24449	11420	35869
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	7687	5017	12704	5894	10110	16004	13581	15127	28708
11 - Whole sale trade (not covered in item-10 above)	9514	3037	12551	2852	4112	6964	12366	7149	19515
12 - Retail trade (not covered in item-10 above)	396521	59824	456345	147775	55311	203086	544296	115135	659431
13 - Transportation and storage	21417	18965	40382	13499	7650	21149	34916	26615	61531
14 - Accommodation and Food service activities	34351	16032	50383	20861	14210	35071	55212	30242	85454
15 - Information & communication	2789	2454	5243	2435	2349	4784	5224	4803	10027
16 - Financial and insurance activities	22945	5507	28452	4046	3846	7892	26991	9353	36344
17 - Real estate activities	925	262	1187	3034	459	3493	3959	721	4680
18 - Professional, scientific & technical activities	6338	2971	9309	5408	2622	8030	11746	5593	17339
19 - Administrative and support service activities	6612	5320	11932	5973	3992	9965	12585	9312	21897
20 - Education	6921	72441	79362	3403	9650	13053	10324	82091	92415
21 - Human health & social work activities	10398	12801	23199	3646	5652	9298	14044	18453	32497
22 - Arts entertainment, sports & amusement and recreation	6644	3599	10243	1679	1496	3175	8323	5095	13418
23 - Other service activities not else where classified	92432	55861	148293	28594	17861	46455	121026	73722	194748
Subtotal:Non-Agricultural Activities	925042	325039	1250081	296208	166930	463138	1221250	491969	1713219
Total	**1257331**	**348412**	**1605743**	**313632**	**169530**	**483162**	**1570963**	**517942**	**2088905**

Table-2: District wise total number of establishments for all broad activity by sector and type of establishment.

District	Rural			Urban			Combined		
	Type of establishment			Type of establishment			Type of establishment		
	Without Hired Worker	With atleast one Hired Worker	Total	Without Hired Worker	With atleast one Hired Worker	Total	Without Hired Worker	With atleast one Hired Worker	Total
01 - Bargarh	55913	9322	65235	7309	3392	10701	63222	12714	75936
02 - Jharsuguda	18101	4283	22384	7148	4901	12049	25249	9184	34433
03 - Sambalpur	51480	12263	63743	15414	7952	23366	66894	20215	87109
04 - Debagarh	6612	2673	9285	843	517	1360	7455	3190	10645
05 - Sundargarh	26399	10688	37087	26211	12782	38993	52610	23470	76080
06 - Kendujhar	57587	17666	75253	9532	6780	16312	67119	24446	91565
07 - Mayurbhanj	96848	20201	117049	8980	4702	13682	105828	24903	130731
08 - Baleshwar	67449	17517	84966	12620	6381	19001	80069	23898	103967
09 - Bhadrak	34703	13782	48485	8377	3813	12190	43080	17595	60675
10 - Kendrapara	52019	13983	66002	5864	2190	8054	57883	16173	74056
11 - Jagatsinghapur	39982	12525	52507	4958	2961	7919	44940	15486	60426
12 - Cuttack	66866	19205	86071	32667	19869	52536	99533	39074	138607
13 - Jajapur	76392	32410	108802	9316	7003	16319	85708	39413	125121
14 - Dhenkanal	28539	10919	39458	5266	2841	8107	33805	13760	47565
15 - Anugul	39461	8887	48348	8347	4797	13144	47808	13684	61492
16 - Nayagarh	36469	6827	43296	5260	2045	7305	41729	8872	50601
17 - Khordha	37864	12859	50723	37609	26432	64041	75473	39291	114764
18 - Puri	47817	18767	66584	14494	6777	21271	62311	25544	87855
19 - Ganjam	88396	27117	115513	37443	18560	56003	125839	45677	171516
20 - Gajapati	15291	4892	20183	4528	1314	5842	19819	6206	26025
21 - Kandhamal	39819	6385	46204	4052	1488	5540	43871	7873	51744
22 - Baudh	30788	3296	34084	1367	316	1683	32155	3612	35767
23 - Subarnapur	27116	4922	32038	4806	1357	6163	31922	6279	38201
24 - Balangir	65277	10365	75642	8799	4357	13156	74076	14722	88798
25 - Nuapada	13196	5152	18348	1543	1146	2689	14739	6298	21037
26 - Kalahandi	42320	13830	56150	7865	3785	11650	50185	17615	67800
27 - Rayagada	21170	6159	27329	6685	2724	9409	27855	8883	36738
28 - Nabarangapur	32887	7984	40871	4564	1493	6057	37451	9477	46928
29 - Koraput	30030	9458	39488	9476	6125	15601	39506	15583	55089
30 - Malkangiri	10540	4075	14615	2289	730	3019	12829	4805	17634
Total	**1257331**	**348412**	**1605743**	**313632**	**169530**	**483162**	**1570963**	**517942**	**2088905**

Table-3: Broad Activity wise total number of persons employed by sector and type of establishment.									
Broad activity code	Rural			Urban			Combined		
	Without Hired Worker	With atleast one Hired Worker	Total	Without Hired Worker	With atleast one Hired Worker	Total	Without Hired Worker	With atleast one Hired Worker	Total
01 - Activities relating to agriculture other than crop production & plantation	10942	8735	19677	371	849	1220	11313	9584	20897
02 - Livestock	188482	42535	231017	10875	3938	14813	199357	46473	245830
03 - Forestry and Logging	338554	16316	354870	5632	1330	6962	344186	17646	361832
04 - Fishing and aqua culture	55959	10068	66027	9449	3292	12741	65408	13360	78768
Subtotal:Agricultural Activities	593937	77654	671591	26327	9409	35736	620264	87063	707327
05 - Mining and quarrying	3051	12012	15063	285	6103	6388	3336	18115	21451
06 - Manufacturing	468092	223617	691709	59866	107494	167360	527958	331111	859069
07 - Electricity, gas, steam and air conditioning supply	327	5391	5718	204	7079	7283	531	12470	13001
08 - Water supply, sewerage, waste management and remediation activities	1475	5793	7268	513	3561	4074	1988	9354	11342
09 - Construction	20629	29105	49734	6774	20946	27720	27403	50051	77454
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	8711	16297	25008	6918	37315	44233	15629	53612	69241
11 - Whole sale trade (not covered in item-10 above)	14818	10847	25665	3363	16216	19579	18181	27063	45244
12 - Retail trade (not covered in item-10 above)	475026	159728	634754	172680	167363	340043	647706	327091	974797
13 - Transportation and storage	23355	56495	79850	14347	30837	45184	37702	87332	125034
14 - Accomodation and and Food service activities	46129	50724	96853	26694	66063	92757	72823	116787	189610
15 - Information & communication	3654	5354	9008	2779	13351	16130	6433	18705	25138
16 - Financial and insurance activities	162773	27586	190359	9346	32869	42215	172119	60455	232574
17 - Real estate activities	1003	875	1878	3149	2001	5150	4152	2876	7028
18 - Professional, scientific & technical activities	7558	6523	14081	6067	12185	18252	13625	18708	32333
19 - Administrative and support service activities	8242	19011	27253	6862	19897	26759	15104	38908	54012
20 - Education	10395	334396	344791	4376	85419	89795	14771	419815	434586
21 - Human health & social work activities	27210	38267	65477	4981	39972	44953	32191	78239	110430
22 - Arts entertainment, sports & amusement and recreation	17519	12064	29583	3523	7156	10679	21042	19220	40262
23 - Other service activities not else where classified	118807	89995	208802	35641	43671	79312	154448	133666	288114
Subtotal:Non-Agricultural Activities	1418774	1104080	2522854	368368	719498	1087866	1787142	1823578	3610720
Total	**2012711**	**1181734**	**3194445**	**394695**	**728907**	**1123602**	**2407406**	**1910641**	**4318047**

Table-4 : Broad activity wise total number of establishments by sector and structure of establishment.									
Broad activity code	Rural			Urban			Combined		
	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH
01 - Activities relating to agriculture other than crop production & plantation	1569	4146	3023	230	161	87	1799	4307	3110
02 - Livestock	26975	15393	79392	1457	1275	5619	28432	16668	85011
03 - Forestry and Logging	6435	130848	44806	361	2608	619	6796	133456	45425
04 - Fishing and aqua culture	2715	36533	3827	397	6023	1187	3112	42556	5014
Subtotal : Agricultural Activities	37694	186920	131048	2445	10067	7512	40139	196987	138560
05 - Mining and quarrying	773	1405	510	175	328	43	948	1733	553
06 - Manufacturing	62081	40511	224424	28127	7083	26480	90208	47594	250904
07 - Electricity, gas, steam and air conditioning supply	798	82	54	635	92	33	1433	174	87
08 - Water supply, sewerage, waste management and remediation activities	3431	818	213	836	335	79	4267	1153	292
09 - Construction	2396	20251	2749	1564	8012	897	3960	28263	3646
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	9634	1227	1843	14097	864	1043	23731	2091	2886
11 - Whole sale trade (not covered in item-10 above)	3774	5217	3560	5147	839	978	8921	6056	4538
12 - Retail trade (not covered in item-10 above)	211008	132616	112721	126902	46960	29224	337910	179576	141945
13 - Transportation and storage	10019	24179	6184	5769	12949	2431	15788	37128	8615
14 - Accomodation and and Food service activities	30882	9487	10014	22230	6999	5842	53112	16486	15856
15 - Information & communication	3840	506	897	3952	364	468	7792	870	1365
16 - Financial and insurance activities	16613	4020	7819	4341	2374	1177	20954	6394	8996
17 - Real estate activities	263	429	495	611	760	2122	874	1189	2617
18 - Professional, scientific & technical activities	5662	2106	1541	4289	1759	1982	9951	3865	3523
19 - Administrative and support service activities	3732	4750	3450	4139	2229	3597	7871	6979	7047
20 - Education	70873	4479	4010	9879	1217	1957	80752	5696	5967
21 - Human health & social work activities	19024	1700	2475	7606	448	1244	26630	2148	3719
22 - Arts entertainment, sports & amusement and recreation	7018	1968	1257	2267	557	351	9285	2525	1608
23 - Other service activities not else where classified	100679	28919	18695	33016	7335	6104	133695	36254	24799
Subtotal : Non-Agricultural Activities	562500	284670	402911	275582	101504	86052	838082	386174	488963
Total	**600194**	**471590**	**533959**	**278027**	**111571**	**93564**	**878221**	**583161**	**627523**

Table-5 : District wise total number of establishments by sector and structure of establishment.									
District	Rural			Urban			Combined		
	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH
01 - Bargarh	18163	18977	28095	5846	2117	2738	24009	21094	30833
02 - Jharsuguda	6675	5105	10604	7146	2425	2478	13821	7530	13082
03 - Sambalpur	13146	13300	37297	11150	6056	6160	24296	19356	43457
04 - Debagarh	5506	2201	1578	897	234	229	6403	2435	1807
05 - Sundargarh	13746	12094	11247	22469	10250	6274	36215	22344	17521
06 - Kendujhar	23967	27364	23922	9758	3508	3046	33725	30872	26968
07 - Mayurbhanj	29900	19029	68120	8801	2077	2804	38701	21106	70924
08 - Baleshwar	39179	29494	16293	12629	3723	2649	51808	33217	18942
09 - Bhadrak	31046	9803	7636	7950	2405	1835	38996	12208	9471
10 - Kendrapara	26451	17349	22202	4299	1697	2058	30750	19046	24260
11 - Jagatsinghapur	26487	6417	19603	5414	1373	1132	31901	7790	20735
12 - Cuttack	44125	19757	22189	34156	8340	10040	78281	28097	32229
13 - Jajapur	39624	37840	31338	7034	5684	3601	46658	43524	34939
14 - Dhenkanal	19404	10784	9270	4857	2187	1063	24261	12971	10333
15 - Anugul	18307	8375	21666	8068	2638	2438	26375	11013	24104
16 - Nayagarh	14989	14067	14240	4137	1459	1709	19126	15526	15949
17 - Khordha	29687	14022	7014	46639	10661	6741	76326	24683	13755
18 - Puri	36095	16238	14251	10280	5987	5004	46375	22225	19255
19 - Ganjam	38956	45254	31303	25268	17985	12750	64224	63239	44053
20 - Gajapati	8391	7037	4755	2969	1385	1488	11360	8422	6243
21 - Kandhamal	8747	14739	22718	2718	1161	1661	11465	15900	24379
22 - Baudh	5581	11294	17209	715	325	643	6296	11619	17852
23 - Subarnapur	8223	11103	12712	2500	1640	2023	10723	12743	14735
24 - Balangir	15447	42928	17267	7013	3469	2674	22460	46397	19941
25 - Nuapada	7842	4640	5866	1731	433	525	9573	5073	6391
26 - Kalahandi	22703	18459	14988	4783	4197	2670	27486	22656	17658
27 - Rayagada	9783	11966	5580	4620	2880	1909	14403	14846	7489
28 - Nabarangapur	12373	12097	16401	2904	1632	1521	15277	13729	17922
29 - Koraput	18822	7233	13433	9668	3048	2885	28490	10281	16318
30 - Malkangiri	6829	2624	5162	1608	595	816	8437	3219	5978
Total	**600194**	**471590**	**533959**	**278027**	**111571**	**93564**	**878221**	**583161**	**627523**

Table-6 : District wise wise total number of Handicraft / Handloom Establishments by Sector and structure of establishment.

District	Rural			Urban			Combined		
	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH	Outside HH with fixed structure	Outside HH without fixed structure	Inside HH
01 - Bargarh	823	644	13325	103	23	1277	926	667	14602
02 - Jharsuguda	142	106	1441	65	18	92	207	124	1533
03 - Sambalpur	157	195	3032	207	109	484	364	304	3516
04 - Debagarh	70	29	166	7	1	6	77	30	172
05 - Sundargarh	129	110	1098	142	52	163	271	162	1261
06 - Kendujhar	179	430	2802	39	29	367	218	459	3169
07 - Mayurbhanj	1116	2133	36881	139	25	378	1255	2158	37259
08 - Baleshwar	557	171	1429	130	7	78	687	178	1507
09 - Bhadrak	247	310	863	106	39	72	353	349	935
10 - Kendrapara	342	288	1211	109	25	112	451	313	1323
11 - Jagatsinghapur	373	220	901	63	30	165	436	250	1066
12 - Cuttack	636	609	5943	718	107	1222	1354	716	7165
13 - Jajapur	636	905	3667	282	148	360	918	1053	4027
14 - Dhenkanal	264	299	1926	75	33	72	339	332	1998
15 - Anugul	261	228	1068	110	18	87	371	246	1155
16 - Nayagarh	508	552	2973	93	67	379	601	619	3352
17 - Khordha	325	181	1176	287	41	391	612	222	1567
18 - Puri	629	343	2343	217	23	535	846	366	2878
19 - Ganjam	658	882	3354	434	248	1317	1092	1130	4671
20 - Gajapati	38	52	229	46	5	106	84	57	335
21 - Kandhamal	71	254	1395	45	35	114	116	289	1509
22 - Baudh	214	198	3535	16	29	308	230	227	3843
23 - Subarnapur	248	264	5506	128	72	1289	376	336	6795
24 - Balangir	399	330	4500	153	66	270	552	396	4770
25 - Nuapada	310	172	1106	18	19	35	328	191	1141
26 - Kalahandi	322	1465	3109	109	218	325	431	1683	3434
27 - Rayagada	168	210	999	95	35	294	263	245	1293
28 - Nabarangapur	34	53	503	12	6	37	46	59	540
29 - Koraput	205	358	871	218	95	267	423	453	1138
30 - Malkangiri	27	17	202	23	15	59	50	32	261
Total	**10088**	**12008**	**107554**	**4189**	**1638**	**10661**	**14277**	**13646**	**118215**

Table-7 : District wise total number of persons employed in Handicraft / Handloom Establishments by Sector and structure of establishment.

District	Rural			Urban			Combined		
	Outside HH with fixed structure	Outside HH without fixed structure / Inside HH	Total	Outside HH with fixed structure	Outside HH without fixed structure / Inside HH	Total	Outside HH with fixed structure	Outside HH without fixed structure / Inside HH	Total
01 - Bargarh	1786	30214	32000	257	3306	3563	2043	33520	35563
02 - Jharsuguda	256	2318	2574	977	202	1179	1233	2520	3753
03 - Sambalpur	296	4956	5252	552	1046	1598	848	6002	6850
04 - Debagarh	120	322	442	18	14	32	138	336	474
05 - Sundargarh	277	1971	2248	297	355	652	574	2326	2900
06 - Kendujhar	653	5889	6542	103	742	845	756	6631	7387
07 - Mayurbhanj	3553	88570	92123	292	724	1016	3845	89294	93139
08 - Baleshwar	992	2663	3655	334	160	494	1326	2823	4149
09 - Bhadrak	522	2080	2602	247	202	449	769	2282	3051
10 - Kendrapara	840	2535	3375	311	241	552	1151	2776	3927
11 - Jagatsinghapur	761	1842	2603	169	273	442	930	2115	3045
12 - Cuttack	1563	11513	13076	2203	2707	4910	3766	14220	17986
13 - Jajapur	3225	9371	12596	735	1100	1835	3960	10471	14431
14 - Dhenkanal	483	3464	3947	173	173	346	656	3637	4293
15 - Anugul	565	2580	3145	275	171	446	840	2751	3591
16 - Nayagarh	1769	5526	7295	208	739	947	1977	6265	8242
17 - Khordha	1055	2179	3234	886	850	1736	1941	3029	4970
18 - Puri	2713	5731	8444	1163	1686	2849	3876	7417	11293
19 - Ganjam	1762	7609	9371	1072	3385	4457	2834	10994	13828
20 - Gajapati	65	504	569	82	202	284	147	706	853
21 - Kandhamal	121	2808	2929	118	315	433	239	3123	3362
22 - Baudh	422	7175	7597	24	498	522	446	7673	8119
23 - Subarnapur	516	12739	13255	314	2576	2890	830	15315	16145
24 - Balangir	928	9471	10399	363	536	899	1291	10007	11298
25 - Nuapada	866	2355	3221	56	74	130	922	2429	3351
26 - Kalahandi	637	8620	9257	301	1059	1360	938	9679	10617
27 - Rayagada	455	2135	2590	221	561	782	676	2696	3372
28 - Nabarangapur	92	1014	1106	32	73	105	124	1087	1211
29 - Koraput	485	2203	2688	468	563	1031	953	2766	3719
30 - Malkangiri	49	397	446	39	142	181	88	539	627
Total	**27827**	**240754**	**268581**	**12290**	**24675**	**36965**	**40117**	**265429**	**305546**

Table-8: Broad activity wise total number of establishments by type of ownership.									
Broad activity code	Govt / PSU	Private : Proprietary	Private : Partnership	Private : Company	Private : Self Help Group	Private : Co-operative	Private : Non-profit Institution	"Private : Others "	Total
01 - Activities relating to agriculture other than crop production & plantation	230	8231	38	11	57	5	12	632	9216
02 - Livestock	497	124443	264	57	1934	106	69	2741	130111
03 - Forestry and Logging	903	181938	120	46	39	6	55	2570	185677
04 - Fishing and aqua culture	125	49113	587	37	248	137	11	424	50682
Subtotal:Agricuitural Activities	1755	363725	1009	151	2278	254	147	6367	375686
05 - Mining and quarrying	76	2930	35	74	9	0	15	95	3234
06 - Manufacturing	1989	372122	1208	2662	2121	359	262	7983	388706
07 - Electricity, gas, steam and air conditioning supply	497	744	17	261	12	1	8	154	1694
08 - Water supply, sewerage, waste management and remediation activities	2744	2131	19	59	9	15	91	644	5712
09 - Construction	296	34159	216	106	9	3	46	1034	35869
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	324	26564	208	107	6	9	40	1450	28708
11 - Whole sale trade (not covered in item-10 above)	343	17528	149	74	229	44	18	1130	19515
12 - Retail trade (not covered in item-10 above)	7856	623551	2105	474	1266	390	682	23107	659431
13 - Transportation and storage	5728	52897	399	304	54	58	115	1976	61531
14 - Accomodation and and Food service activities	4273	75769	375	177	272	24	378	4186	85454
15 - Information & communication	960	7348	81	868	30	8	56	676	10027
16 - Financial and insurance activities	4542	11645	701	980	15087	508	111	2770	36344
17 - Real estate activities	111	4389	53	16	1	3	5	102	4680
18 - Professional, scientific & technical activities	1574	14264	100	58	27	11	337	968	17339
19 - Administrative and support service activities	1101	19419	108	217	27	20	131	874	21897
20 - Education	57611	18863	687	220	108	62	1745	13119	92415
21 - Human health & social work activities	7701	14922	234	235	1113	83	4319	3890	32497
22 - Arts entertainment, sports & amusement and recreation	543	6503	150	64	54	19	4164	1921	13418
23 - Other service activities not else where classified	4320	110534	825	162	264	68	57145	21430	194748
Subtotal:Non-Agricultural Activities	102589	1416282	7670	7118	20698	1685	69668	87509	1713219
Total	**104344**	**1780007**	**8679**	**7269**	**22976**	**1939**	**69815**	**93876**	**2088905**

Table-9 : Broad activity wise total number of persons employed by type of ownership.									
Broad activity code	Govt / PSU	Private : Proprietary	Private : Partnership	Private : Company	Private : Self Help Group	Private : Co-operative	Private : Non-profit Institution	Private : Others	Total
01 - Activities relating to agriculture other than crop production & plantation	863	17235	133	46	586	11	33	1990	20897
02 - Livestock	901	215765	922	797	19320	343	169	7613	245830
03 - Forestry and Logging	3242	352205	263	205	339	23	97	5458	361832
04 - Fishing and aqua culture	281	73507	942	46	2644	321	37	990	78768
Subtotal:Agricultural Activities	5287	658712	2260	1094	22889	698	336	16051	707327
05 - Mining and quarrying	1645	12727	204	5942	128	0	35	770	21451
06 - Manufacturing	8542	745234	8755	47612	22124	2834	616	23352	859069
07 - Electricity, gas, steam and air conditioning supply	4889	2454	102	4097	49	3	44	1363	13001
08 - Water supply, sewerage, waste management and remediation activities	5823	3702	50	296	21	33	171	1246	11342
09 - Construction	1356	71559	679	1255	40	6	82	2477	77454
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	1054	61323	1250	1588	18	19	122	3867	69241
11 - Whole sale trade (not covered in item-10 above)	793	37236	707	770	2140	160	66	3372	45244
12 - Retail trade (not covered in item-10 above)	10714	904288	5212	5537	10738	792	1028	36488	974797
13 - Transportation and storage	15847	99516	1640	2734	232	245	272	4548	125034
14 - Accomodation and and Food service activities	11158	159500	1934	1810	1564	76	1261	12307	189610
15 - Information & communication	4540	14544	269	2582	230	12	181	2780	25138
16 - Financial and insurance activities	28637	43252	6716	4968	129015	3297	537	16152	232574
17 - Real estate activities	318	6167	185	65	1	11	16	265	7028
18 - Professional, scientific & technical activities	6097	22530	280	519	185	29	614	2079	32333
19 - Administrative and support service activities	4495	42488	1242	1419	180	72	330	3786	54012
20 - Education	263174	81703	6912	1580	663	1208	12983	66363	434586
21 - Human health & social work activities	31012	39729	2125	2512	9925	433	9391	15303	110430
22 - Arts entertainment, sports & amusement and recreation	1328	17948	906	332	314	104	12752	6578	40262
23 - Other service activities not else where classified	7932	160950	2034	1047	1738	203	82416	31794	288114
Subtotal:Non-Agricultural Activities	409354	2526850	41202	86665	179305	9537	122917	234890	3610720
Total	**414641**	**3185562**	**43462**	**87759**	**202194**	**10235**	**123253**	**250941**	**4318047**

Table-10 : Broad activity wise Number and Percentage distribution of proprietary establishments by social group of the owner .								
Broad activity code	**SC**	**% SC**	**ST**	**% ST**	**OBC**	**% OBC**	**Others**	**% OTHERS**
01 - Activities relating to agriculture other than crop production & plantation	817	9.9	1844	22.4	3793	46.1	1777	21.6
02 - Livestock	20939	16.8	20021	16.1	62050	49.9	21433	17.2
03 - Forestry and Logging	32700	18.0	94095	51.7	42046	23.1	13097	7.2
04 - Fishing and aqua culture	30427	62.0	4487	9.1	8965	18.3	5234	10.7
Subtotal:Agricultural Activities	84883	23.3	120447	33.1	116854	32.1	41541	11.4
05 - Mining and quarrying	792	27.0	468	16.0	1066	36.4	604	20.6
06 - Manufacturing	69329	18.6	76804	20.6	161586	43.4	64403	17.3
07 - Electricity, gas, steam and air conditioning supply	90	12.1	18	2.4	270	36.3	366	49.2
08 - Water supply, sewerage, waste management and remediation activities	233	10.9	106	5.0	867	40.7	925	43.4
09 - Construction	6486	19.0	4356	12.8	14892	43.6	8425	24.7
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	2397	9.0	1111	4.2	10548	39.7	12508	47.1
11 - Whole sale trade (not covered in item-10 above)	2565	14.6	1507	8.6	7024	40.1	6432	36.7
12 - Retail trade (not covered in item-10 above)	83889	13.5	44947	7.2	294341	47.2	200374	32.1
13 - Transportation and storage	8577	16.2	3266	6.2	22375	42.3	18679	35.3
14 - Accomodation and and Food service activities	6120	8.1	4630	6.1	38893	51.3	26126	34.5
15 - Information & communication	620	8.4	302	4.1	2947	40.1	3479	47.3
16 - Financial and insurance activities	917	7.9	539	4.6	4271	36.7	5918	50.8
17 - Real estate activities	294	6.7	229	5.2	1304	29.7	2562	58.4
18 - Professional, scientific & technical activities	1386	9.7	537	3.8	6216	43.6	6125	42.9
19 - Administrative and support service activities	2473	12.7	1032	5.3	8687	44.7	7227	37.2
20 - Education	1219	6.5	678	3.6	5726	30.4	11240	59.6
21 - Human health & social work activities	933	6.3	441	3.0	5532	37.1	8016	53.7
22 - Arts entertainment, sports & amusement and recreation	1213	18.7	352	5.4	2514	38.7	2424	37.3
23 - Other service activities not else where classified	24377	22.1	6101	5.5	44089	39.9	35967	32.5
Subtotal:Non-Agricultural Activities	213910	15.1	147424	10.4	633148	44.7	421800	29.8
Total	**298793**	**16.8**	**267871**	**15.0**	**750002**	**42.1**	**463341**	**26.0**

Table-11 : Broad activity wise Number and Percentage distribution of proprietary establishments by Religion of the owner .

Broad activity code	Hindu	Islam	Christian	Sikh	Buddhist	Parsi	Jain	Others
01 - Activities relating to agriculture other than crop production & plantation	7440	132	167	21	1	0	20	450
02 - Livestock	108505	3022	2679	284	65	42	738	9108
03 - Forestry and Logging	157436	2171	10126	230	65	22	770	11118
04 - Fishing and aqua culture	45454	605	294	57	17	7	111	2568
Subtotal: Agricultural Activities	318835	5930	13266	592	148	71	1639	23244
05 - Mining and quarrying	2498	39	196	6	0	1	13	177
06 - Manufacturing	332984	11593	6618	412	1375	54	870	18216
07 - Electricity, gas, steam and air conditioning supply	625	19	5	1	0	0	0	94
08 - Water supply, sewerage, waste management and remediation activities	1526	326	15	2	0	0	3	259
09 - Construction	30573	978	634	38	15	5	70	1846
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	20886	3890	235	160	5	4	42	1342
11 - Whole sale trade (not covered in item-10 above)	15122	1060	224	23	4	3	68	1024
12 - Retail trade (not covered in item-10 above)	556896	23698	8062	679	232	83	2061	31840
13 - Transportation and storage	45651	3095	700	178	21	10	107	3135
14 - Accomodation and and Food service activities	68755	1423	859	136	21	4	153	4418
15 - Information & communication	6490	220	128	11	1	0	5	493
16 - Financial and insurance activities	8638	183	112	15	4	7	35	2651
17 - Real estate activities	3770	144	103	7	2	1	9	353
18 - Professional, scientific & technical activities	12904	294	144	20	4	3	28	867
19 - Administrative and support service activities	17314	606	230	36	5	6	53	1169
20 - Education	12852	349	204	21	9	9	44	5375
21 - Human health & social work activities	12645	341	193	15	6	10	24	1688
22 - Arts entertainment, sports & amusement and recreation	5382	127	56	6	8	1	19	904
23 - Other service activities not else where classified	97440	3871	1099	143	27	18	272	7664
Subtotal : Non-Agricultiural Activities	1252951	52256	19817	1909	1739	219	3876	83515
Total	**1571786**	**58186**	**33083**	**2501**	**1887**	**290**	**5515**	**106759**

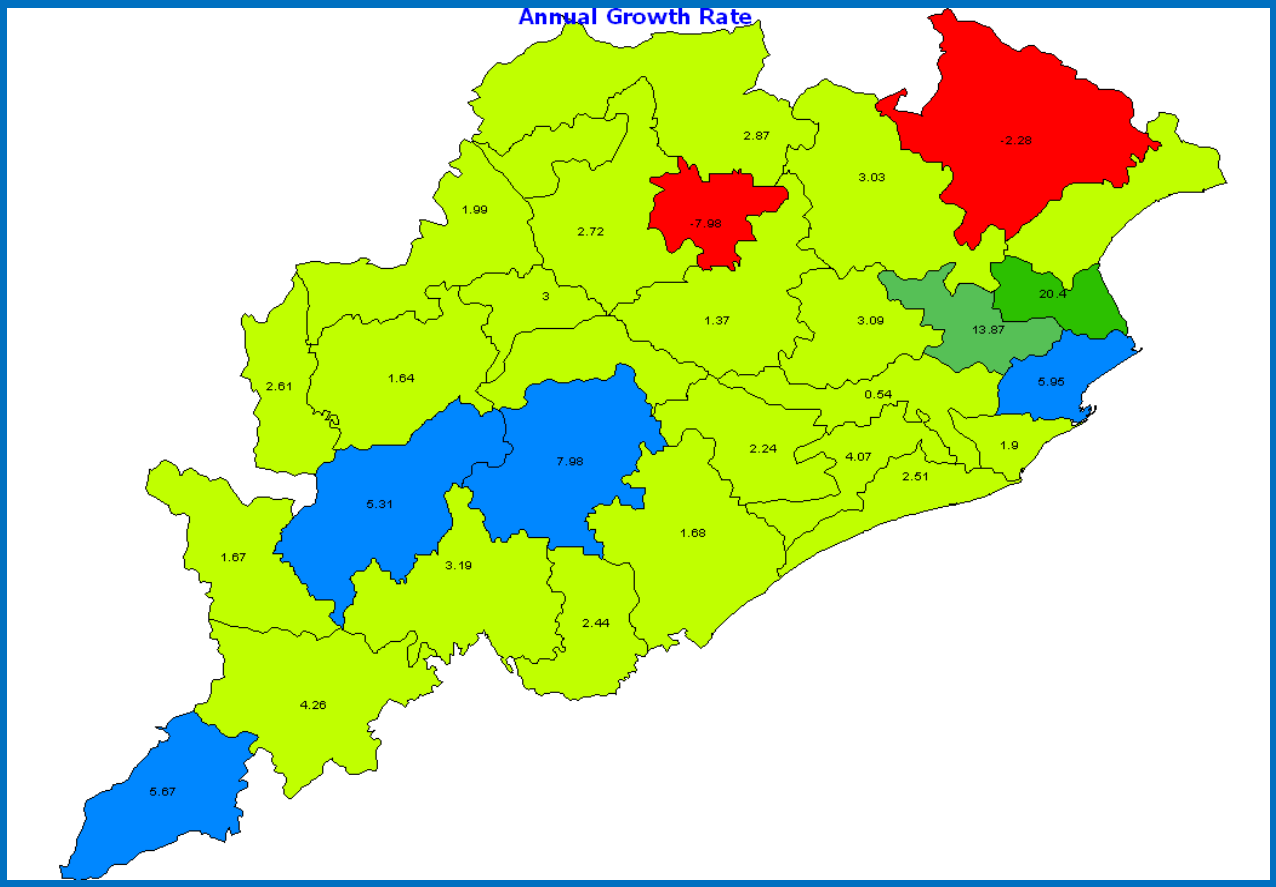
Table-12 : Broad activity wise Number and percentage distribution of persons employed in proprietary establishments by Social Group of the owners.

Broad activity code	SC	% SC	ST	% ST	OBC	% OBC	Others	% Others
01 - Activities relating to agriculture other than crop production & plantation	1470	8.5	3825	22.2	7855	45.6	4085	23.7
02 - Livestock	34239	15.9	39117	18.1	106799	49.5	35610	16.5
03 - Forestry and Logging	61364	17.4	177336	50.4	86458	24.5	27047	7.7
04 - Fishing and aqua culture	42271	57.5	6093	8.3	16152	22.0	8991	12.2
Subtotal:Agicultural Activities	139344	21.2	226371	34.4	217264	33.0	75733	11.5
05 - Mining and quarrying	1579	12.4	984	7.7	4306	33.8	5858	46.0
06 - Manufacturing	124871	16.8	146248	19.6	306569	41.1	167546	22.5
07 - Electricity, gas, steam and air conditioning supply	175	7.1	49	2.0	630	25.7	1600	65.2
08 - Water supply, sewerage, waste management and remediation activities	338	9.1	128	3.5	1375	37.1	1861	50.3
09 - Construction	12518	17.5	8002	11.2	29556	41.3	21483	30.0
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	4534	7.4	1980	3.2	22571	36.8	32238	52.6
11 - Whole sale trade (not covered in item-10 above)	4271	11.5	3035	8.2	13898	37.3	16032	43.1
12 - Retail trade (not covered in item-10 above)	115848	12.8	62273	6.9	412934	45.7	313233	34.6
13 - Transportation and storage	12527	12.6	5880	5.9	43766	44.0	37343	37.5
14 - Accomodation and and Food service activities	10650	6.7	7978	5.0	75760	47.5	65112	40.8
15 - Information & communication	1063	7.3	547	3.8	5048	34.7	7886	54.2
16 - Financial and insurance activities	3427	7.9	1586	3.7	10632	24.6	27607	63.8
17 - Real estate activities	356	5.8	279	4.5	1798	29.2	3734	60.5
18 - Professional, scientific & technical activities	2090	9.3	767	3.4	9262	41.1	10411	46.2
19 - Administrative and support service activities	5093	12.0	1854	4.4	17908	42.1	17633	41.5
20 - Education	3148	3.9	1389	1.7	15291	18.7	61875	75.7
21 - Human health & social work activities	1937	4.9	904	2.3	11018	27.7	25870	65.1
22 - Arts entertainment, sports & amusement and recreation	2786	15.5	613	3.4	6321	35.2	8228	45.8
23 - Other service activities not else where classified	37907	23.6	9005	5.6	60885	37.8	53153	33.0
Subtotal:Non-Agricultural Activities	345118	13.7	253501	10.0	1049528	41.5	878703	34.8
Total	**484462**	**15.2**	**479872**	**15.1**	**1266792**	**39.8**	**954436**	**30.0**

Table-13 : Broad activity wise Number of persons employed in proprietary establishments by Religion of the owner .								
Broad activity code	**Hindu**	**Islam**	**Christian**	**Sikh**	**Buddhist**	**Parsi**	**Jain**	**Others**
01 - Activities relating to agriculture other than crop production & plantation	15444	267	302	40	2	0	28	1152
02 - Livestock	187421	5371	4837	410	115	62	1142	16407
03 - Forestry and Logging	303997	3811	18463	424	130	38	1548	23794
04 - Fishing and aqua culture	68113	816	580	73	27	10	127	3761
Subtotal: Agricultural Activities	574975	10265	24182	947	274	110	2845	45114
05 - Mining and quarrying	10446	87	395	11	0	7	57	1724
06 - Manufacturing	664651	22562	11552	982	2772	91	1667	40957
07 - Electricity, gas, steam and air conditioning supply	1789	47	11	2	0	0	0	605
08 - Water supply, sewerage, waste management and remediation activities	2509	435	27	5	0	0	3	723
09 - Construction	63830	2079	1270	84	21	7	142	4126
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	47712	8582	487	688	8	12	84	3750
11 - Whole sale trade (not covered in item-10 above)	32100	1960	423	43	4	6	149	2551
12 - Retail trade (not covered in item-10 above)	805965	33930	11551	1444	335	121	3035	47907
13 - Transportation and storage	86251	5185	1117	431	40	13	206	6273
14 - Accomodation and and Food service activities	143585	2974	1674	524	40	5	238	10460
15 - Information & communication	12762	379	229	18	1	0	11	1144
16 - Financial and insurance activities	22272	576	253	67	13	55	141	19875
17 - Real estate activities	5274	156	114	12	2	1	13	595
18 - Professional, scientific & technical activities	19975	767	223	41	5	4	52	1463
19 - Administrative and support service activities	35613	1219	435	82	8	16	97	5018
20 - Education	42098	874	854	128	17	41	141	37550
21 - Human health & social work activities	30110	750	595	37	25	46	48	8118
22 - Arts entertainment, sports & amusement and recreation	13406	453	112	16	13	5	32	3911
23 - Other service activities not else where classified	139720	5760	1704	228	34	39	388	13077
Subtotal : Non-Agricultiural Activities	2180068	88775	33026	4843	3338	469	6504	209827
Total	**2755043**	**99040**	**57208**	**5790**	**3612**	**579**	**9349**	**254941**

Table 14 : Broad activity wise Number of establishments by sector and nature of operation .									
Broad activity code	**Rural**			**Urban**			**Total**		
	Perinnial	**Seasonal**	**Casual**	**Perinnial**	**Seasonal**	**Casual**	**Perinnial**	**Seasonal**	**Casual**
01 - Activities relating to agriculture other than crop production & plantation	4726	3643	369	366	109	3	5092	3752	372
02 - Livestock	111511	6595	3654	8080	157	114	119591	6752	3768
03 - Forestry and Logging	48451	116680	16958	1997	1135	456	50448	117815	17414
04 - Fishing and aqua culture	35895	4985	2195	7184	343	80	43079	5328	2275
05 - Mining and quarrying	2060	454	174	442	98	6	2502	552	180
06 - Manufacturing	245860	53101	28055	58446	1862	1382	304306	54963	29437
07 - Electricity, gas, steam and air conditioning supply	901	19	14	745	6	9	1646	25	23
08 - Water supply, sewerage, waste management and remediation activities	3888	463	111	1205	33	12	5093	496	123
09 - Construction	20177	2659	2560	9569	380	524	29746	3039	3084
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	12325	184	195	15812	131	61	28137	315	256
11 - Whole sale trade (not covered in item-10 above)	9397	2626	528	6793	116	55	16190	2742	583
12 - Retail trade (not covered in item-10 above)	418261	27131	10953	198015	3624	1447	616276	30755	12400
13 - Transportation and storage	37186	2221	975	20535	351	263	57721	2572	1238
14 - Accomodation and and Food service activities	47777	1487	1119	34257	524	290	82034	2011	1409
15 - Information & communication	5001	162	80	4713	35	36	9714	197	116
16 - Financial and insurance activities	27153	416	883	7418	62	412	34571	478	1295
17 - Real estate activities	1084	45	58	3300	39	154	4384	84	212
18 - Professional, scientific & technical activities	8874	222	213	7906	50	74	16780	272	287
19 - Administrative and support service activities	9513	1898	521	9551	272	142	19064	2170	663
20 - Education	78150	910	302	12805	147	101	90955	1057	403
21 - Human health & social work activities	21952	433	814	9155	55	88	31107	488	902
22 - Arts entertainment, sports & amusement and recreation	8195	923	1125	2835	173	167	11030	1096	1292
23 - Other service activities not else where classified	140078	3015	5200	45297	537	621	185375	3552	5821
Total	**1298415**	**230272**	**77056**	**466426**	**10239**	**6497**	**1764841**	**240511**	**83553**

Table 15 : Broad activity wise Number of persons employed by sector and nature of operation.									
Broad activity code	Rural			Urban			Combined		
	Perinnial	Seasonal	Casual	Perinnial	Seasonal	Casual	Perinnial	Seasonal	Casual
01 - Activities relating to agriculture other than crop production & plantation	11204	7954	519	984	226	10	12188	8180	529
02 - Livestock	213562	11766	5689	14393	233	187	227955	11999	5876
03 - Forestry and Logging	89185	238934	26751	4186	2033	743	93371	240967	27494
04 - Fishing and aqua culture	54871	7835	3321	12137	503	101	67008	8338	3422
Subtotal : Agricultural Activities	368822	266489	36280	31700	2995	1041	400522	269484	37321
05 - Mining and quarrying	13395	1261	407	6223	154	11	19618	1415	418
06 - Manufacturing	536696	107066	47947	161227	3863	2270	697923	110929	50217
07 - Electricity, gas, steam and air conditioning supply	5652	33	33	7234	32	17	12886	65	50
08 - Water supply, sewerage, waste management and remediation activities	6494	558	216	3955	102	17	10449	660	233
09 - Construction	40678	4670	4386	25639	895	1186	66317	5565	5572
10- Whole sale trade, retail trade & repair of motor vehicles & motor cycles	24381	370	257	43828	273	132	68209	643	389
11 - Whole sale trade (not covered in item-10 above)	19402	5496	767	19241	236	102	38643	5732	869
12 - Retail trade (not covered in item-10 above)	575492	45055	14207	332590	5558	1895	908082	50613	16102
13 - Transportation and storage	73625	4664	1561	43892	602	690	117517	5266	2251
14 - Accomodation and and Food service activities	92972	2196	1685	90917	971	869	183889	3167	2554
15 - Information & communication	8461	391	156	15971	94	65	24432	485	221
16 - Financial and insurance activities	183105	2819	4435	41077	318	820	224182	3137	5255
17 - Real estate activities	1679	106	93	4846	81	223	6525	187	316
18 - Professional, scientific & technical activities	13352	441	288	17696	448	108	31048	889	396
19 - Administrative and support service activities	21182	4920	1151	25683	777	299	46865	5697	1450
20 - Education	341045	3086	660	88944	601	250	429989	3687	910
21 - Human health & social work activities	62719	1190	1568	44590	120	243	107309	1310	1811
22 - Arts entertainment, sports & amusement and recreation	23501	3255	2827	9483	684	512	32984	3939	3339
23 - Other service activities not else where classified	197357	4546	6899	77515	865	932	274872	5411	7831
Subtotal : Non-AriculturalActivities	2241188	192123	89543	1060551	16674	10641	3301739	208797	100184
Total	**2610010**	**458612**	**125823**	**1092251**	**19669**	**11682**	**3702261**	**478281**	**137505**



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