



**GOVERNMENT OF HARYANA**



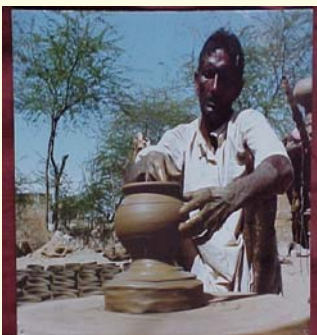
**UNORGANISED MANUFACTURING  
ENTERPRISES IN HARYANA**



**NSS 56TH ROUND(JULY 2000-JUNE 2001)**

**STATE SAMPLE**

**2003**



**ISSUED BY:**

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## **PREFACE**

The present report on 'Unorganised Manufacturing Enterprises in Haryana' is the first of its kind brought out by Tabulation Section on the basis of sample survey (State) conducted under the 56<sup>th</sup> round of NSS (July 2000-June2001).

It contains three Chapters and Appendices. Chapter-1 is introductory while Chapter-2 deals with the concepts and definitions of important terms used in the survey, which are relevant to this report. Chapter-3 deals with the findings on unorganised manufacturing enterprises in Haryana with special reference to its number, employment, nature of employment, value added and other important features of this sector.

This report has been prepared by Sh. Manoj Kumar Goel, Research Officer under the supervision of Sh. Hari Om Siwach, Deputy Economic & Statistical Adviser and overall guidance of Sh. R.K. Bishnoi, Additional Economic & Statistical Adviser. The acknowledgement is made of the sincere efforts done by officers/officials of NSS and Tabulation Section for timely completion of scrutiny, data entry and data validation work of this survey. The credit also goes to Junior Field Investigators and Inspectors (NSS) for collecting information timely from the field against all odds. The technical assistance provided by NSSO (DPD), Kolkata is also acknowledged. The computer typing of this report has been done by Smt. Taramani Steno typist.

Last but not least, credit also goes to all respondents of households and enterprises, who provided the desired information to the field staff patiently during the survey.

Chandigarh  
July, 2003.

Ranvir Gupta  
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## HIGHLIGHTS

The main highlights of the results of the report are as follows:-

1. The number of unorganised manufacturing enterprises was estimated as 203195 during 2000-01. Out of which 107749 (53.03%) were in rural sector and 95446 (46.97%) were in urban sector.
2. Out of total 203195 enterprises, 140638 (69.21%) were household enterprises and 62557 (30.79%) were establishments.
3. The total employment generated by these enterprises was estimated as 436086 persons during 2000-01. Out of this, 172575 (39.57%) persons were employed in rural sector and 263511 (60.43%) persons were employed in urban sector.
4. Out of total 436086 persons employed, 201326 (46.17%) persons were employed in household enterprises and 234760 (53.83%) persons were in establishments.
5. Out of total employment, working owners accounted for 49.4%, hired workers 37.4% and other workers 13.2% respectively.
6. Out of total enterprises, 91.6% were operational throughout the year. The rest of the 8.4% enterprises were seasonal.
7. Out of total enterprises, 98% were proprietary and 2% were partnership firms.
8. Out of total enterprises, 28.2% were operated from household premises and 71.8% were operated from outside household premises.
9. About 30% enterprises maintained accounts and 70% didn't maintain any books of accounts.
10. Out of total enterprises, about 75% enterprises were unregistered and only 25% were registered.
11. Out of total enterprises, 91% enterprise didn't receive any type of assistance only 9% enterprises received assistance from Govt./Private sector.
12. Out of total enterprises, about 89% enterprises faced some specific problems.
13. Gross value added per enterprise was estimated at Rs. 99041 and that of per worker was Rs. 46148 per annum.

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## CHAPTER - 1

### INTRODUCTION

The National Sample Survey Organisation (NSSO) was set up by the Government of India in 1950 to collect socio-economic data employing scientific sampling methods. The National Sample Survey Organisation, under Ministry of Statistics and Programme Implementation, Government of India, conducts socio-economic surveys with the sole objective of filling up data gaps required for planning. The 56th round of NSS was earmarked for collection of data on economic and operational characteristics of small manufacturing enterprises in the unorganized sector. Annual round of survey on consumer expenditure and employment-unemployment was also undertaken on a thin sample of households. The NSS 56th round was conducted during July, 2000-June, 2001. This one-year period was further sub-divided into four sub-rounds of three months duration each as follows:-

Sub-Round No.	Period of Survey
1.	July-September, 2000
2.	October-December, 2000
3.	January-March, 2001
4.	April-June, 2001

There were 15032 and 17096 First Stage Units (FSUs) selected for central sample and state sample respectively for conducting field survey work of 56th round of NSS. A total number of 288 samples termed as First Stage Units (FSUs) were allotted to Haryana State by NSSO, Govt. of India to conduct this survey. Out of this, 116 samples were allotted for rural areas and 172 samples were for urban areas. To ensure uniform fieldwork over the entire survey period, equal number of FSUs were allotted in each of four sub-rounds.

#### **Schedules of enquiry:**

The following table lists the schedules of enquiry :-

Sr.No.	Schedule no.	Title of the schedule
1.	0.0	List of households and non-agricultural enterprises
2.	2.2	Unorganized manufacturing enterprises
3.	1.0	Household consumer expenditure

Schedule 0.0 meant for listing all the houses, households residing in the sample FSU alongwith all the non-agricultural enterprises including those without fixed premises found to operate for at least one day during the last 365 days preceding the date of survey.

Schedule 2.2 meant for collecting information relating to all unorganised enterprises engaged in manufacturing activities.

Schedule 1.0 meant for collection of information pertaining to the monetary values of all items consumed by a household on domestic account during the reference period.

**The Survey in brief:** National Sample Survey Organisation (NSSO) conducted an integrated survey of enterprises and households in its 56<sup>th</sup> round during July, 2000 to June, 2001. The main focus of the survey was manufacturing enterprises in the unorganised sector. In addition, the survey also covered household consumer expenditure including some key characteristics on employment-unemployment. Information on characteristics of the enterprises, fixed assets, employment, operating expenses and receipts, value added, etc. was collected from the enterprises surveyed. This report presents results based on the information collected from the manufacturing enterprises in the unorganised sector.

**Unorganised Manufacturing Sector:** The 56<sup>th</sup> round covered broadly all unorganised manufacturing enterprises under the two-digit codes 15 to 37 (Tabulation Category 'D' of NIC 1998) and enterprises under cotton ginning, cleaning and baling (NIC 98 code 01405). To give further details, the survey covered:

- (a) Manufacturing enterprises, which are not registered under Sections 2m (i) and 2m(ii) of the Factories Act, 1948.
- (b) Manufacturing enterprises registered under Section 85 of Factories Act, 1948.
- (c) Enterprises engaged in cotton ginning, cleaning and baling that are not covered under Annual Survey of Industries (ASI).
- (d) Enterprises manufacturing bidi and cigar that are not covered under ASI (irrespective of registration under Bidi Cigar Workers (condition of employment) Act, 1966).

The manufacturing enterprises, registered under Sections 2m(i) and 2m(ii) of the Factories Act, 1948, are covered in the Annual Survey of Industries undertaken by CSO.

**Objective of the Survey:** The main aim of the survey on unorganised sector manufacturing enterprises was to estimate the total number of enterprises, workers, gross value added per worker and other related characteristics of enterprises.

**Reference Period:** Last month has been used as the reference period to collect most of the data. Various receipts and expenses as well as employment, emoluments, rent, interest and value added for the enterprises was collected for the last month only. Last month refers to the last 30 days (preceding the date of interview) for the perennial and casual enterprises irrespective of the number of days of operation. For seasonal enterprises also, last month

referred to the last 30 days (preceding the date of interview), if they had worked continuously for the last 30 days or more (including scheduled holidays) in the current season, last month referred to an average month in the last working season. If some enterprise was unable to give information for the last 30 days and was able to give information for the latest calendar month from their books, figures for the latest calendar month were taken. For some of the items like value of fixed assets, amount of loan outstanding, etc., the reference period was 'as on the date of survey'. For other items like net additions to fixed assets, number of months operated, number of other economic activities taken up etc., the reference period was the 'last 365 days preceding the date of interview'.

**Estimation Procedure:-**

1. Notations:

s= subscript for s-th stratum

t= subscript for t-th sub-stratum (t=1,2 or 3)

m= subscript for sub-sample (m=1,2)

i= subscript for i-th village/block (FSUs)

1= subscript for segment 1

2= subscript for segment 2

j= subscript for j<sup>th</sup> enterprise type (j=1 for OAME; j=2 for NDME; j=3 for DME)

k= subscript for k-th sample enterprise under a particular enterprise type for Sch.2.2.

D= total no. of helmet groups/sub blocks formed in the sample village/block

Z= total size of stratum/sub-stratum

z= size of village/block used for selection

n'= number of sample village/blocks allotted for a particular sub-sample

n= number of sample villages/blocks surveyed including zero cases for a particular sub-sample

$\phi$ = inclusion probability for the sample FSUs of sub-sample 1

$\phi'$ = inclusion probability for the sample FSUs of sub-sample 2 given sub-sample 1

E= total no. of enterprises listed for a particular enterprise type in a segment of sample FSU

e= total no. of enterprises surveyed for a particular enterprise type in a segment of sample FSU.

x,y= observed values of characters X,Y under estimation

$\hat{XY}$ = estimate of population total of the character X, Y

$y_{stmijk}$ = observed value of the character Y for the k-th sample enterprise of the j-th enterprise type belonging to segment 1 of i-th village/block (FSUs) of m-th sub-sample of the t-th sub-stratum of s-th stratum.

2. Formulae for estimation for a particular stratum, sub-stratum and sub-sample:

i) Estimation formula for sub-stratum 1:

$$\hat{Y}_{stmj} = \frac{Z_{st}}{n_{stmj}} \sum_{i=1}^{n_{stmj}} \left[ \frac{E_{stm1j}}{e_{stm1j}} \sum_{k=1}^{e_{stm1j}} y_{stm1jk} + \left( \frac{D_{stm1} - 1}{2} \right) \frac{E_{stm2j}}{e_{stm2j}} \sum_{k=1}^{e_{stm2j}} y_{stm2jk} \right],$$

(t=1; j=1,2 or 3), (m=1,2) ..... .. (1)

ii) Estimation formula for sub-strata 2 & 3:

a) for sub-sample 1:

$$\hat{Y}_{stmj} = \sum_{i=1}^{n_{stmj}} \frac{1}{\pi_{stmi}} \left[ \frac{E_{stm1j}}{e_{stm1j}} \sum_{k=1}^{e_{stm1j}} y_{stm1jk} + \left( \frac{D_{stm1} - 1}{2} \right) \frac{E_{stm2j}}{e_{stm2j}} \sum_{k=1}^{e_{stm2j}} y_{stm2jk} \right],$$

(t=2 or 3; j=1,2 or 3), (m=1) ..... .. (2)

b) for sub-sample 2:

$$\hat{Y}_{stm} = A_{stmj} + B_{stmj}, \quad m=2$$

where

$$A_{stmj} = \sum_{i=1}^{n_{stmj}} \left[ \frac{E_{stm1j}}{e_{stm1j}} \sum_{k=1}^{e_{stm1j}} y_{stm1jk} + \left( \frac{D_{stm1} - 1}{2} \right) \frac{E_{stm2j}}{e_{stm2j}} \sum_{k=1}^{e_{stm2j}} y_{stm2jk} \right],$$

(t=2 or 3; j=1,2 or 3), (m=2)

$$B_{stmj} = \sum_{i=1}^{n_{stmj}} \frac{1}{\pi'_{stmi}} \left[ \frac{E_{stm1j}}{e_{stm1j}} \sum_{k=1}^{e_{stm1j}} y_{stm1jk} + \left( \frac{D_{stm1} - 1}{2} \right) \frac{E_{stm2j}}{e_{stm2j}} \sum_{k=1}^{e_{stm2j}} y_{stm2jk} \right],$$

(t=2 or 3; j=1,2 or 3), (m=1) ..... .. (3)

iii) Estimate for stratum:

$$\hat{Y}_{smj} = \sum_{t=1}^3 \hat{Y}_{stmj} \quad \text{for } j^{\text{th}} \text{ enterprise type, } (j=1,2 \text{ or } 3), (m=1,2) \dots \dots \dots (4)$$

$$\hat{Y}_{sm} = \sum_{j=1}^3 \hat{Y}_{smj} \quad \text{for all enterprises, } (m=1,2) \dots \dots \dots (5)$$

## CHAPTER-2

### CONCEPTS AND DEFINITIONS

**Enterprise:** An enterprise is an undertaking engaged in the production and/or distribution of some goods and/or services meant mainly for the purpose of sale, whether fully or partly. An enterprise may be owned and operated by a single household or by several households jointly on a partnership basis, or by an institutional body.

**Own-account enterprise:** An enterprise, which is run without any hired worker employed on a fairly regular basis, is termed an own account enterprise. If such an enterprise is engaged in manufacturing and/or repairing activities, it is termed as an Own Account Manufacturing Enterprise (OAME).

**Establishment:** An enterprise, which is, **employed at least one hired worker** on a fairly regular basis is termed as an establishment. Paid or unpaid apprentices, paid household member/servant/resident worker in an enterprise are considered hired workers. Establishments have further been categorised into two parts: non-directory and directory.

**Non-directory establishment:** An establishment employing less than six workers (household and hired workers taken together) is termed non-directory establishment. If such an establishment is engaged in manufacturing activities, it is termed Non-Directory Manufacturing Establishment (NDME).

**Directory establishment:** A directory establishment is an establishment which has employed six or more workers (household and hired workers taken together). If such an establishment is engaged in manufacturing activities, it is termed Directory Manufacturing Establishment (DME).

**Worker:** A worker is defined as one who participates either full time or part time in the activity of the enterprise. The worker may serve the enterprise in any capacity-primary or supervisory. He/she may or may not receive wages/salaries in return to his/her work incidental to or connected with the entrepreneurial activity. A worker need not mean that the same person is working continuously; it only refers to a position. Persons working for less than or equal to half of the normal working hours of the enterprise on a fairly regular basis are considered as part time workers. Full time workers are those who work for more than half of the period of normal working hours of the enterprise on a fairly regular basis. Two part-time workers in an enterprise are counted as 2 and not 1.

**Working owner:** The owner who personally works in the proprietary or partnership enterprises on a fairly regular basis is called working owner. In fact, in most of the own-

account enterprises the owner himself/herself manages all activities of the enterprise without the help of anyone (on a fairly regular basis). In the case of partnership enterprises, if only one partner or some of the partners or all the partners work in the enterprise on a fairly regular basis then they are considered as 'working owners'.

**Hired worker:** A hired worker is a person employed directly or through any agency on payment of regular wage/salary in cash or kind. Apprentices, paid or unpaid, are to be treated as hired workers. Paid household workers, servants and resident workers of the enterprise are also to be considered as hired workers.

**Other worker/helper:** This includes all persons belonging to the household of the proprietor or households of the partners who are working in or for the enterprise without regular salary or wages. Persons working as exchange labourer in the enterprise without salary or wages will also be covered in this category. All unpaid household workers/helpers who are associated with the activities of the enterprise during the reference month are considered in this category.

**Fairly regular basis:** The term "fairly regular basis" means the major part of the time when operation (s) of an enterprise are carried out during a reference period.

**Mixed activity:** There are enterprises which carry out a number of activities simultaneously. For example, a grocery shop owner may also sell oil from his own-oil-mill, a doctor may have a medical shop attached to his dispensary, a restaurant may run a STD booth in its premises, etc. Each such activity was treated as a separate enterprise if information for them was separately available. If the accounts were not separable then the data pertained to the enterprise as a whole and the enterprise was classified as having mixed activities and the activities of such enterprises a mixture of NIC's. The appropriate NIC in such cases was determined on the basis of major activity. Major activity refers to the activity, which yielded maximum income/turnover/employment. The above criteria was applied in the given order, i.e., income first, then turnover and then employment, to determine the major activity. The activities may be mixed at any level of NIC, but for the present survey an enterprise was considered to have mixed activities if its activities were different at 2-digit level of NIC-1998.

**Multiple activity:** Since many of the entrepreneurs belonging to the unorganised sector operate at small or marginal levels, the phenomenon of carrying out more than one activity simultaneously or at different points of time is quite prevalent. If the activities were carried out at one point of time at the same location and the information was not separately available, then it was taken as "mixed activity". Total number of economic activities carried out by the entrepreneur during the last 365 days is the total number of multiple activities. Some examples of multiple activities are: i) a person carrying out agricultural activity at sowing/harvesting

season and running a shop at the same time or other times, ii) a lady working as regular wage/salary earner and also running a shop in the evenings, etc. However, a manufacturing enterprise manufacturing woolen garments before winter and cotton clothes before summer was not considered as carrying out multiple activities. It may be noted that multiple activity relates to the various economic activities carried out by the entrepreneur whereas mixed activity is carried out by an enterprise.

**Fixed Assets:** Fixed assets are assets held for the purpose of producing or providing goods or services and they are not held for resale in the normal course of entrepreneurial activities. These cover all goods, new or used that have normal economic life of more than one year from the date of purchase.

**Land and Building:** **Land** means the land on which the enterprise is accommodated together with the surrounding area, which is used for the enterprise. This also includes improvement to land. However, if only a portion of the land belonging to the residence of a household is utilised for the enterprise, only that portion of the land is considered as capital assets for the enterprise. Land owned with permanent heritable possession with or without right to transfer the title comes under this category. Land held on long-term lease, say, 30 years or more, is also treated, as land owned. **Building** is the structure, where activities of the enterprise are undertaken. This also includes all other structures like shed, house, portions of a house or other structure, building under construction and other conveniences in which the activities of the enterprise are carried out. This also includes other constructions such as passage, wall, water tank, sewerage, tube-well, etc.

**Plant and Machinery:** Plant is generally the name given to an assembly of machinery/equipment/devices installed for the operation of entrepreneurial activities. Machinery means an implement or mechanical device used in the entrepreneurial activities. These are assets of durable nature and can be easily identified.

**Transport Equipment:** All vehicles, power-driven or man/animal-driven, used for transporting persons, goods and materials by the enterprise in connection with its activity are covered in this category. Animals, if used for drawing vehicles or carrying loads, will be treated as part of transport equipment.

**Tools and other fixed assets:** Tools refer to small loose implements, generally held in hand for operation and having normal life of more than one year. Other fixed assets refer to other durable equipment, which are used for the entrepreneurial activity either directly or indirectly. These include furniture, fixtures, laboratory equipment, office equipment etc. Livestock used in oil-mill is also covered under this category.

**Net additions to the fixed assets during the last 365 days:** Net addition to fixed assets was obtained by subtracting depletion of assets from the additions made during last 365 days. Addition to the fixed assets could be made through purchase (new or used) or through own construction. Improvements on land, new construction of building, shed, structure, as well as assets produced on own account during last 365 days was considered as additions to the fixed assets. Depletion of assets was obtained by considering the assets sold and discarded during last 365 days. The value of assets disposed of in any manner other than sale, were treated as value of assets discarded. Besides obsolescence (gone out of use) of an asset, this included loss due to theft, damage, accident etc.

**Loan:** Any borrowing in cash or kind to be repaid in cash or kind is termed as loan. Loans taken for the purpose of utilising the same in the entrepreneurial activities of an enterprise were considered even if such loans were used for other purposes. On the other hand, loans taken for other purposes but ultimately used in the enterprise were excluded.

**Operating expenses:** The total of values of raw materials, electricity, fuel, lubricants and auxiliary materials consumed; cost of maintenance, services purchased and other expenses incurred during the reference period by an enterprise was considered as 'operating expenses'.

**Receipts:** The sale value of products and by-products manufactured by an enterprise together with the value of services rendered to other concerns and other receipts incidental to entrepreneurial activities are considered as 'total receipts'.

**Gross value added:** Gross value added represents that part of production which is the actual contribution of an enterprise to the economy. Gross value added is calculated by deducting 'total operating expenses' from the value of 'total receipts' during the reference period.

**Perennial enterprises:** Enterprises, which usually operate more or less regularly throughout the year, are called perennial enterprises.

**Seasonal enterprises:** Seasonal enterprises are those which are usually run in a particular season or in fixed months of a year.

**Casual enterprises:** Casual enterprises are those which operate occasionally (may be disjoint periods of time throughout the year) but total number of days operated in the last 365 days is 30 days or more.



## UNORGANISED MANUFACTURING ENTERPRISES

This chapter is devoted to the analysis of the findings of the unorganised manufacturing enterprises in Haryana. These results are based on 1706 number of sample enterprises surveyed during July, 2000-June, 2001.

### Number of Enterprises

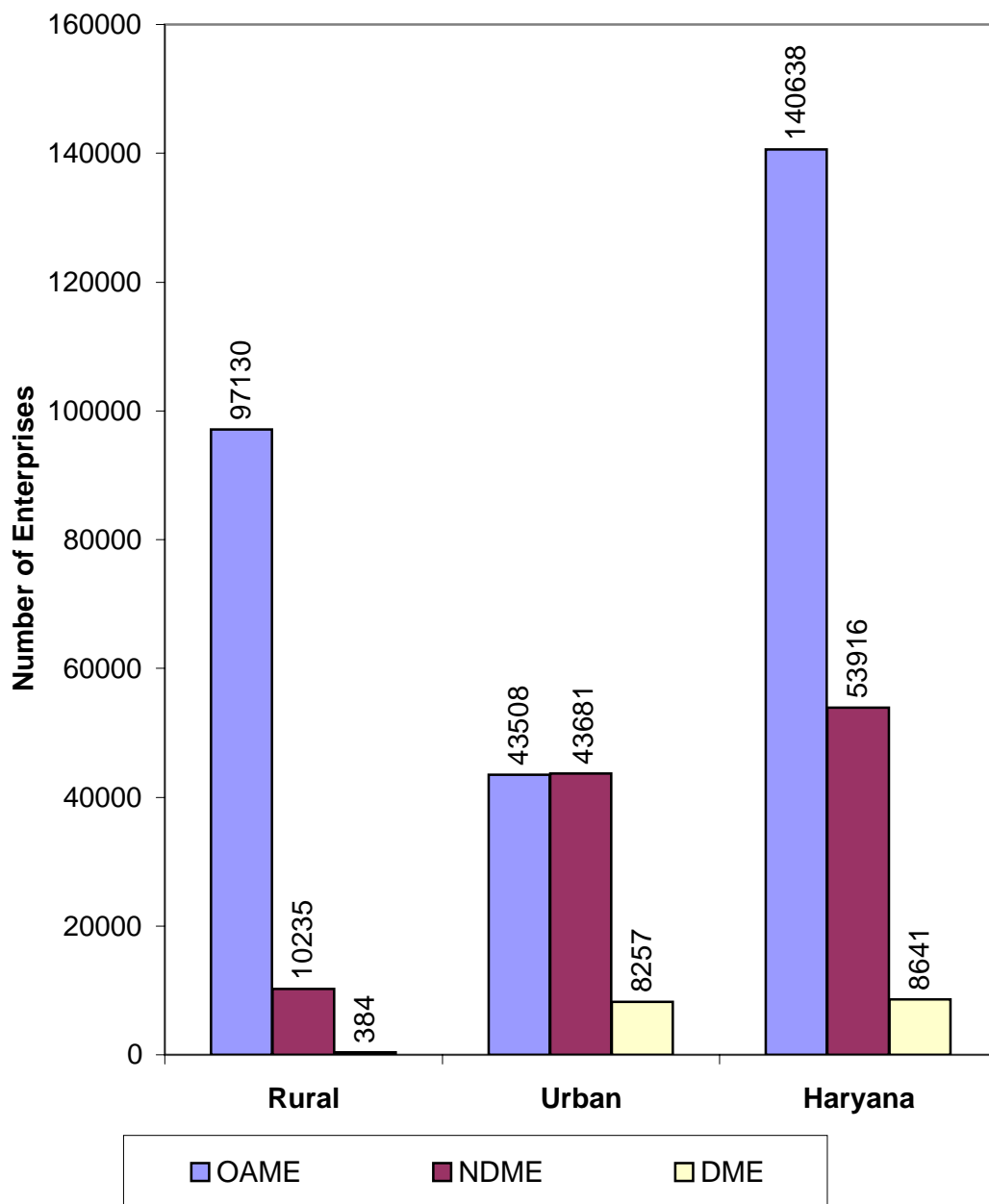
Total number of manufacturing enterprises in Haryana falling with-in the unorganised sector covered by the 56<sup>th</sup> NSS round was estimated as 203195. Distribution of enterprises by type and sector is shown in table 3.1 and figure-1.

**Table: 3.1 Enterprise type and Sector-wise Estimated Number of Unorganised Manufacturing Enterprises.**

Sector	OAME	Establishments			Total	% to total
		NDME	DME	Sub-total		
Rural	97130	10235	384	10619	107749	53.03
Urban	43508	43681	8257	51938	95446	46.97
Haryana	140638	53916	8641	62557	203195	100.00
% to total	69.21	26.54	4.25	30.79	100.00	X

The above table reveals that out of total manufacturing enterprises, 107749 (53.03%) were found operating in rural sector while 95446 (46.97%) were in urban sector. Further distribution of these enterprises revealed that 140638 (69.21%) were household enterprises (OAMEs) and 62557 (30.79%) were establishments. The share of NDMEs and DMEs in the total establishments was 26.54% and 4.25% respectively.

**Figure-1. Distribution of Unorganised Manufacturing Enterprises by Enterprise Type & Sector.**

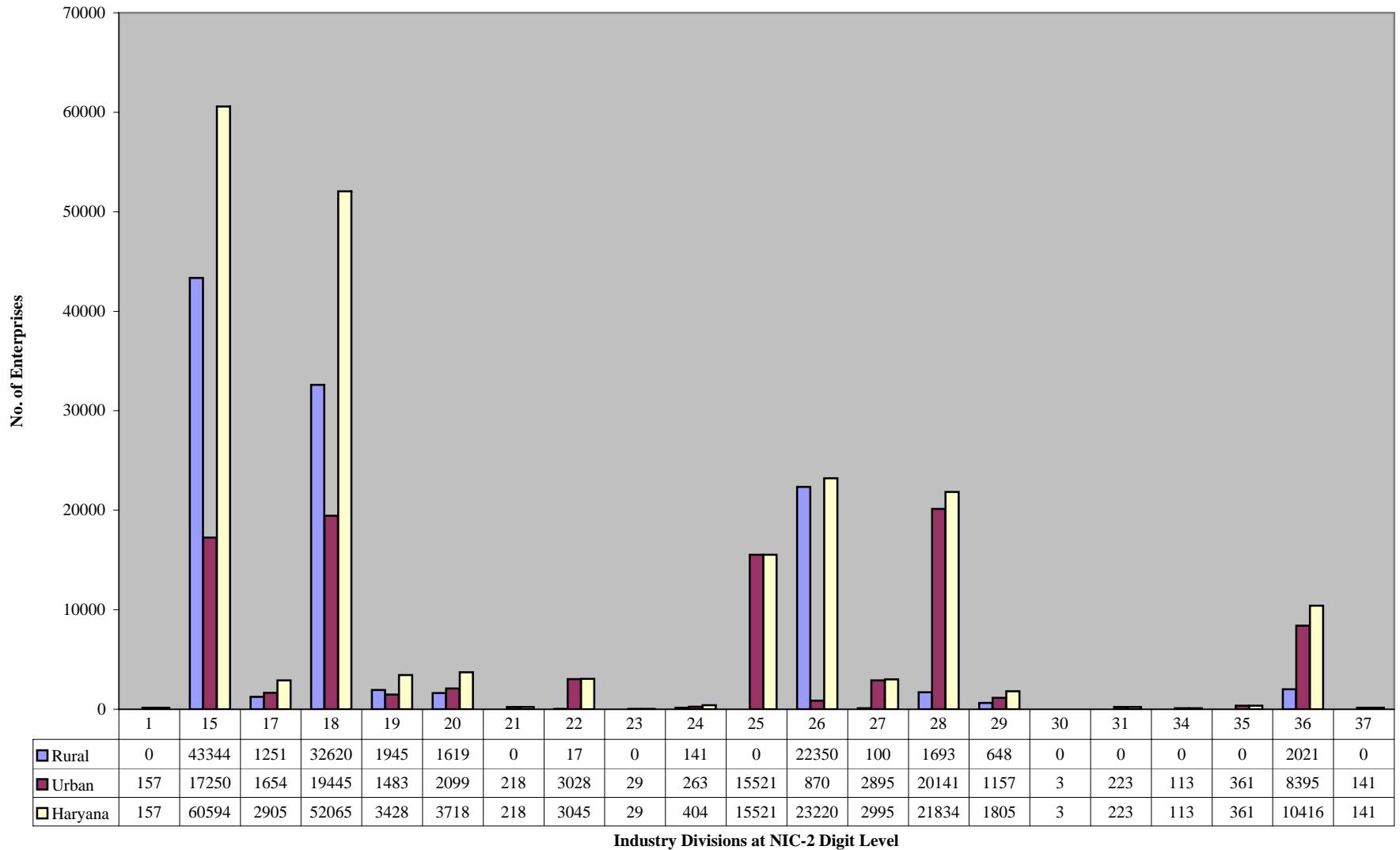


**Number of Enterprises according to NIC (1998) 2 digit level**

**Table 3.2: Sector-wise Number of Manufacturing Enterprises at NIC (1998) two digit level**

Code	Description of Activity	Rural		Urban		Total	
		Number	%	Number	%	Number	%
01	Cotton ginning, cleaning and baling	0	0	157	0.16	157	0.08
15	Mfg. of Food Products & Beverages	43344	40.23	17250	18.07	60594	29.82
17	Mfg. of Textiles	1251	1.16	1654	1.73	2905	1.43
18	Mfg. of Wearing Apparel, Dressing & Dyeing of Fur	32620	30.27	19445	20.37	52065	25.62
19	Mfg. of Leather & Products of Leather	1945	1.81	1483	1.55	3428	1.69
20	Mfg. of Wood, Wood Products etc.	1619	1.50	2099	2.20	3718	1.83
21	Mfg. of Paper and Paper Products	0	0	218	0.23	218	0.11
22	Publishing, Printing and Reproduction of Record Media	17	0.02	3028	3.17	3045	1.50
23	Mfg. of Coke, Refined Petroleum Products and Nuclear Fuel.	0	0	29	0.03	29	0.01
24	Mfg. of Chemical and Chemicals Products	141	0.13	263	0.28	404	0.20
25	Mfg. of Rubber and Plastic Products	0	0	15521	16.26	15521	7.64
26	Mfg. of other Non-Metallic Mineral Products	22350	20.74	870	0.91	23220	11.43
27	Mfg. of Basic Metals	100	0.09	2895	3.03	2995	1.47
28	Mfg. of Fabricated Metal Products	1693	1.57	20141	21.10	21834	10.74
29	Mfg. of Machinery and Equipment	648	0.60	1157	1.21	1805	0.89
30	Mfg. of office, Accounting and Computing Machinery	0	0	3	0.00	3	0.00
31	Mfg. of Electrical Machinery and Apparatus	0	0	223	0.23	223	0.11
34	Mfg. of Motor Vehicles, Trailers and Semi-Trailers	0	0	113	0.12	113	0.05
35	Mfg. of other Transport Equipment	0	0	361	0.40	361	0.18
36	Mfg. of Furniture	2021	1.88	8395	8.80	10416	5.13
37	Recycling	0	0	141	0.15	141	0.07
	Total	107749	100.00	95446	100.00	203195	100.00

**Figure-2. Number of Unorganised Manufacturing Enterprises at NIC-2 Digit Level.**



Distribution of number of enterprises at NIC (1998) two digits level is presented in table 3.2 & figure-2. Analysis of enterprise data at NIC (1998) two digits level reveals that the share of NIC industry division 15 (mfg. of food products & beverages) was highest (29.82%) followed by industry division 18 (mfg. of wearing approval, dressing & dyeing of fur) with 25.62% share, 26 (mfg. of other non-metallic mineral products) 11.43%, 28 (mfg. of fabricated metal products) 10.74% and 25 (mfg. of rubber and plastics products) 7.64% share. These five activity groups accounted for more than 85% of the total manufacturing enterprises in Haryana. In rural sector, industry division 15 (mfg. of food products & beverages) ranks highest position with share of 40.23%. In urban sector, industry division 28 (mfg. of fabricated metal products) had achieved top position with share of 21.10%.

### Estimated Employment

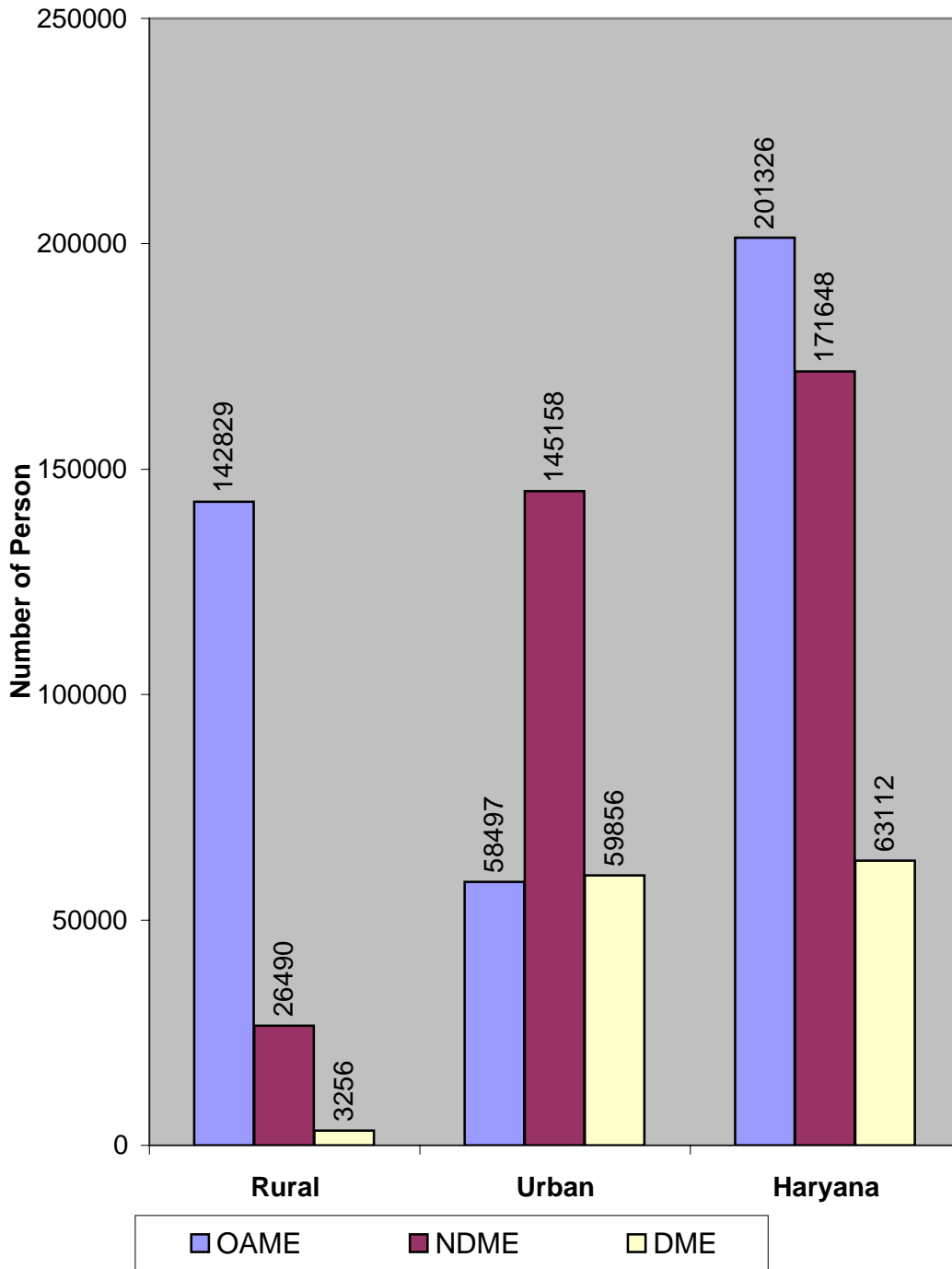
The estimated employment in unorganised manufacturing enterprises by type of employment and sector-wise has been shown in table 3.3 & figure-3.

**Table: 3.3 Enterprise type & Sector-wise Estimated Employment in Unorganised Manufacturing Enterprises.**

Sector	OAME	Establishment			Total	% to total
		NDME	DME	Sub-total		
Rural	142829	26490	3256	29746	172575	39.57
Urban	58497	145158	59856	205014	263511	60.43
Haryana	201326	171648	63112	234760	436086	100.00
% to total	46.17	39.36	14.47	53.83	100.00	X

The above table reveals that the total employment provided by the unorganised manufacturing enterprises covered in the survey were 436086 persons. This includes household and hired workers, full-time and part-time workers. Out of the total employment, 172575 persons, (39.57%) were employed in rural enterprises while 263511 persons (60.43%) were employed in urban enterprises. About 201326 persons, (46.17%) were employed in household enterprises (OAMEs) and about 234760 person (53.83%) were employed in establishment. The share of NDMEs and DMEs in the total establishments was 39.36% and 14.47% respectively.

**Figure-3. Distribution of Employment by Type of Enterprise & Sector.**



### Estimated Employment according to NIC-2 digit level

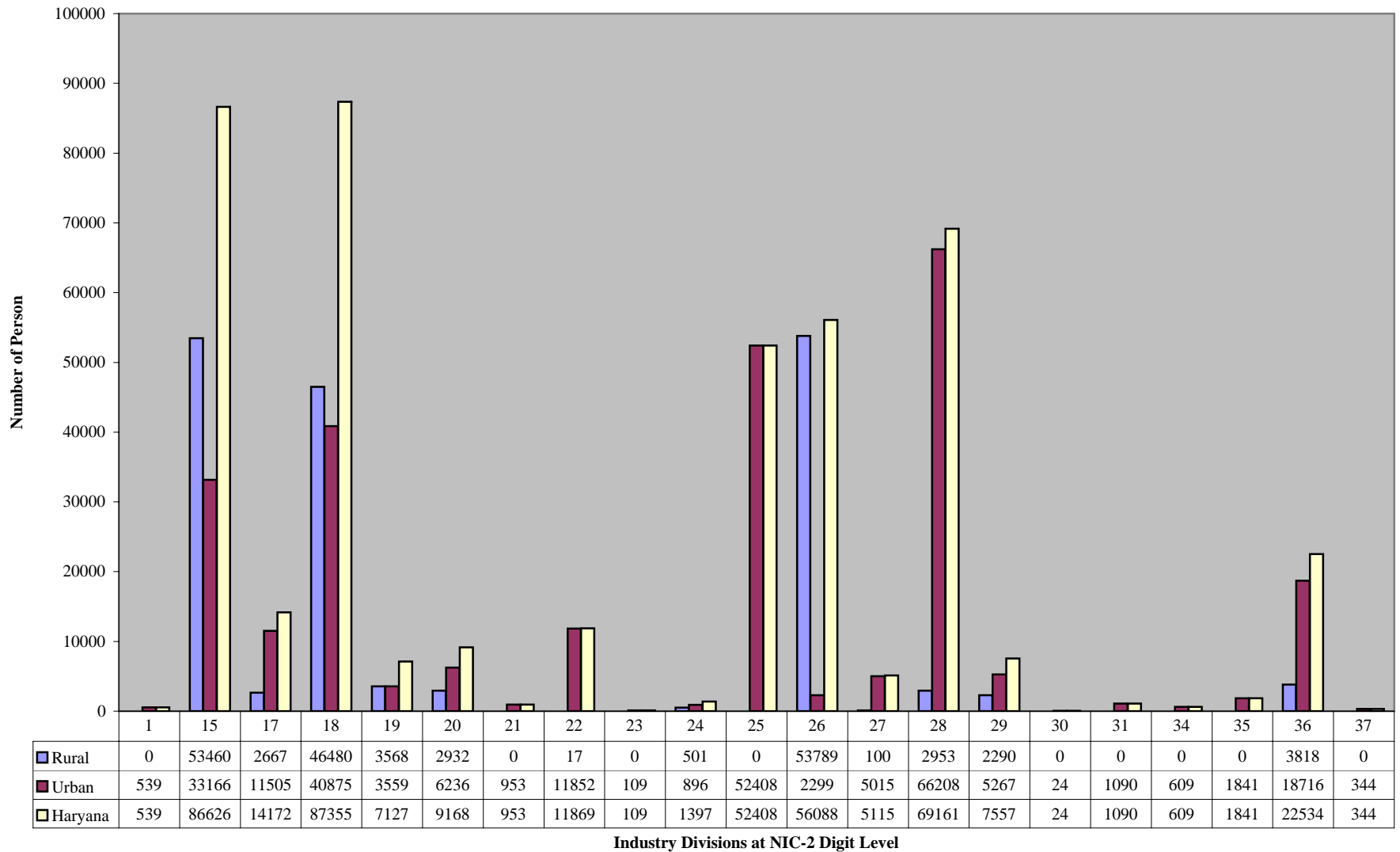
Distribution of employment at NIC (1998) two digits level is presented in table 3.4 & figure-4.

**Table 3.4 Sector-wise Employment in Unorganised Manufacturing Enterprises at NIC (1998) two digits level.**

Code	Rural		Urban		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
01	0	0	539	0.20	539	0.12
15	53460	30.98	33166	12.59	86626	19.87
17	2667	1.55	11505	4.37	14172	3.25
18	46480	26.93	40875	15.51	87355	20.03
19	3568	2.07	3559	1.35	7127	1.63
20	2932	1.70	6236	2.37	9168	2.10
21	0	0	953	0.36	953	0.22
22	17	0.01	11852	4.50	11869	2.72
23	0	0	109	0.04	109	0.03
24	501	0.29	896	0.34	1397	0.32
25	0	0	52408	19.89	52408	12.02
26	53789	31.17	2299	0.87	56088	12.86
27	100	0.06	5015	1.90	5115	1.17
28	2953	1.71	66208	25.13	69161	15.86
29	2290	1.33	5267	2.00	7557	1.73
30	0	0	24	0.01	24	0.01
31	0	0	1090	0.41	1090	0.25
34	0	0	609	0.23	609	0.14
35	0	0	1841	0.70	1841	0.42
36	3818	2.21	18716	7.10	22534	5.17
37	0	0	344	0.13	344	0.08
	172575	100.00	263511	100.00	436086	100.00

It is evident from the table 3.4 that the share in the employment of NIC industry division 18 (mfg. of wearing approval, dressing & dyeing of fur) was highest (20.03%) followed by industry division 15 (mfg. of food products & beverages) with 19.87% share, 28 (mfg. of fabricated metal products) 15.86%, 26 (mfg. of other non-metallic minerals products)

**Figure-4. Employment in Unorganised Manufacturing Enterprises at NIC-2 Digit Level.**



12.86% and 25 (mfg. of rubber and plastics products) 12.02% share. These five activity groups were providing more than 80% employment of the total employment. In rural sector, industry division 26 (mfg. of other non-metallic products) provided highest employment (31.17%). In urban sector, industry division 28 (mfg. of fabricated metal products) provided highest employment (25.13%).

### Type of workers

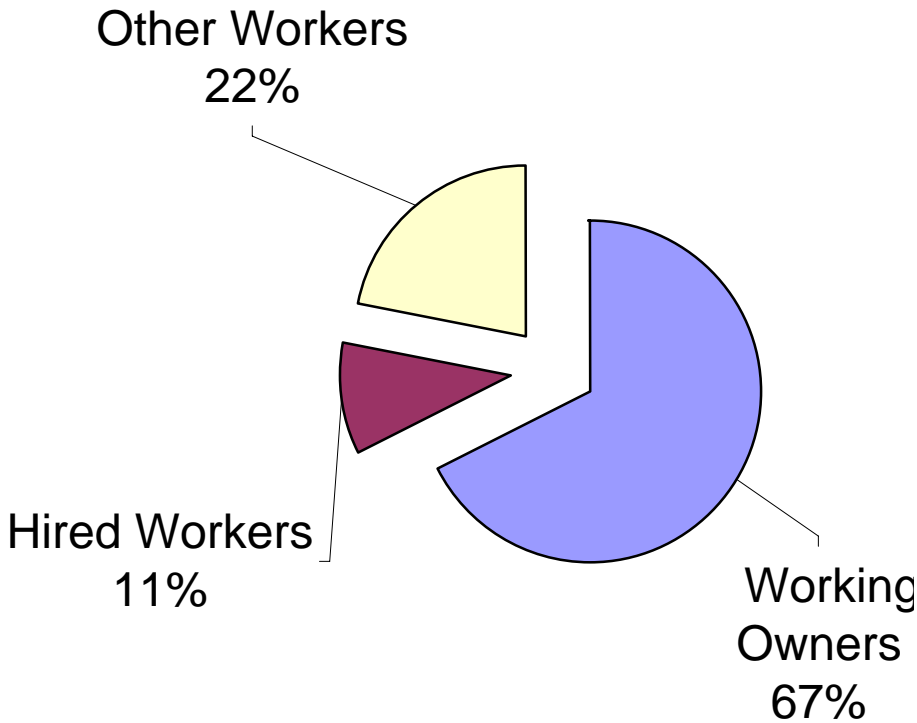
Break-up of employment in the unorganised manufacturing enterprises in terms of working owner, hired worker and other workers is shown in table 3.5 and figures-5 & 6.

**Table: 3.5 Enterprise type & Sector-wise Percentage distributions of workers engaged in manufacturing enterprises by type of worker.**

Sector & Enterprise Type	Percentage distributions of workers								
	Working Owners			Hired Workers			Other Workers		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>Rural:</b>									
OAME	77.9	14.9	73.8	0.8	0	0.7	21.3	85.1	25.5
NDME	38.9	100.0	39.0	55.1	0	55.0	6.0	0	6.0
DME	22.7	0	22.7	77.3	0	77.3	0	0	0
Total	70.5	15.1	67.5	11.1	0	10.5	18.4	84.9	22.0
<b>Urban:</b>									
OAME	77.9	32.9	76.5	0	0	0	22.1	67.1	23.5
NDME	30.8	18.0	30.7	66.4	78.0	66.5	2.8	4.0	2.8
DME	16.2	0	16.2	80.7	100.0	80.7	3.1	0	3.1
Total	37.7	25.8	37.6	55.3	36.9	55.0	7.0	37.3	7.4
<b>Combined:</b>									
OAME	77.9	17.9	74.6	0.6	0	0.5	21.5	82.1	24.9
NDME	32.1	18.9	31.9	64.6	77.1	64.8	3.3	4.0	3.3
DME	16.5	0	16.5	80.6	100.0	80.6	2.9	0	2.9
Total	50.3	18.0	49.4	38.2	10.2	37.4	11.5	71.8	13.2

The above table reveals that in the rural sector, 67.5% were working owners, 10.5% were hired workers and 22.0% figured in other workers category. In urban sector only 37.6% were working owners, 55% were hired workers and only 7.4% figured in other workers category. In Haryana, nearly 50% workers were in the category of owners, 37.4% were hired and 13.2% were other workers category.

**Figure-5. Distribution of Employment by Types  
(Rural).**



### Nature of employment

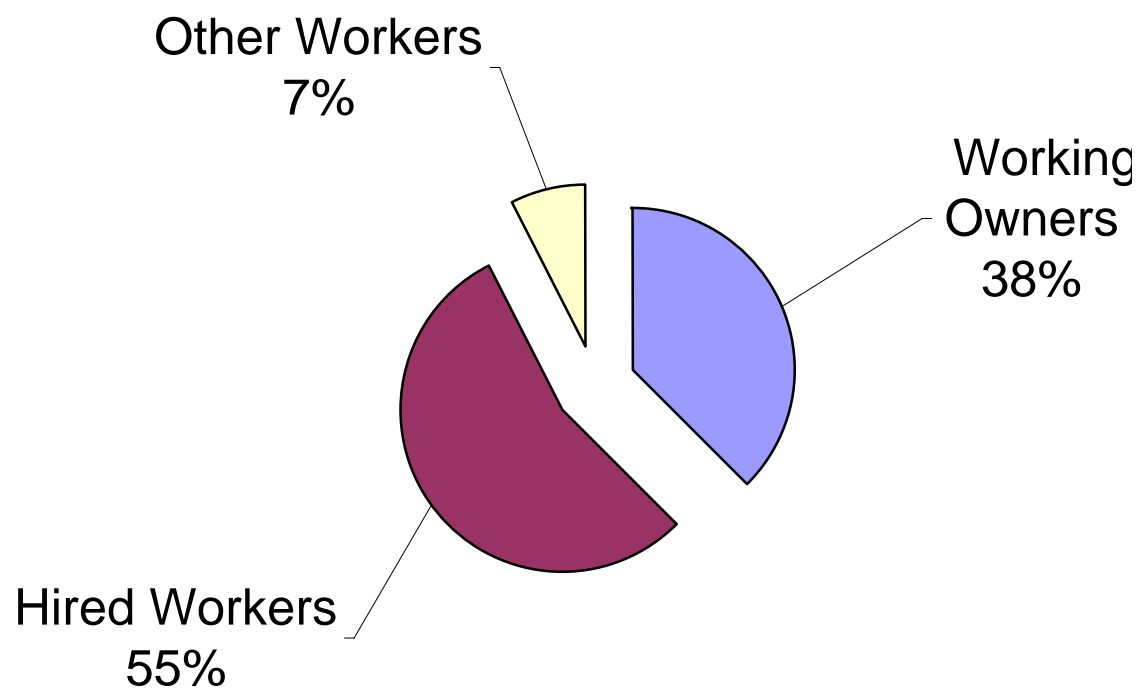
Break-up of employment in the unorganised manufacturing enterprises in terms of nature of employment, sex, sector and enterprise type is shown in table 3.6 and figures 7 & 8.

**Table 3.6 Enterprise type & Sector-wise Percentage distribution of workers engaged in manufacturing enterprises by nature of employment according to their sex.**

Sector & Enterprise Type	Percentage distributions of workers								
	Full Time			Part Time			All		
<b>Rural:</b>									
	Male	Female	Total	Male	Female	Total	Male	Female	Total
OAME	90.3	44.0	87.3	9.7	56.0	12.7	100.0	100.0	100.00
NDME	100.0	63.2	99.9	0.0	36.8	0.1	100.0	100.0	100.0
DME	100.0	0	100.0	0	0	0	100.0	0	100.0
Total	92.1	44.1	89.5	7.9	55.9	10.5	100.0	100.0	100.0
<b>Urban:</b>									
OAME	94.2	59.1	93.1	5.8	40.9	6.9	100.0	100.0	100.0
NDME	99.5	84.5	99.3	0.5	15.5	0.7	100.0	100.0	100.0
DME	99.7	100.0	99.7	0.3	0	0.3	100.0	100.0	100.0
Total	98.4	71.1	98.0	1.6	28.9	2.0	100.0	100.0	100.0
<b>Combined:</b>									
OAME	91.5	46.6	89.0	8.5	53.4	11.0	100.0	100.0	100.0
NDME	99.6	84.2	99.4	0.4	15.8	0.6	100.0	100.0	100.0
DME	99.7	100.0	99.7	0.3	0	0.3	100.0	100.0	100.0
Total	96.0	51.5	94.7	4.0	48.5	5.3	100.0	100.0	100.0

The above table reveals that in the rural sector, 89.5% workers were full-time and 10.5% were part time. In urban sector, 98.0% workers were full time and only 2.0% were part time. In Haryana, 94.7% workers were full time and only 5.3% were part time workers. Out of full time workers about 98.0% were male and about 2.0% were female. Out of part time workers, about 73.0% were male and about 27.0% were female.

**Figure-6. Distribution of Employment by Types (Urban).**



### Nature of Operation

Based on the nature of operation, enterprises were classified into two groups viz perennial and non-perennial. This classification is shown in table 3.7 and figures 9 & 10.

**Table: 3.7 Sector-wise Distribution of enterprises by Nature of operation.**

Sector	Nature of operation			
	Perennial	Seasonal	Casual	All
Rural	92290 (85.7)	15459 (14.3)	0	107749 (100.00)
Urban	93708 (98.2)	1666 (1.7)	72 (0.1)	95446 (100.00)
Haryana	185998 (91.6)	17125 (8.4)	72 (0.0)	203195 (100.00)

(The figure in the bracket is percentage to all)

The above table revealed that out of total enterprises 185998 (91.6%) were operational throughout the year. The rest of the 17197 (8.4%) enterprises (seasonal & casual) were operational in a particular season.

### Type of Ownership

Type of ownership is shown in table 3.8 and figure- 11.

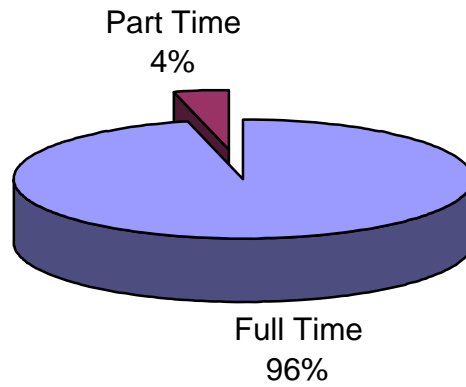
**Table: 3.8 Sector-wise Estimated no. of manufacturing enterprises by type of ownership.**

Sector	Type of Ownership						
	Proprietary			Partnership between members of			All
	Male	Female	Total	Same household	Different household	Total	
Rural	104489 (97.0)	569 (0.5)	105058 (97.5)	2468 (2.3)	223 (0.2)	2691 (2.5)	107749 (100.0)
Urban	91582 (96.0)	2540 (2.6)	94122 (98.6)	1037 (1.1)	287 (0.3)	1324 (1.4)	95446 (100.0)
Haryana	196071 (96.5)	3109 (1.5)	199180 (98.0)	3505 (1.7)	510 (0.3)	4015 (2.0)	203195 (100.0)

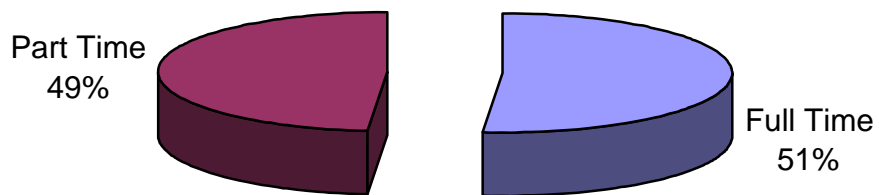
(The figure in the bracket is percentage to all)

The above table revealed that out of the total enterprises 199180 (98.0%) were proprietary in nature while the remaining 4015 (2.0%) were partnership firms. In proprietorship, about 98% were male headed and 2% were female headed. In partnership firms, about 87% were in same households and about 13% were in the different households.

**Figure-7. Percentage distribution of workers by nature of employment (Male).**



**Figure-8. Percentage distribution of workers by nature of employment (Female).**



### Type of Location

Enterprises have been classified into two major groups with respect to type of location viz enterprises within household premises and enterprises outside household premises. Enterprises according to location is shown in table 3.9 and figures 12 & 13.

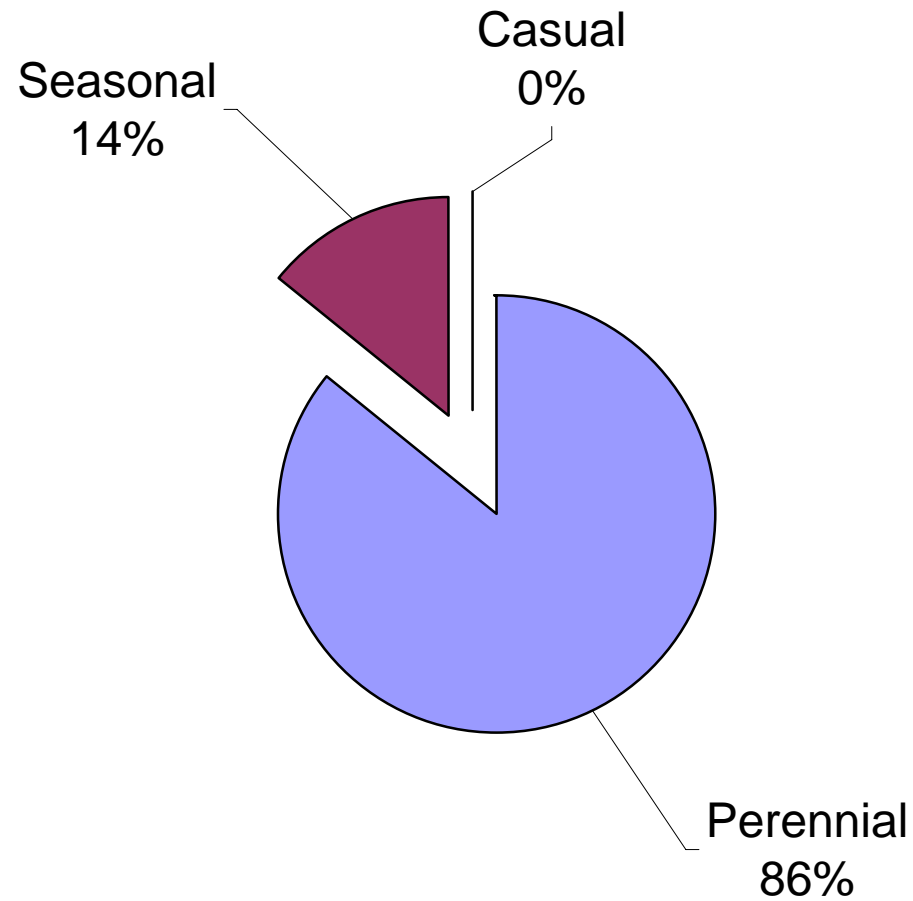
**Table: 3.9 Sector-wise estimated number of manufacturing enterprises by type of location.**

Sector	Type of Location						
	Within Household Premises	Outside household premises					All
		With fixed premises			Without fixed premises		
		With permanent structure	With temporary structure	Without any structure	Mobile market	Street vendors etc.	
Rural	47475 (44.1)	54814 (50.9)	1348 (1.2)	4112 (3.8)	0	0	107749 (100.0)
Urban	9800 (10.3)	84018 (88.0)	1234 (1.3)	394 (0.4)	0	0	95446 (100.0)
Haryana	57275 (28.2)	138832 (68.3)	2582 (1.3)	4506 (2.2)	0	0	203195 (100.0)

(The figure in the brackets is percentage to all)

The above table revealed that out of total enterprises 28.2% were operating from household premises and 71.8% were operating outside household premises. In rural sector, 44.1% of the enterprises were operating from household premises and 55.9% were operating from outside household premises. In urban sector, only 10.3% of the enterprises were operating from household premises and remaining 89.7% were operating from outside household premises. Maximum enterprises which were situated outside of household premises have permanent structure.

**Figure-9. Percentage distribution of enterprises by nature of operation (Rural).**



### Maintenance of Accounts

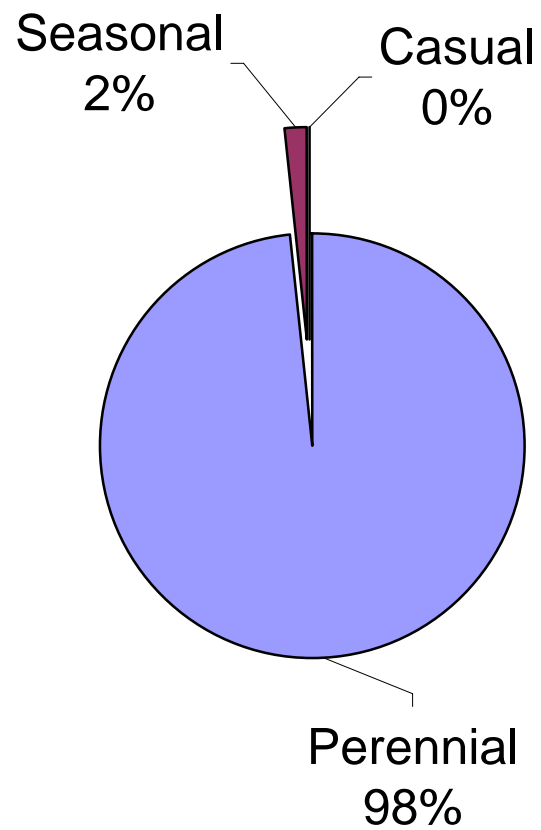
Percentage distribution of manufacturing enterprises by maintenance of accounts is shown in table 3.10 and figures 14 & 15.

**Table: 3.10 Enterprise type and Sector-wise Percentage distribution of manufacturing enterprises by maintenance of accounts.**

Sector	Manufacturing enterprises by maintenance of accounts			
	Yes	No.	N.R.	All
<b>Rural:</b>				
OAME	11.7	88.3	0	100.0
NDME	58.7	41.3	0	100.0
DME	27.1	72.9	0	100.0
Total	16.2	83.8	0	100.0
<b>Urban:</b>				
OAME	16.4	83.6	0	100.0
NDME	68.1	31.9	0	100.0
DME	77.9	22.1	0	100.0
Total	45.4	54.6	0	100.0
<b>Combined:</b>				
OAME	13.1	86.9	0	100.0
NDME	66.3	33.7	0	100.0
DME	75.7	24.3	0	100.0
Total	29.9	70.1	0	100.0

It is clear from the table that about 30% of total manufacturing enterprises maintained the books of account. About 70% enterprises didn't maintain proper accounts. In rural sector, only 16% enterprises maintained the accounts and 84% enterprises didn't maintain the accounts. In urban sector, 45% enterprises maintained the accounts and 55% enterprises didn't maintain the accounts. The percentage of maintenance of accounts of NDMEs (66%) and DMEs (76%) was much higher in comparison to OAMEs (13%).

**Figure-10. Percentage distribution of enterprises by nature of operation (Urban).**



### Status of registration

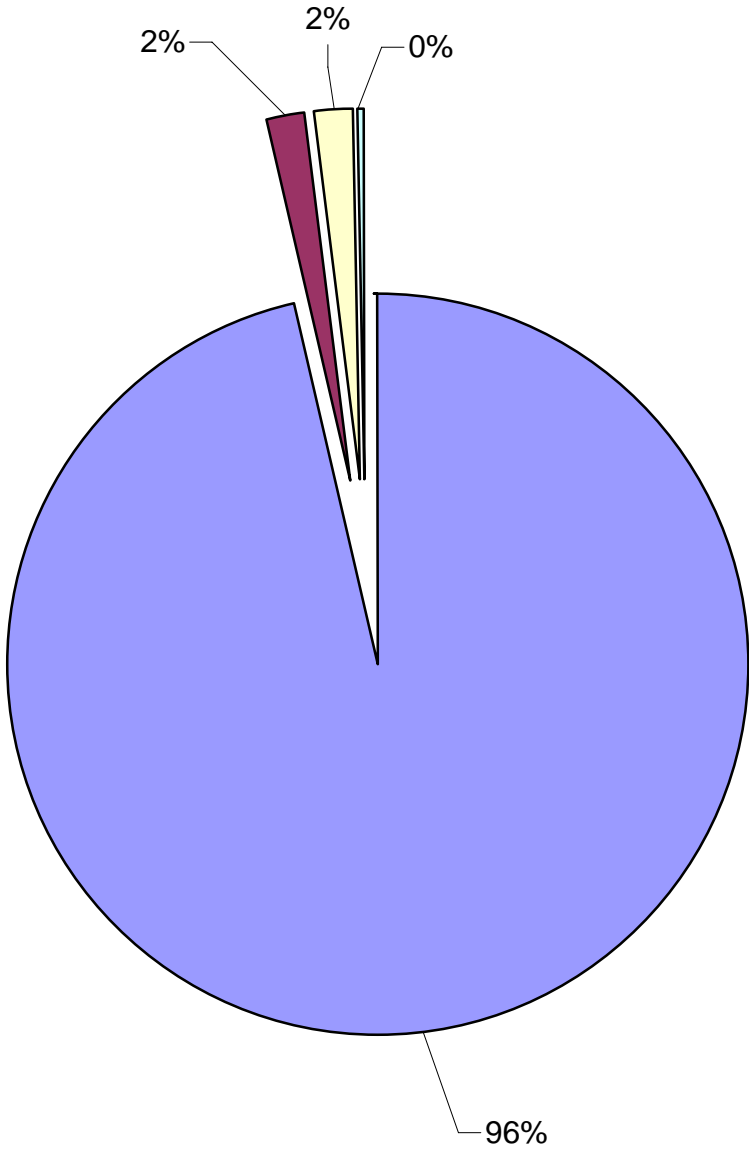
Percentage distribution of manufacturing enterprises by registration of enterprises under different act shown in table 3.11 and figures 16 & 17.

**Table: 3.11 Enterprise type & Sector-wise Percentage distribution of manufacturing enterprises by registration of enterprises registered under different act.**

Sector & enterprise type	Manufacturing enterprises by agency of registration										
	Not registered	MC/Local Bodies	Khadi & village industry commission	Coir Board	Silk Board	Jute Commissioner	State Directorate	Development Commissioner handicraft	Sector 85 of Factory Act	Other	All
<b>Rural:</b>											
OAME	99.8	0.1	0.0	0	0	0	0.1	0	0	0	100.0
NDME	93.5	1.5	0.6	0	0	0	4.4	0	0	0	100.0
DME	80.2	0	4.2	0	0	0	0	0	15.6	0	100.0
Total	99.1	0.2	0.1	0	0	0	0.5	0	0.1	0	100.0
<b>Urban:</b>											
OAME	71.1	13.9	0.3	0.4	0	0	14.2	0	0.1	0	100.0
NDME	32.2	15.4	0.6	0	0	0	50.9	0	0.1	0.8	100.0
DME	18.5	15.5	0.9	1	0	0	64.9	0	0	0.2	100.0
Total	48.7	14.7	0.5	0.2	0	0	35.4	0	0	0.4	100.0
<b>Combined:</b>											
OAME	90.9	4.4	0.1	0.1	0	0	4.5	0	0.0	0	100.0
NDME	43.9	12.7	0.6	0	0	0	42.0	0	0.1	0.7	100.0
DME	21.2	14.8	1.1	0	0	0	62.0	0	0.7	0.2	100.0
Total	75.4	7.0	0.3	0.1	0	0	16.9	0	0.1	0.2	100.0

The above table revealed that about 25% of the total enterprises were reported to be registered with any registration agency. About 75% enterprises were not registered anywhere. The overall proportion of registered enterprises was much higher in urban sector, as compared to the rural sector. Among the registered enterprises, a majority had registered with State Directorate of Industries (16.9%) followed by Local Bodies (7%).

**Figure-11. Percentage distribution by type of ownership.**



- Proprietary Male
- Proprietary Female
- Partnership between same hhs.
- Partnership between different hhs.

### Source agency of purchase of basic inputs

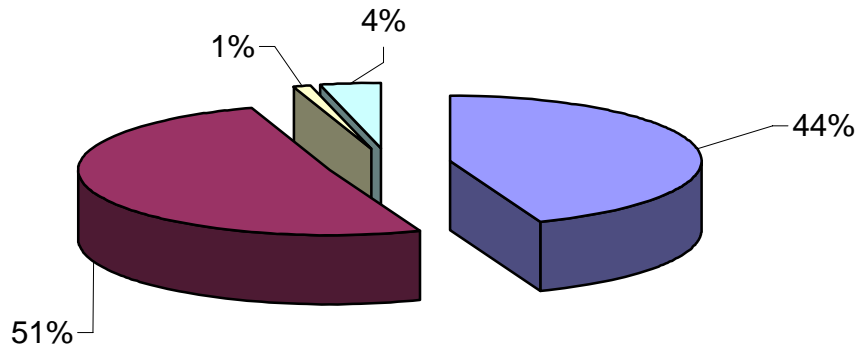
Table 3.12 and figures 18 & 19 presents percentage distribution of source agency of purchase of basic inputs.

**Table: 3.12 Enterprises type and Sector-wise Percentage of manufacturing enterprises by source agency of purchase of basic input.**

Sector & enterprise type	Source agency for purchase of basic input							
	No source agency	Government	Co-op society	Private enterprises	Contractor/middlemen	Private households	Others	Total
<b>Rural:</b>								
OAME	7.8	0.0	1.8	51.6	0.1	26.5	12.2	100.0
NDME	1.7	0	0.4	86.2	0	9.4	2.3	100.0
DME	0	0	0	34.9	4.2	60.9	0	100.0
All	7.2	0.0	1.7	54.8	0.1	25.0	11.2	100.0
<b>Urban:</b>								
OAME	17.0	0	1.3	71.7	0	8.9	1.1	100.0
NDME	15.1	0.0	0	80.6	0.6	2.9	0.8	100.0
DME	13.7	0.7	0	72.9	0.5	4.5	7.7	100.0
All	15.8	0.1	0.6	75.9	0.3	5.8	1.5	100.0
<b>Combined:</b>								
OAME	10.7	0.0	1.6	57.8	0.1	21.1	8.7	100.0
NDME	12.6	0.0	0.1	81.6	0.5	4.1	1.1	100.0
DME	13.1	0.6	0	71.2	0.7	7.0	7.4	100.0
All	11.3	0.0	1.1	64.7	0.2	16.0	6.7	100.0

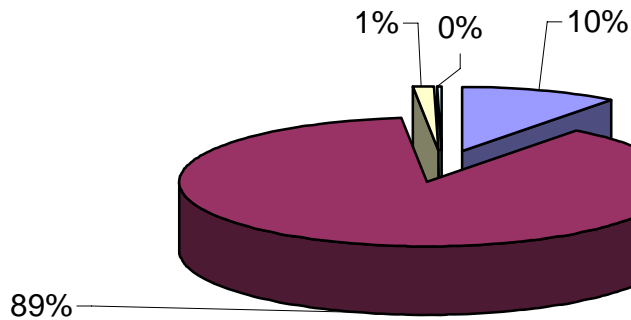
It is reveals from the table that overall about 11% of enterprises did not have any particular agency as source for purchase of basic inputs. About 65% of the enterprises purchased their inputs from private enterprises. About 16% of the enterprises purchased their inputs from private households. Enterprises in rural sector depended more on private households (25%) for such purchases as compared to the enterprises in urban sector (5.8%). In contrast, private enterprises were reported more often (75.9%) in urban sector than rural sector (54.8%).

**Figure-12. Percentage distribution of enterprises by type of location (Rural).**



- Within household permits
- Outside household with fixed permits with permanent structure
- Outside household with fixed permits with temporary structure
- Outside household with fixed permits without any structure

**Figure-13. Percentage distribution of enterprises by type of location (Urban).**



- Within household permits
- Outside household with fixed permits with permanent structure
- Outside household with fixed permits with temporary structure
- Outside household with fixed permits without any structure

### Destination agency of supply of output

Table 3.13 and figures 20 & 21 presents percentage distribution of purchaser agency of the goods/services produced by the enterprises.

**Table: 3.13 Enterprise type and Sector-wise Percentage of manufacturing enterprises by destination agency for sale of final output.**

Sector & enterprise type	Destination agency for sale of final products						No source agency	All
	Government	Co-op society	Private enterprises	Contractor/middlemen	Private households	Others		
<b>Rural:</b>								
OAME	0.1	1.8	9.0	1.3	73.5	14.3	0	100.0
NDME	0	0.1	8.0	0	78.7	13.2	0	100.0
DME	0	0	28.9	8.3	62.8	0	0	100.0
Total	0.1	1.6	9.0	1.3	73.9	14.1	0	100.0
<b>Urban:</b>								
OAME	0	0.3	24.5	0.3	53.2	21.7	0	100.0
NDME	0	0.1	43.9	0.5	21.5	34.0	0	100.0
DME	0.5	0	60.9	0.3	14.4	23.9	0	100.0
Total	0.0	0.2	36.5	0.4	35.3	27.6	0	100.0
<b>Combined:</b>								
OAME	0.0	1.4	13.8	1.0	67.2	16.6	0	100.0
NDME	0	0.1	37.1	0.4	32.3	30.1	0	100.0
DME	0.5	0	59.5	0.6	16.6	22.8	0	100.0
Total	0.1	1.0	21.9	0.8	55.8	20.4	0	100.0

It is revealed from the above table that private households (55.8%) were the primary purchasers of final products of the enterprises. This was followed by private enterprises (21.9%) and others (20.4%). In rural sector, the private household (73.9%) were the major purchasers of final products of the enterprises. In urban sector, private enterprises (36.5%) were the primary purchasers of final products of the enterprises.

### Type of assistance received

Table 3.14 and figures 22 & 23 gives the percentage distribution of enterprises receiving assistance separately by type of assistance received.

**Table:3.14 Enterprise type and Sector-wise Percentage of manufacturing enterprises receiving assistance by type of assistance received.**

Sector & enterprise type	Percentage distribution of enterprises by type of assistance received								All
	No assistance received	Loan	Subsidy	Machinery/ equipment	Training	Marketing	Procurement of raw material	Others	
<b>Rural:</b>									
OAME	88.5	2.7	0.3	0	0	0	0	8.5	100.0
NDME	94.9	1.9	0.3	0.2	0	0	0	2.7	100.0
DME	88.5	7.3	0	4.2	0	0	0	0	100.0
Total	89.1	2.7	0.3	0.0	0	0	0	7.9	100.0
<b>Urban:</b>									
OAME	91.3	1.5	4.7	0.1	0	0.2	0.6	1.6	100.0
NDME	95.6	1.8	0.2	0.1	0	0.2	0	2.1	100.0
DME	92.4	3.9	1.6	0.1	0.2	0	0	1.8	100.0
Total	93.4	1.9	2.4	0.1	0.0	0.1	0.3	1.8	100.0
<b>Combined:</b>									
OAME	89.4	2.3	1.7	0.0	0	0.0	0.2	6.4	100.0
NDME	95.5	1.9	0.2	0.1	0	0.1	0	2.2	100.0
DME	92.2	4.0	1.5	0.3	0.2	0	0	1.8	100.0
Total	91.1	2.3	1.3	0.0	0.0	0.1	0.1	5.1	100.0

The above table reveals that only 9% of the enterprises had reported as receiving assistance of any kind. About 91% of the enterprises were not receiving any type of assistance. About 1% of enterprises received assistance in the form of subsidy. About 2% of enterprises received assistance in the form of loan. About 5% of enterprises received others type of assistance. Assistance in the form of loan was reported more often by the DMEs, as compared to the OAMEs & NDMEs. Assistance in the form of subsidy was reported more often in urban sector, as compared to rural sector.

### Fixed Assets and Rent Payable

Addition of fixed assets and rent payable is shown table 3.15.

**Table: 3.15 Enterprise type & Sector-wise Value of fixed assets addition and rent paid.**

Sector & enterprise type	Market value of assets									
	Addition of fixed assets					Rent payable				
	Land & Building	Plant & Machinery	Transport Equipment	Others	Total	Land & Building	Plant & Machinery	Transport Equipment	Others	Total
<b>Rural:</b>										
OAME	0	293200	3090000	437060	3820260	2887710	0	0	0	2887710
NDME	10500	0	0	241350	251850	1237000	0	0	0	1237000
DME	0	5040000	0	1488000	6528000	1387500	0	0	0	1387500
Total	10500	5333200	3090000	2166410	10600110	5512210	0	0	0	5512210
<b>Urban:</b>										
OAME	0	254825	0	679825	934650	11341030	0	0	0	11341030
NDME	4020000	1794300	0	1417350	7231650	8978100	0	0	0	8978100
DME	0	0	0	0	0	2186340	0	0	0	2186340
Total	4020000	2049125	0	2097175	8166300	22505470	0	0	0	22505470
<b>Combined:</b>										
OAME	0	548025	3090000	1116885	4754910	14228740	0	0	0	14228740
NDME	4030500	1794300	0	1658700	7483500	10215100	0	0	0	10215100
DME	0	5040000	0	1488000	6528000	3573840	0	0	0	3573840
Total	4030500	7382325	3090000	4263585	18766410	28017680	0	0	0	28017680

It is reveals from the above table that the value of the assets addition during last 365 days was about Rs. 2 crores. Plant & Machinery was added during last 365 days was about Rs. 70 lakhs. Rent payable during last 365 days was about Rs. 3 crores. The owners of enterprise hired only land & building during last 365 days.

### Fixed Assets

The percentage of fixed assets by enterprise type is shown in table 3.16 and figures 24 & 25.

**Table: 3.16 Enterprise type & Sector-wise Percentage of fixed assets.**

Sector & enterprise type	Percentage of fixed assets										
	Owned					Hired					All
	Land & Building	Plant & Machinery	Transport Equipment	Others	Total	Land & Building	Plant & Machinery	Transport Equipment	Others	Total	
<b>Rural:</b>											
OAME	74.3	20.1	2.3	3.3	100.00	100.0	0	0	0	100.0	
NDME	88.7	9.1	0.7	1.5	100.0	100.0	0	0	0	100.0	
DME	59.1	29.9	7.5	3.5	100.0	100.0	0	0	0	100.0	
Total	77.1	18.0	2.1	2.8	100.0 (91.2)	100.0	0	0	0	100.0 (8.8)	(100.0)
<b>Urban:</b>											
OAME	71.8	20.7	1.8	5.7	100.0	100.0	0	0	0	100.0	
NDME	58.9	33.9	0.9	6.3	100.0	100.0	0	0	0	100.0	
DME	67.8	23.7	3.4	5.1	100.0	100.0	0	0	0	100.0	
Total	63.5	28.9	1.7	5.9	100.0 (86.0)	100.0	0	0	0	100.0 (14.0)	(100.0)
<b>Combined:</b>											
OAME	73.2	20.4	2.1	4.3	100.0	100.0	0	0	0	100.0	
NDME	61.8	31.5	0.9	5.8	100.0	100.0	0	0	0	100.0	
DME	67.6	23.8	3.5	5.1	100.0	100.0	0	0	0	100.0	
Total	66.5	26.5	1.8	5.2	100.0 (87.1)	100.0	0	0	0	100.0 (12.9)	(100.0)

(The figure in the brackets is the percentage to all)

The above table reveals that the proportion of owned assets (87.1%) was much higher than the hired assets (12.9%). In rural sector, this proportion was 91.2% and 8.8% respectively. In urban sector, the proportion of owned assets was 86.0% and hired assets was 14.0%. In owned assets, land & building (66.5%) occupied major proportion of fixed assets. This was followed by plants & machinery (26.5%). The owners of the enterprises hired only land & building. They didn't hire any other assets.

### Different Items of Expenditure

Table 3.17 and figure 26 gives the percentage distribution of operating expenses by items of expenditure separately for rural, urban and combined.

**Table: 3.17 Sector-wise Percentage share of different items of expenditure in operating expenses (including distributive expenses).**

(All industries)

Sr. No.	Item of expenditure	% share in operating expenses		
		Rural	Urban	Combined
1.	Raw Materials consumed	73.2	90.7	88.0
2.	Trading & other activities	0.7	0.8	0.8
3.	Electricity	10.7	4.8	5.7
4.	Fuel & lubricant	5.1	1.0	1.6
5.	Cost of own construction	0	0.0	0.0
6.	Minor repair & maintenance	2.4	0.4	0.7
7.	Service charge for work done by others	1.7	0.0	0.3
8.	Travelling, freight & transport charges	2.7	0.8	1.1
9.	Communication	0.1	0.4	0.4
10.	Consumable stores, packing materials etc.	0.9	0.4	0.5
11.	Paper, printing & stationery	0.2	0.1	0.1
12.	Distribution expenses	0.4	0.1	0.1
13.	Others	1.9	0.5	0.7
14.	Total	100.0	100.0	100.0

It is evident from the table that considering all enterprises together, it was found that except for expenses on raw materials (88.0%), the highest expenses was incurred on electricity (5.7%). Expenses on fuel & lubricant (1.6%), travelling, freight & transport charges (1.1%), others (1.0%), trading & other activities (0.8%) come next. In the rural enterprises, expenses on raw materials consumed (73.2%) was followed by expenses on electricity (10.7%), fuel & lubricant (5.1%), travelling, freight & transport charges (2.7%), minor repair & maintenance (2.4%). In urban enterprises, expenses on raw materials consumed (90.7%) was followed by electricity (4.8%), fuel & lubricant (1.0%).

### Different items of Receipts

Table 3.18 and figure 27 gives the percentage distribution of gross receipts by items of receipts separately for rural, urban and combined.

**Table: 3.18 Sector-wise Percentage share of different items of receipts in gross receipts.**

Sr. No.	Items of receipt	% share in gross receipt		
		Rural	Urban	Combined
1.	Products and by products manufactured	75.3	82.5	80.9
2.	Change in stock of semi finished goods	4.6	7.8	7.2
3.	Receipts from trading & other activities	0.3	0.8	0.7
4.	Receipts from services provided to others	18.5	8.5	10.6
5.	Market value of own construction	0	0	0
6.	Consumption of goods for own use	0.7	0.1	0.2
7.	Rent receivable from fixed assets	0.0	0.0	0.0
8.	Donation received	0.6	0.3	0.4
9.	Other receipts	0	0	0
10.	Total	100.0	100.0	100.0

The above table reveals that considering all the enterprises together, one may note that except for receipts from products and by products manufactured (80.9%), the highest receipt was from services provided to others (10.6%). In the rural enterprises, receipts from products and by-products manufactured (75.3%) was followed by services provided to others (18.5%). In urban enterprises, receipts from products and by-products manufactured (82.5%) was followed by services provided to others (8.5%). The contribution of change in stock of semi-finished goods in the rural and urban sectors were 4.6% and 7.8% respectively.

### Specific problems faced in operation

Information on different types of problems faced by the manufacturing sector enterprises in their day to day operation was collected. Table 3.19 & figure-28 gives the percentage obtained from the responses regarding problems faced in specific areas.

**Table 3.19 Enterprise type and Sector-wise Percentage of manufacturing enterprises reporting some specific problems.**

Sector & Enterprise type	Percentage of manufacturing enterprises reporting some specific problems							
	Not facing any problem	Non-avail of Electricity Connection	Power cut	Shortage of capital	Non-avail of raw material	Marketing of product	Any other problem	
<b>Rural:</b>								
OAME	13.9	4.6	27.1	25.0	8.9	8.1	12.4	
NDME	10.4	14.6	24.8	23.5	2.2	16.4	8.1	
DME	9.8	0	3.9	34.1	30.2	2.9	19.1	
All	13.5	5.8	26.8	24.8	8.1	9.1	11.9	
<b>Urban:</b>								
OAME	12.9	2.5	26.5	34.8	2.6	10.6	10.2	
NDME	5.2	1.0	41.1	14.0	2.1	31.6	5.0	
DME	4.5	1.8	60.6	8.8	1.7	20.1	2.5	
All	8.4	1.7	36.4	22.3	2.3	21.9	7.0	
<b>Combined:</b>								
OAME	13.6	3.9	26.9	27.9	7.1	8.8	11.8	
NDME	6.3	4.0	37.5	16.1	2.1	28.3	5.7	
DME	4.7	1.8	58.8	9.6	2.6	19.5	3.0	
All	11.1	3.9	31.2	23.7	5.4	15.1	9.6	

The above table reveals that about 11% of the total enterprises had not faced any specific problem in their day-to-day operation. The power cut seems to be the problem faced by the highest proportion of enterprises (31.2%) followed by the shortage of capital (23.7%).

### Gross Value added per enterprise/worker

Gross value added per enterprise gives an idea about the contribution of unorganised manufacturing enterprises to the gross domestic product of the State. On the other hand gross value added per worker is an important indicator of productivity of worker. GAV per enterprise/worker is presented by enterprise type & sector in table 3.20 and figure- 29.

**Table: 3.20 Enterprise type & Sector-wise Gross value adder per enterprise/worker.**

Sector & enterprise type	Gross value added (Rs.)	
	Per enterprise	Per worker
<b>Rural:</b>		
OAME	47053	31998
NDME	108953	42096
DME	672815	79349
Total	55163	34442
<b>Urban:</b>		
OAME	75894	56447
NDME	162655	48946
DME	457045	63048
Total	148574	53815
<b>Combined:</b>		
OAME	55976	39102
NDME	152461	47889
DME	466633	63889
Total	99041	46148

It is evident from the table that each enterprise in the unorganised manufacturing enterprises sector was found to Rs. 99041 as gross value added per annum, GVA per enterprise in urban sector (Rs. 148574) was much higher as compared to rural sector (Rs. 55163). GVA per enterprise of OAMEs was estimated at Rs. 55976, NDMEs 152461 and DMEs Rs. 466633. GVA per worker found to Rs. 46148 per annum, GVA per worker also was much higher in urban sector (Rs. 53815) as compared to rural sector (Rs. 34442). GVA per worker in OAMEs was estimated at s. 39102, NDMEs Rs. 47889 and DMEs Rs. 63889. GVA per worker was higher in bigger enterprises (DMEs) when compared to that of small enterprises (NDMEs).

### Gross added per enterprise/worker industry-wise

The GVA per enterprise/worker industry wise at NIC (1998) two digit level is shown in table 3.21.

**Table: 3.21 Gross value added (in Rs.) per enterprise/worker by industry-wise.**

Industry code	Description of Activity	Gross value added	
		Per enterprise	Per worker
01	Cotton ginning, cleaning and baling	1103595	321455
15	Mfg. of Food Products & Beverages	63540	44446
17	Mfg. of Textiles	369835	75809
18	Mfg. of Wearing Apparel, Dressing & Dyeing of Fur	58531	34886
19	Mfg. of Leather & Products of Leather	87628	42148
20	Mfg. of Wood, Wood Products etc.	106697	43270
21	Mfg. of Paper and Paper Products	875881	200359
22	Publishing, Printing and Reproduction of Record Media	197597	50694
23	Mfg. of Coke, Refined Petroleum Products and Nuclear Fuel.	75186	20004
24	Mfg. of Chemical and Chemicals Products	242163	70031
25	Mfg. of Rubber and Plastic Products	188439	55808
26	Mfg. of other Non-Metallic Mineral Products	55690	23055
27	Mfg. of Basic Metals	227310	133097
28	Mfg. of Fabricated Metal Products	155975	49241
29	Mfg. of Machinery and Equipment	259350	61946
30	Mfg. of office, Accounting and Computing Machinery	546000	68250
31	Mfg. of Electrical Machinery and Apparatus	336675	68879
34	Mfg. of Motor Vehicles, Trailers and Semi-Trailers	328032	60866
35	Mfg. of other Transport Equipment	436886	85669
36	Mfg. of Furniture	127012	58709
37	Recycling	161758	66302
	All	99041	46148

The above table reveals that the industries dealing with mfg. of cotton ginning, mfg. of paper and paper products, mfg. of office, accounting & computing machinery, mfg. of other transport equipment and mfg. of textiles were found to have highest gross value added per enterprise. On the other hand, gross value added per worker was found highest enterprises engaged in production of cotton ginning, mfg. of paper and paper products, mfg. of basic metals, mfg. of other transport equipment and mfg. of textiles. Performance of top five activity groups at NIC-2 digit level for GVA per enterprise/worker is presented in figures 30 & 31.

**APPENDIX**

**Table 1: Estimated number of manufacturing enterprises & employment by enterprise type and Industry code (Rural)**

Sr. No.	Industry code	Enterprise				Employment			
		OAME	NDME	DME	TOTAL	OAME	NDME	DME	TOTAL
1	2	3	4	5	6	7	8	9	10
1	15	40501	2563	280	43344	44523	6533	2404	53460
2	17	1251	0	0	1251	2667	0	0	2667
3	18	26327	6293	0	32620	31292	15188	0	46480
4	19	1900	45	0	1945	3388	180	0	3568
5	20	1259	360	0	1619	2004	928	0	2932
6	22	17	0	0	17	17	0	0	17
7	24	0	141	0	141	0	501	0	501
8	26	22290	0	60	22350	53261	0	528	53789
9	27	100	0	0	100	100	0	0	100
10	28	1452	241	0	1693	2277	676	0	2953
11	29	284	320	44	648	436	1530	324	2290
12	36	1749	272	0	2021	2864	954	0	3818
<b>Total</b>		97130	10235	384	107749	142829	26490	3256	172575

**Table 2: Estimated number of manufacturing enterprises & employment by enterprise type and Industry code (Urban)**

Sr. No.	Industry code	Enterprise				Employment			
		OAME	NDME	DME	TOTAL	OAME	NDME	DME	TOTAL
1	2	3	4	5	6	7	8	9	10
1	01	0	112	45	157	0	224	315	539
2	15	10485	6297	468	17250	12955	16957	3254	33166
3	17	653	291	710	1654	1113	1382	9010	11505
4	18	11701	6936	808	19445	14476	20411	5988	40875
5	19	1012	415	56	1483	1718	1427	414	3559
6	20	706	1225	168	2099	1275	3811	1150	6236
7	21	134	3	81	218	268	15	670	953
8	22	949	996	1083	3028	1291	2930	7631	11852
9	23	0	29	0	29	0	109	0	109
10	24	72	130	61	263	72	397	427	896
11	25	1998	12358	1165	15521	2007	43262	7139	52408
12	26	777	15	78	870	1654	60	585	2299
13	27	2694	125	76	2895	3912	486	617	5015
14	28	6442	10888	2811	20141	8987	39212	18009	66208
15	29	88	765	304	1157	150	2822	2295	5267
16	30	0	0	3	3	0	0	24	24
17	31	30	152	41	223	34	732	324	1090
18	34	0	72	41	113	0	308	301	609
19	35	0	181	180	361	0	653	1188	1841
20	36	5661	2677	57	8395	8479	9890	347	18716
21	37	106	14	21	141	106	70	168	344
<b>Total</b>		<b>43508</b>	<b>43681</b>	<b>8257</b>	<b>95446</b>	<b>58497</b>	<b>145158</b>	<b>59856</b>	<b>263511</b>

**Table 3 : Number of manufacturing enterprises by nature of operation sector-wise**

Sector	Nature of operation					Number of Enterprises	
	Perennial	Seasonal	Casual	n.r.	all	Sample	Estimated
1	2	3	4	5	6	7	8
Rural	92290	15459	0	0	107749	531	107749
Urban	93708	1666	72	0	95446	1175	95446
Total	185998	17125	72	0	203195	1706	203195

**Table 4: Number of manufacturing enterprises by type of ownership sector-wise**

Sector	Type of ownership					Number of Enterprises					
	Proprietary	Partnership between members of	co-operative society	limited company (outside public Sector)	others	n.r.	all	sample	estimated		
	Male	Female	same household	different households							
1	2	3	4	5	6	7	8	9	10	11	12
Rural	104489	569	2468	223	0	0	0	0	107749	531	107749
Urban	91582	2540	1037	287	0	0	0	0	95446	1175	95446
Total	196071	3109	3505	510	0	0	0	0	203195	1706	203195

**Table 5: Number of manufacturing enterprises by type of location**

Sector	manufacturing enterprises by type of location										
	Within household premises	out side household premises						Number of Enterprises			
		with fixed premises			without fixed premises			n.r.	all	sample	estimated
		with permanent structure	with temporary structure	without any structure	mobile market	street vendors	etc.				
1	2	3	4	5	6	7	8	9	10	11	
Rural	47475	54814	1348	4112	0	0	0	107749	531	107749	
Urban	9800	84018	1234	394	0	0	0	95446	1175	95446	
Total	52275	138832	2582	4506	0	0	0	203195	1706	203195	

**Table 6: Estimated Number of workers engaged in manufacturing enterprises by type of worker, sex and sector**

Sector & Ent. type	Estimated no. of workers												sample number of workers
	working owner			hired worker			other worker			all worker			
	male	female	total	male	female	total	male	female	total	male	female	all	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Rural:													
OAME	104004	1378	105382	1059	0	1059	28509	7879	36388	133572	9257	142829	698
NDME	10305	19	10324	14584	0	14584	1582	0	1582	26471	19	26490	234
DME	738	0	738	2518	0	2518	0	0	0	3256	0	3256	91
<b>TOTAL</b>	<b>115407</b>	<b>1397</b>	<b>116444</b>	<b>18161</b>	<b>0</b>	<b>18161</b>	<b>30091</b>	<b>7879</b>	<b>37970</b>	<b>163299</b>	<b>9276</b>	<b>172575</b>	<b>1023</b>
Urban:													
OAME	44124	612	44736	0	0	0	12510	1251	13761	56634	1863	58497	818
NDME	44233	299	44532	95300	1294	96594	3965	67	4032	143498	1660	145158	1364
DME	9681	0	9681	48332	7	48339	1836	0	1836	59849	7	59856	1413
<b>TOTAL</b>	<b>98038</b>	<b>911</b>	<b>98949</b>	<b>143632</b>	<b>1301</b>	<b>144933</b>	<b>18311</b>	<b>1318</b>	<b>19629</b>	<b>259981</b>	<b>3530</b>	<b>263511</b>	<b>3595</b>
Combined:													
OAME	148128	1990	150118	1059	0	1059	41019	9130	50149	190206	11120	201326	1516
NDME	54538	318	54856	109884	1294	111178	5547	67	5614	169969	1679	171648	1598
DME	10419	0	10419	50850	7	50857	1836	0	1836	63105	7	63112	1504
<b>TOTAL</b>	<b>213085</b>	<b>2308</b>	<b>215393</b>	<b>161793</b>	<b>1301</b>	<b>163094</b>	<b>48402</b>	<b>9197</b>	<b>57599</b>	<b>423280</b>	<b>12806</b>	<b>436086</b>	<b>4618</b>

**Table : 7 Estimated Number of workers engaged in manufacturing enterprises by nature of employment, sex and sector**

Sector & Ent. type	Estimated no. of workers										
	full time			part time			all			number of enterprises	
	male	female	total	male	female	total	male	female	total	sample	estimated
1	2	3	4	5	6	7	8	9	10	11	12
<b>Rural:</b>											
OAME	120666	4077	124743	12906	5180	18086	133572	9257	142829	440	97130
NDME	26464	12	26476	7	7	14	26471	19	26490	80	10235
DME	3256	0	3256	0	0	0	3256	0	3256	11	384
<b>TOTAL</b>	<b>150386</b>	<b>4089</b>	<b>154475</b>	<b>12913</b>	<b>5187</b>	<b>18100</b>	<b>163299</b>	<b>9276</b>	<b>172575</b>	<b>531</b>	<b>107749</b>
<b>Urban:</b>											
OAME	53374	1101	54475	3260	762	4022	56634	1863	58497	578	43508
NDME	142755	1402	144157	743	258	1001	143498	1660	145158	424	43681
DME	59691	7	59698	158	0	158	59849	7	59856	173	8257
<b>TOTAL</b>	<b>255820</b>	<b>2510</b>	<b>258330</b>	<b>4161</b>	<b>1020</b>	<b>5181</b>	<b>259981</b>	<b>3530</b>	<b>263511</b>	<b>1175</b>	<b>95446</b>
<b>Combined:</b>											
OAME	174040	5178	179218	16166	5942	22108	190206	11120	201326	1018	140638
NDME	169219	1414	170633	750	265	1015	169969	1679	171648	504	53916
DME	62947	7	62954	158	0	158	63105	7	63112	184	8641
<b>TOTAL</b>	<b>406206</b>	<b>6599</b>	<b>412805</b>	<b>17074</b>	<b>6207</b>	<b>23281</b>	<b>423280</b>	<b>12806</b>	<b>436086</b>	<b>1706</b>	<b>203195</b>

**Table 8: Estimated value (in Rs.) of fixed assets by enterprises type and sector-wise**

Sector & Ent. type	Market value of assets										number of Enterprises		Total assets
	OWNED					HIRED					Sample	Estd.	
	L. & B.	P. & M.	T. E.	others	total	L. & B.	P. & M.	T. E.	others	total			
1	2	3	4	5	6	7	8	9	10	11	12	13	
Rural:													
OAME	3884067900	1050648750	120551400	169429835	5224697885	475436400	0	0	0	475436400	440	97130	5700134285
NDME	1281221000	131741500	9706800	21068350	1443737650	145992500	0	0	0	145992500	80	10235	1589730150
DME	81400000	41120000	10388000	4800400	137708400	33300000	0	0	0	33300000	11	384	171008400
<b>TOTAL</b>	<b>5246688900</b>	<b>1223510250</b>	<b>140646200</b>	<b>195298585</b>	<b>6806143935</b>	<b>654728900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>654728900</b>	<b>531</b>	<b>107749</b>	<b>7460872835</b>
Urban:													
OAME	3024457000	873759850	74330900	241474370	4214022120	2216558000	0	0	0	2216558000	578	43508	6430580120
NDME	8005754000	4600570800	121766550	850278050	13578369400	1496507000	0	0	0	1496507000	424	43681	15074876400
DME	4411085000	1540179284	222733000	331032100	6505029384	249330000	0	0	0	249330000	173	8257	6754359384
<b>TOTAL</b>	<b>15441296000</b>	<b>7014509934</b>	<b>418830450</b>	<b>1422784520</b>	<b>24297420904</b>	<b>3962395000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3962395000</b>	<b>1175</b>	<b>95446</b>	<b>28259815904</b>
Combined:													
OAME	6908524900	1924408600	194882300	410904205	9438720005	2691994400	0	0	0	2691994400	1018	140638	12130714405
NDME	9286975000	4732312300	131473350	871346400	15022107050	1642499500	0	0	0	1642499500	504	53916	16664606550
DME	4492485000	1581299284	233121000	335832500	6642737784	282630000	0	0	0	282630000	184	8641	6925367784
<b>TOTAL</b>	<b>20687984900</b>	<b>8238020184</b>	<b>559476650</b>	<b>1618083105</b>	<b>31103564839</b>	<b>4617123900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4617123900</b>	<b>1706</b>	<b>203195</b>	<b>35720688739</b>

L & B. = Land and Building, P & M= Plant and Machinery, T.E. =Transport Equipments.

**Table 9: Estimated value (in Rs.) of net addition to fixed assets during last 365 days and annual rent paid by enterprises**

Sector & Ent. type	Market value of assets										number of enterprises	
	Addition of fixed assets					Rent payable					sample	estim- ated
	land & building	plant & machinery	transport equipment	others	total	land & building	plant & machinery	transport equipment	others	total		
1	2	3	4	5	6	7	8	9	10	11	12	
Rural:												
OAME	0	293200	3090000	437060	3820260	2887710	0	0	0	2887710	440	97130
NDME	10500	0	0	241350	251850	1237000	0	0	0	1237000	80	10235
DME	0	5040000	0	1488000	6528000	1387500	0	0	0	1387500	11	384
<b>TOTAL</b>	<b>10500</b>	<b>5333200</b>	<b>3090000</b>	<b>2166410</b>	<b>10600110</b>	<b>5512210</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5512210</b>	<b>531</b>	<b>107749</b>
Urban:												
OAME	0	254825	0	679825	934650	11341030	0	0	0	11341030	578	43508
NDME	4020000	1794300	0	1417350	7231650	8978100	0	0	0	8978100	424	43681
DME	0	0	0	0	0	2186340	0	0	0	2186340	173	8257
<b>TOTAL</b>	<b>4020000</b>	<b>2049125</b>	<b>0</b>	<b>2097175</b>	<b>8166300</b>	<b>22505470</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22505470</b>	<b>1175</b>	<b>95446</b>
Combined:												
OAME	0	548025	3090000	1116885	4754910	14228740	0	0	0	14228740	1018	140638
NDME	4030500	1794300	0	1658700	7483500	10215100	0	0	0	10215100	504	53916
DME	0	5040000	0	1488000	6528000	3573840	0	0	0	3573840	184	8641
<b>TOTAL</b>	<b>4030500</b>	<b>7382325</b>	<b>3090000</b>	<b>4263585</b>	<b>18766410</b>	<b>28017680</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28017680</b>	<b>1706</b>	<b>203195</b>

**Table: 10 Number of manufacturing enterprises registered under different act by enterprise type & sector-wise**

Sector & enterprises type	manufacturing enterprises by agency of registration											
	Not registered	MCD	khadi & village industry commission	coir board	silk board	jute commission	State Directorate of industries	development commissioner handicraft	section 85 of factories act	others	all	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Rural:</b>												
OAME	96960	68	24	0	0	0	78	0	0	0	97130	440
NDME	9571	147	63	0	0	0	454	0	0	0	10235	80
DME	308	0	16	0	0	0	0	0	60	0	384	11
<b>TOTAL</b>	<b>106839</b>	<b>215</b>	<b>103</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>532</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>107749</b>	<b>531</b>
<b>Urban:</b>												
OAME	30925	6066	113	192	0	0	6185	0	27	0	43508	578
NDME	14069	6717	267	0	0	0	22212	0	58	358	43681	424
DME	1526	1278	78	0	0	0	5361	0	0	14	8257	173
<b>TOTAL</b>	<b>46520</b>	<b>14061</b>	<b>458</b>	<b>192</b>	<b>0</b>	<b>0</b>	<b>33758</b>	<b>0</b>	<b>85</b>	<b>372</b>	<b>95446</b>	<b>1175</b>
<b>Combined:</b>												
OAME	127885	6134	137	192	0	0	6263	0	27	0	140638	1018
NDME	23640	6864	330	0	0	0	22666	0	58	358	53916	504
DME	1834	1278	94	0	0	0	5361	0	60	14	8641	184
<b>TOTAL</b>	<b>153359</b>	<b>14276</b>	<b>561</b>	<b>192</b>	<b>0</b>	<b>0</b>	<b>34290</b>	<b>0</b>	<b>145</b>	<b>372</b>	<b>203195</b>	<b>1706</b>

**Table 11: Number of manufacturing enterprises by maintenance of accounts**

Sector & enterprise type	manufacturing enterprises by maintenance of accounts				
	Yes	No	n.r.	all	sample
1	2	3	4	5	6
Rural:					
OAME	11341	85789	0	97130	440
NDME	6007	4228	0	10235	80
DME	104	280	0	384	11
<b>TOTAL</b>	<b>17452</b>	<b>90297</b>	<b>0</b>	<b>107749</b>	<b>531</b>
Urban:					
OAME	7127	36381	0	43508	578
NDME	29740	13941	0	43681	424
DME	6434	1823	0	8257	173
<b>TOTAL</b>	<b>43301</b>	<b>52145</b>	<b>0</b>	<b>95446</b>	<b>1175</b>
Combined:					
OAME	18468	122170	0	140638	1018
NDME	35747	18169	0	53916	504
DME	6538	2103	0	8641	184
<b>TOTAL</b>	<b>60753</b>	<b>142442</b>	<b>0</b>	<b>203195</b>	<b>1706</b>

**Table:12 Number of manufacturing enterprises by agency of purchase of basic input**

Sector & Enterprise type	manufacturing enterprises by agency of purchase								Sample
	Government	co-op society	private enterprise	contractor/ middlemen	private household	No source	others	All	
1	2	3	4	5	6	7	8	9	10
<b>Rural:</b>									
OAME	14	1736	50111	105	25779	7568	11817	97130	440
NDME	0	38	8825	0	959	172	241	10235	80
DME	0	0	134	16	234	0	0	384	11
<b>TOTAL</b>	<b>14</b>	<b>1774</b>	<b>59070</b>	<b>121</b>	<b>26972</b>	<b>7740</b>	<b>12058</b>	<b>107749</b>	<b>531</b>
<b>Urban:</b>									
OAME	0	545	31200	0	3872	7412	479	43508	578
NDME	2	0	35191	253	1268	6597	370	43681	424
DME	54	0	6016	45	372	1135	635	8257	173
<b>TOTAL</b>	<b>56</b>	<b>545</b>	<b>72407</b>	<b>298</b>	<b>5512</b>	<b>15144</b>	<b>1484</b>	<b>95446</b>	<b>1175</b>
<b>Combined:</b>									
OAME	14	2281	81311	105	29651	14980	12296	140638	1018
NDME	2	38	44016	253	2227	6769	611	53916	504
DME	54	0	6150	61	606	1135	635	8641	184
<b>TOTAL</b>	<b>70</b>	<b>2319</b>	<b>131477</b>	<b>419</b>	<b>32484</b>	<b>22884</b>	<b>13542</b>	<b>203195</b>	<b>1706</b>

**Table 13: Number of manufacturing enterprises by destination agency for sale**

Sector & enterprise type	manufacturing enterprises by agency of sale								Sample
	Government	Co-op. society	Private Enterprise	Contractor/ middlemen	Private household	No Source	Others	All	
1	2	3	4	5	6	7	8	9	10
Rural:									
OAME	56	1750	8781	1313	71368	0	13862	97130	440
NDME	0	14	818	0	8049	0	1354	10235	80
DME	0	0	111	32	241	0	0	384	11
<b>TOTAL</b>	<b>56</b>	<b>1764</b>	<b>9710</b>	<b>1345</b>	<b>79658</b>	<b>0</b>	<b>15216</b>	<b>107749</b>	<b>531</b>
Urban:									
OAME	0	138	10640	132	23145	0	9453	43508	578
NDME	0	28	19181	207	9389	0	14876	43681	424
DME	39	0	5034	24	1189	0	1971	8257	173
<b>TOTAL</b>	<b>39</b>	<b>166</b>	<b>34855</b>	<b>363</b>	<b>33723</b>	<b>0</b>	<b>26380</b>	<b>95446</b>	<b>1175</b>
Combined:									
OAME	56	1888	19421	1445	94513	0	23315	140638	1018
NDME	0	42	19999	207	17438	0	16230	53916	504
DME	39	0	5145	56	1430	0	1971	8641	184
<b>TOTAL</b>	<b>95</b>	<b>1930</b>	<b>44565</b>	<b>1708</b>	<b>113381</b>	<b>0</b>	<b>41516</b>	<b>203195</b>	<b>1706</b>

**Table 14 : Number of manufacturing enterprises receiving assistance**

Sector & enterprise type	manufacturing enterprises receiving assistance									Sample
	Financial loan	subsidy	machinery	training	marketing	procurement of raw	others	No assistance material	All	
1	2	3	4	5	6	7	8	9	10	11
Rural:										
OAME	2636	292	0	0	0	0	8256	85946	97130	440
NDME	194	28	19	0	0	0	283	9711	10235	80
DME	28	0	16	0	0	0	0	340	384	11
<b>TOTAL</b>	<b>2858</b>	<b>320</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8539</b>	<b>95997</b>	<b>107749</b>	<b>531</b>
Urban:										
OAME	673	2061	31	0	66	247	696	39734	43508	578
NDME	796	91	36	0	72	0	916	41770	43681	424
DME	320	129	11	16	0	0	151	7630	8257	173
<b>TOTAL</b>	<b>1789</b>	<b>2281</b>	<b>78</b>	<b>16</b>	<b>138</b>	<b>247</b>	<b>1763</b>	<b>89134</b>	<b>95446</b>	<b>1175</b>
Combined:										
OAME	3309	2353	31	0	66	247	8952	125680	140638	1018
NDME	990	119	55	0	72	0	1199	51481	53916	504
DME	348	129	27	16	0	0	151	7970	8641	184
<b>TOTAL</b>	<b>4647</b>	<b>2601</b>	<b>113</b>	<b>16</b>	<b>138</b>	<b>247</b>	<b>10302</b>	<b>185131</b>	<b>203195</b>	<b>1706</b>

**Table:15 Number of manufacturing enterprises facing problem by enterprise type & sector-wise**

Sector & Enterprise Type	Manufacturing enterprises facing problem							All	Sample
	Non avail. of elect. Connection	Power Cut	shortage of capital	Non. avail. of raw materials	Marketing of product	any other problem	not facing any problem		
1	2	3	4	5	6	7	8	9	10
Rural:									
OAME	7583	45200	41655	14847	13446	20707	23194	166632	440
NDME	3449	5865	5554	516	3897	1919	2463	236630	80
DME	0	16	139	123	12	78	40	408	11
<b>TOTAL</b>	<b>11032</b>	<b>51081</b>	<b>47348</b>	<b>15486</b>	<b>17335</b>	<b>22704</b>	<b>25697</b>	<b>190703</b>	<b>531</b>
Urban:									
OAME	1717	18498	24250	1827	7369	7105	8975	69741	578
NDME	841	34605	11802	1758	26600	4238	4405	84249	424
DME	217	7235	1049	202	2397	294	542	11936	173
<b>TOTAL</b>	<b>2775</b>	<b>60338</b>	<b>37101</b>	<b>3787</b>	<b>36366</b>	<b>11637</b>	<b>13922</b>	<b>165926</b>	<b>1175</b>
Combined:									
OAME	9300	63698	65905	16674	20815	27812	32169	236373	1018
NDME	4290	40470	17356	2274	30497	6157	6868	107912	504
DME	217	7251	1188	325	2409	372	582	12344	184
<b>TOTAL</b>	<b>13807</b>	<b>111419</b>	<b>84449</b>	<b>19273</b>	<b>53721</b>	<b>34341</b>	<b>39619</b>	<b>356629</b>	<b>1706</b>

**Table 15: Annual estimated value (in Rs.) of different items of input during last 30 days by enterprises type and sector**

Sector & Ent. type	market value of input														number of enterprises	
	raw materials consumed	expen. on trade & other act.	electri- city	fuel & fabricant	cost of own constr.	minor repair & mainte.	service change for working by others	inward transport	communi- cation	consum- able goods	paper printing and stationary	distri- exp.	others	total Input	sample	estimated
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Rural:																
OAME	151960900	1054700	34021293	17836756	0	8204665	800070	4648075	112420	3147819	890225	740340	6442170	229859433	440	97130
NDME	71319932	1683000	8204884	1709073	0	1342745	20500	1889570	315010	371015	127565	152300	1056415	88192009	80	10235
DME	73689640	0	1308920	1199880	0	150000	6174000	4326200	39400	126000	5880	630000	144200	87794120	11	384
TOTAL	296970472	2737700	43535097	20745709	0	9697410	6994570	10863845	466830	3644834	1023670	1522640	7642785	405845562	531	107749
Urban:																
OAME	489931319	11589740	19003478	3712838	0	1618800	307766	2679725	767005	2770174	794710	141900	4610332	537927787	578	43508
NDME	827241332	5654422	63347372	13527773	38000	4797510	368250	10464035	5478385	3497330	1117162	1307740	4353802	941193113	424	43681
DME	691618863	428000	23790154	3908485	0	1668245	70020	4065790	3089840	2897395	501565	520000	2901435	735459792	173	8257
TOTAL	2008791514	17672162	106141004	21149096	38000	8084555	746036	17209550	9335230	9164899	2413437	1969640	11865569	2214580692	1175	95446
Combined:																
OAME	641892219	12644440	53024771	21549594	0	9823465	1107836	7327800	879425	5917993	1684935	882240	11052502	767787220	1018	140638
NDME	898561264	7337422	71552256	15236846	38000	6140255	388750	12353605	5793395	3868345	1244727	1460040	5410217	1029385122	504	53916
DME	765308503	428000	25099074	5108365	0	1818245	6244020	8391990	3129240	3023395	507445	1150000	3045635	823253912	184	8641
TOTAL	2305761986	204409862	149676101	41894805	38000	17781965	7740606	28073395	9802060	12809733	3437107	3492280	19508354	2620426254	1706	203195

**Table: 16 Annual estimated value (in Rs.) of different items of output during last 30 days by enterprise type & sector.**

Sector & enterprise type	annual gross value of receipt (in Rs.) per enterprise										number of enterprises	
	products & by products manufactured	change in stock of semi finished goods	receipt from trading	receipt from service	market value of own. const.	consumption of goods for own use	rent receivable from fixed assets	other receipt	donation received	total receipts	sample	estimated
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Rural:</b>												
OAME	417295745	29499985	1263800	152474555	0	5196105	13400	0	4972350	610715940	440	97130
NDME	155172030	9158300	1856400	14087100	0	632700	0	0	213500	181120030	80	10235
DME	106053600	2908000	0	140000	0	12600	0	0	210000	109324200	11	384
<b>TOTAL</b>	<b>678521375</b>	<b>41566285</b>	<b>3120200</b>	<b>166701655</b>	<b>0</b>	<b>5841405</b>	<b>13400</b>	<b>0</b>	<b>5395850</b>	<b>901160170</b>	<b>531</b>	<b>107749</b>
<b>Urban:</b>												
OAME	651079190	52141720	14840700	87793120	0	1550365	4400	0	5685615	813095110	578	43508
NDME	1303224190	55093830	11064400	157864025	0	1674920	3000	0	4348150	1533272515	424	43681
DME	846515725	159285950	489600	42427400	0	986000	0	0	240000	1049944675	173	8257
<b>TOTAL</b>	<b>2800819105</b>	<b>266521500</b>	<b>26394700</b>	<b>288084545</b>	<b>0</b>	<b>4211285</b>	<b>7400</b>	<b>0</b>	<b>10273765</b>	<b>3396312300</b>	<b>1175</b>	<b>95446</b>
<b>Combined:</b>												
OAME	1068374935	81641705	16104500	240267675	0	6746470	17800	0	10657965	1423811050	1018	140638
NDME	1458396220	64252130	12920800	171951125	0	2307620	3000	0	4561650	1714392545	504	53916
DME	952569325	162193950	489600	42567400	0	998600	0	0	450000	1159268875	184	8641
<b>TOTAL</b>	<b>3479340480</b>	<b>308087785</b>	<b>29514900</b>	<b>454786200</b>	<b>0</b>	<b>10052690</b>	<b>20800</b>	<b>0</b>	<b>15669615</b>	<b>4297472470</b>	<b>1706</b>	<b>203195</b>

**Table 17: Annual value added (in Rs.) per annum by enterprises type & sector-wise**

Sector & enterprise type	Annual value added									number of enterprises	
	Annual value added (in Rs.) method-II					Annual value added (in Rs.) Method-I				sample	estd.
	emoluments	rent	interest	net surplus	value added	total operating exp.	distrib. expenses	total receipts	value added		
1	2	3	4	5	6	7	8	9	10	11	12
<b>Rural:</b>											
OAME	11860800	34652520	26498640	4497056088	4570068048	2749429116	8884070	7328591280	4570278084	440	97130
NDME	277522560	14844000	11368800	809918676	111365036	1056476508	1827600	2173440360	1115136252	80	10235
DME	69636000	16650000	1344000	170331360	257961360	1045969440	7560000	1311890400	258360960	11	384
<b>TOTAL</b>	<b>359019360</b>	<b>66146520</b>	<b>39211440</b>	<b>5477306124</b>	<b>5941683444</b>	<b>4851875064</b>	<b>18271680</b>	<b>10813922040</b>	<b>5943775296</b>	<b>531</b>	<b>107749</b>
<b>Urban:</b>											
OAME	1104000	136092360	10250496	3172678140	3320124996	6453430644	1702800	9757141320	3302007876	578	43508
NDME	2329405680	107737200	12980028	4638443436	7088566344	11278624476	15692880	18399270180	7104952824	424	43681
DME	1571915808	26236080	29414400	2145131688	3772697976	88192775504	6240000	12599336100	3773818596	173	8257
<b>TOTAL</b>	<b>3902425488</b>	<b>270065640</b>	<b>52644924</b>	<b>9956253264</b>	<b>14181389316</b>	<b>26551332624</b>	<b>23635680</b>	<b>40755747600</b>	<b>14180779296</b>	<b>1175</b>	<b>95446</b>
<b>Combined:</b>											
OAME	12964800	170744880	36749136	7669734228	7890193044	9202859760	10586880	17085732600	7872285960	1018	140638
NDME	2606928240	122581200	24348828	5448362112	8202220380	12335100984	17520480	20572710540	8220089076	504	53916
DME	1641551808	42886080	30758400	2315463048	4030659336	9865246944	13800000	13911226500	4032179556	184	8641
<b>TOTAL</b>	<b>4261444848</b>	<b>336212160</b>	<b>91856364</b>	<b>15433559388</b>	<b>20123072760</b>	<b>31403207688</b>	<b>41907360</b>	<b>51569669640</b>	<b>2012454592</b>	<b>1706</b>	<b>203195</b>

Method I : Product approach, Method II: Factor Income approach

**Table : 18 Annual value added (in Rs.) per annum by enterprises type of industry wise at NIC (1998) two digit level (Rural)**

NIC code	OAME				NDME				DME				Total value added
	Total operated exp.	Distrib. exp.	Total receipts	Value added	Total operated exp.	Distrib. exp.	Total receipts	Value added	Total operated exp.	Distrib. exp.	Total receipts	Value added	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	1159173984	644400	3118598160	1958779776	550834584	1291200	920802240	368676456	622543680	0	739495200	116951520	2444407752
17	89879760	1474080	149442120	58088280	0	0	0	0	0	0	0	0	58088280
18	267403824	0	1298650320	1031246496	68582424	0	509431920	440849496	0	0	0	0	1472095992
19	70519788	448800	208872240	137903652	11253600	108000	15660000	4298400	0	0	0	0	142202052
20	26387304	0	82515480	56128176	22548600	306000	44792400	21937800	0	0	0	0	78065976
22	571200	0	1938000	1366800	0	0	0	0	0	0	0	0	1366800
24	0	0	0	0	63247140	0	108093600	44846460	0	0	0	0	44846460
26	444960600	6316800	1561039560	1109762160	0	0	0	0	381396960	7560000	518976000	130019040	1239781200
27	4152000	0	6240000	2088000	0	0	0	0	0	0	0	0	2088000
28	33093120	0	98854500	65761380	71779200	0	104810400	33031200	0	0	0	0	98792580
29	3738240	0	23683200	19944960	209247540	0	363108000	153860460	42028800	0	53419200	11390400	185195820
36	649549296	0	778757700	129208404	58983420	122400	106741800	47635980	0	0	0	0	176844384
Total	2749429116	8884080	7328591280	4570278084	1056476508	1827600	2173440360	1115136252	1045969440	7560000	1311890400	258360960	5943775296

**Table : 19 Annual value added (in Rs.) per annum by enterprises type of industry wise at NIC (1998) two digit level (Urban)**

NIC code	OAME				NDME				DME				Total value added
	Total operated exp.	Distrib. exp.	Total receipts	Value added	Total operated exp.	Distrib. exp.	Total receipts	Value added	Total operated exp.	Distrib. exp.	Total receipts	Value added	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
01	0	0	0	0	8091648	0	11256000	3164352	2177820000	0	2347920000	170100000	173264352
15	962169000	234000	1550795340	588392340	1221309300	2762880	1952459700	728387520	338148240	0	427099800	88951560	1405731420
17	12902940	0	44803440	31900500	402680700	0	494508000	91827300	2231116500	84000	3123756000	892555500	1016283300
18	154294608	0	700358340	546063732	182921328	0	970123440	787202112	104929716	0	347005800	242076084	1575341928
19	105718404	268800	190150200	84162996	174864024	662400	226020600	50494176	58860840	0	82392000	23531160	158188332
20	105057156	0	168113640	63056484	704859840	0	895634400	190774560	87294300	0	152098500	64804200	318635244
21	4701120	0	1269600	7994880	937800	0	2160000	1222200	120291000	876000	302892000	181725000	190942080
22	42275076	0	121467480	79192404	193049100	552000	390271200	196670100	498464400	0	822916800	324452400	600314904
23	0	0	0	0	2511600	0	4692000	2180400	0	0	0	0	2180400
24	1235520	0	2937600	1702080	63356640	1080000	88886400	24449760	79160400	672000	106668000	26835600	52987440
25	68220840	48000	219409200	151140360	4515541860	58800	6780651600	2265050940	936939240	36000	1445544000	508568760	2924760060
26	20061084	0	56055660	35994576	1159200	0	2754000	1594800	9523800	0	25272000	15748200	53337576
27	1887390636	0	2436985200	549594564	104442720	0	153522000	49079280	186986400	714000	267732000	80031600	678705444
28	258637296	1152000	759470400	499681104	1835371668	228000	3813034080	1977434412	1443454488	1377600	2274474000	829641912	3306757428
29	2912280	0	8546400	5634120	276848040	1359600	412884000	143676360	245578680	1190400	380389200	133620120	282930600
30	0	0	0	0	0	0	0	0	3042000	0	4680000	1638000	1638000
31	371040	0	954720	583680	34524000	0	77544000	43020000	24361200	66000	56496000	31474800	75078480
34	0	0	0	0	7172160	0	20367600	13195440	39361800	378000	63612000	23872200	37067640
35	0	0	0	0	62282520	0	118370400	56087880	181548000	0	283176000	101628000	157715880
36	2826567804	0	3477719700	65151896	1479442728	8989200	1964882760	476450832	36463800	0	54972000	18508200	1146110928
37	915840	0	6678000	5762160	7257600	0	10248000	2990400	15932700	252000	30240000	14055300	22807860
Total	6453430644	1702800	9757141320	3302007876	11278624476	15692880	18399270180	7104952824	8819277504	6240000	12599336100	3773818596	14180779296

**Table : 20 Annual value added (in Rs.) per annum by enterprises type of industry wise at NIC (1998) two digit level (Combined)**

NIC code	OAME				NDME				DME				Total value added
	Total operated exp.	Distrib. exp.	Total receipts	Value added	Total operated exp.	Distrib. exp.	Total receipts	Value added	Total operated exp.	Distrib. exp.	Total receipts	Value added	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
01	0	0	0	0	8091648	0	11256000	3164352	2177820000	0	2347920000	170100000	173264352
15	2121342984	878400	4669393500	2547172116	1772143884	4054080	2873261940	1097063976	960691920	0	1166595000	205903080	3850139172
17	102782700	1474080	194245560	194245560	402680700	0	494508000	91827300	2231116500	84000	3123756000	892555500	1074371580
18	421698432	0	1999008660	1577310228	251503752	0	147955360	1228051608	104929716	0	347005800	242076084	3047437920
19	176238192	717600	399022440	222066648	186117624	770400	241680600	54792576	58860840	0	82392000	23531160	300390384
20	131444460	0	250629120	119184660	727408440	306000	940426800	212712360	87294300	0	152098500	64804200	396701220
21	4701120	0	12696000	7994880	937800	0	2160000	1222200	120291000	876000	30289200	181725000	190942080
22	42846276	0	123405480	80559204	193049100	552000	390271200	196670100	498464400	0	822916800	324452400	601681704
23	0	0	0	0	2511600	0	4692000	2180400	0	0	0	0	2180400
24	1235520	0	2937600	1702080	126603780	1080000	196980000	69296220	79160400	672000	106668000	26835600	97833900
25	68220840	48000	219409200	151140360	4515541860	58800	6780651600	2265050940	936939240	36000	1445544000	508568760	2924760060
26	465021684	6316800	1617095220	1145756736	1159200	0	2754000	1594800	390920760	7560000	544248000	145767240	1293118776
27	1891542636	0	2443225200	551682564	104442720	0	153522000	49079280	186986400	714000	267732000	80031600	680793444
28	291730416	1152000	858324900	565442484	1907150868	228000	3917844480	2010465612	1443454488	1377600	2274474000	829641912	3405550008
29	6650520	0	32229600	25579080	486095580	1359600	784992000	297536820	287607480	1190400	433808400	145010520	468126420
30	0	0	0	0	0	0	0	0	3042000	0	4680000	1638000	1638000
31	371040	0	954720	583680	34524000	0	77544000	43020000	24361200	660000	56496000	31474800	75078480
34	0	0	0	0	7172160	0	20367600	13195440	39361800	378000	63612000	23872200	37067640
35	0	0	0	0	62282520	0	118370400	56087880	181548000	0	283176000	101628000	157715880
36	3476117100	0	4256477400	780360300	1538426148	9111600	2071627560	524086812	36463800	0	54972000	18508200	1322955312
37	915840	0	6678000	5762160	7257600	0	10248000	2990400	15932700	252000	30240000	14055300	22807860
Total	9202859760	10586880	17085732600	7872285960	12335100984	17520480	20572710540	8220089076	9865246944	13800000	13911226500	4032179556	20124554592