



GOVERNMENT OF KERALA

**REPORT ON
ECONOMIC CENSUS
1980**

**DEPARTMENT OF
ECONOMICS & STATISTICS
KERALA**

1987



The First Economic Census was conducted during 1977.

The census of non-agricultural establishments employing at least one hired worker on a fairly regular basis were covered. In the 1977 census, own account enterprises which are much more numerous were not covered. Further in certain pockets in the hilly areas complete house listing could not be carried out in the 1977 census. In the Economic census of 1980 own-account enterprises were covered for the first time on a census basis. Besides the non-agricultural enterprises, the agricultural enterprises, excluding crop production and plantations, were also covered for the first time in the 1980 census. The items of information collected in 1980 census included location of the enterprises, description of the activity of the enterprises, nature of operations, type of ownership, Social group of owner, Power/fuel used for the activity and the total number of hired persons usually working in the enterprises.

The 1980 Economic Census was taken up during the period from March to December 1980 along with the house listing operations of the 1981 population census.

This report presents the result of the 1980 census for the state as a whole. District level tables are not included in this report.

This report was prepared by Sri.M.N.Rajan, Deputy Director, Evaluation Division with the assistance of Smt.K.C.Rajalakshmi, Research Assistant in the preparation of tables.

I would like to place my appreciation to all those who have contributed in various ways to the conduct of the state wide census. They include village level and Municipal staff and the supervisors who were engaged in the field work, the staff and supervisors of the Mechanical Tabulation unit of this directorate who punched the cards, the university computer centre who undertook the task of preparation of validated tape and the computer centre, Department of Statistics, Central Statistical Organisation, New Delhi for their assistance in the processing of data on their computer.

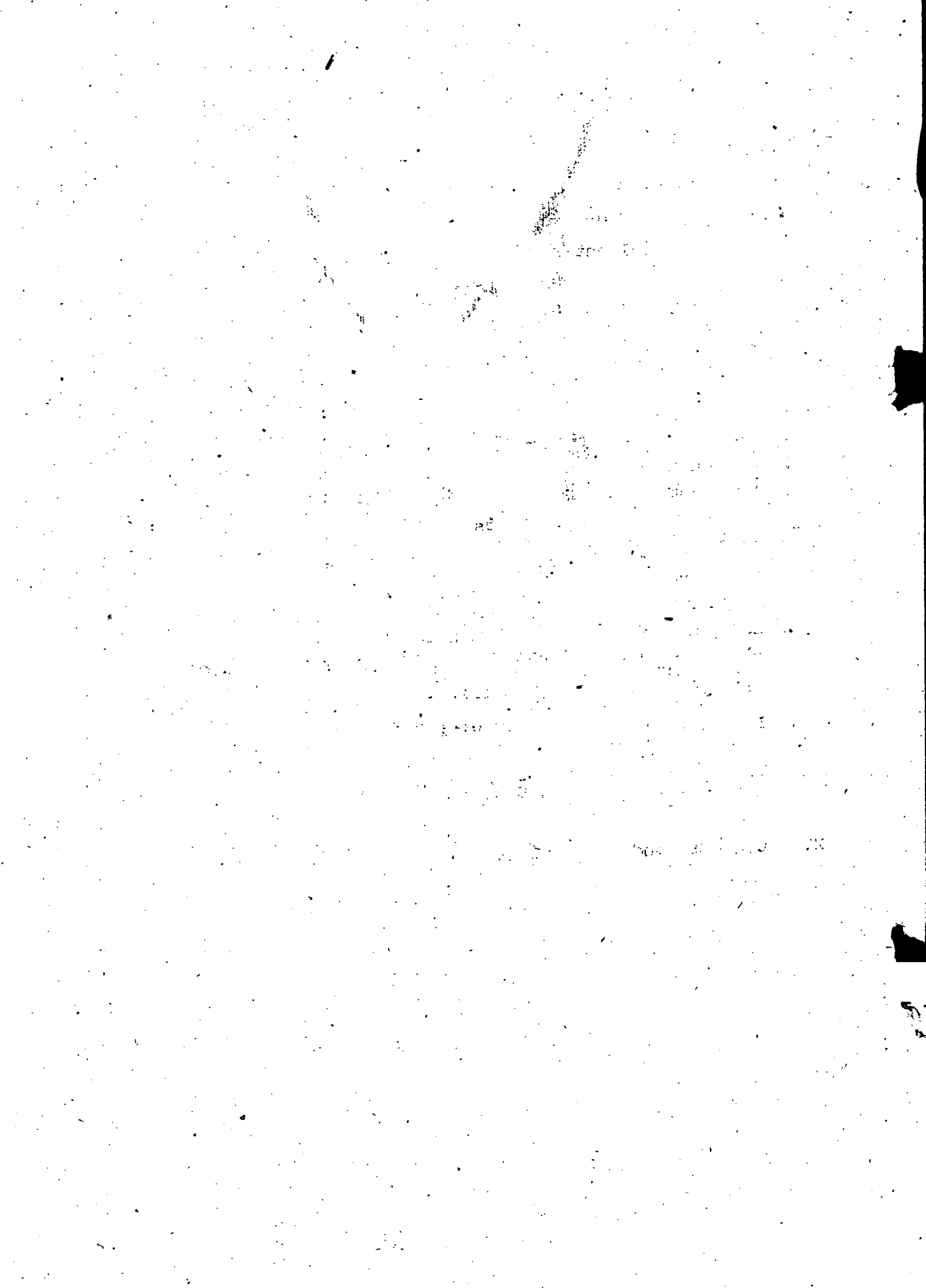
It is hoped that the information furnished in this report will be useful to administrators, Planners, research workers and scholars.

K. BALAKRISHNAN NAIR,
DIRECTOR OF ECONOMICS AND STA-
TISTICS.



CONTENTS

<u>CHAPTER</u>	<u>Page</u>
I. Introduction :	1-6
II. Results at a glance :	7-14
III. Agricultural enterprises :	15-22
IV. Non-agricultural enterprises :	23-70
V. Summary of results :	70-72
 <u>ANNEX</u>	
I. House list :	73
II. Enterprise list :	74
III. Enterprise list abstract :	75-76
IV. Summary statement :	77-92
V. Description of major economic activities :	93
VI. List of activities for which the principal characteristics of agricultural own account enterprises/ establishments are classified. :	94
VII. List of activities for which the principal characteristics of non-agricultural own account enterprises/ establishments are classified. :	95-101
VIII. List of agricultural activities for which B series tables are prepared :	102
IX. List of groups of non-agricultural activities for which B series tables are prepared :	103-106
X. Concepts and definitions :	107-109



CHAPTER - 1.

INTRODUCTION

The Central Statistical Organisation has taken a major step during 1977 in collaboration with the State Statistical Bureau, to remove data gaps in the unorganised sectors of non-agricultural economy covering unregistered manufacturing, trade, transport and services by launching a Central Plan Scheme on Economic Census and Surveys. The census of non-agricultural establishments employing at least one hired worker on a fairly regular basis was carried out in the last quarter of 1977 to collect basic items of information such as description of activity, number of persons usually working, type of ownership, etc. Following the census, sample surveys of selected establishments in different sectors, based on the census frame, were taken up during 1978-79 and 1979-80, to collect more detailed information relating to quantity and value of inputs, outputs, investment, movements, employment, etc. The non-factory manufacturing sector was covered during 1978-79 and the sectors of trade, transport, hotels and restaurants, storage and warehousing and services were covered during 1979-80. The small establishments and own-account or self-employed enterprises were surveyed by the National Sample Survey Organisation as part of their normal 33rd and 34th rounds, while the largest establishments were surveyed by the special staff appointed under the scheme in both the Centre and the States.

Need for repeat Census.

1.2. As the census coverage large number of small units which are subject to high rates of mobility and mortality and variation in output and turnover, the census has to be conducted at frequent intervals. The five year interval is considered to be minimum essential for conducting the census periodically. Thus, the Second Economic Census would have normally been due in 1982. The economic census operations include listing of addresses of enterprises through houselisting and as the countrywide houselisting operations are conducted in 1980 as a prelude to 1981 Population Census, it was considered beneficial to organise Second Economic Census in 1980 in conjunction with the houselisting operations in the overall interest of economy and ease of operations.

/contd....2..



Scope and Coverage.

1.3. This synchronisation provided wider scope and coverage. In the 1977 Economic Census, own-account enterprises which are much more numerous were not covered. Further, in certain pockets in the hilly areas, complete houselisting could not be carried out. In the context of generation of more employment opportunities, it was considered essential to collect information on own-account enterprises also. Thus, in the Economic Census of 1980, own-account enterprises were covered for the first time on a census basis. Besides, the non-agricultural enterprises, agricultural enterprises excluding crop production and plantations, were covered for the first time in 1980 Economic Census. The items of information collected included location of the enterprise, description of the activity of the enterprise, nature of operations, type of ownership, social group of owner, power/fuel used for the activity, and the total number and the number of hired persons usually working in the enterprise. The need for essential minimum items, simplicity and experience gained in the first Economic Census have been taken into account in designing the collection of various items of information in 1980 Economic Census.

Definition of an Enterprise.

1.4. For the purpose of Economic Census, an enterprise is defined as an undertaking engaged in production and/or distribution of goods and/or services not for the sole purpose of own consumption. An agricultural enterprise is defined as one engaged in livestock production, agricultural services, hunting, trapping and game propagation, forestry and logging and fishing (corresponding to the major groups 02,03,04,05 and 06 of National Industrial Classification 1970.) Enterprises engaged in activities pertaining to agricultural production and plantation (codes 00 and 01 of NIC 1970) were not covered under the census. Enterprises engaged in all other activities are termed as non-agricultural enterprises.

Planning for the Census.

1.5. A good deal of spade work had to be carried out for organising the census. A Technical Advisory Group of experts both in the Central and State Governments and non-government research and user organisation was constituted to guide the project. The forms to be canvassed were finalised taking into account the experience of 1977 economic census and the houselist form designed for the houselisting operations of the population census.

(The text in this block is extremely faint and illegible, appearing to be a header or introductory paragraph.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

(The text in this block is extremely faint and illegible, appearing to be a paragraph of the document.)

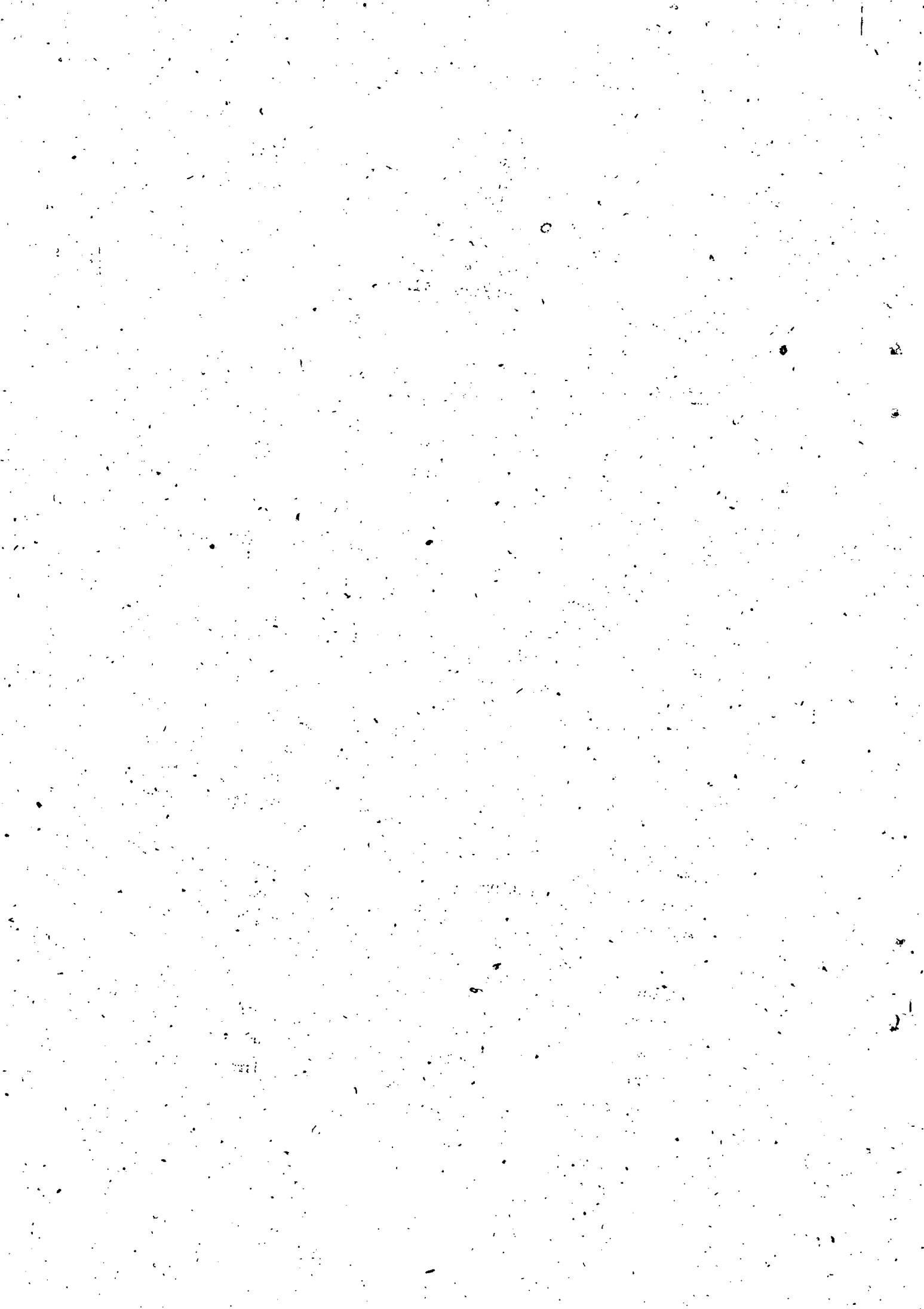
FORMS.

1.6. The forms used in the census were the following (copy of which are given in annexure I to IV)

- I) House List
- II) Enterprise List (EL)
- III) Enterprise List Abstract (ELA)
- IV) Summary Statement.

Operations.

1.7. The Economic Census was carried out in the State along with the houselisting operations of the 1981 ^{Population} census during the period March-May 1980. In the houselisting operations, after numbering the buildings and the houses, information on the purpose for which the census house is used and whether the household is engaged in any entrepreneurial activity outside the census house and without premises, was also collected by the enumerator. The part-time services of locally drawn personnel such as Village Assistants, Panchayat Assistants, forest and municipal workers and other town level workers who were appointed as enumerators, were used for the listing operations. The local officials of slightly senior levels were appointed as supervisors. The Registrar General and the Census Commissioner of India and the State Directors of Census Operations were responsible for the organisation and co-ordination of the field operations. The overall responsibility for technical guidance and tabulations of the Economic Census data rests with the Central Statistical Organisation in co-operation with the State Directorate of Economics and Statistics. The operations of Economic Census and houselisting at the State Level were totally co-ordinated between the Director of Census Operations and the Director of State Statistical Departments and their officers and staff. The District level Statistical Officers were designated as Additional District Census Officers. A common intensive training programme was organised both for houselisting of the population Census as well as Enterprise List of Economic Census at State, district and charge levels. The technical and other aspects of organisation of the census were also reviewed at the meetings of Directors of State Statistical Departments and at the conferences of Directors of Census Operations.



Items of information collected.

1.8. The items of information collected in the second Economic Census included location of the enterprise, nature of operations, type of ownership, social group of owner, power/fuel used for the activity and the total number and the number of hired persons usually working in the enterprise.

Provisional results.

1.9. Arrangements were made for quick tabulation of important items in the Enterprise list by the enumerators themselves as part of the census operation. An enterprise list abstract which was prescribed to be filled up immediately after the field work in an Enumerator's block, was completed for this purpose. The aggregations of data at Taluk and District levels were done by the State Statistical Staff to provide provisional results on items such as the total number of agricultural and non-agricultural enterprises, the total and hired employment in these enterprises and selected characteristics of the enterprises. The provisional results were published in 1980.

Summary Statements.

1.10. In order to provide a frame for selection of enumeration blocks for the sample surveys to be conducted as follow up of the 1980 Economic Census, summary statement (format in Annexure IV) were prepared giving the distribution of enterprises by type of enterprise (viz. Own-account enterprise, non-directory and directory establishments) in each of the 12 major activity groups of non-agricultural economy for each enumeration block within each village in the rural areas and within each town or city in the urban areas. The twelve major activity groups are (1) Mining and Quarrying (2) Manufacturing and Repair services, (3) Electricity, gas and water, (4) Constructions; (5) Wholesale and retail trade (6) Restaurants and hotels; (7) Transport, (8) Storage and Warehousing (9) Communications, (10) Financing, insurance, real estate and business services; (11) Community social and personal services and (12) others. The activities covered by these groups are listed in Annexure V.

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

SECRET

Tabulation Plan.

1.11. The tabulation plan involved preparation of tables showing the results of the economic census under four major categories viz. (1) Agricultural own account enterprise, (2) Agricultural establishments, (3) Non-Agricultural own account enterprises, (4) Non-agricultural establishments. For each of these categories two sets of tables - A series and B series were prepared. Tables under each of the series A and B have been generated district-wise and state-wise with its break up according to rural, urban and rural and urban combined.

A Series tables.

1.12. These tables give the number of own account enterprises and establishments and their relevant characteristics, viz, (1) nature of operation, (2) type of ownership, (3) social group of owner, (4) type of power/fuel used, (5) with or without premises and (6) employment classified according to nature of economic activity. The economic activity classification followed for A series tables is given in Annexure VI for agricultural activities and in Annexure VII for non-agricultural activities. Under this series, separate tables are also prepared for private establishments and co-operative establishments.

B Series tables.

1.13. These tables show the principal characteristics of own account enterprises/establishments classified by nature of economic activity and by size of total employment. The economic activity classification adopted for B series tables is listed in Annexure VIII for agricultural activities and in Annexure IX for non-agricultural activities. For each of the minor and major activity group, there is a set of tables with employment size as the major classificatory variable. The size groups adopted for these tables depended upon the number of persons usually working in establishment/own account enterprise and the size groups for establishments were different from these for own account enterprise. The characteristics covered in these tables are the same as those recorded in tables of A series.



Definition of "power/fuel used" for preparation of A series tables was different from that for B series tables. For the purpose of A series tables, the use of (a) Electricity (b) Coal/Wood/Soft coke, (c) Petrol/diesel, (d) Gas and (e) animal power for carrying out the enterpreneurial activity was considered as "power/fuel used". For B series tables along with the first four uses listed above (i.e. a,b,c & d) the use of 'others' considered as power/fuel used .

Data Processing.

1.14. The data processing activity of the Economic Census 1980 was decentralised. The data processing was done by using the computer facility available at the University Computer, Centre, Trivandrum. The card design for transfer of data from schedules, validation and constancy checks applied on data were developed centrally and supplied to this Directorate. The data from source documents except for the district Trichur were transferred to punched cards in the Mechanical Tabulation Unit available of this Directorate. The data in respect of Trichur district was transferred to tape by the University Computer Centre. The data transferred to cards were validated on the T.D.C.316 computer available at the University Computer Centre, Trivandrum. The valid data on tapes were finally processed at the Computer Centre, Department of Statistics, New Delhi.

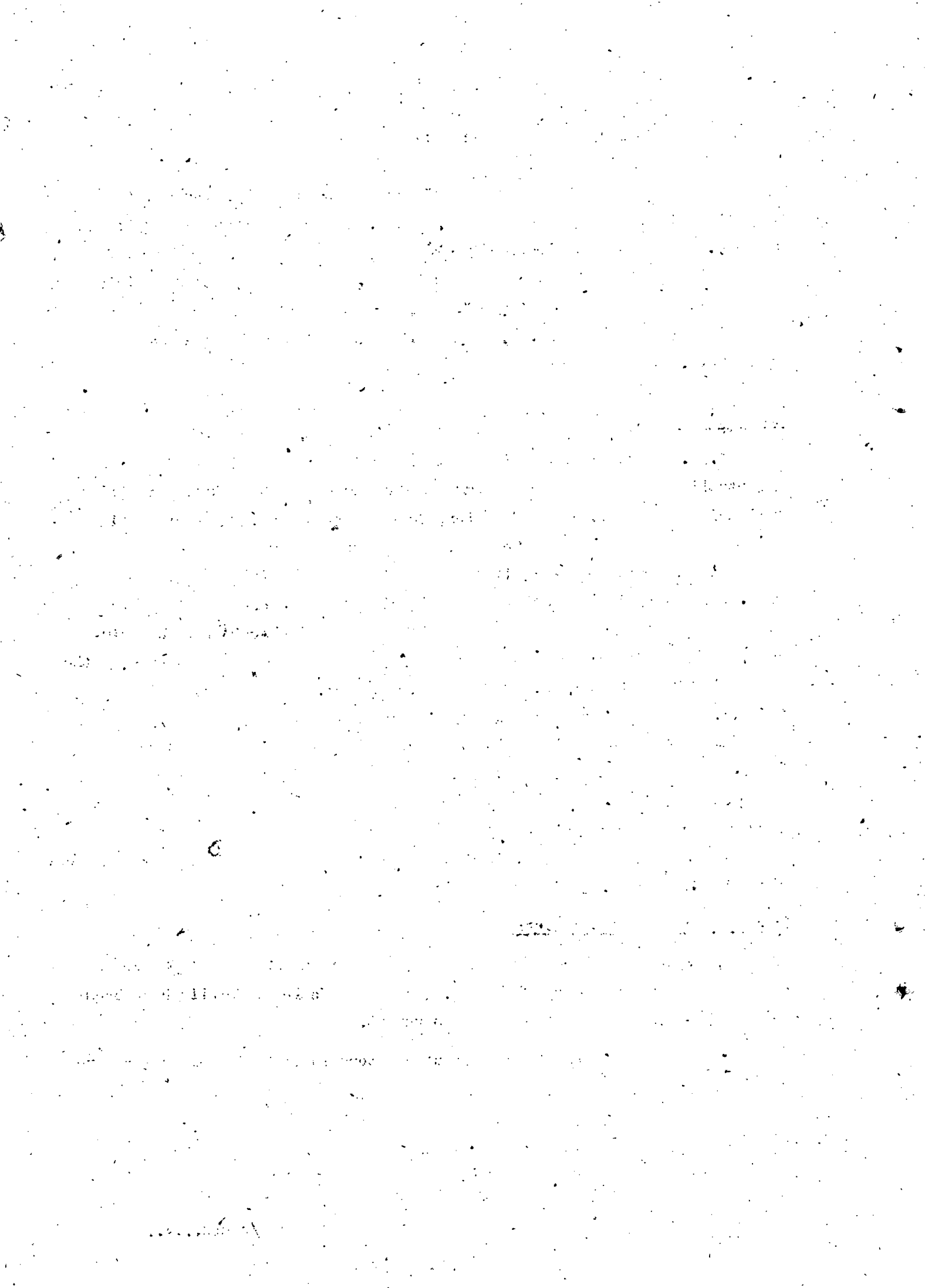
Concepts and definitions.

1.15. The concepts and definitions of the terms used in this report are given in Annexure K.

Broad contents of the report:

1.16. In the chapters that follow, the salient aspects of the census results at State Level are discussed. The district level details have been prepared, but are not included in this report.

The broad contents of the various chapters included in this report are given below:-



CHAPTER II

RESULT AT A GLANCE

The 1980 Economic Census has revealed that there were 8.72 lakh enterprises in the State engaged in different economic activities other than crop production and plantation (Codes 00 and 01 of N.C.1970) which are not covered in the Census. Out of the total enterprises, 6.59 lakhs (75.56%) were in rural areas and the remaining 2.13 lakhs (24.44%) were in urban areas. Own account enterprises i.e. enterprises which are owned and operated by household members only numbering 5.73 lakhs constitute 66.27% of the total enterprises whereas Establishments i.e. enterprises which employed at least one hired labour on a regular basis, numbering 2.94 lakhs (33.73%) formed the remaining enterprises. There were 24.52 lakh persons usually working in all enterprises of which 7.51 lakhs (30.62%) were engaged in own account enterprises and 17.01 lakhs (69.38%) in establishments. It is found that 16.03 lakhs (65.38%) persons were usually working in rural areas and 8.49 lakhs (34.62%) were in urban area. The number of hired workers is found to be 15.39 lakhs which is 62.78% of the total persons usually working. The number of hired workers in rural and urban sectors are 9.04 lakhs and 6.35 lakhs respectively. The whole enterprises are grouped as agriculture and non-agriculture. The agricultural enterprises are found to be 0.46 lakhs (5.27%) and non-agricultural enterprises 8.26 lakhs (94.73%) out of the total enterprises.

The number of enterprises and employment in rural and urban sectors are given in table 2.1.

Very truly yours,

Wm. A. Rorer

Secretary of the Board of Directors

of the Chesapeake and Ohio Canal

and is hereby notified that the Board of Directors

has approved the proposed plan of the

Board of Directors

and is hereby notified

Table 2.1. Number of enterprises and employment therein.

Type of enterprises and employment.	Rural		Urban		Total Number.
	Number	Percentage	Number	Percentage	
1	2	3	4	5	6
I. Agricultural activities (other than crop Production & plantation)					
(a) All enterprises	36061	77.84	10267	22.16	46328
(i) Own account enterprises	27767 (77.00)	79.60	7114 (69.29)	20.40	34881 (75.29)
(ii) Establishments	8294 (23.00)	72.46	3153 (30.71)	27.54	11447 (24.71)
(b) Persons usually working in enterprises					
(i) Total	59763	78.51	16354	21.49	76117
(ii) Own account enterprises	37107 (62.09)	81.21	8584 (52.49)	18.79	45691 (60.03)
(iii) Establishments	22656 (37.91)	74.46	7770 (47.51)	25.54	30426 (39.97)
(iv) Hired	17501 (29.28)	72.96	6486 (39.66)	27.04	23987 (31.51)
II. Non-Agricultural Activities.					
(a) All enterprises	622773	75.44	202796	24.56	825569
(i) Own account enterprises	432819 (69.50)	79.72	110132 (54.31)	20.28	542951 (65.77)
(ii) Establishments	189954 (30.50)	67.21	92664 (45.69)	32.79	282618 (34.23)
(b) Persons usually working in enterprises					
(i) Total	1543076	64.96	832340	35.04	2375416
(ii) Own account enterprises	562267 (36.44)	79.76	142719 (17.15)	20.24	704986 (29.68)
(iii) Establishments	980809 (63.56)	58.72	689621 (82.85)	41.28	1670430 (70.32)



1	2	3	4	5	6
(iv) Hired	326993 (57.48)	58.54	623163 (75.47)	41.46	1515156 (63.78)
III. Agricultural and Non-Agricultural activities.					
(Other than Crop Production and Plantation)					
(a) All enterprises	658834	75.56	213063	24.44	871897
(i) Own account enterprises	460586 (69.91)	79.71	117246 (55.03)	20.29	577332 (66.27)
(ii) Establishments	198248 (30.09)	67.42	99817 (44.97)	32.58	294065 (33.73)
(b) Persons usually working in enterprises					
(i) Total	1682839	65.38	848694	34.62	2451533
(ii) Own account enterprises	599374 (37.39)	79.84	151303 (17.83)	20.16	750677 (30.62)
(iii) Establishments	1083465 (62.61)	59.00	697391 (82.17)	41.00	1700856 (69.38)
(iv) Hired	904494 (56.43)	58.77	634649 (74.78)	41.23	1539143 (62.78)

Note:- Figures in bracket in columns 2, 4 and 6 show the percentage share of own account enterprises and establishments in all enterprises, the workers under own account enterprises and Establishments and of the hired workers to total persons usually working in all enterprises.

2.2 It is found that 6.59 lakhs enterprises are in rural areas of which 6.23 lakhs (94.53%) belonged to non-agriculture sector and the remaining 0.36 lakhs (5.47%) in agricultural Sector. Under agricultural sector, Own account enterprises numbered 0.28 lakhs (77%) and the establishments were only 0.08 lakhs (23%) whereas in non-agriculture sector 4.33 lakhs (69.50%) were own account enterprises and 1.90 lakhs (30.50%) were establishments. The total number of persons usually working in the rural areas under agricultural & non-agricultural enterprises is found to be 16.03 lakhs i.e. 65.38% of the total persons working in all enterprises; of which 5.99 lakhs (37.39%) are under own account enterprises and the remaining 10.04 lakhs (62.61%) are in establishments. The number of persons usually working in



the non-agricultural sector in the rural areas under own account enterprises and establishments are found to be 4.33 lakhs (69.50%) and 1.90 lakhs (30.50%) respectively whereas in the agricultural sector in the rural areas the total persons in own account enterprises and in establishments are 0.37 lakhs (62.09%) and 0.23 lakhs (37.91%) respectively.

2.3. 2.13 lakhs (24.44%) enterprises were found in urban areas of which 0.10 lakhs (4.69%) were agricultural enterprises and 2.03 lakhs (95.31%) were non-agricultural enterprises. The total own account enterprises in the urban area was 1.17 lakhs (55.03%) whereas the number of establishments was 0.96 lakhs (44.97%). Out of the 0.10 lakhs agricultural enterprises 0.07 lakhs were own account enterprises and the remaining 0.03 lakhs were establishments. The own account enterprises and establishments in the urban area under non-agricultural enterprises were found to be 1.10 lakhs (54.31%) and 0.93 lakhs (45.69%) respectively. 8.49 lakh persons were usually working in the urban sector in all enterprises which amounts to 34.62% of the total persons usually working in the whole state. Out of these 8.49 lakhs persons, 1.51 lakhs (17.83%) were in own account enterprises and 6.97 lakhs (82.17%) were in establishments. The number of persons usually working in the agricultural sector in urban area was only 0.16 lakh of which 0.086 lakhs (52.49%) were in own account enterprise and the remaining 0.078 lakhs (47.51%) were in establishments. In the non-agricultural sector in urban areas, there were 2.32 lakhs persons usually working of which 1.43 lakhs (61.5%) were in own account enterprises and 0.89 lakhs (38.5%) were working in establishments.

2.4. The number of hired workers in all enterprises in the State was found to be 15.39 lakhs which is 62.78% of the total personnel usually working in all enterprises. Out of this 15.39 lakh hired workers, 9.04 lakhs (58.77%) were found in the rural areas and 6.35 lakhs (41.23%) were in urban areas. The hired persons in non-agricultural enterprises amounts to 15.15 lakhs which is 63.78% of the total persons working. Out of these 15.15 lakhs, 8.37 lakhs (55.24%) were in rural areas and 6.78 lakhs (44.76%) were in urban areas. The number of hired persons in the agricultural enterprises was found to be 0.24 lakhs which is 31.51% of the total persons working in all enterprises. In the rural area the hired persons working in the agricultural enterprises was found to be 0.18 lakhs (72.96%) and in the urban area this number amounts to 0.06 lakhs (27.04%).

[Illegible horizontal smudge]

[Illegible horizontal smudge]

[Illegible vertical smudge]

[Illegible small mark]

Activity-wise distribution of non-agricultural enterprises.

2.5. The activity-wise distribution of non-agricultural enterprises which were grouped into 12 major activity groups, as stated in Chapter I, shows that the Manufacturing and Repair services, whole sale and retail trade and community, Social and personnel services were the three most important activity groups in view of the number of enterprises both in the rural and urban areas. The three activity groups accounted for 82.84% of the enterprises in the state.

2.6. A study of the distribution of non-agricultural enterprises by major activity groups given in table 2.2. indicates that the major share goes to whole sale and retail trade (36.73%). The next major share goes to manufacturing and repair services (28.60%). The Community Social and personal services, units are ~~xxxxxxx~~ only 17.51%

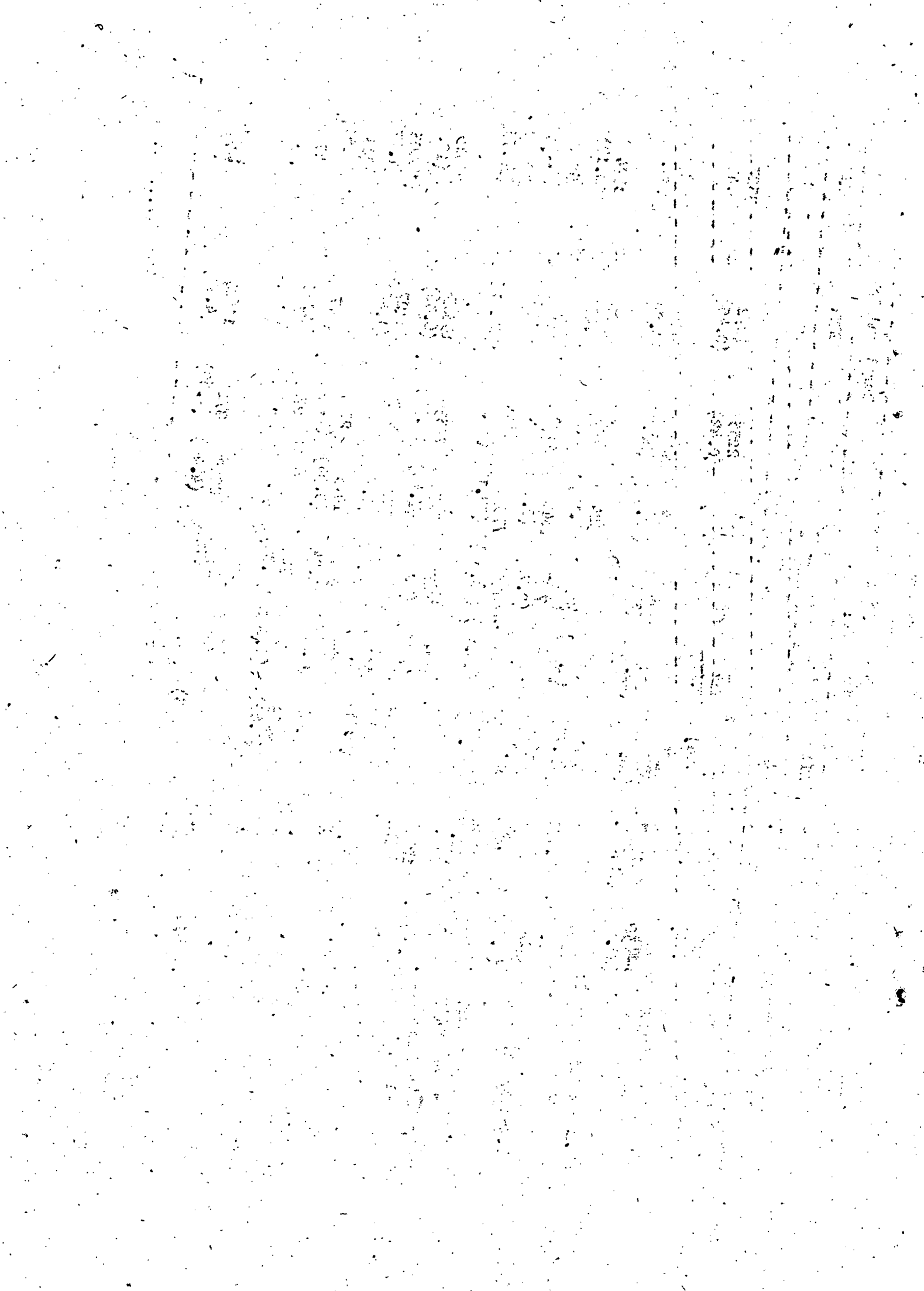
whereas in rural areas the whole sale and retail trade maintains the highest share 43.30% among own account enterprises. But in the case of "Establishments", Community social & personal services retains the highest share 32.94 in rural areas. communication got the lowest share - 0.01 among own account enterprises.

2.7. In the urban sector the major share under own account enterprises (46.26%) goes to whole sale and retail trade. In the case of establishments the major share under Establishment in urban areas viz., 32.67% was accounted to manufacturing and repair services. The activity group communication got the lowest share under own account enterprises in urban areas and under establishments in the urban areas Mining and quarrying got the lowest proportion viz. 0.03%.

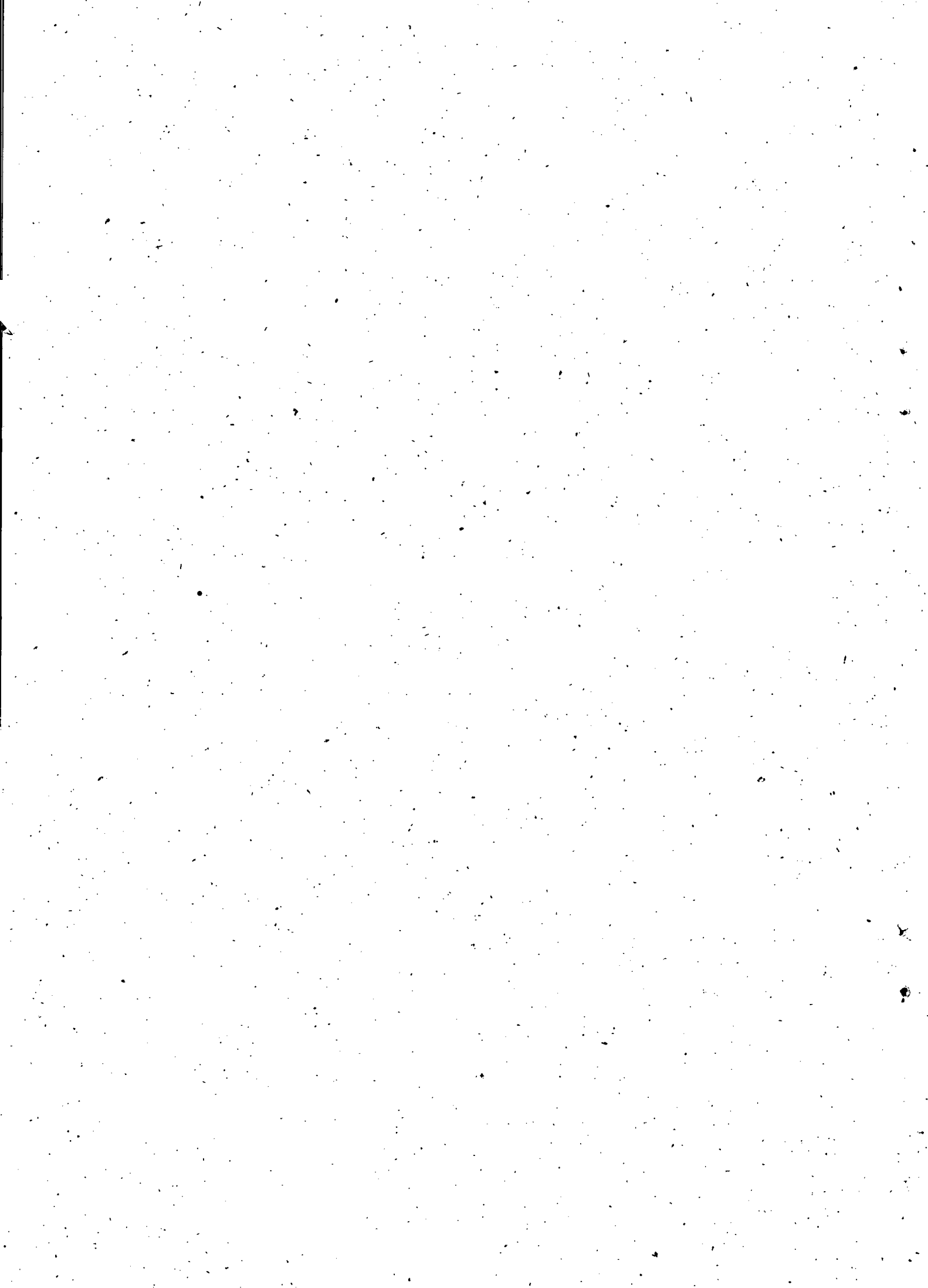


:12:
Table 2.2 Number of non-agricultural enterprises by major activity groups and type of enterprise.

Major activity group	Rural			Urban			Rural and Urban		
	OAE	EST	All	OAE	EST	All	OAE	EST.	All
1	2	3	4	5	6	7	8	9	10
1. Mining and quarrying.	2141 (0.49)	1197 (0.63)	3338 (0.54)	114 (0.10)	75 (0.08)	189 (0.09)	2255 (0.42)	1272 (0.45)	3527 (0.43)
2. Manufacturing & Repair service	118438 (27.36)	60313 (31.59)	178451 (28.65)	29262 (26.57)	23421 (20.67)	57683 (28.44)	147700 (27.20)	88434 (31.29)	236134 (28.60)
3. Electricity gas & water	263 (0.06)	1007 (0.53)	1270 (0.20)	46 (0.04)	278 (0.30)	324 (0.16)	309 (0.06)	1285 (0.45)	1594 (0.19)
4. Construction	2596 (0.60)	1630 (0.86)	4226 (0.68)	933 (0.85)	713 (0.77)	1646 (0.81)	3529 (0.65)	2343 (0.83)	5872 (0.71)
5. Wholesale and retail trade	187389 (43.30)	38442 (20.24)	225831 (36.26)	50345 (46.86)	26446 (28.54)	77391 (38.16)	238334 (43.90)	64888 (22.96)	303222 (36.73)
6. Hotels & Restaurants	62279 (14.39)	12458 (6.56)	74737 (12.00)	8251 (7.46)	6927 (7.48)	15178 (7.49)	70530 (12.99)	19385 (6.86)	89915 (10.89)
7. Transport	3161 (0.73)	2054 (1.08)	5215 (0.84)	1515 (1.33)	2073 (2.24)	3588 (1.77)	4676 (0.86)	4127 (1.46)	8803 (1.07)
8. Storage and warehousing	1060 (0.25)	1233 (0.55)	2293 (0.37)	947 (0.85)	968 (1.04)	1915 (0.94)	2007 (0.37)	2201 (0.78)	4208 (0.51)
9. Communication	22 (0.01)	3997 (2.10)	4019 (0.65)	5 (0.00)	768 (0.83)	773 (0.38)	27 (0.00)	4765 (1.69)	4792 (0.58)
10. Finance Insurance real estate and business services.	5120 (1.18)	6200 (3.31)	11400 (1.83)	3590 (3.26)	5327 (5.75)	8917 (4.40)	8710 (1.60)	11607 (4.11)	20317 (2.46)



	1	2	3	4	5	6	7	8	9	10
11. Community social and personal services	49770 (11.50)	60859 (32.04)	110629 (17.76)	14041 (12.75)	19864 (21.44)	33905 (16.72)	63811 (11.75)	80723 (28.56)		144534 (17.51)
12. Others	580 (0.13)	784 (0.41)	1364 (0.22)	483 (0.44)	804 (0.87)	1287 (0.64)	1063 (0.20)	1588 (0.56)		2651 (0.32)
All activities	432819 (100.00)	139954 (100)	622773 (100)	140132 (100)	92664 (100)	202796 (100)	542951 (100)	282618 (100)		825569 (100)



Selected characteristics of enterprises.

2.8 Table 2.3 sets out the selected characteristics of enterprises by location of enterprises. It is seen that out of 3.72 lakh enterprises in the state, 3.06 lakh (92.49%) of the total) were private enterprises. Nearly 5% of the total enterprises numbering 0.45 lakhs were seasonal enterprises and about 0.98 lakh (11.24%) were working without premises. The total number of enterprises using power/fuel numbering 1.61 lakh forms 18.49% of the total enterprises. The number of enterprises owned by Scheduled caste and Scheduled Tribes are found to be 0.28 lakh (3.19%) and 0.06 lakh (0.66%) respectively.

2.9. The share of privately owned enterprises in rural and urban areas was respectively 75.5 per cent and 24.5 per cent. As many as 87 per cent seasonal enterprises, 80% of the enterprises, without premises, 79% of the power/fuel operated enterprises, 89 per cent of the enterprises owned by Scheduled caste and 85 per cent of the enterprises owned by Scheduled Tribes in rural areas.

Table 2.3 selected characteristics of enterprises

Item	Rural		Urban		Total number
	Number	Percentage	Number	Percentage	
1	2	3	4	5	6
All enterprises	658834	75.56	213063	24.44	871897
Enterprises operating					
i. Under private ownership	609168 (92.46)	75.54	197226 (92.57)	24.46	806394 (92.49)
ii. Seasonally	33829 (5.39)	86.66	5977 (2.81)	13.34	44806 (5.14)
iii. Without premises	78226 (11.90)	80.00	19598 (9.20)	20.00	98024 (11.24)
iv. With power/fuel	128018 (19.43)	79.39	33233 (15.60)	20.61	161251 (18.49)
v. Under scheduled caste ownership	24628 (3.74)	88.53	3191 (1.50)	11.47	27819 (3.19)
vi. Under scheduled tribe ownership	4350 (0.74)	84.83	867 (0.41)	15.17	5717 (0.66)

Note: Figures in brackets give percentage to all enterprises in the respective areas.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

5300 S. DICKINSON DRIVE

CHICAGO, ILLINOIS 60637

TEL: 773-936-3700

FAX: 773-936-3700

WWW.PHYSICS.UCHICAGO.EDU

PHYSICS 101

PHYSICS 102

PHYSICS 103

PHYSICS 104

PHYSICS 105

PHYSICS 106

PHYSICS 107

PHYSICS 108

PHYSICS 109

PHYSICS 110

PHYSICS 111

PHYSICS 112

PHYSICS 113

PHYSICS 114

PHYSICS 115

PHYSICS 116

CHAPTER III
AGRICULTURAL ENTERPRISES

3.1 The following paragraphs deal with some of the main results relating to agricultural enterprises enumerated in the Economic Census 1980. The term agricultural enterprises has to be construed to mean those engaged in livestock production, agricultural services, hunting, trapping and game propagation, forestry and logging and fishing and exclude those engaged in crop production and plantation which are not covered under the census.

Number and employment.

3.2. It can be seen from table 2.1 that between agricultural and non-agricultural enterprises the former accounted for 5.31% of the total enterprises and about 3.10% of the total employment in all enterprises. The number of agricultural enterprises by type of enterprise and employment therein are given in table 3.1.

3.3. Table 3.1 shows that among 0.46 lakhs agricultural enterprises, (0.35 lakhs forming 76%) were own account enterprises and the remaining 0.11 lakhs (24%) were establishments. Out of the total of 0.76 lakhs persons usually working in agricultural enterprises, 0.46 lakhs representing 61% were employed in own account enterprises and 0.30 lakhs, 39% were employed in establishments.

Table 3.1 Number of agricultural enterprises and employment

Types of enterprises	Rural		Urban		Total No.
	No.	percentage	Number	Percentage	
1	2	3	4	5	6
(a) Own account enterprises					
(i) Number	27767	79.60	7114	20.40	34881
(ii) Employment	37107 (1.34)	81.21	8584 (1.21)	18.79	45691 (1.31)
(b) Establishments					
(i) Number	8294	72.46	3153	27.54	11447
(ii) Employment total	22656 (2.73)	74.46	7770 (2.46)	25.54	30426 (2.66)
Hired	17501 (77.25)	72.96	6486 (83.47)	27.04	23987 (78.84)

To the
... ..
... ..
... ..
... ..

...

... ..
... ..
... ..
... ..

... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..
... ..

1	2	3	4	5	6
C) All enterprises					
(i) Number	36061	77.84	10267	22.16	46328
(ii) Employment total					
	59763 (1.66)	78.51	16354 (1.59)	21.49	76117 (1.64)
Hired	17501 (29.23)	72.96	6486 (39.66)	27.04	23987 (31.51)

Note: Figures in bracket under col.2,4 & 6 gives average person per enterprise. Figures in double bracket under col.2,4 & 6 gives percentage of hired to the total persons.

Considering the total employment in all agricultural enterprises, hired labour formed only 31.51%. Hired labour constitutes 78.84% of the total persons working in agricultural establishments. An agricultural enterprise, on an average had 1.64 persons usually working and this average was 1.31 for own account enterprise and 2.66 for establishment. 3.4. Bulk (77.34%) of agricultural enterprises were found to be located in rural areas. Rural areas also accounted for 79.6% of own account enterprises and 72.46% of the establishments. The number of own account enterprises in urban areas was found to be 20.40% and the number of establishment in urban areas had a higher percentage than the own account enterprises viz. 27.54%.

3.5. The rural enterprises engaged 78.51% of total agricultural employment. The percentage of hired labour to total persons employed in agricultural establishment was 77.25% in rural and 83.47% in urban areas. The average number of persons for own account enterprises in rural area was found to be 1.34 and for urban area the average was 1.21. For an agricultural establishment this average was 2.73 for rural and 2.46 for urban areas.

3.6. Out of the 11447 establishments only 80 establishments forming 0.70% were owned by co-operative sector. Private establishments numbering 11161 constituted 97.50% of the total establishment, the remaining 1.3% establishments were in the public sector comprising Central and State Government, local bodies enterprises owned jointly by Government and Private body etc. Table 3.2 gives the details of the number of private and co-operative establishments and employment therein.



Table 3.2 Number of Private and Co-operative agricultural Establishments and employment therein.

Type of Establishment	Establishment	Employment	
		Total	Hired
1	2	3	4
(A) Rural			
i) All establishment	3294	22656	17501
ii) Private Establishment	3244	21745	16599
iii) Co-operative establishment	(96.99)	(95.98)	(94.85)
	73	129	129
	(0.88)	(0.57)	(0.74)
(b) Urban			
i) All establishment	3153	7770	6486
ii) Private establishment	3117	7629	6346
iii) Cooperative establishment	(98.86)	(98.19)	(97.84)
	7	9	9
	(0.22)	(0.12)	(0.14)
(c) Rural and Urban			
i) All establishment	11447	30426	23987
ii) Private establishment	11161	29374	22945
iii) Cooperative establishment	(97.50)	(96.54)	(95.66)
	80	138	138
	(0.70)	(0.45)	(0.58)

Note: Figures in brackets give percentage to all establishments.

In rural areas 0.38% of the establishments and in urban areas 0.22% of the establishments were run by cooperatives. The private sector establishments employed 0.29 lakh persons which formed 96.54% of the total employment. A total of 0.30 lakh persons were employed in all agricultural establishments. As against 98.19% of total employment in urban areas the private sector accounted for 96% in rural areas. The employment in co-operative sector was 0.45% to the total, varying from 0.12% in urban to 0.57% in rural areas.



3.7. Out of the total of 0.29 lakhs persons employed in private establishments 0.23 lakhs were hired employees which constituted 78.11 of the total. The hired labourers in rural area was found to be 0.18 lakhs and that in urban area 0.06 lakhs.

3.8. The hired labourers in private establishments in rural area constituted 94.85% (0.17) lakh of the total and in urban area the percentage of hired labour in private establishment was 97.84% (0.06 lakhs).

Selected characteristics by type of enterprise.

3.9 The table 3.3 gives the selected characteristics of agricultural enterprises categorised by own account enterprises and establishments.

Table 3.3. Selected characteristics of agricultural enterprises.

....

(1)	(2)	Total (3)	Enterprise				
			owned by		operating by		
			Scheduled Tribe (4)	Scheduled Caste (5)	Seasonally (6)	with power/ fuel (7)	with out premi- ses. (8)
(a) Rural							
i) Own account enterprises	27767	303 (1.09)	1682 (6.06)	3660 (13.18)	932 (3.36)	15690 (56.51)	
ii) All establishments	8294	65 (0.78)	275 (3.32)	1893 (22.82)	777 (9.37)	5756 (69.40)	
a) Private establishments	8044	65 (0.81)	275 (3.42)	1772 (22.03)	713 (8.86)	5645 (70.18)	
b) Cooperative establishments	73	-	-	53 (72.60)	5 (6.85)	49 (67.12)	
(b) Urban							
(i) Own account enterprises	7114	15 (0.21)	219 (3.08)	589 (8.28)	63 (0.89)	4421 (62.15)	
(ii) All establishments	3153	3 (0.10)	43 (1.36)	238 (7.55)	132 (4.19)	2298 (72.88)	
a) Private establishments	3117	3 (0.10)	43 (1.38)	226 (7.25)	126 (4.04)	2286 (73.34)	

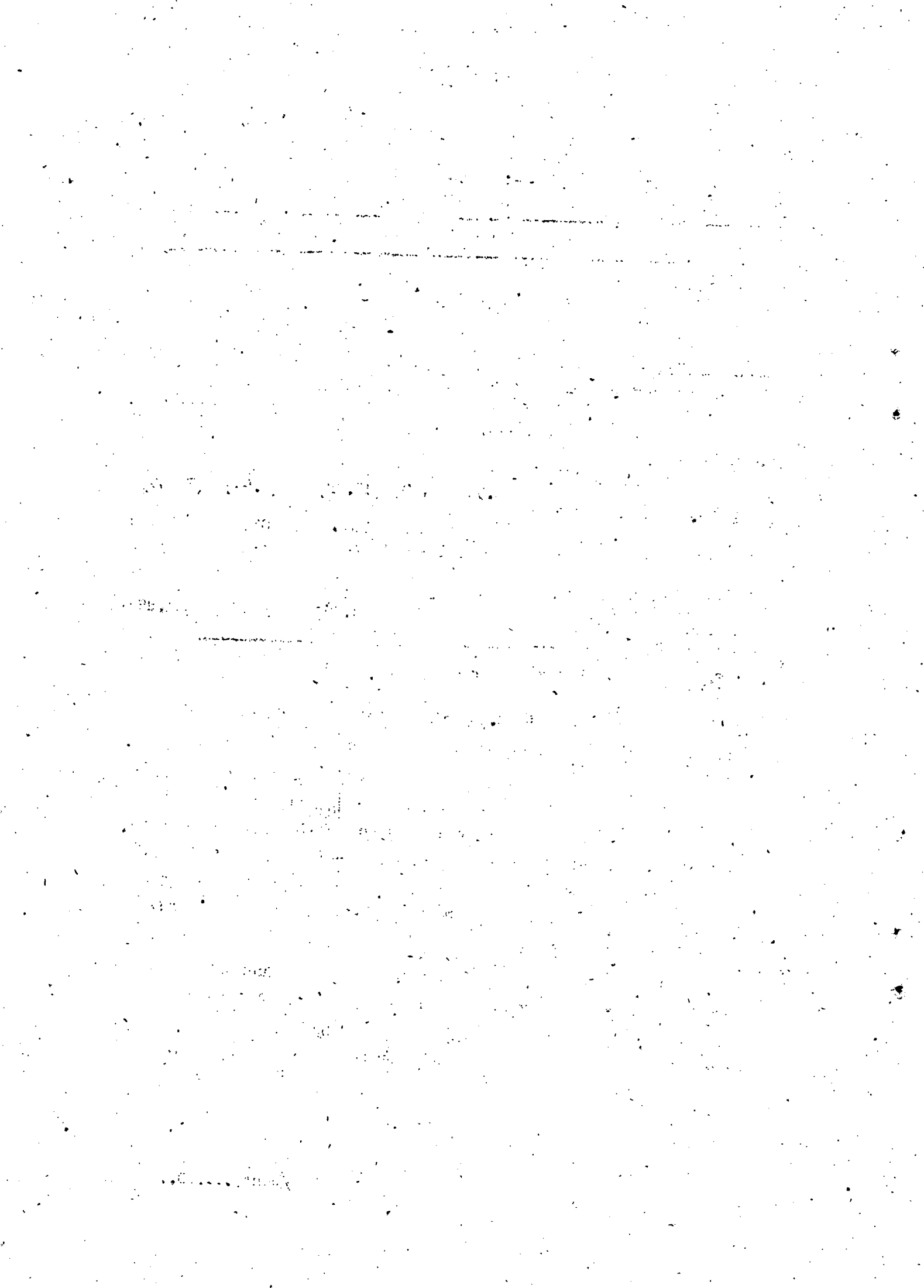


1	2	3	4	5	6	7	8
(b) Cooperative establishment		7	-	-	-	1	0
						(14.29)	
(c) <u>Rural and Urban</u>							
(i) Own account enterprises	34831	318	1901	4249		995	20111
		(0.91)	(5.45)	(12.18)		(2.85)	(57.66)
(ii) All establishments	11447	68	318	2131		909	8054
		(0.59)	(2.78)	(18.62)		(7.94)	(76.36)
(a) Private establishments	11161	68	318	1998		839	7931
		(0.61)	(2.85)	(17.90)		(7.52)	(71.06)
(b) Cooperative establishments	80	-	-	59		6	49
				(66.25)		(7.50)	(61.25)

Note: Figures in bracket give percentage to total

It may be seen that 12.18% of the total own account agricultural enterprises were seasonal enterprises. The seasonal own account enterprises in rural and urban areas are found to be 13.18% and 8.28% respectively. Out of the total of 0.35 lakhs own account enterprises 0.20 lakhs (57.66%) were operating without premises. The percentage of own account agricultural enterprises operating without premises in the rural and urban areas were 56.51% and 62.15% respectively. The number of own account agricultural enterprises operating with power/fuel is found to be only 2.85%. In rural areas 3.36% of the own account enterprises were operating with power/fuel and this share for urban areas was only 0.89%. It is found that 1901 own account agricultural enterprises (5.45%) were owned by scheduled caste and only 318 enterprises (0.91%) were owned by scheduled tribes in all the own account agricultural enterprises.

/contd....20..



3.10 Out of the total of 0.11 lakh private establishments 18.62% were operating seasonally and 70.36% were operating without premises. The establishments operating with power/fuel was found to be only 7.94%. Only 318 Private establishments 2.78% were owned by scheduled castes of which 275 establishments were in rural areas and only 43 were in urban areas. The total Private establishment owned by scheduled tribe is only 68 (0.59%) of which 65 were in rural areas and only 3 in urban areas.

3.11 Under private establishments 1998 (17.90%) were found to be operating seasonally and 7931 (71.06%) were having no fixed premises. Out of the total private establishments 839 (7.52%) were operating with power/fuel. 386 establishments were owned by Scheduled Caste and Scheduled Tribe together of which 318 are owned by scheduled castes which constitute 2.85% of the total agricultural establishments. The number of private establishments owned by Scheduled Castes in rural areas is found to be 275 and that owned by Scheduled Tribe is only 65. As far as urban area is concerned the scheduled tribe had only 3 establishments where as the Scheduled Castes had 43 establishments.

3.12. There were only 80 co-operative agricultural establishments of which 53 (66.25%) were operating seasonally and 49 (61.25%) were having no fixed premises. The number of co-operative establishments using power/fuel was only 6 (7.50%). No co-operative establishment was seen owned by Scheduled Caste or Scheduled Tribe. Out of the 7 co-operative establishment in urban area only one was operated by power/fuel. Co-operative establishments in the rural areas were found to be 73.

Distribution by employment size groups

3.13. The average number of person per agricultural enterprise in the rural and urban areas was found to be 1.66 and 1.59 respectively. This average for the rural urban combined sector is 1.64. The distribution of establishment by size group of employment is taken for study.

3.14. Table 3.4 gives the distribution of establishments and employment therein according to 4 size groups of employment in rural, urban areas and for rural urban combined.

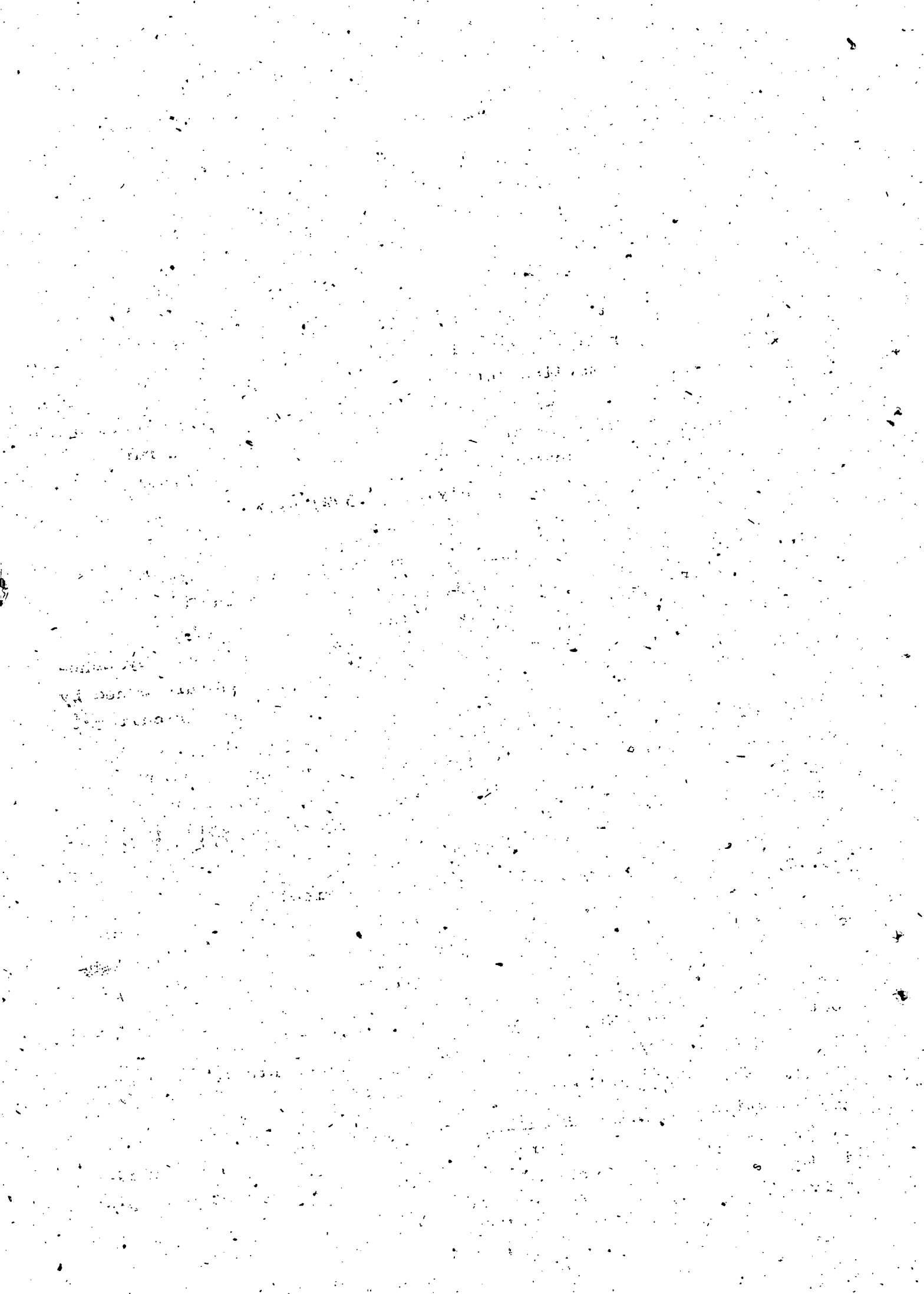


Table 3.4 Distribution of agricultural establishments and persons usually working therein by size groups of employment.

.....

Item	Size group of employment				
	1-5	6-19	20-49	50 & above	All
1	2	3	4	5	6
(a) Rural					
(i) Establishments	7463 (39.98)	800 (9.65)	24 (0.29)	7 (0.08)	8294 (100.00)
(ii) Total persons usually working	14292 (63.08)	7037 (31.28)	603 (2.66)	674 (2.98)	22656 (100.00)
(b) Urban					
(i) Establishments	2965 (94.04)	174 (5.52)	12 (0.38)	2 (0.06)	3153 (100.00)
(ii) Total persons usually working	5907 (76.02)	1377 (17.72)	373 (4.80)	113 (1.46)	7770 (100.00)
(c) Rural and urban					
(i) Establishments	10428 (91.10)	974 (8.51)	36 (0.31)	9 (0.08)	11447 (100.00)
(ii) Total persons usually working	20199 (66.39)	8464 (27.82)	976 (3.21)	787 (2.58)	30426 (100.00)

Note: Figures in bracket give percentage to all groups together.

It is seen from the above table 3.4 that the smaller establishments each employing less than six persons accounted for 91.10% of the total establishments and 66.39% of the total employment in the agricultural establishments. 8.5% of the establishments in the employment size group 6-19 accounted for 27.82% of the total employment. The total number of agricultural establishments in the size group 50 and above accounted only for 0.08% and they shared 2.58% of the total employment. The number of establishments under the size group 20-49 is found to be only 0.31% and they shared 3.21% of the total employment.

In the rural areas establishments employing less than six persons accounted for 39.98% of the total establishments, employing 63.08% of the total employment in all establishments in that sector. The number of establishments having 50 & above employees in the rural area is only 7 accounted for 0.08% of the total establishment. 674 employees (2.98%) are found to be working in all the 7 establishments. The share of rural establishments in the size group 6-19 and 20-49 was 9.65% and 0.29% respectively and their share of employment was 31.28% and 2.66%.

/contd...22..

3.16. In the urban area 2965 (94.04%) establishments are having employment less than six and 5907 (76.02%) persons were found to be usually working in all these establishments. Only 2 (0.06%) establishments in the urban areas were having employment 50 and above and 113 persons (1.46%) were usually working in these establishments. There were 174 establishments (5.52%) under the size group 6-19 and they shared 17.72% of the total persons working in the urban sector. The share of establishment in the size group 20-49 in the urban area is only 0.38% and accounted for 4.80% of the total employment of the urban sector.



CHAPTER IV

NON-AGRICULTURAL ENTERPRISES

It has been stated earlier that at the state level between agricultural and non-agricultural enterprises, the non-agricultural enterprises predominated in number as well as in employment therein. About 95% of the total number of enterprises and 97% of the total employment were accounted for by the non-agricultural enterprises.

4.2 Among 8.26 lakhs non-agricultural enterprises 6.23 lakhs (75.44%) were located in rural areas and the rest 2.03 lakhs (24.56%) in urban areas. The own account enterprises numbering 5.43 lakhs formed 65.77% of the total non-agricultural enterprises and the establishments adding upto 2.83 lakh constituted the rest (34.23%). (52.43% of own account enterprises and 23% of establishments, out of the total non-agricultural enterprises were in rural areas. The urban share is only 13.34% in own-account enterprises and 11.23% in establishments. The table 4.1 gives the details of non-agricultural enterprises and employment therein.

Table: 4.1 - Number of non-agricultural enterprises and employment therein.

Item	Rural		Urban		Total
	Number	Percentage	Number	Percentage	
	2	3	4	5	6
A. Own Account enterprises:					
(a) Number	432819	79.72	110132	20.28	542951
(b) Employment:					
i) Total	562267	79.76	142719	20.24	704986
ii) Females	109284	83.38	21790	16.62	131074
B. Establishment:					
(a) Number	189954	67.21	92664	32.79	282618
(b) Employment:					
i) Total	980809	58.72	689621	41.28	1670430
ii) Females	346950	71.11	140923	28.89	487875
C. All enterprises:					
(a) Number	622773	75.44	202796	24.56	825569
(b) Employment:					
i) Total	1543076	64.96	832340	35.04	2375416
ii) Female	456234	73.71	162713	26.29	618947

4.3 The total employment, i.e. the number of persons usually working in 8.26 lakhs non-agricultural enterprises enumerated in the census, was about 23.75 lakhs. The larger share, 70.32% (16.70 lakhs) in the total employment was taken by the establishments

1-11

1957

11

1957
1-11
1-11

1957

1957

1957

1957

1957

1957

1957

1957

1957

though in terms of number, accounted for a small share (34.23%) of the total non-agricultural enterprises. The number of persons employed in own account enterprises was found to be 7.05 lakhs and accounted for 29.66% of the total in the non-agricultural enterprises.

4.4 The urban enterprises claimed about 8.32 lakhs (35.94%) of the total employment leaving the rest 15.43 lakhs (64.96%) to the rural enterprises. In the case of establishments 58.72% employment (9.81 lakhs) were in rural areas and the rest 41.28% (6.9 lakhs) were in urban areas. Regarding own account enterprises 79.76% of the employment (5.62 lakhs) were in rural areas and rest 20.24% (1.43 lakhs) in urban areas.

4.5 It is found that 6.19 lakhs females (26.06%) were working in all the non-agricultural enterprises. Of which 4.88 lakhs (220,54%) were in establishments and the rest 1.31 lakhs (5.52%) were in own account enterprises. The number of female employees in own account enterprises was found to be 1.31 lakhs of which 83.38% were in rural areas and 16.62% in urban areas. There were 4.88 lakhs female employees in all establishments of which 71.11% were in rural areas and the rest 28.89% in urban areas.

NON-AGRICULTURAL OWN-ACCOUNT ENTERPRISES:

4.6 There were 5.43 lakhs own account enterprises engaged in non-agricultural activities employing 7.05 lakh persons; of these persons 1.31 lakh were females. Out of the total females in own account enterprises 83.38% (1.09 lakh) were in rural areas and 16.62% (0.22 lakhs) were in urban areas.

4.7 Table 4.2 presents the number of non-agricultural-own-account enterprises and the number of persons working along with the number of females working in twelve major activity groups constituting the non-agricultural sector. The coverage of these twelve major activity groups is as given in Annexure V.



25 :

Table: 4.2 Distribution of non-agricultural-own-account enterprises and employment therein by major activity groups

Major activity group	Rural			Urban			Rural and Urban		
	Own account enterprises	Employment		Own Account enterprises	Employment		Own Account enterprises	Employment	
		Total	Female		Total	Female		Total	Female
1	2	3	4	5	6	7	8	9	10
1. Mining and quarrying.	2141 (0.49)	2399 (0.43)	58 (0.05)	114 (0.10)	129 (0.09)	4 (0.02)	2255 (0.42)	2528 (0.36)	62 (0.05)
2. Manufacturing and repair services.	118438 (27.36)	182664 (32.49)	74088 (67.79)	29262 (26.57)	43894 (30.76)	14591 (66.96)	147700 (27.20)	226558 (32.14)	88679 (67.66)
3. Electricity, gas and water.	263 (0.06)	280 (0.05)	5 (0.00)	46 (0.04)	55 (0.04)	0 (0.00)	309 (0.06)	335 (0.05)	5 (0.00)
4. Construction.	2596 (0.60)	2921 (0.52)	29 (0.03)	933 (0.85)	1039 (0.73)	13 (0.06)	3529 (0.65)	3960 (0.56)	42 (0.03)
5. Wholesale & retail trade.	187389 (43.30)	201138 (35.77)	8719 (7.98)	50945 (46.26)	57730 (40.45)	2746 (12.60)	238334 (43.90)	258868 (36.72)	11465 (8.75)
6. Restaurants and Hotels.	62279 (14.39)	85237 (15.16)	16485 (15.09)	8251 (7.49)	12223 (8.56)	2072 (9.51)	70530 (12.99)	97460 (13.82)	18557 (14.16)
7. Transport	3161 (0.73)	3367 (0.60)	24 (0.02)	1515 (1.38)	1719 (1.20)	11 (0.05)	4676 (0.86)	5086 (0.72)	35 (0.03)
8. Storage and Warehousing.	1060 (0.25)	1166 (0.21)	30 (0.03)	947 (0.86)	989 (0.69)	20 (0.09)	2007 (0.37)	2155 (0.31)	50 (0.04)
9. Communication	22 (0.01)	27 (0.00)	3 (0.00)	5 (0.00)	7 (0.00)	1 (0.01)	27 (0.00)	34 (0.00)	4 (0.00)
10. Finance, insurance, real estate, business services.	5120 (1.18)	5748 (1.02)	64 (0.06)	3590 (3.26)	4703 (3.30)	70 (0.32)	8710 (1.60)	10451 (1.48)	134 (0.10)
11. Community social and personal services.	49770 (11.50)	76497 (13.60)	9659 (8.84)	14041 (12.75)	19602 (13.74)	2232 (10.24)	63811 (11.75)	96099 (13.63)	11891 (9.07)
12. Others	580 (0.13)	823 (0.15)	120 (0.11)	483 (0.44)	629 (0.44)	30 (0.14)	1063 (0.20)	1452 (0.21)	150 (0.11)
All activities	432819 (100.00)	562267 (100.00)	109284 (100.00)	110132 (100.00)	142719 (100.00)	21790 (100.00)	542951 (100.00)	704986 (100.00)	131074 (100.00)



4.8 It can be seen from table 4.2 that the three major activity groups viz. manufacturing and repair services, wholesale and retail trade and community social and personnel services taken together accounted for more than 82% each of the total number of own account enterprises and persons working therein. Their share in the total female employment was also more than 85% in the three major activity groups.

4.9 Amongst the three major activity groups the wholesale and retail trade sector accounted for 43.9% in the total number of own account enterprises and also the largest share of 36.7% of the total employment. The activity group manufacturing and repair services accounted for the largest share of 67.66% of the total female employment.

4.10 Considering the rural non-agricultural own account enterprises, it would be seen that the same three activity groups accounted for more than 82% of the total enterprises and about 82% of the total employment. The wholesale and retail trade singly accounted for 43.3% of the total number of enterprises and 35.77% of the total number of persons working followed by manufacturing and repair services with 27.36% of the total enterprises and 32.49% of the total employment.

4.11 Among the urban own account non-agricultural enterprises the wholesale and retail trade formed 46.26% of the total enterprises and accounted for 40.45% of the total employment. The activity group manufacturing and repair services accounted for 26.57% of the total enterprises and 30.76% of the total employment in the urban area. The community social and personnel services accounted for 11.5% in rural area and 12.75% in urban area of the total enterprises in the respective sectors.

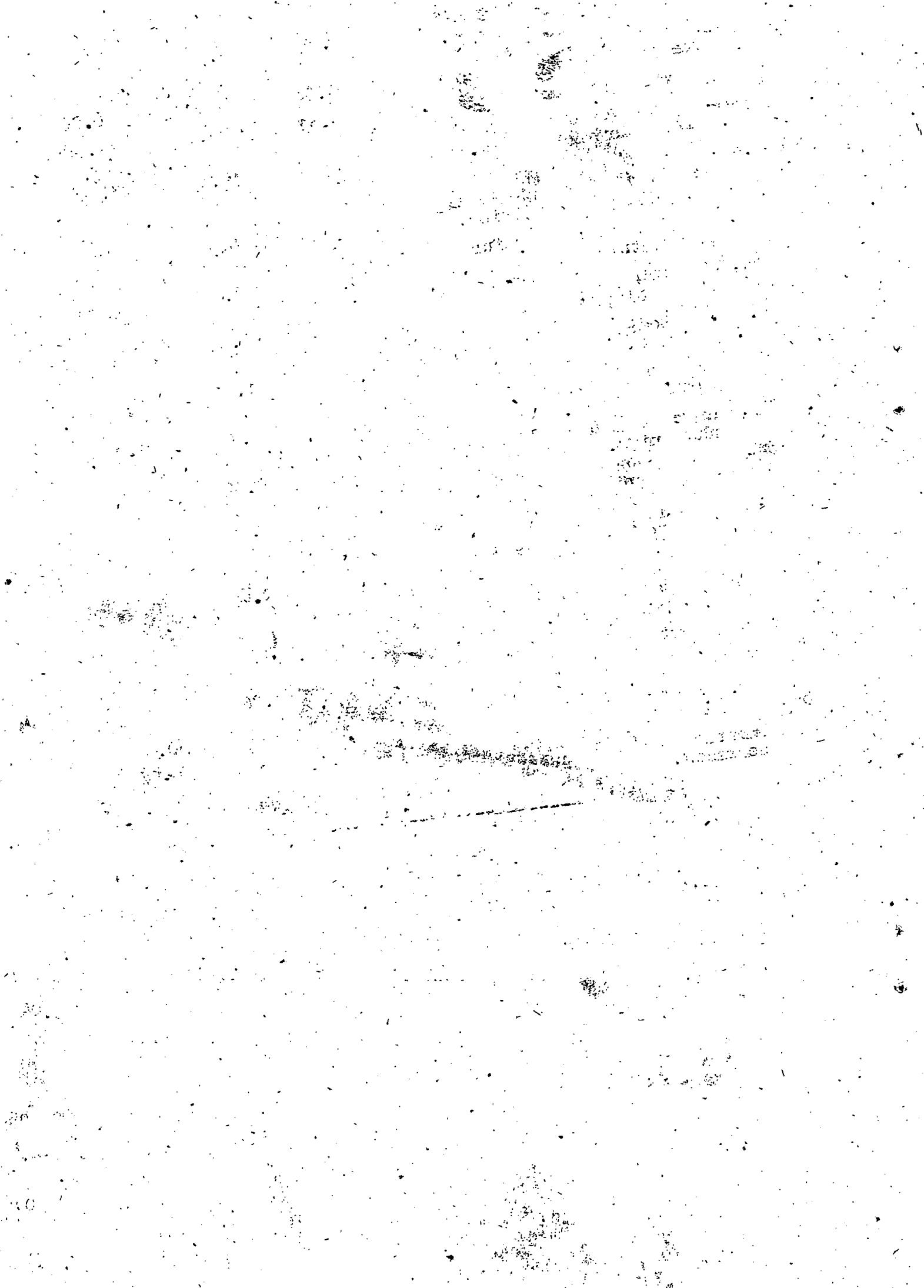
Manufacturing and repair services:

4.12 The percentage distribution of own account enterprises, persons usually working and females working in manufacturing and repair services sector classified according to industries at 2 digit level of NIC 1970 is given in table 4.3.



Table: 4.3 Percentage distribution of own account enterprises and employment therein in manufacturing and repair services by two digit level industries

NIC Code	2 digit manufacturing and repair service groups	Own account enterprises	Employment	
			Total	Female
1	2	3	4	5
20-21	Food Products:	13.18	13.22	8.13
22	Beverages, tobacco and tobacco products.	9.20	8.21	11.99
23.	Cotton textiles	5.29	6.17	5.64
24.	Wool, silk and synthetic fibre textiles.	0.03	0.04	0.02
25.	Jute, hemp and mesta textiles.	0.01	0.01	0.00
26.	Textile products	29.31	28.83	40.26
27.	Wood & wood products, furniture & fixtures.	17.36	19.57	27.59
28.	Paper & paper products and printing, publishing and allied industries.	0.48	0.57	0.35
29.	Leather & leather fur products.	0.24	0.24	0.04
30.	Rubber, plastic, petroleum and coal products.	0.98	0.85	0.25
31.	Chemical & chemical products.	1.05	1.11	0.66
32.	Non-metallic mineral products.	3.23	4.20	3.72
33.	Basic metal and alloys industries.	0.30	0.32	0.06
34.	Metal products & parts except machinery and transport equipments.	6.63	5.89	1.00
35.	Machinery, machine tools and parts except electrical machinery.	0.03	0.03	0.01
36.	Electrical machinery apparatus, appliances and supplies and parts.	0.04	0.03	0.01
37.	Transport equipments and parts.	0.06	0.06	0.00
38.	Other manufacturing industries.	5.38	4.91	0.15
39.	Repair services.	7.20	5.74	0.12
2 & 3	Manufacturing and repair services.	100.00	100.00	100.00



4.13 Of the 19 two digit level industries in the manufacturing and repair sector, 67% of the own account enterprises were in four industries viz. Textile products (29.31%), wood and wood products, furniture and fixtures (17.36%), food products (13.18%) and repair services (7.20%).

4.14 In terms of persons working, the maximum number was in textile products (28.83%) followed by wood and wood products (19.57%), food products (13.22%) and beverages, tobacco and tobacco products (8.21%). Cotton textiles with 6.17%. Of total persons working occupied the fifth place in terms of persons working while in terms of number of own account enterprises this group ^{was} for the seventh place in the order of industries.

4.15 Considering the number of females working, the Textile products accounted for the maximum share viz. 40.26% followed by wood and wood products (27.59%), beverages, tobacco and tobacco products (11.99%), food products (8.13%) and Cotton Textile (5.64%). Textile products, wood and wood industries, Beverages, tobacco and tobacco products were the three industries which provided employment for about 80% of females.

Selected characteristics:

4.16 Table 4.4 gives the selected characteristics of non-agricultural own account enterprises by major activity groups.

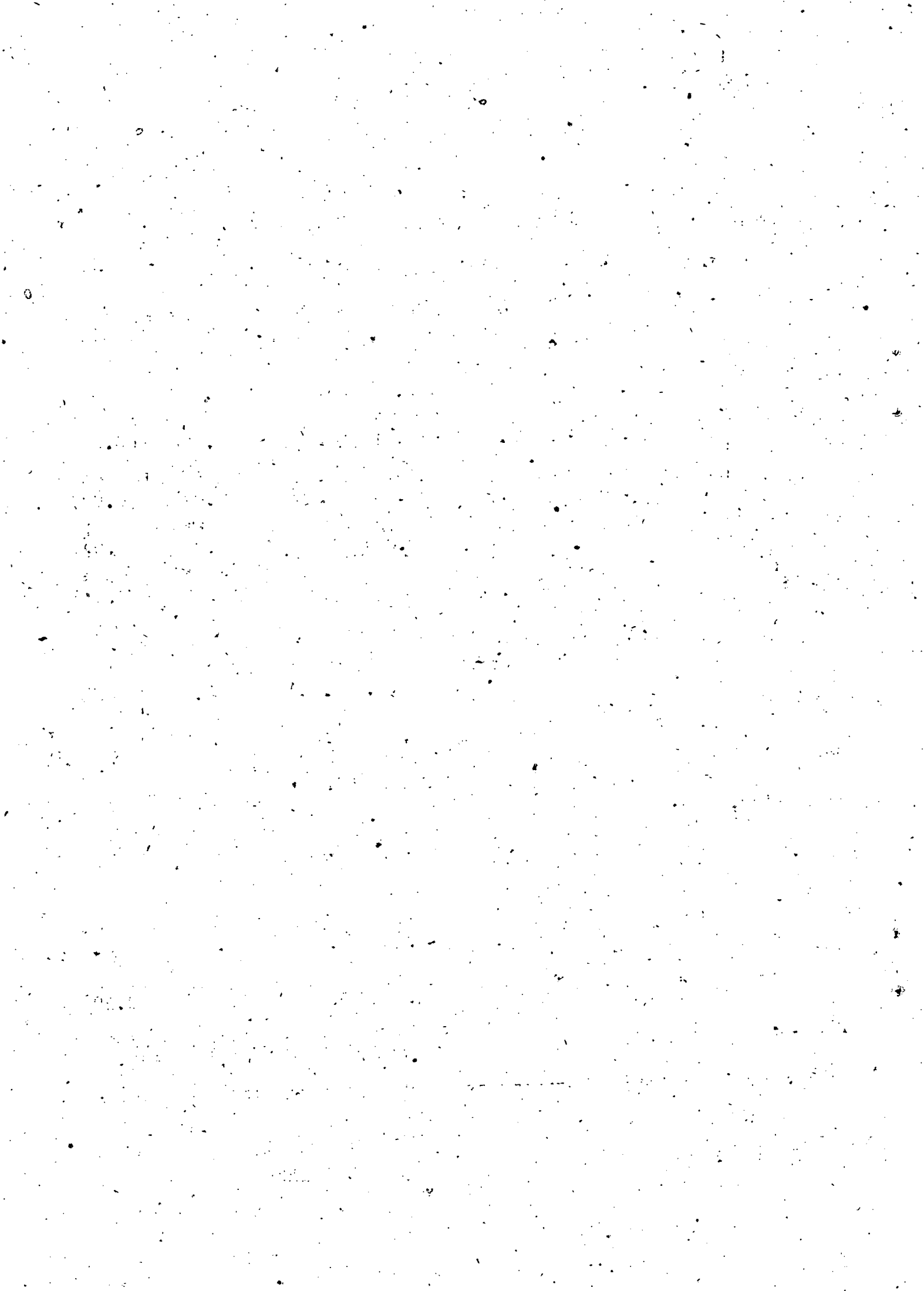
contd..



Table: 4.4 Selected characteristics of non-agricultural own-account enterprises by major activity groups (Number and percentage) (Rural and Urban)

Major Activity Groups	Own	Seasonal	Power/ fuel used	Without premises	Owned by	
	account enter- prise				S.T.	S.C.
1	2	3	4	5	6	7
Mining and quarrying.	2255 (0.42)	304 (1.20)	20 (0.02)	2175 (3.93)	43 (1.02)	429 (1.94)
Manufacturing and repair services.	147700 (27.20)	11725 (46.26)	32397 (31.31)	9334 (16.87)	1953 (46.51)	13406 (60.69)
Electricity, gas & water.	309 (0.06)	83 (0.33)	239 (0.23)	31 (0.06)	3 (0.07)	1 (0.00)
Construction	3529 (0.65)	387 (1.53)	42 (0.04)	3205 (5.79)	51 (1.22)	241 (1.09)
Wholesale and retail trade	238334 (43.90)	8760 (34.56)	2705 (2.61)	30727 (55.55)	980 (23.34)	2885 (13.06)
Restaurants & Hotels.	70530 (12.99)	1060 (4.18)	60636 (58.59)	459 (0.83)	286 (6.81)	483 (2.19)
Transport	4676 (0.86)	231 (0.91)	2627 (2.54)	3841 (6.94)	14 (0.33)	138 (0.63)
Storage and Warehousing.	2007 (0.37)	263 (1.04)	47 (0.05)	17 (0.03)	16 (0.38)	2 (0.01)
Communication	27 (0.00)	2 (0.01)	5 (0.00)	3 (0.01)	0	3 (0.01)
Financing, insurance, real estate and business services.	8710 (1.60)	437 (1.72)	337 (0.33)	1560 (2.82)	21 (0.50)	60 (0.27)
Community, Social and personal service.	63811 (11.75)	2003 (7.90)	4112 (3.97)	3611 (6.53)	828 (19.72)	4398 (19.91)
Others	1063 (0.20)	91 (0.36)	316 (0.31)	356 (0.64)	4 (0.10)	44 (0.20)
All activities.	542951 (100.00)	25346 (100.00)	103483 (100.00)	55319 (100.00)	4199 (100.00)	22090 (100.00)

4.16 It will be seen from table 4.4 that there were 0.25 lakhs seasonal enterprises in the state which constitute 4.67% of the total own account enterprises. As many as 1.03 lakhs enterprises were using power/fuel in their activity and 0.55 lakhs were operating without premises constituting respectively about 19.06%



and 10.19% of the total own account enterprises. Out of the total own account enterprises 4199 enterprises were owned by Scheduled Tribes and 22090 by Scheduled Caste communities.

4.17 Among the total seasonal enterprises 46.26% were in Manufacturing and Repair services followed by 34.56% in wholesale and retail trade and 7.90% in community social and personal services. The share for restaurant and hotels accounted for 4.18% of the total seasonal enterprises.

4.18 About 19.06% of the enterprises only were using power/fuel for their economic activity. Restaurants and hotels, manufacturing and repair services are the two major groups important from the point of view of use of power-fuel. The restaurant and hotel had the share of 58.6% and the share of manufacturing and repair services was 31.31%.

4.19 Out of the 0.55 lakhs own account enterprises operating without premises the Wholesale and retail trade accounted for the largest share (55.55%). The Manufacturing and Repair services had the share of 16.87% followed by Transport (6.94%), Community social and personal service (6.53%) and Construction (5.79%).

4.20 Out of the total own account non-agricultural enterprises 4.84% were owned by Scheduled Tribe and Scheduled Caste. The share of Scheduled Caste was 4.07%. In enterprises owned by Scheduled Tribe, the largest share goes to manufacturing and repair services (46.51%) followed by wholesale and retail trade (23.34%) and community social and personal service (19.72%). In the case of Scheduled Caste owned own-account-enterprises the maximum share also goes to manufacturing and repair services (60.69%). The community social and personal service stands second (19.91%).

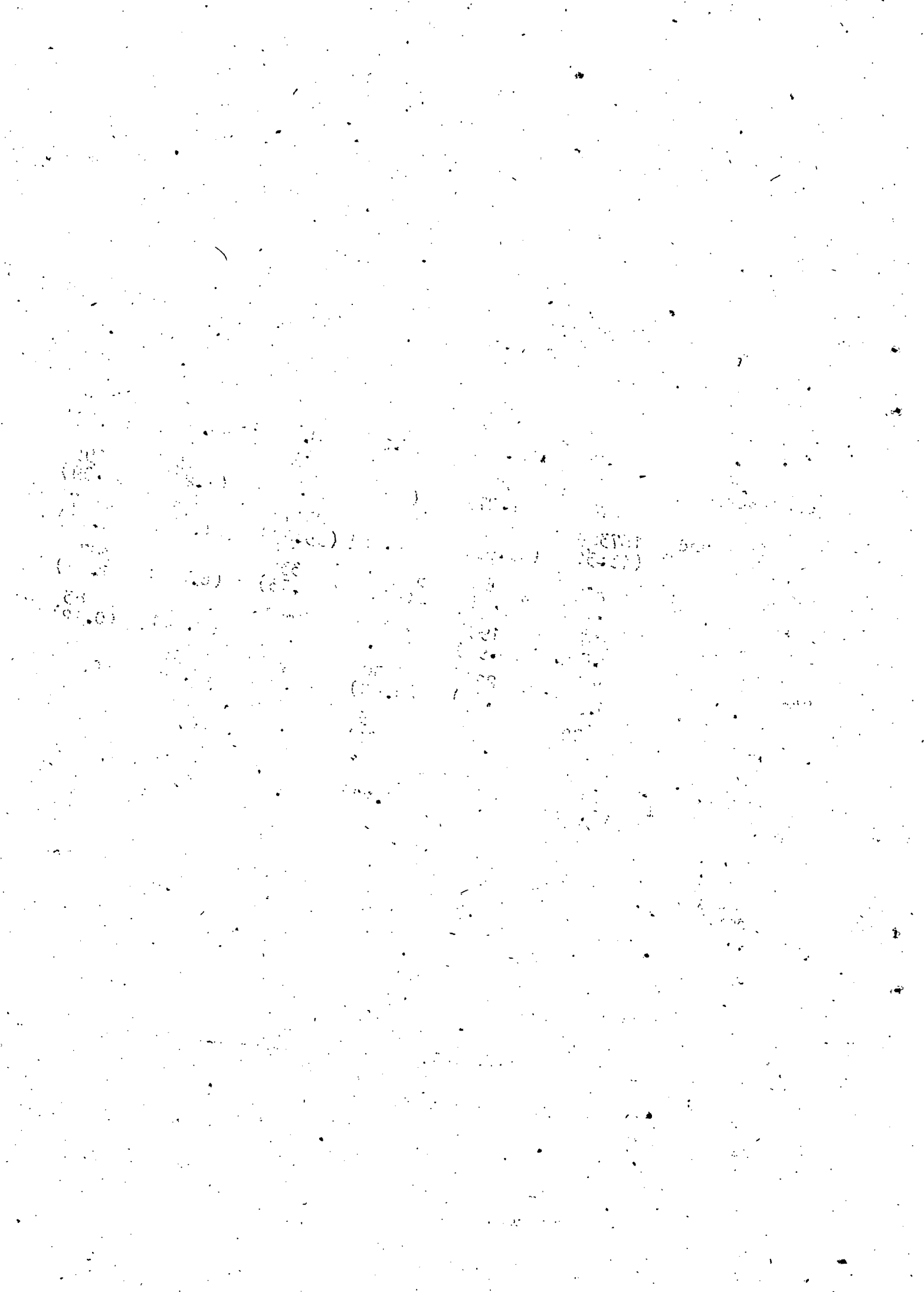
4.21 It will be noticed from Table 4.5 that among the 4.33 lakhs rural own account non-agricultural enterprise, 0.22 lakhs were seasonal enterprises. 47.31% of the seasonal enterprises were in manufacturing and repair services followed by wholesale and retail trade (33.69%) and community social and personal services (7.75%). These three activity groups together accounted for more than 88% of the total seasonal enterprises.



Table: 4.5 Selected characteristics of non-agricultural own-account enterprises by major activity groups (Rural)

Major Activity Group	Own	Seasonal	Power/ fuel used	Without premises	Owned by	
	account enter- prises				S.C.	S.T.
1	2	3	4	5	6	7
Mining and quarrying.	2141 (0.50)	288 (1.30)	17 (0.02)	2072 (4.60)	43 (1.22)	417 (2.11)
Manufacturing & repair services	118438 (27.36)	10447 (47.31)	26814 (30.15)	8207 (18.22)	1723 (49.02)	12468 (63.15)
Electricity, gas and water	263 (0.06)	78 (0.35)	221 (0.25)	19 (0.04)	3 (0.08)	1 (0.00)
Construction	2596 (0.60)	280 (1.27)	31 (0.03)	2414 (5.36)	45 (1.28)	195 (0.99)
Wholesale and retail trade	187389 (43.30)	7440 (33.69)	2150 (2.42)	25172 (55.89)	762 (21.68)	2387 (12.09)
Restaurants and hotels.	62279 (14.39)	968 (4.38)	54277 (61.03)	330 (0.73)	228 (6.49)	387 (1.96)
Transport	3161 (0.73)	199 (0.90)	2084 (2.34)	2692 (5.98)	12 (0.34)	83 (0.42)
Storage and Warehousing.	1060 (0.24)	220 (1.00)	30 (0.03)	17 (0.04)	16 (0.46)	2 (0.01)
Communication	22 (0.01)	2 (0.01)	5 (0.01)	3 (0.01)	0 (0.00)	3 (0.01)
Financing, Insurance, real estate and business services.	5120 (1.18)	371 (1.68)	244 (0.27)	1034 (2.30)	15 (0.43)	45 (0.23)
Community social and personal services.	49770 (11.50)	1711 (7.75)	2943 (3.31)	2925 (6.49)	665 (18.92)	3721 (18.85)
Others	580 (0.13)	79 (0.36)	120 (0.14)	151 (0.34)	3 (0.08)	35 (0.18)
All activities	432819 (100.00)	22083 (100.00)	88936 (100.00)	45036 (100.00)	3515 (100.00)	19744 (100.00)

4.22 Among the 0.89 lakhs own account enterprises operating with power/fuel, 61.03% in Restaurants and hotels, 30.15% in Manufacturing and Repair services, 3.31% in Community Social and personal services and more than 2% each in Wholesale and Retail trade and in Transport.



4.23 As many as 0.45 lakhs forming 10.41% of the total own-account enterprises in rural areas, were working without premises. Of these 55.89% were in wholesale and retail trade, 18.22% were in manufacturing and repair services, 6.49% in community social and personal services and 5.98% in transport. The share of construction was 5.36%.

4.24 Out of the 4.33 lakhs own account enterprises in rural non-agricultural enterprises 5.37% were owned by Scheduled Tribes and Scheduled Caste of which the share of scheduled caste was 4.56%. In own account enterprises owned by scheduled tribe the maximum share was in Manufacturing and Repair services (49.02%) followed by restaurants and hotels (21.68%) and Community social and personal services (18.92%). In the case of own account enterprises owned by scheduled caste the largest share was also in Manufacturing and Repair services (63.15%). Community social and personal services stands second (18.85%).

4.25 It will be seen from table 4.6 that urban areas had 1.1 lakh own account enterprises of which only 0.03 lakhs were seasonal enterprises. Among these seasonal enterprises 40.45% were in wholesale and retail trade. The manufacturing and repair service had the share of 39.17%.

4.26 Out of the total own account enterprises in urban areas 0.15 lakhs (13.20%) were operating with power/fuel. As in the case of rural areas the restaurants and hotels had the largest share (43.71%) of enterprises using power/fuel in urban areas followed by manufacturing and repair services (38.38%) and community social and personal services (8.04%).

4.27 It will be seen that 0.1 lakhs own account enterprises in urban areas (9.34%) were operating without fixed premises of which the Wholesale and retail trade had the largest share viz. 54.02%, followed by transport (11.17%), Manufacturing and Repair service (10.96%) and community social and personal services (6.67%). The Construction activity was accounted for 7.69% of the total own-account enterprises which were operating without premises.

4.28 Out of the total own account non-agricultural enterprises in urban areas 2.75% were owned by Scheduled Caste and Scheduled Tribes. The Scheduled Caste had the share 2.13%.

1970 List of ...
...
...
...
...

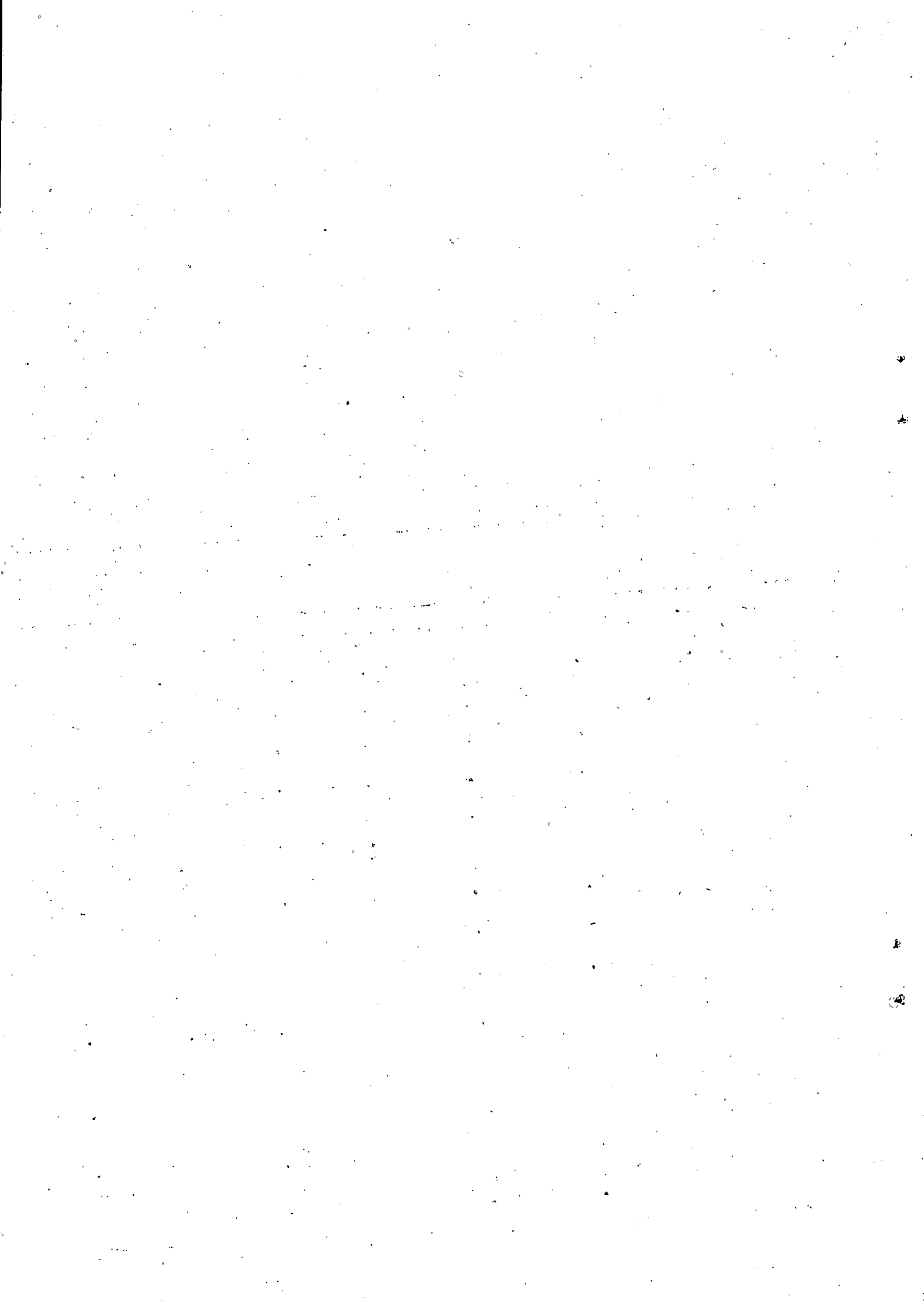
...
...
...
...

...
...
...

4.29 Among the own enterprises owned by Scheduled Tribe the manufacturing and repair service had the largest share of 33.62% followed by wholesale and retail trade (31.87%) and community social and personal service (23.83%). No enterprise was seen owned by Scheduled Tribe in mining and quarrying, electricity gas and water, storage and warehousing and in communication. In the case of own account enterprises owned by Scheduled Caste the maximum share was in manufacturing and repair services (39.98%), followed by community social and personal service (28.86%), and wholesale and retail trade (21.23%). There were no own account enterprises owned by Scheduled Caste in urban area in Electricity gas and water, storage and warehousing and in communication.

Table: 4.6 Selected characteristics of non-agricultural own-account enterprises by major activity groups (Urban)

Major activity group	Own account enterprises	Seasonal	Power/fuel used	Without premises	Owned by	
					Scheduled Tribe	Scheduled Caste
1	2	3	4	5	6	7
Mining and quarrying.	114 (0.10)	16 (0.49)	3 (0.02)	103 (1.00)	0 (0.00)	12 (0.51)
Manufacturing & repair services.	29262 (26.57)	1278 (39.17)	5583 (38.38)	1127 (10.96)	230 (33.62)	938 (39.98)
Electricity gas and water	46 (0.04)	5 (0.15)	18 (0.12)	12 (0.12)	0	0
Construction	933 (0.85)	107 (3.28)	11 (0.08)	791 (7.69)	6 (0.88)	46 (1.96)
Wholesale and retail trade	50945 (46.26)	1320 (40.45)	555 (3.81)	5555 (54.02)	218 (31.87)	498 (21.23)
Restaurants and Hotels.	8251 (7.49)	92 (2.82)	6359 (43.71)	129 (1.26)	58 (8.48)	96 (4.09)
Transport	1515 (1.38)	32 (0.98)	543 (3.73)	1149 (11.17)	2 (0.29)	55 (2.35)
Storage and Warehousing.	947 (0.86)	43 (1.32)	17 (0.12)	0	0	0
Communication	5 (0.00)	0 (0.00)	0 (0.00)	0	0	0
Financing, Insurance, real estate and business services.	3590 (3.26)	66 (2.02)	93 (0.64)	526 (5.12)	6 (0.88)	15 (0.64)
Community social and personal services.	14041 (12.75)	292 (8.95)	1169 (8.04)	686 (6.67)	163 (23.83)	677 (28.86)
Others	483 (0.44)	12 (0.37)	196 (1.35)	205 (1.99)	1 (0.15)	9 (0.38)
All activities	110132 (100.00)	3263 (100.00)	14547 (100.00)	10283 (100.00)	684 (100.00)	2346 (100.00)



INTER STATE COMPARISON

4.30. The Central Statistical Organisation, Department of Statistics, Ministry of Planning, Government of India have already published the all India report on Economic Census 1980. The results in the Central Statistical Organisation's report are excluding those of Assam, Bihar, Kerala and Lakshadweep. The distribution of own account enterprises, persons usually working, female workers in non agricultural own account enterprises in various states and union territories and by rural urban locations are given in table 4.7, 4.8 and 4.9 respectively in the all India report. These tables are presented in this report including the result of Kerala.

There were 5.43 lakh non agricultural-own-account-enterprises in Kerala of which 4.33 lakhs were in rural sector and the remaining were in urban sector. This 5.43 lakh accounted for 4.77% of the total enterprises in all states and union territories of India except Assam, Bihar and Lakshadweep. This percentage in rural and urban sectors for Kerala were 6.18 and 2.51 respectively. The highest percentage in the number of non agricultural own account enterprise was seen in Uttar Pradesh (13.92%). The distribution of non agricultural own account enterprises by all states union territories and by rural urban location is given in table 4.7.

4.7. Distribution of non-agricultural own account enterprises by States/Union Territories.

.....

State/Union Territories	Rural		Urban		Rural & Urban	
	Number	%	Number	%	Number	%
1	2	3	4	5	6	7
Andhra Pradesh	800306	11.43	306033	6.98	1106339	9.71
Gujarat	317239	4.53	300881	6.86	618120	5.43
Haryana	123025	1.76	114761	2.62	237786	2.09
Himachal Pradesh	81208	1.16	14580	0.33	95788	0.84
Jammu and Kashmir	79493	1.13	46954	1.07	126447	1.11
Karnataka	526028	7.51	312705	7.13	838733	7.37
Kerala	432819	6.18	110132	2.51	542951	4.77
Madhya Pradesh	636446	9.09	337912	7.71	974358	8.56
Maharashtra	616841	8.81	489584	11.17	1106425	9.72

Contd.....

1	2	3	4	5	6	7
Manipur	11902	0.17	11328	0.26	23230	0.20
Meghalaya	7337	0.10	5612	0.13	12949	0.11
Nagaland	2757	0.04	3444	0.08	6201	0.06
Orissa	454510	6.49	111795	2.55	500305	4.97
Punjab	145675	2.08	173271	3.95	318946	2.80
Rajasthan	400024	5.71	256391	5.85	656415	5.76
Sikkim	2434	0.03	1503	0.03	3937	0.04
Tamil Nadu	675956	9.65	506332	11.55	1182288	10.38
Tripura	27168	0.39	9328	0.21	36496	0.32
Uttar Pradesh	870765	12.43	714954	16.31	1585719	13.92
West Bengal	739764	10.56	382400	8.72	1122164	9.85
Andaman & Nicobar Islands	2523	0.04	893	0.02	3416	0.03
Arunachal Pradesh	3218	0.05	658	0.02	3876	0.03
Chandigarh	638	0.01	8452	0.19	9090	0.08
Dadra & Nagar Haveli	593	0.01	201	0.00	794	0.01
Delhi	18884	0.27	143262	3.27	162146	1.42
Goa, Daman and Diu	18410	0.26	11772	0.27	30182	0.27
Mizoram	3029	0.04	3131	0.07	6160	0.05
Pondicherry	5251	0.07	6133	0.14	11384	0.10
	7004243	100.00	4384402	100.00	11388645	100.00

Note : Excluding Assam, Bihar and Lakshdweep.

4.31. The state/union territory wise distribution of employment in non agricultural own account enterprises are given in Table 4.8. There were 7.05 lakh persons working in all the non agricultural enterprises in Kerala which is accounted for 4.16% of the total persons working in non agricultural own account enterprises in all the states/union territories listed in the table. Out of the total employees in all the non-agricultural own account enterprises, 5.62 lakhs were in rural areas and 1.43 lakhs were in urban areas. The percentage share of rural and urban employment in the state was 5.39 and 2.19 respectively. Kerala is having the 11th place among the states/union territories in the total number of employees accommodated by the non agricultural own account enterprises. The total employment in all the states/union territories except Assam, Bihar and Lakshadweep was found to be 16.95 lakhs of which 10.44 lakhs were in rural sector and 6.51 lakhs in the urban sector.

Contd.....

Table 4.8, Distribution of persons working in non agricultural own account enterprise by states/union territories and by rural urban location - All India

....

States/Union territories	Rural		Urban		Rural & Urban	
	Number ('00)	%	Number ('00)	%	Number ('00)	%
1	2	3	4	5	6	7
Andhra Pradesh	13254	12.70	4776	7.34	18030	10.64
Gujarat	4379	4.20	4441	6.82	8820	5.20
Haryana	1638	1.57	1603	2.46	3241	1.91
Himachal Pradesh	980	0.94	204	0.31	1184	0.70
Jammu & Kashmir	972	0.93	617	0.95	1589	0.94
Karnataka	7824	7.50	4878	7.49	12702	7.50
Kerala	5623	5.39	1427	2.19	7050	4.16
Madhya Pradesh	9441	9.05	5202	7.99	14643	8.64
Maharashtra	8499	8.14	7224	11.10	15723	9.28
Manipur	202	0.19	196	0.30	398	0.24
Meghalaya	114	0.11	80	0.12	194	0.12
Nagaland	53	0.05	61	0.09	114	0.07
Orissa	7215	6.91	1547	2.38	8762	5.17
Punjab	1840	1.76	2517	3.87	4357	2.57
Rajasthan	5673	5.44	3753	5.77	9426	5.56
Sikkim	36	0.03	24	0.04	60	0.04
Tamil Nadu	10773	10.32	7841	12.05	18614	10.98
Tripura	375	0.36	124	0.19	499	0.29
Uttar Pradesh	13739	13.16	10643	16.35	24382	14.39
West Bengal	10923	10.47	5534	8.50	16457	9.71
Andaman & Nicobar Islands	36	0.03	12	0.02	48	0.03
Arunachal Pradesh	48	0.05	11	0.01	59	0.03
Chandigarh	8	0.01	134	0.21	142	0.08
Dadra & Nagar Haveli	8	0.01	3	0.00	11	0.01
Delhi	243	0.23	1959	3.01	2202	1.30
Goa, Daman & Diu	351	0.34	153	0.24	504	0.30
Mizoram	47	0.04	44	0.07	91	0.05
Pondicherry	70	0.07	83	0.13	153	0.09
Excluding Assam, Bihar and Lakshadweep	104364	100.00	65091	100.00	169455	100.00

Contd....

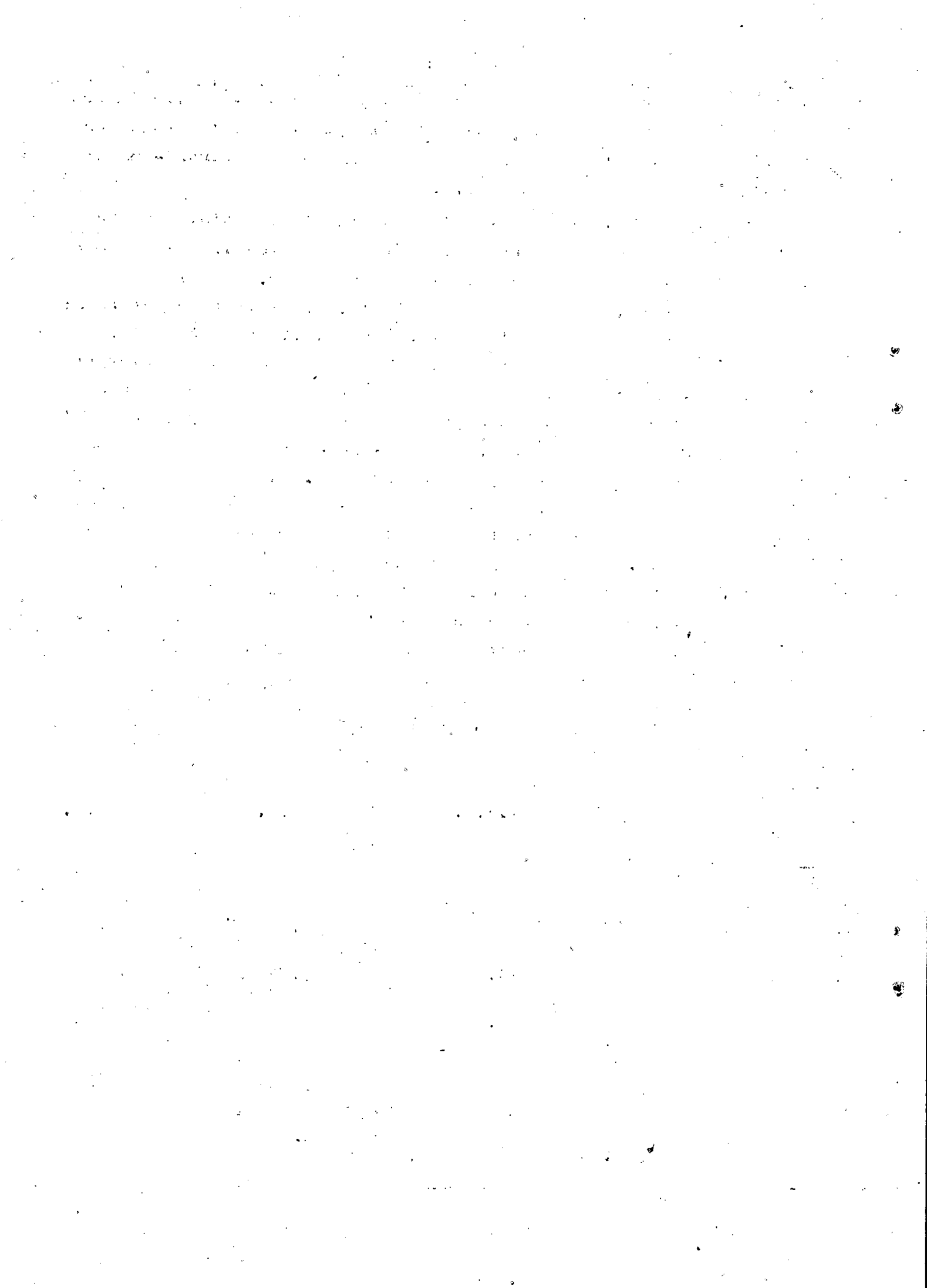
4.32. The number of females working and the percentage of females to total persons working (female employment rate - f.e.r) in non agricultural own account enterprises in all the state and Union territories except Assam, Bihar and Lakshadweep by rural - urban locations are given in table 4.9.

There were 1.31 lakhs females working in the State in the non-agricultural own account enterprises of which 1.09 lakhs were in rural sector 0.22 lakhs were in urban sector. The female employment rate (f.e.r) for Kerala is 18.60. This rate for rural and urban sector is found to be 19.44 and 15.27 respectively. The percentage of total females working in non agricultural enterprise in the State to the total number of all females working in non agricultural own account enterprises in all states and union territories is found to be 4.08. This percentage for rural and urban sectors is 4.72 and 2.42 respectively. Kerala got the 12th place in the female employment rate when compared to the rate of other state and union territories. The highest rate is seen in Mizoram viz. 46.62 and Manipur is having the Second place. As far as the rural sector is concerned kerala got the 13th place in the female employment rate among other states and union territories. But in the urban sector kerala got the 10th place.

4.9. Distribution of female workers in non-agricultural own account enterprises and female employment rates by States/ Union Territories & by rural urban location - All India.

State/Union Territory	Rural		Urban		Rural & Urban	
	Female workers ('00)	F.E.R.	Female workers ('00)	F.E.R.	Female workers ('00)	F.E.R.
1	2	3	4	5	6	7
1. Andhra Pradesh	3918 (16.93)	29.56	950 (10.57)	19.89	4868 (15.15)	27.00
2. Gujarat	679 (2.93)	15.51	352 (3.92)	7.93	1031 (3.21)	11.69
3. Haryana	145 (0.63)	8.86	50 (0.56)	3.10	195 (0.61)	6.01
4. Himachal Pradesh	71 (0.31)	7.26	10 (0.11)	4.69	81 (0.25)	6.83
5. Jammu & Kashmir	57 (0.25)	5.83	23 (0.26)	3.69	80 (0.25)	5.00

Contd....



1	2	3	4	5	6	7
6. Karnataka	2268 (9.80)	28.99	1062 (11.82)	21.77	3330 (10.36)	26.22
7. Kerala	1093 (4.72)	19.44	218 (2.42)	15.27	1311 (4.08)	18.60
8. Madhya Pradesh	2379 (10.28)	25.20	847 (9.42)	16.28	3226 (10.04)	22.03
9. Maharashtra	1584 (6.84)	18.64	1038 (11.55)	14.37	2622 (8.16)	16.68
10. Manipur	95 (0.41)	47.29	87 (0.97)	44.26	182 (0.57)	45.80
11. Meghalaya	43 (0.19)	37.69	24 (0.27)	29.67	67 (0.21)	34.39
12. Nagaland	10 (0.04)	19.44	8 (0.09)	12.77	18 (0.06)	15.88
13. Orissa	2030 (8.77)	28.14	205 (2.28)	13.26	2235 (6.96)	25.51
14. Punjab	99 (0.43)	5.37	55 (0.61)	2.18	154 (0.48)	3.53
15. Rajasthan	875 (3.78)	15.43	414 (4.61)	11.02	1289 (4.01)	13.67
16. Sikkim	8 (0.03)	21.62	4 (0.04)	15.82	12 (0.04)	19.28
17. Tamil Nadu	3334 (14.41)	30.94	1983 (22.06)	25.29	5317 (16.55)	28.56
18. Tripura	41 (0.18)	10.73	3 (0.03)	2.81	44 (0.14)	8.76
19. Uttar Pradesh	2143 (9.26)	15.59	1071 (11.92)	10.07	3214 (10.00)	13.18
20. West Bengal	2037 (8.80)	18.65	395 (4.39)	7.15	2432 (7.57)	14.78
21. Andaman & Nicobar Islands	4 (0.02)	10.96	1 (0.01)	7.70	5 (0.02)	10.11
22. Arunachal Pradesh	6 (0.03)	13.05	1 (0.01)	5.38	7 (0.02)	11.57
23. Chandigarh	@	2.48	8 (0.09)	6.11	8 (0.02)	5.90
24. Dadra & Nagar Haveli	2 (0.01)	21.34	@	9.66	2 (0.01)	18.12
25. Delhi	23 (0.10)	9.50	119 (1.32)	6.10	142 (0.44)	6.47
26. Goa, Daman & Diu	161 (0.69)	45.91	23 (0.26)	14.72	184 (0.57)	36.43
27. Mizoram	21 (0.09)	43.27	22 (0.24)	50.17	43 (0.13)	46.62
28. Pondicherry	16 (0.07)	23.15	15 (0.17)	17.72	31 (0.09)	20.22
Total	23142	22.17	8988	13.81	32130	18.96
Excluding Assam, Bihar & Lakshadweep	(100.00)		(100.00)		(100.00)	

Non-Agricultural Establishments

4.33. It has already been stated that as per 1980 Economic Census there were 2.83 lakh non agricultural establishments in the state. This is accounted for 34.23% of the total non agricultural activities. Out of the total non agricultural establishments 1.9 lakhs (67.21%) were in rural areas and 0.93 lakhs (32.79%) were in urban areas. The total persons usually working in all non agricultural establishment were found to be 16.7 lakhs of which 9.8 lakhs (58.72%) were in rural establishments and the remaining 6.9 lakhs (41.28%) were in urban establishments.

4.34. Table 4.10 presents the distribution of non agricultural establishments and employment therein by major activity groups and by rural-urban location. It will be seen from table 4.10 that out of the total of 2.83 lakh non agricultural establishments enumerated in the Economic Census, the dominant number of establishments belonged to the major activity-groups of manufacture and repair services which accounted for 31.29% of the total establishments. The next important major activity group in terms of number of establishments was community social and personal services with 28.56% followed by Whole Sale and Retail trade which accounted for 22.96%. The only other activity group which had a sizable (more than 5 percent) number of establishments was Restaurants and hotels (6.86%). The activity groups Mining and Quarrying Electricity Gas and Water, Construction, Storage and Warehousing and Others have less than one percent share in the total number of establishments.

4.35. Out of the 16.7 lakhs persons employed in all non-agricultural establishments, 38.27% of them were in manufacturing and repair services establishments another 35.37% were in Community Social and personal services. The wholesale and Retail trade accounted for only 10.99%. The four activity groups, viz. Mining and Quarrying, Electricity Gas and Water, Construction and Storage and Warehousing/^{and others} had each less than one percent of the total employment in all activities.

Contd.....

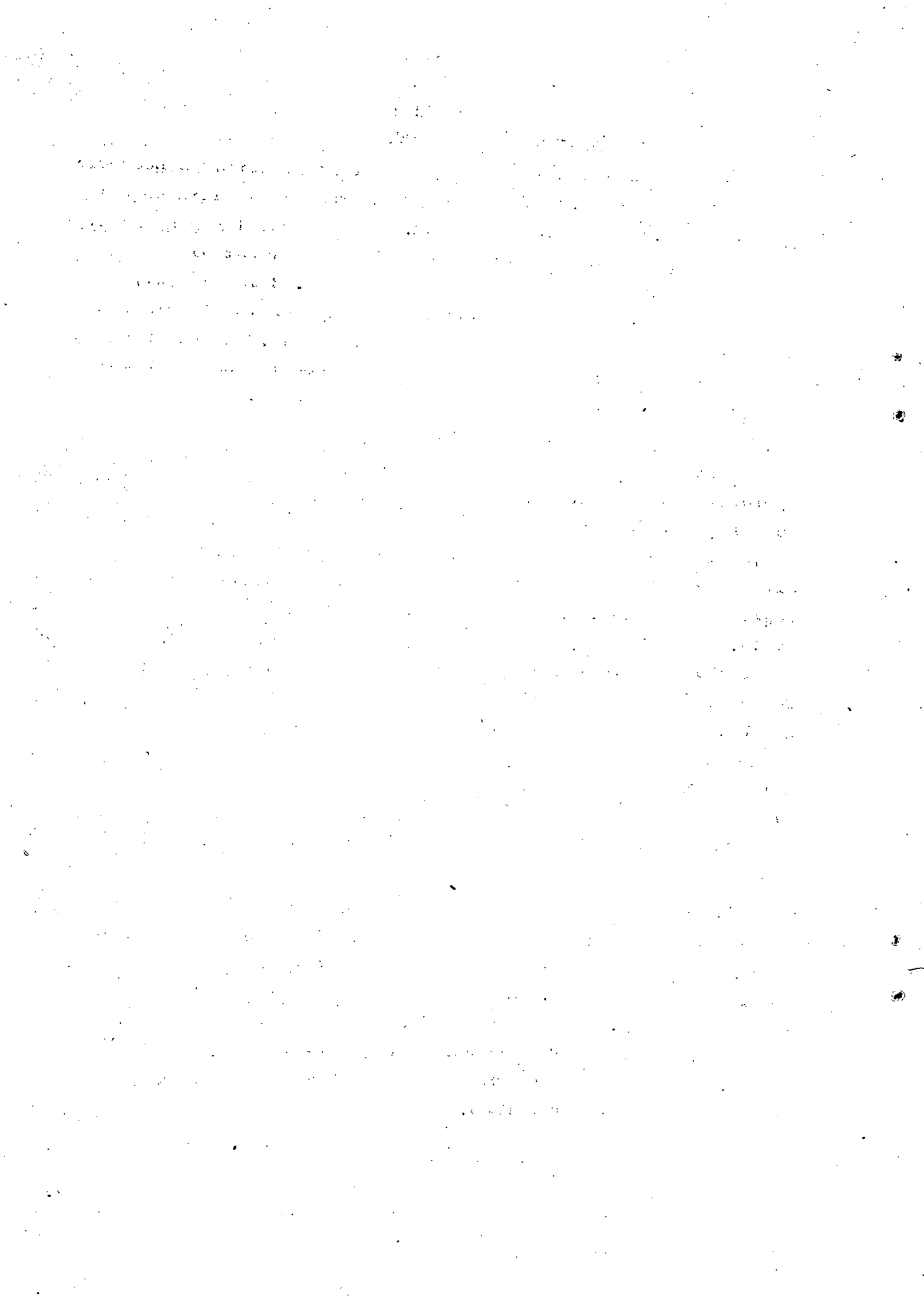


Table 4.10 Distribution of non-agricultural establishments and employment therein by major activity groups and by rural-urban location.

Major activity group	Rural		Urban		Rural and Urban	
	Establi- shment.	Employ- ment	Establi- shment	Employ- ment	Establi- shment	Employ- ment.
Mining & quarrying	1197 (0.63)	4163 (0.42)	75 (0.08)	309 (0.04)	1272 (0.45)	4472 (0.27)
Manufacture and repair services	60013 (31.59)	420858 (42.91)	28421 (30.67)	218472 (31.68)	88434 (31.29)	639330 (38.27)
Electricity gas and Water	1007 (0.53)	5084 (0.52)	278 (0.30)	3624 (0.53)	1285 (0.45)	8708 (0.52)
Construction	1630 (0.86)	5644 (0.57)	713 (0.77)	2850 (0.41)	2343 (0.83)	8494 (0.51)
Wholesale and Retail trade	38442 (20.24)	96791 (9.87)	26446 (28.54)	86766 (12.58)	64888 (22.96)	183557 (10.99)
Restaurants and hotels	12458 (6.56)	38432 (3.92)	6927 (7.47)	34268 (4.97)	19385 (6.86)	72700 (4.35)
Transport	2054 (1.08)	6489 (0.66)	2073 (2.24)	28669 (4.16)	4127 (1.46)	35158 (2.11)
Storage and warehousing	1233 (0.65)	3614 (0.37)	968 (1.04)	4113 (0.60)	2201 (0.78)	7727 (0.46)
Communications	3997 (2.10)	14315 (1.46)	768 (0.83)	14605 (2.12)	4765 (1.69)	28920 (1.73)
Financing, Insurance real estate & business services	6280 (3.31)	32358 (3.30)	5327 (5.75)	43848 (6.36)	11607 (4.11)	76206 (4.56)
Community Social and personal service	60859 (32.04)	344265 (35.10)	19864 (21.44)	246505 (35.74)	80723 (28.56)	590770 (35.37)
Others	784 (0.4)	8796 (0.90)	804 (0.87)	5592 (0.81)	1588 (0.56)	14388 (6.86)
All activities	189954 (100.00)	980809 (100.00)	92664 (100.00)	689621 (100.)	282618 (100.00)	1670430 (100.00)

4.36. Out of the 2.83 lakhs non agricultural establishments in whole state about 1.90 lakhs were in rural sector and the remaining were in urban sector. The distribution of employment in the rural and urban sectors was found to be 9.81 lakhs and 6.9 lakhs respectively. The major activity group community social and personal services had the maximum number of establishments (32.04%) and accommodated 35.7% of persons working in the rural sector. The next important activity group in terms of number of non agricultural establishment and employment in rural area was Manufacturing and repair services*. The five activity groups Mining and Quarrying, Electricity gas and Water, Construction, Storage and warehousing and Others had each less than 1% of the total number of establishments and employment in rural areas. The activity group Transport accounted for 1.08% of the total number of establishments in rural area, but the percentage of employment to the total employment in all activity groups is only 0.66%.

4.37. As already stated 0.93 lakhs non agricultural establishment were available in the urban sector with 6.9 lakhs employment. The activity group Manufacturing and Repair service was having the maximum number of non-agricultural establishment in the urban area, which is accounted for 30.67% of the total number of non-agricultural establishment in the urban sector. The second place goes to the activity group wholesale and retail trade (28.54%). Though the activity group Community Social and Personal Services got the third place in the number of establishment in urban area the sector had the maximum number of employment viz 35.74% of the total employment in the urban sector. The activity group Manufacturing and Repair service had only 31.68% of the total employment in all activity groups in the urban area. The activity groups Mining and quarrying, Electricity Gas and Water, Constructions/^{storage and ware housing} and Others had each less than 1% of the total number of employment and number of establishments in urban area.

4.38. Table 4.11 gives the distribution of females employed, hired workers and hired females by major activity group and by rural-urban location.

* 31.59% with 42.91% of persons working.

Contd.....

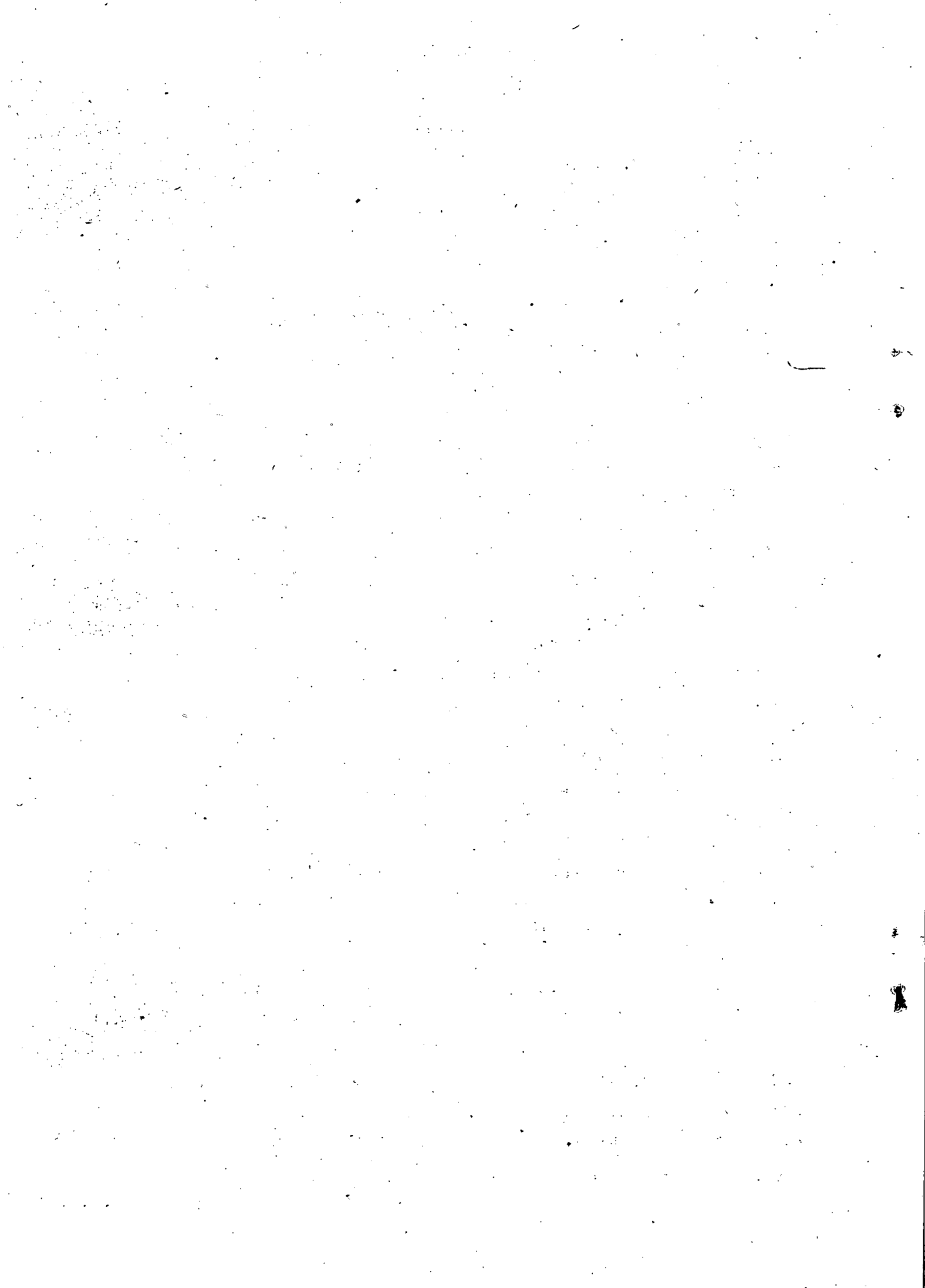
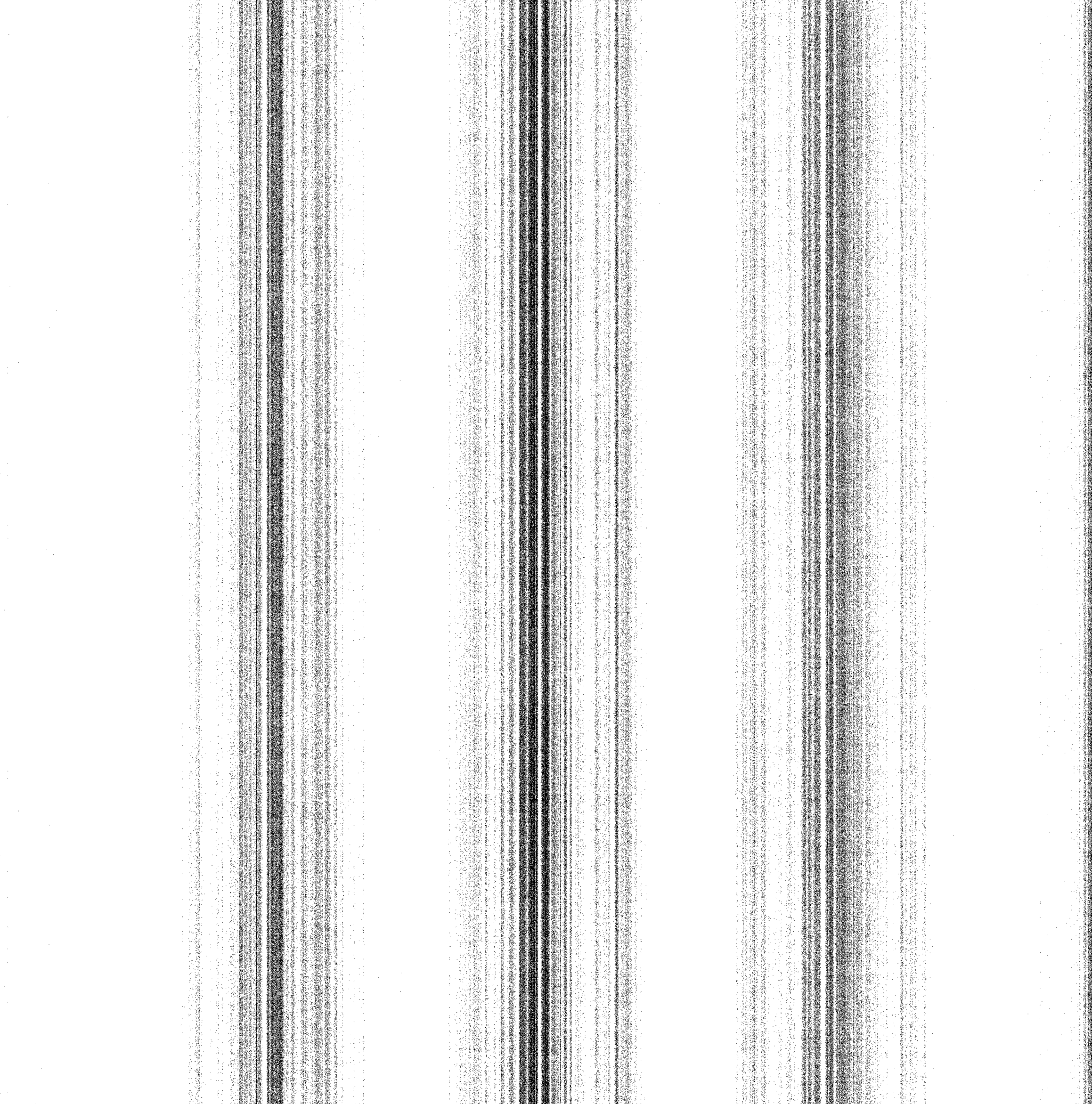


Table 4.11. Distributions of females employed, hired workers and hired females in non-agricultural establishments by major activity groups.

Major activity group	Rural			Urban			Rural and Urban		
	Total female	Hired work-ers.	Hired fe-males.	Total fema-le.	Hired work-ers.	hired fe-males.	Total fema-les.	hired work-ers.	hired females.
1	2	3	4	5	6	7	8	9	10
Mining and quarrying	987 (0.28)	3970 (0.45)	979 (0.29)	987 (0.07)	293 (0.05)	97 (0.07)	1085 (0.22)	4263 (0.28)	1076 (0.23)
Manufacturing & repair services	209760 (60.46)	381204 (42.98)	200761 (60.51)	52350 (37.50)	197647 (31.46)	51055 (37.50)	262610 (53.83)	578851 (38.20)	251816 (53.81)
Electricity Gas and Water	225 (0.06)	5057 (0.57)	225 (0.07)	305 (0.22)	3611 (0.58)	304 (0.22)	530 (0.11)	8668 (0.57)	529 (0.11)
Constructions	1125 (0.32)	5218 (0.57)	1116 (0.34)	417 (0.29)	2558 (0.41)	407 (0.30)	1542 (0.32)	7776 (0.51)	1523 (0.35)
Wholesale & Retail trade	5433 (1.57)	73031 (8.23)	4828 (1.45)	4088 (2.90)	65654 (10.54)	3635 (2.67)	9521 (1.95)	138685 (9.15)	8463 (1.81)
Restaurants & hotels	4779 (1.38)	24701 (2.79)	2584 (0.78)	2607 (1.85)	26921 (4.29)	1741 (1.28)	7386 (1.51)	51622 (3.41)	4325 (0.92)
Transport	238 (0.07)	5870 (0.66)	231 (0.07)	1333 (0.99)	27999 (4.46)	1382 (1.02)	1631 (0.33)	33869 (2.23)	1613 (0.34)
Storage & warehousing	691 (0.20)	3299 (0.37)	676 (0.20)	391 (0.28)	3904 (0.62)	381 (0.28)	1082 (0.22)	7203 (0.48)	1057 (0.23)
Communications	1724 (0.50)	14309 (1.61)	1723 (0.52)	2449 (1.74)	14600 (2.32)	2449 (1.80)	4173 (0.36)	23909 (1.91)	4172 (0.89)



1	2	3	4	5	6	7	8	9	10
Financing insurance real estate and business services.	7141 (2.06)	30800 (3.47)	7097 (2.14)	6481 (4.60)	40521 (6.45)	6361 (4.67)	13622 (2.79)	71321 (4.71)	13458 (2.88)
Community Social and personal services	111256 (32.07)	331173 (37.34)	108061 (32.57)	69051 (49.00)	239232 (38.08)	67538 (49.61)	180307 (36.96)	570405 (37.65)	175599 (37.53)
Others	3591 (1.03)	8361 (0.94)	3517 (1.06)	793 (0.56)	5223 (0.83)	791 (0.58)	4384 (0.90)	13584 (0.90)	4308 (0.92)
All activities	346950 (100.00)	886993 (100.00)	331798 (100.00)	140923 (100.00)	628163 (100.00)	136141 (100.00)	487873 (100.00)	1515156 (100.00)	467939 (100.00)

It will be observed from table 4.11 that out of 4.88 lakhs females employed in all the non agricultural establishments 2.63 lakhs (53.83%) of these were in Manufacturing and Repair services and another 36.96% (1.80 lakhs) in Community Social and personal services. The activity groups Mining and Quarrying, Electricity Gas and Water, Construction, Storage, warehousing and in Others had less than 1% of the female employment. In rural and urban sectors also the activity group manufacturing and repair service and Community Social and personal service were the most important activities in terms of number of females employed. These two sectors have more number of female in rural sector than in urban sector.

4.39. From the figures of the hired workers in each major activity groups it is seen that the two major activity groups Manufacturing and Repair service and Community social and personal service were the most important groups from the point of view of number and these two together accounted for about 75.85% of the total hired workers in all non agricultural establishments. In rural areas these two activity groups accounted for about 80% of the total hired workers and in urban areas these industry's share in the total hired workers was about 69.5%.

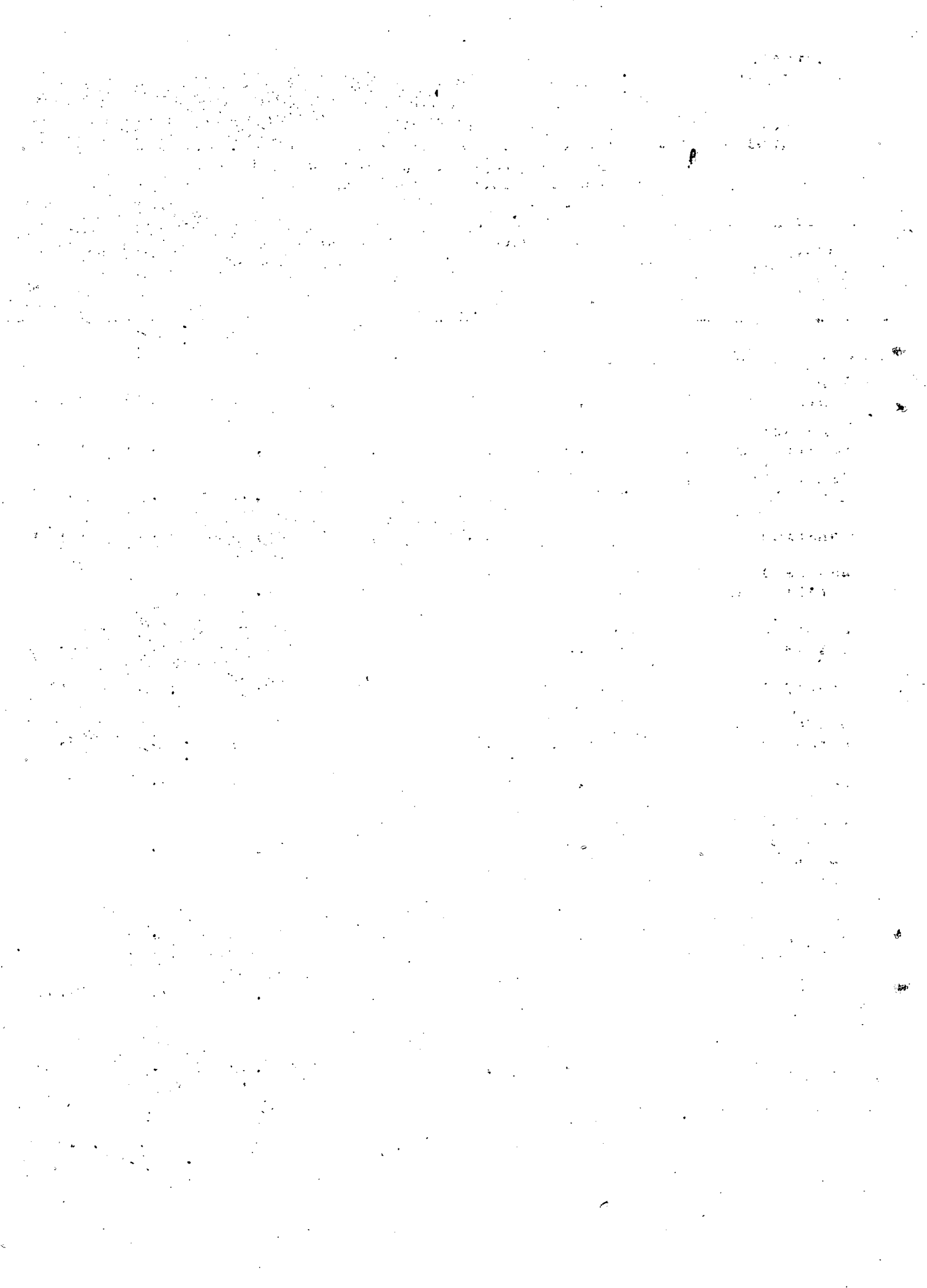
4.40. Table 4.12 gives the percentage distribution of hired workers and females employed to persons usually working in non-agricultural establishments by rural urban location. The table shows that the female employment rate was 29.21% in all activities level. It was highest in Manufacturing and Repair service (41.08%) followed by Community Social & personal services (30.52%). This percentage in others activities was 30.47% and in Mining and quarrying 24.26%, and in Construction the percentage was 18.15.

4.41. The female employment rate in rural area was 35.37 and for urban it was 20.43. The activity groups Manufacturing and Repair service, Constructions, Wholesale and retail trade. Storage and warehousing, Finance insurance real estate and Business Service, Community Social and personal Service and Others have higher percentages of female employment in rural areas than in urban areas. But the activity groups, Electricity gas and Water, Transport and Communication, the urban establishments show a higher percentage of female employment than in rural establishments.

Table 4.12 - Percentage distribution of Hired workers and females employed to persons usually working in non-agricultural establishments by major activity groups.

Major activity group	Rural		Urban		Rural and Urban	
	Hired workers	Females	Hired workers	Females	Hired workers	Females
1	2	3	4	5	6	7
Mining and quarrying	95.36	23.71	94.82	31.72	95.33	24.26
Manufacturing and repair services	90.58	49.84	90.47	24.19	90.54	41.08
Electricity gas and Water	99.47	4.43	99.64	8.42	99.54	6.07
Construction	92.45	19.93	89.75	14.63	91.55	18.15
Wholesale and retail trade	75.45	5.61	75.67	4.71	75.55	5.19
Restaurants and Hotels	64.27	12.43	78.56	7.61	71.01	10.16
Transport	90.46	3.67	97.66	4.86	96.33	4.64
Storage and warehousing	91.28	19.12	94.92	9.51	93.22	14.00
Communications	99.96	12.04	99.97	16.77	99.96	14.43
Financing, Insurance, real estate and Business services	95.19	22.07	92.41	14.78	93.59	17.88
Community, Social and Personal services	96.20	32.32	97.05	28.01	96.55	30.52
Others	95.05	40.83	93.40	14.28	94.41	30.47
All activities	90.43	35.37	91.09	20.43	90.70	29.21

Contd.....



4.42 It can be seen that hired workers constituted 90.70 percent of the total persons usually working in all non agricultural establishments. More than 90 percent of the total persons were hired persons working in different activity groups except the activity groups Wholesale and retail trade (75.55%) and Restaurants and hotels (71.01%). A near similar pattern exists in rural sector. But in urban sector less than 90% of hired workers were seen in Wholesale and retail trade (75.67%) Restaurants and hotels (78.56%) and in Construction (89.75%)

4.43. Manufacturing and Repair services

The number of establishments, persons usually working and females employed in establishments in the Manufacturing and Repair services sector classified according to industries at two digit level of NIC 1970 are shown in table 4.13.

4.44. Out of the 19 two digit level industries more than 50% of the total establishments were in three industries viz. Food products, Textile products and Beverages, Tobacco & Tobacco products. Food products accounted for 19.38% of the total Manufacturing and Repair services sector. In terms of employment also Food products ranked first. The second place goes to Textile products (16.94%). In the case of female employment Food products occupied the first position. The second position goes to Textile products (22.32%).

4.45. In terms of hired workers the maximum number of hired workers were in Food products (29.78%) followed by Textile products (15.63%). As regards hired female workers Food products accounted for the maximum number (48.82%) and this activity occupied the first position in the number of hired female workers. The Second Place goes to Textile products (20.81%). It can thus be seen that Food products and Textile products occupied more than 42% of the total establishment and more than 45% of the total employment more than 69% of the total female employment and also of the hired females in all the Manufacturing and repair services sector.

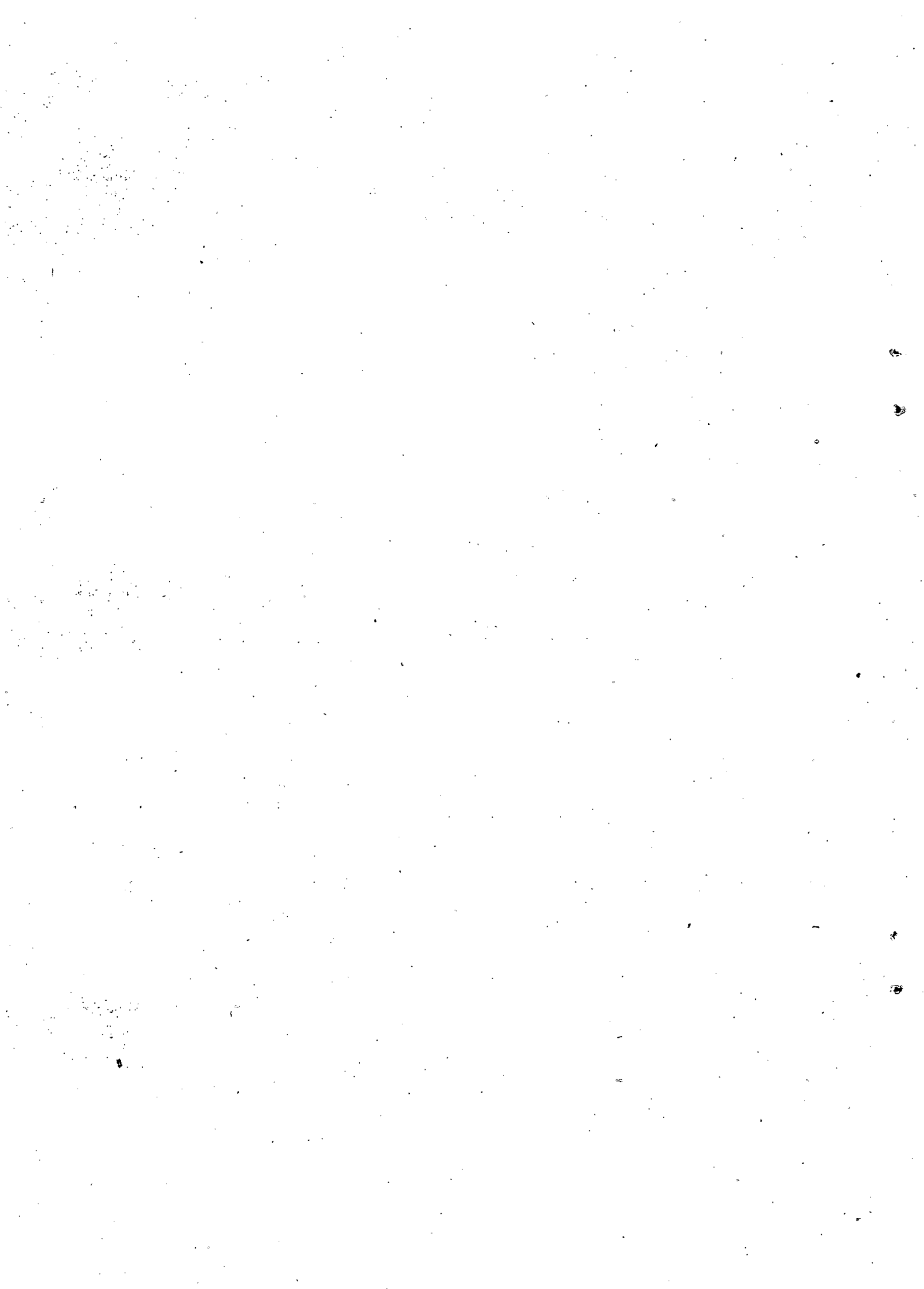
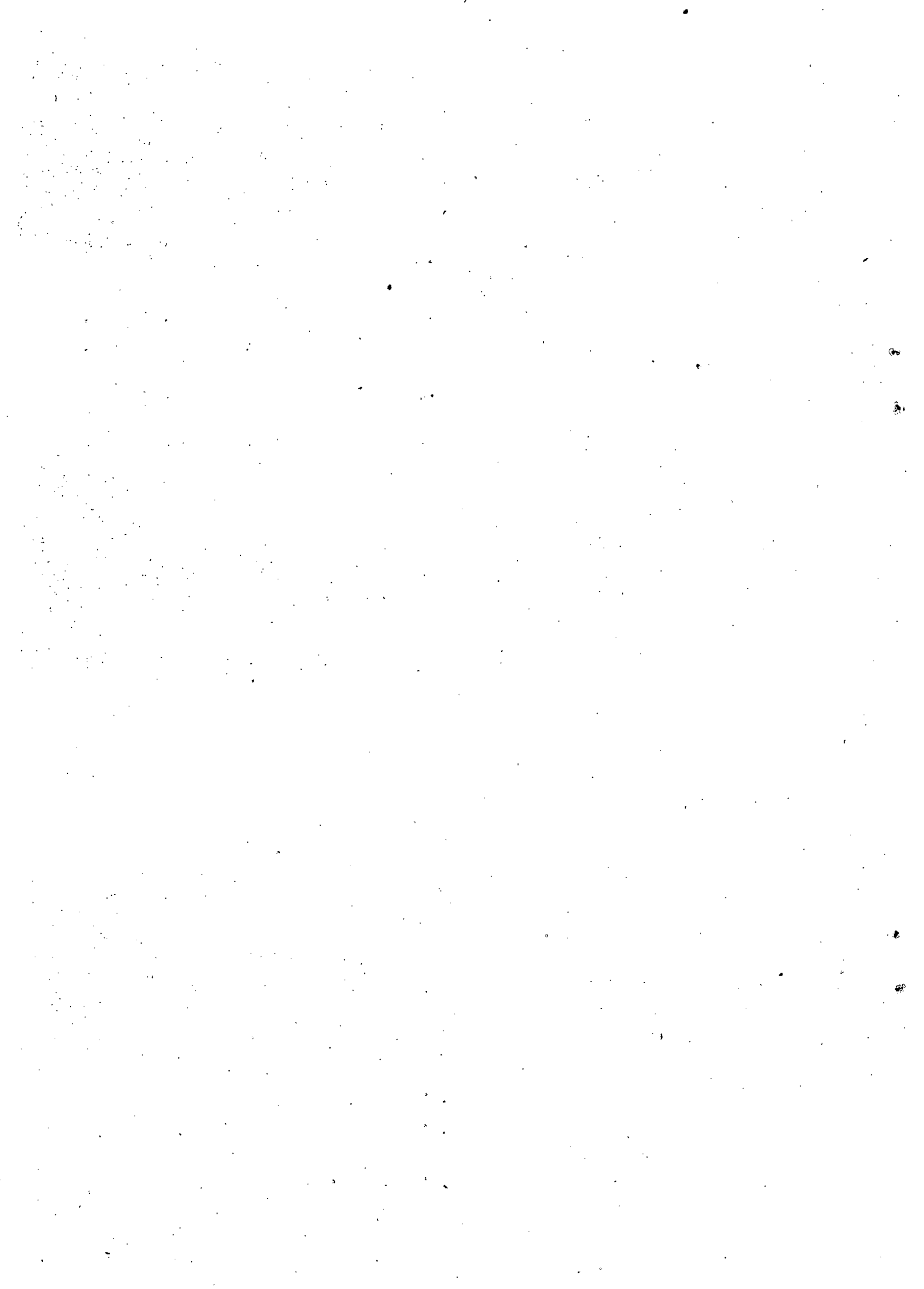


Table 4.13 Percentage distribution of establishments and employment there in Manufacturing and Repair services by two digit level Industries (State)

Code	Manufacturing and Repair Services. description	Establi- shments.	Employment		Hired	
			Total	Female	Total	Female
20,21	Food Products	19.38	28.79	47.28	29.78	48.82
22	Beverages, Tobacco and Tobacco products	9.83	8.05	5.21	8.57	5.29
23	Cotton Textiles	8.52	10.50	9.38	10.77	9.15
24	Wool, Silk and Synthetic Fibre textiles	0.07	0.68	0.09	0.75	0.09
25	Jute, Hemp and mesta textiles	0.03	0.02	0.01	0.02	0.01
26	Textile products	23.08	16.94	22.32	15.63	20.81
27	Wood and wood products furniture & fixtures	9.26	5.19	1.67	5.07	1.62
28	Paper and paper products and printing, publishing and Allied Industries	3.02	3.27	1.41	3.18	1.30
29	Leather, and leather and fur products	0.39	0.25	0.03	0.22	0.03
30	Rubber, Plastic, Petroleum and coal products	3.69	2.91	1.26	2.96	1.27
31	Chemical and Chemical Products	2.68	5.43	5.22	5.72	5.37
32	Non-Metallic mineral products	3.93	6.25	4.68	6.49	4.79
33	Basic metal and Alloys Industries	0.48	0.82	0.05	0.85	0.04
34	Metal Products and parts except machinery and transport equipments	3.41	2.25	0.27	2.10	0.26
35	Machinery, machine tools and parts except electrical machinery	0.18	0.21	0.04	0.21	0.05
36	Electrical machinery apparatus appliances and supplies and parts	0.20	1.15	0.53	1.25	0.56
37	Transport equipment and parts	0.23	0.61	0.06	0.66	0.06
38	Other Manufacturing Industries	3.37	1.59	0.26	1.36	0.25
39	Repair Services	8.25	5.09	0.23	4.41	0.23
	Manufacturing and Repair services	100.00	100.00	100.00	100.00	100.00



Inter-state Comparison

4.46. The Central Statistical Organisation in their report have published in table 4.14, 4.15, 4.16, 4.17, 4.18 and 4.19 the distribution of non agricultural establishments, persons usually working, females employed, average number of persons usually working, hired workers and hired female employment to total persons working in non agricultural establishments. These tables include data of all states and union territories except Assam, Bihar, Kerala and Lakshadweep. The details of Kerala are also included and tables given in this report.

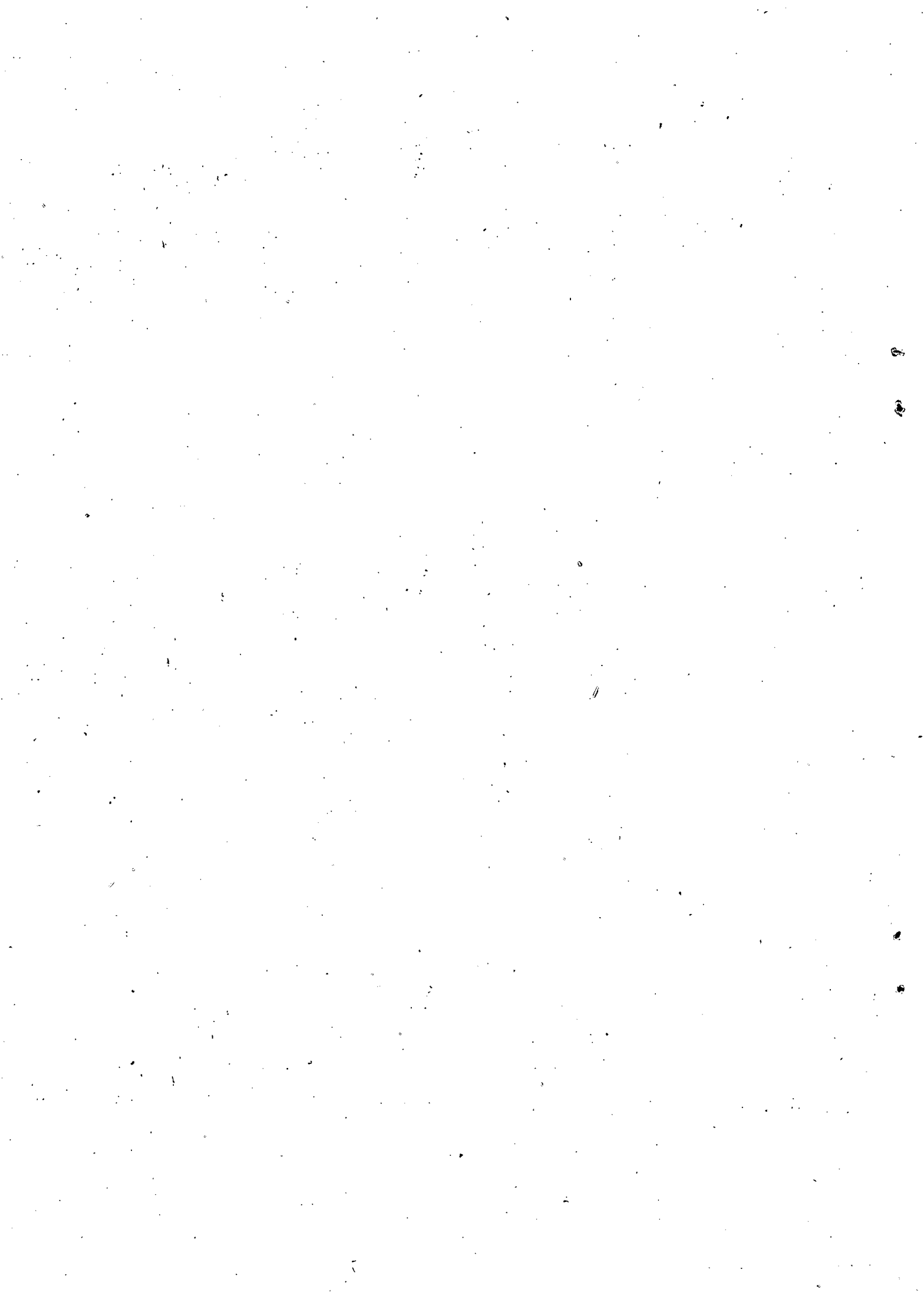
4.47. The distribution of non agricultural establishments by state and Union Territories, excluding Assam, Bihar and Lakshadweep and by rural urban sector is presented in table 4.14. There were 2.83 lakhs non agricultural establishments in Kerala which is accounted for 6.27% of the total non agricultural establishments, in all States and Union Territories of India, and Kerala had the 7th position among the States and Union Territories. The distribution of non agricultural establishments in rural and urban sectors was found to be 8.76% and 3.97% respectively in the non agricultural establishments of the whole States and Union Territories of India.

Table 4.14. Distribution of non-agricultural establishment by State/Union Territories and by rural-urban location. (All India *)

State/Union Territory	Rural		Urban		Rural & Urban	
	Number	Percentage	Number	Percentage	Number	Percentage
Andhra Pradesh	217244	10.01	146565	6.27	363809	8.08
Gujarat	127247	5.87	174445	7.46	301692	6.70
Haryana	27417	1.26	42843	1.83	70260	1.56
Himachal Pradesh	27785	1.28	9016	0.39	36801	0.82
Jammu & Kashmir	37287	1.72	23345	1.00	60632	1.35
Karnataka	215408	9.93	168597	7.22	384005	8.52
Kerala	189954	8.76	92664	3.97	282618	6.27
Madhya Pradesh	151670	6.99	125393	5.37	277063	6.15
Maharashtra	216862	10.00	364807	15.62	581669	12.91
Manipur	5195	0.24	3903	0.17	9098	0.20
Meghalaya	11618	0.53	5290	0.23	16908	0.38
Nagaland	5626	0.26	3503	0.15	9129	0.20
Orissa	125537	5.79	56512	2.42	182049	4.04
Punjab	47860	2.21	83724	3.58	131584	2.92
Rajasthan	108304	4.99	94734	4.06	203038	4.51
Sikkim	2173	0.10	1431	0.06	3604	0.08
Tamilnadu	217296	10.02	255989	10.96	473285	10.50
Tripura	9486	0.44	4764	0.20	14250	0.32
Uttar Pradesh	207370	9.56	282899	12.11	490269	10.88
West Bengal	188195	8.67	256125	10.96	444320	9.86
Andaman & Nicobar Islands	2235	0.10	1073	0.05	3308	0.07
Arunachal Pradesh	5172	0.24	1159	0.05	6331	0.14
Chandigarh	199	0.01	5906	0.25	6105	0.14
Dadra & Nagar Haveli	726	0.03	236	0.01	962	0.02
Delhi	6162	0.28	115506	4.94	121668	2.70
Goa, Daman & Diu	7952	0.37	7541	0.32	15493	0.34
Mizoram	4134	0.19	2442	0.10	6576	0.15
Pondicherry	3175	0.15	5533	0.24	8708	0.19
	2169289	100.00	2335945	100.00	4505234	100.00

* Excluding Bihar, Assam, Lakshadweep

Contd....



4.48. The State wise distribution of employment is presented in Table 4.15. Kerala got the 3th position in the number of persons usually working in non-agricultural establishments among all the States and Union Territories. The percentage distributions in Rural Sector was 9.71 and it was 3.28 in urban sector.

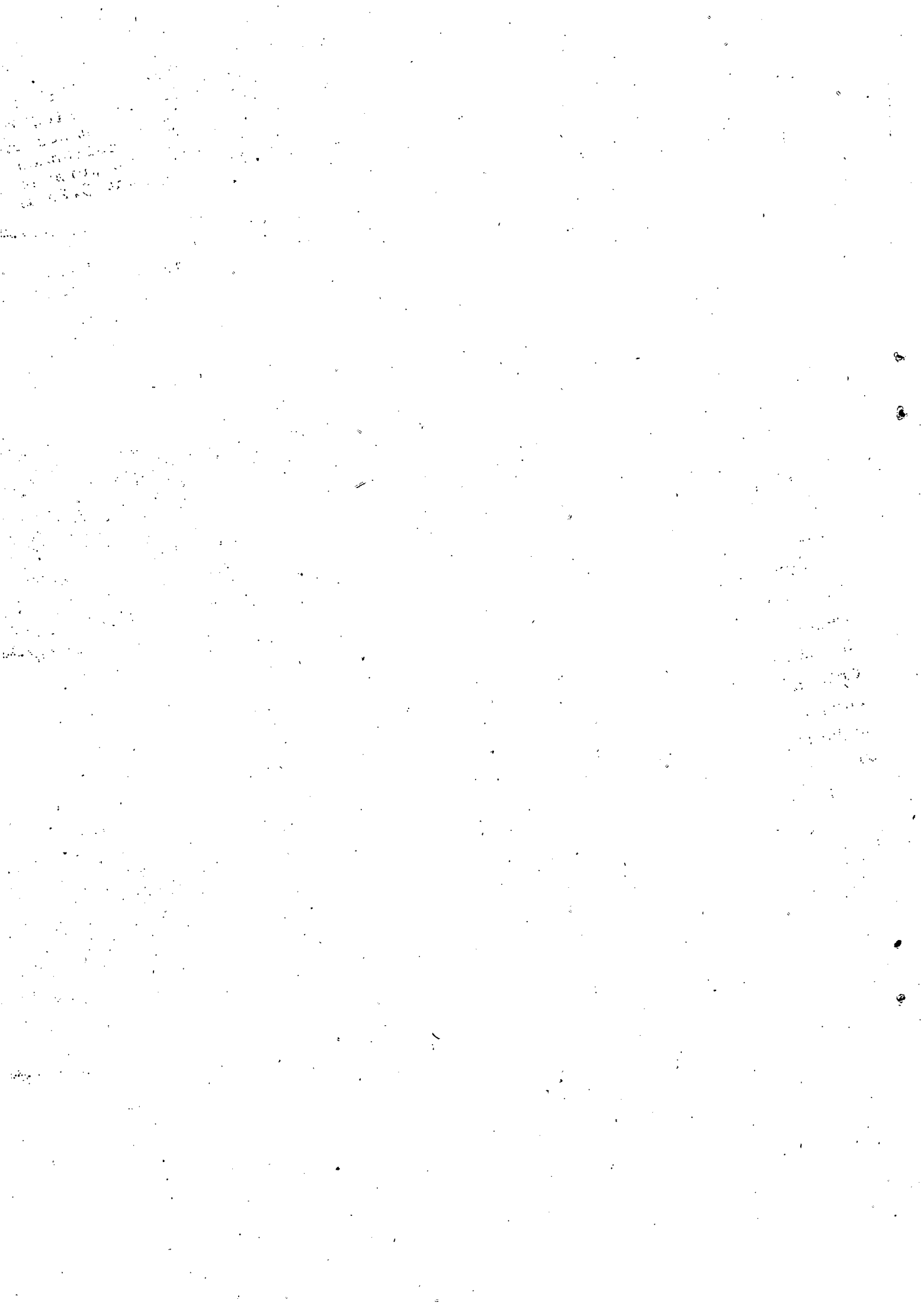
Table 4.15. Distribution of persons usually working in non-agricultural establishments by States/Union Territories and by rural-urban location.

All India *

State/Union Territory	Rural		Urban		Rural & Urban	
	Number ('00)	Percentage	Number ('00)	Percentage	Number ('00)	Percentage
Andhra Pradesh	10936	10.83	15596	7.41	26532	8.52
Gujarat	6402	6.34	16457	7.82	22859	7.34
Haryana	1912	1.89	4370	2.08	6282	2.02
Himachal Pradesh	1236	1.22	868	0.41	2104	0.68
Jammu & Kashmir	1320	1.31	1770	0.84	3090	0.99
Karnataka	7853	7.78	13498	6.41	21351	6.85
Kerala	9808	9.71	6896	3.28	16704	5.36
Madhya Pradesh	5053	5.00	11437	5.43	16490	5.29
Maharashtra	10805	10.70	38318	18.20	49123	15.77
Manipur	225	0.22	378	0.18	603	0.19
Meghalaya	328	0.33	497	0.24	825	0.27
Nagaland	329	0.33	294	0.14	623	0.20
Orissa	4437	4.39	5302	2.52	9739	3.13
Punjab	2169	2.15	6562	3.12	8731	2.80
Rajasthan	4126	4.09	7905	3.75	12031	3.86
Sikkim	106	0.11	127	0.06	233	0.07
Tamil Nadu	10708	10.60	20075	9.54	30783	9.88
Tripura	405	0.40	390	0.18	795	0.26
Uttar Pradesh	11288	11.18	20169	9.58	31457	10.10
West Bengal	9254	9.16	24956	11.86	34210	10.98
Andaman & Nicobar Islands	154	0.15	154	0.07	308	0.10
Arunachal Pradesh	247	0.24	113	0.05	360	0.12
Chandigarh	26	0.03	1026	0.49	1052	0.34
Ladra & Nagar Haveli	43	0.04	16	0.01	59	0.02
Delhi	648	0.64	11690	5.55	12338	3.96
Goa, Daman & Diu	890	0.88	966	0.46	1856	0.60
Mizoram	128	0.13	223	0.11	351	0.11
Pondicherry	151	0.15	445	0.21	596	0.19
	100987	100.00	210498	100.00	311485	100.00

* Excluding Assam, Bihar and Lakshadweep.

Contd.....



4.49. Table 4.16 gives the distribution of females employed in non-agricultural establishments. The total number of females employed in all non-agricultural establishment was 4.7 lakh which is accounted for 11.31% of the total female workers in the non agricultural establishments in all the state and Union Territories. The rural-urban share in this regard was 18.16% and 5.33% respectively. Kerala had the 4th place among the states and union territories in the number of female employment in the non agricultural establishments.

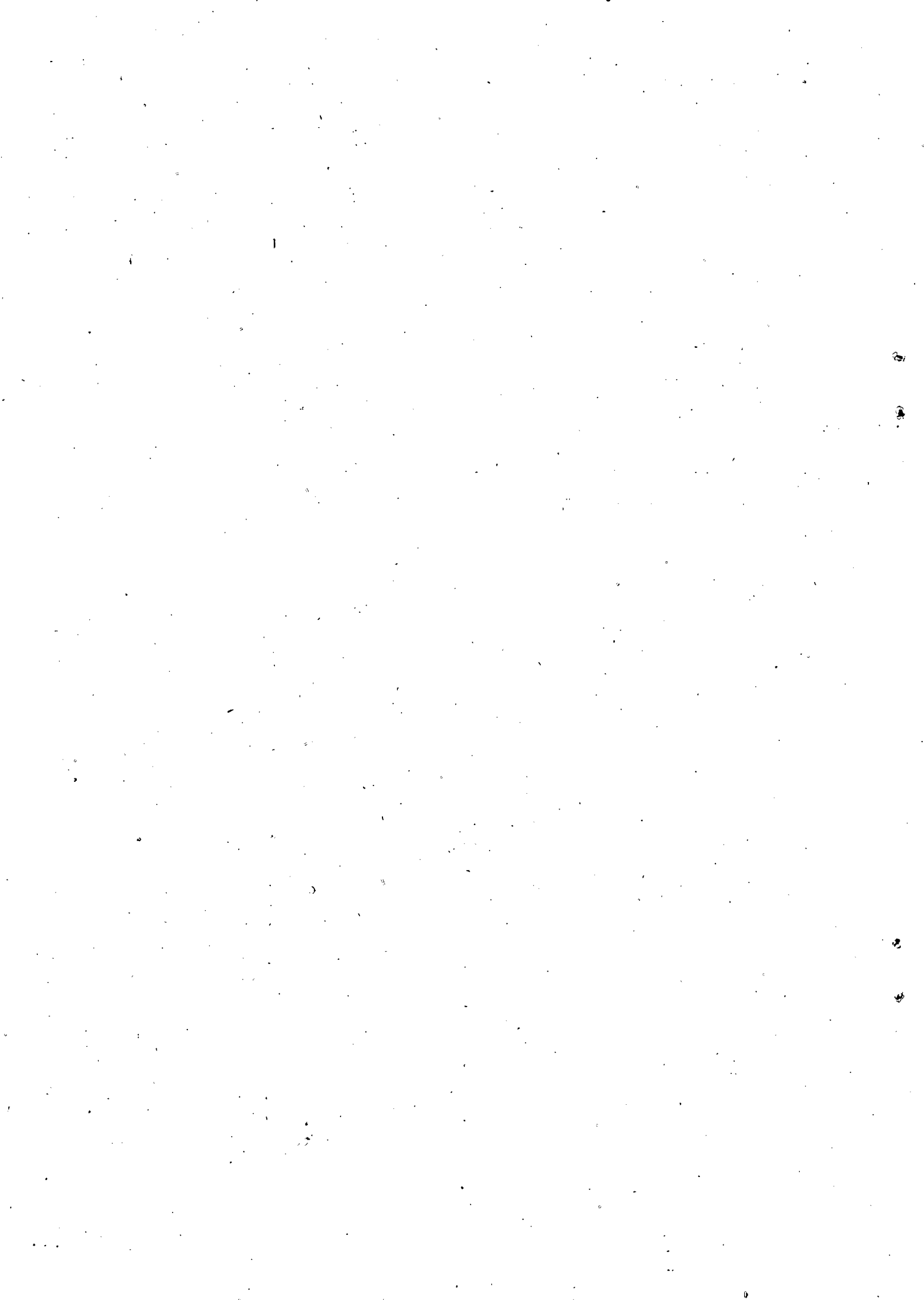
Table 4.16. Distribution of females employed in non-agricultural establishments by States/Union Territories and by rural-Urban location.

(All India *)

State/Union Territory	Rural		Urban		Rural & Urban	
	Number (100)	Percentage	Number (100)	Percentage	Number (100)	Percentage
Andhra Pradesh	2938	16.08	2855	12.36	5793	14.01
Gujarat	871	4.77	1395	6.04	2266	5.48
Haryana	294	1.61	304	1.32	598	1.45
Himachal Pradesh	144	0.79	88	0.38	232	0.56
Jammu & Kashmir	195	1.07	171	0.74	366	0.88
Karnataka	1757	9.62	1932	8.37	3689	8.92
Kerala	3318	18.16	1361	5.89	4679	11.31
Madhya Pradesh	651	3.56	1077	4.66	1728	4.18
Mahrashtra	1350	7.39	3968	17.18	5318	12.86
Manipur	37	0.20	59	0.26	96	0.23
Meghalaya	70	0.38	94	0.41	164	0.40
Nagaland	63	0.34	334	1.45	397	0.96
Orissa	500	2.74	374	1.62	874	2.11
Punjab	428	2.34	467	2.02	895	2.16
Rajasthan	392	2.15	625	2.71	1017	2.46
Sikkim	23	0.13	20	0.09	43	0.10
Tamilnadu	2749	15.05	3247	14.06	5996	14.50
Tripura	62	0.34	50	0.22	112	0.27
Uttar Pradesh	982	5.37	1258	5.45	2240	5.42
West Bengal	1067	5.84	1651	7.15	2718	6.57
Andaman & Nicobar Islands	11	0.06	12	0.05	23	0.05
Arunachal Pradesh	21	0.11	8	0.03	29	0.07
Chandigarh	9	0.05	105	0.46	114	0.27
Dadra & Nagar Haveli	5	0.03	2	0.01	7	0.02
Delhi	90	0.49	1119	4.85	1209	2.92
Goa, Daman & Diu	204	1.12	407	1.76	611	1.48
Mizoram	20	0.11	40	0.17	60	0.15
Pondicherry	19	0.10	68	0.29	87	0.21
	18270	100.00	23091	100.00	41361	100.00

* Excluding Assam, Bihar and Lakshdweep.

Contd....



4.50 The average number of persons usually working in non-agricultural establishments in all States and Union Territories is given in table 4.17. The average number of persons working in a non agricultural enterprise in Kerala was 5.9. This average in the rural sector was 5.2 and that of urban sector 7.4. The average number of persons working in a non agricultural establishment in rural area is higher than the All India average for rural viz. 4.7. But the averages for urban area and for the state was below the averages for all India.

4.17. Average number of persons usually working in non agricultural establishments.

All India *

State/Union Territory	Rural	Urban	Kural & Urban
Andhra Pradesh	5.0	10.6	7.3
Gujarat	5.0	9.4	7.6
Haryana	7.0	10.2	8.9
Himachal Pradesh	4.4	9.6	5.7
Jammu & Kashmir	3.5	7.6	5.1
Karnataka	3.6	8.0	5.6
Kerala	5.2	7.4	5.9
Madhya Pradesh	3.3	9.1	6.0
Maharashtra	5.0	10.5	8.4
Manipur	4.3	9.7	6.6
Meghalaya	2.8	9.4	4.9
Nagaland	5.9	8.4	6.8
Orissa	3.5	9.4	5.3
Punjab	4.5	7.8	6.6
Rajasthan	3.8	8.3	5.9
Sikkim	4.9	8.9	6.5
Tamil Nadu	4.9	7.8	6.5
Tripura	4.3	8.2	5.6
Uttar Pradesh	5.4	7.1	6.4
West Bengal	4.9	9.7	7.7
Andaman & Nicobar Islands	6.9	14.3	9.3
Arunachal Pradesh	4.8	9.8	5.7
Chandigarh	13.1	17.4	17.2
Dadra & Nagar Haveli	5.9	6.9	6.2
Delhi	10.5	10.1	10.1
Goa, Daman & Diu	11.2	12.8	12.0
Mizoram	3.1	9.1	5.3
Pondicherry	4.7	8.1	6.8
	4.7	9.0	6.9

* Excluding Assam, Bihar and Lakshadweep

4.51 Table 4.18 gives the distribution of hired workers in non agricultural establishments. Those were 1.5 lakhs hired workers in Kerala under non agricultural establishments. This accounted for 5.47% of the total hired workers in all the states and Union Territories. This percentage in the rural and urban sectors were 9.80 & 3.37 respectively.

TABLE 4.18. Distribution of hired workers in non-agricultural establishments.

All India *

State/Union Territory	Rural		Urban		Rural & Urban	
	Number ('00)	Percentage	Number ('00)	Percentage	Number ('00)	Percentage
Andhra Pradesh	9698	10.71	12939	6.95	22637	8.18
Gujarat	5975	6.60	14699	7.89	20674	7.47
Haryana	1792	1.98	3913	2.10	5705	2.06
Himachal Pradesh	1179	1.30	809	0.44	1988	0.72
Jammu & Kashmir	1188	1.31	1571	0.84	2759	1.00
Karnataka	7040	7.73	12078	6.49	19118	6.91
Kerala	8870	9.80	6282	3.37	15152	5.47
Madhya Pradesh	4578	5.06	10342	5.55	14920	5.39
Maharashtra	9910	10.95	34484	18.52	44394	16.04
Manipur	212	0.23	341	0.18	553	0.20
Meghalaya	293	0.33	454	0.24	747	0.27
Nagaland	275	0.30	261	0.14	536	0.19
Orissa	4098	4.53	4913	2.64	9011	3.26
Punjab	1977	2.18	5611	3.01	7588	2.74
Rajasthan	3560	3.93	6915	3.71	10475	3.78
Sikkim	99	0.11	115	0.06	214	0.08
Tamil Nadu	9443	10.43	17533	9.42	26976	9.75
Tripura	366	0.40	344	0.19	710	0.26
Uttar Pradesh	9936	10.98	17450	9.37	27386	9.90
West Bengal	8120	8.97	22448	12.06	30568	11.05
Andaman & Nicobar Islands	149	0.16	145	0.08	294	0.11
Arunachal Pradesh	238	0.26	108	0.06	346	0.12
Chandigarh	25	0.03	973	0.52	998	0.36
Dadra & Nagar Haveli	41	0.05	14	0.01	55	0.02
Delhi	589	0.65	10275	5.52	10864	3.92
Goa, Daman & Diu	627	0.69	595	0.32	1222	0.44
Mizoram	121	0.13	207	0.11	328	0.12
Pondicherry	136	0.15	392	0.21	528	0.19
	90535	100.00	186211	100.00	276746	100.00

* Excluding Assam Bihar and Lakshdweep.

4.52. The distribution of hired workers and females employed to total persons usually working in non agricultural establishments in various states and Union Territories are given in table 4.19. The percentage of hired workers to total persons usually working in non agriculture establishment in Kerala was 90.70 and that of females to total workers in this sector was 29.21. In the rural and urban sector these percentages were 90.43 and 91.09 respectively. The percentage of females to total persons usually working in non agricultural establishments in the rural sector of the State was 35.37 and that of urban sector this percentage was 20.43.

4.19 Percentage distribution of hired workers and females employed to total persons usually working in non-agricultural establishments.

All India *

State/Union Territory	Rural		Urban		Rural & Urban	
	Hired workers	females	Hired workers	females	Hired workers	Females
1	2	3	4	5	6	7
Andhra Pradesh	88.68	26.87	82.96	18.30	85.32	21.83
Gujarat	93.30	13.60	89.32	8.48	90.04	9.91
Hariyana	93.72	15.37	89.56	6.97	90.83	9.52
Himachal Pradesh	95.36	11.66	93.15	10.13	94.45	11.03
Jammu & Kashmir	89.97	14.77	88.76	9.65	89.28	11.84
Karnataka	89.66	22.38	89.48	14.31	89.54	17.28
Kerala	90.43	35.37	91.09	20.43	90.70	29.21
Madhya Pradesh	90.62	12.88	90.42	9.42	90.48	10.48
Maharashtra	91.71	12.49	90.00	10.35	90.37	10.82
Manipur	94.31	16.49	90.31	15.69	91.80	15.99
Meghalaya	89.10	21.44	91.32	18.96	90.44	19.85
Nagaland	83.56	19.26	88.87	11.52	86.06	15.62
Orissa	92.36	11.28	92.67	7.06	92.53	8.98
Punjab	91.18	19.75	85.50	7.12	86.90	10.26
Rajasthan	86.29	9.51	88.47	7.90	87.07	8.45
Sikkim	93.74	21.43	90.56	15.73	92.01	18.33
Tamilnadu	88.19	25.68	87.34	16.17	87.63	19.48
Tripura	90.39	15.19	88.13	12.94	89.28	14.09
Uttar Pradesh	88.02	8.70	86.52	6.24	87.06	7.12
West Bengal	87.74	11.53	89.95	6.61	89.35	7.94
Andaman & Nicobar Island	96.15	6.67	94.96	8.15	95.56	7.40
Arunachal Pradesh	96.28	8.36	95.24	6.83	95.95	7.88
Chandigarh	97.28	34.46	94.79	10.19	94.85	10.79
Coimbatore & Nagar Haveli	94.94	12.22	88.02	10.87	93.03	11.85
Delhi	90.88	13.83	87.89	9.58	88.05	9.80
Goa, Daman & Diu	70.46	22.90	61.55	42.12	65.82	32.94
Mizoram	94.47	15.47	92.77	17.83	93.39	16.96
Pondicherry	89.98	12.72	88.11	15.30	88.58	14.65

* Excluding Assam, Bihar and Lakshadweep

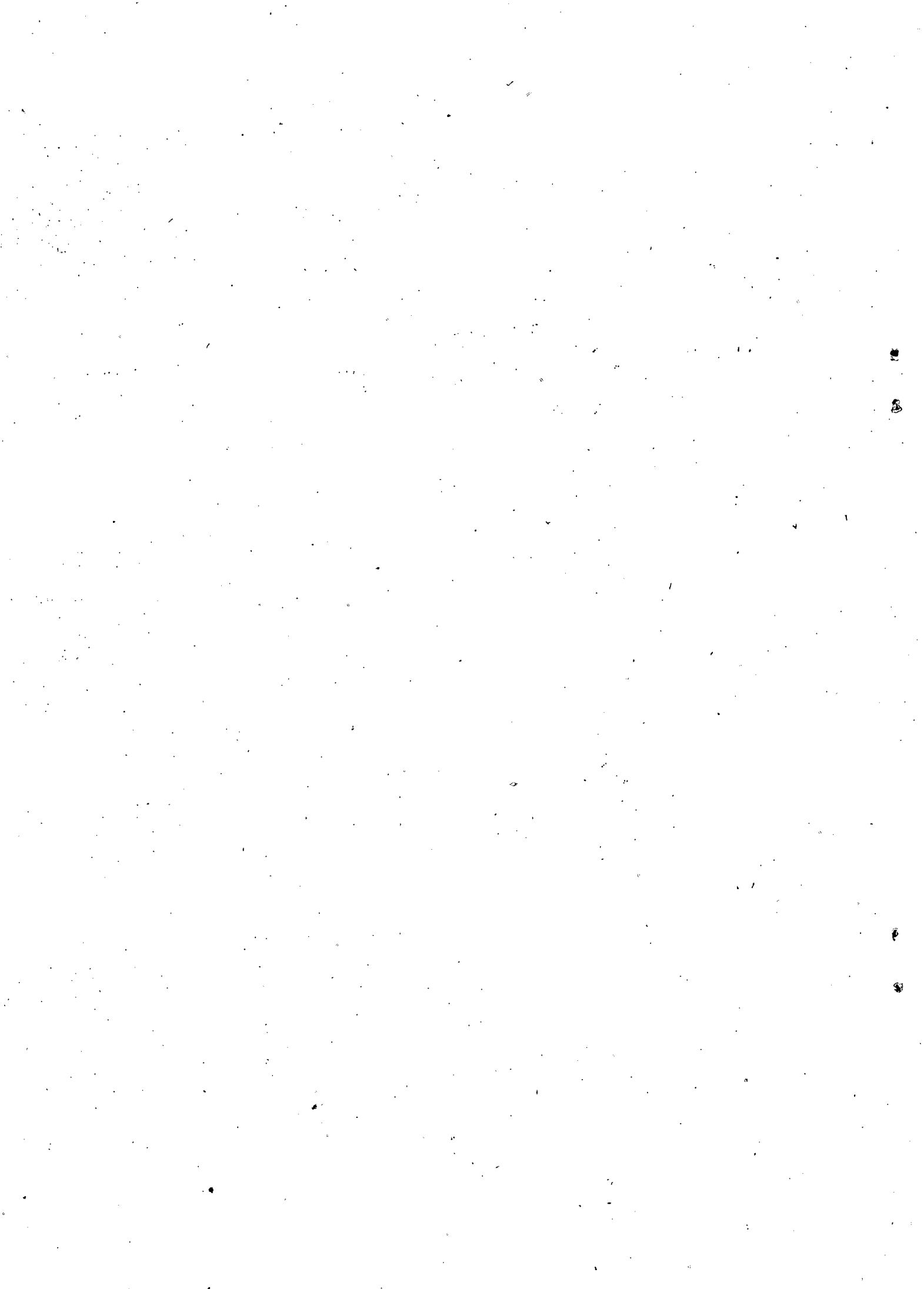
Selected Characteristics

: 55 :

4.53. Table 4.20, 4.21 and 4.22 Set out the selected characteristics of establishments classified by major economic activities for rural, urban and combined sectors. The characteristics considered are nature of operation using power/fuel, operating without premises and type of ownership.

Table 4.20. Selected characteristics of non agricultural establishments by major activity groups (Rural & Urban)

Major activity group	Establi- shments	Seaso- nal	Power/ fuel used	Without premi- ses	Co-ope- rative	Pri- vate
1	2	3	4	5	6	7
1. Mining and quarrying	1272 (0.45)	206 (1.57)	24 (0.04)	1128 (7.76)	4 (0.03)	1257 (0.58)
2. Manufacturing and repair services.	88434 (31.29)	8169 (62.45)	29790 (53.33)	5148 (35.41)	2097 (17.88)	84569 (38.90)
3. Electricity Gas and water	1285 (0.45)	123 (0.94)	892 (1.60)	11 (0.08)	12 (0.10)	344 (0.16)
4. Constructions	2343 (0.83)	282 (2.16)	114 (0.20)	1959 (13.47)	20 (0.17)	2279 (1.05)
5. Wholesale & retail trade	64888 (22.96)	1730 (13.23)	2846 (5.09)	2320 (15.96)	4081 (34.80)	58608 (26.96)
6. Restaurants & Hotels	19385 (6.86)	155 (1.18)	14382 (25.75)	79 (0.54)	81 (0.69)	18454 (8.49)
7. Transport	4127 (1.47)	99 (0.76)	1920 (3.44)	2175 (14.96)	31 (0.27)	3584 (1.65)
8. Storage and Ware- Housing	2201 (0.78)	354 (2.71)	119 (0.21)	3 (0.02)	305 (2.60)	1584 (0.73)
9. Communication	4765 (1.69)	12 (0.09)	385 (0.69)	8 (0.05)	10 (0.09)	121 (0.05)
10. Financing Insurance real estate and Business services	11607 (4.11)	510 (3.90)	447 (0.80)	450 (3.09)	321 (27.29)	6507 (2.99)
11. Community Social and Personal services	80723 (28.50)	1381 (10.56)	4468 (8.00)	1165 (8.01)	1817 (15.49)	38718 (17.81)
12. Others	1588 (0.56)	59 (0.45)	477 (0.85)	94 (0.65)	69 (0.59)	1376 (0.63)
All activities	282618 (100.00)	13080 (100.00)	55864 (100.00)	14540 (100.00)	11728 (100.00)	217401 (100.00)



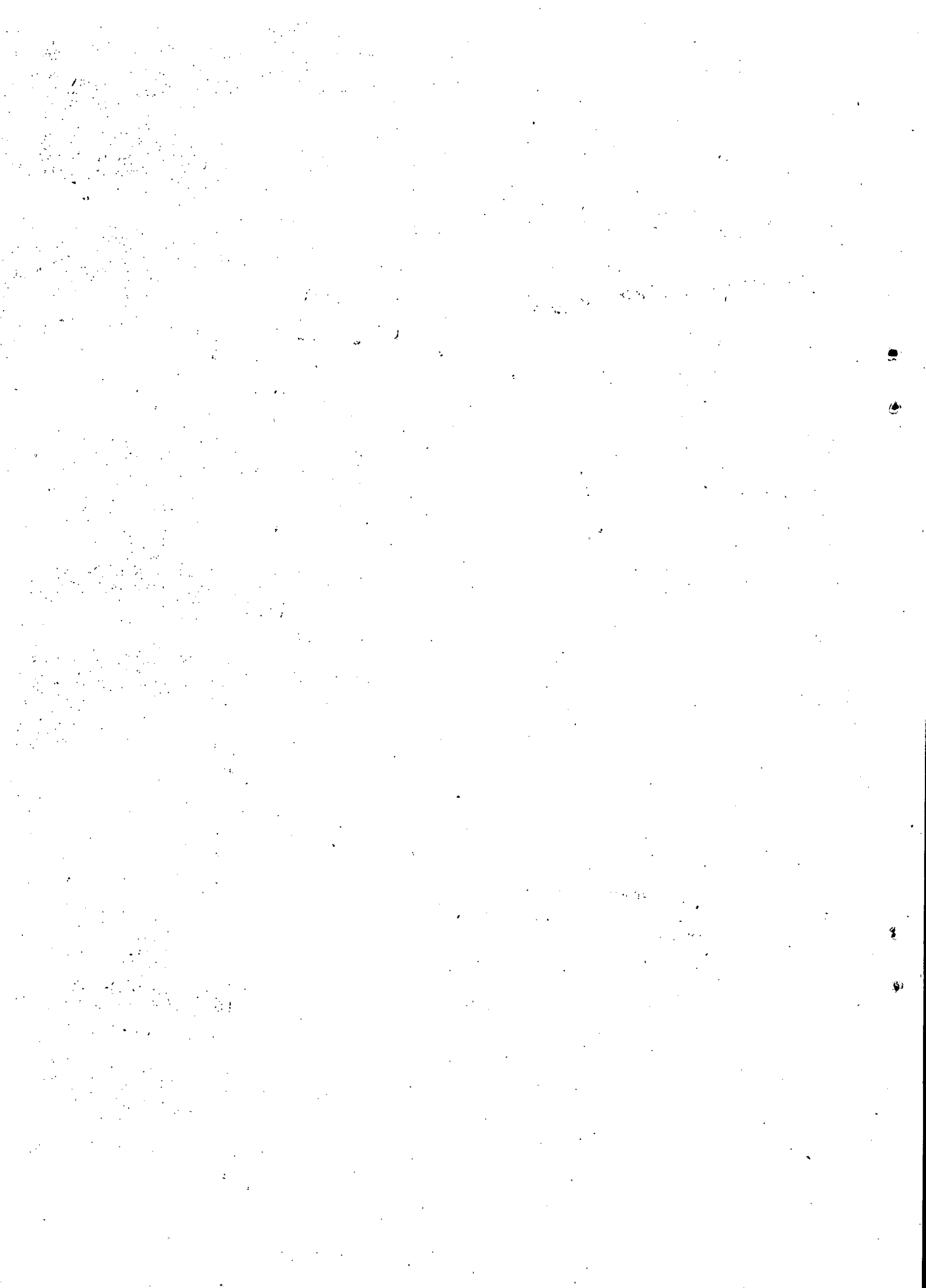
: 56 :

Table 4.21. Selected characteristics of non-agricultural establishments by major activity groups (rural)

Major activity group	Establi- shments	Seaso- nal	Power/ fuel used	Without premi- ses	Co-ope- rative	Pri- vate
Mining and quarrying	1197 (0.63)	205 (1.83)	19 (0.05)	1067 (8.93)	4 (0.05)	1183 (0.84)
Manufacturing and repair services	60013 (31.59)	7137 (63.76)	19803 (52.99)	4571 (38.27)	1294 (14.66)	57392 (40.84)
Electricity, Gas and Water	1007 (0.53)	107 (0.96)	751 (2.01)	9 (0.08)	11 (0.13)	295 (0.21)
Construction	1630 (0.86)	232 (2.07)	65 (0.17)	1468 (12.29)	16 (0.18)	1586 (1.13)
Wholesale and retail trade	38442 (20.24)	1439 (12.86)	1711 (4.58)	1979 (16.57)	3147 (35.66)	33665 (23.95)
Restaurants and Hotels	12458 (6.56)	104 (0.93)	9711 (25.98)	66 (0.55)	41 (0.46)	11807 (8.40)
Transport	2054 (1.08)	75 (0.67)	1311 (3.51)	1430 (11.97)	12 (0.14)	1795 (1.28)
Storage and Warehousing	1233 (0.65)	314 (2.81)	65 (0.17)	3 (0.03)	250 (2.83)	813 (0.58)
Communications	3997 (2.10)	12 (0.11)	313 (0.84)	8 (0.07)	5 (0.06)	88 (0.06)
Financing Insurance Real Estate and Business Services	6280 (3.31)	439 (3.92)	300 (0.80)	321 (2.69)	2618 (29.67)	2640 (1.88)
Community, Social and Personal Services	60859 (32.04)	1084 (9.68)	3057 (8.18)	944 (7.90)	1380 (15.64)	28630 (20.37)
Others	784 (0.41)	45 (0.40)	267 (0.72)	78 (0.65)	46 (0.52)	644 (0.46)
All Activities	189954 (100.00)	11193 (100.00)	37373 (100.00)	11944 (100.00)	8824 (100.00)	140538 (100.00)

Table 4.22 Selected characteristics of non-agricultural establishments by major activity groups (urban)

Major activity group	Establi- shments	Seaso- nal	Power/ fuel used	Without premi- ses	Co-ope- rative	Private
1	2	3	4	5	6	7
Mining and quarrying	75 (0.08)	1 (0.06)	5 (0.03)	61 (2.35)	0 (0)	74 (0.10)
Manufacturing and repair services	28421 (30.67)	1032 (54.69)	9987 (54.01)	577 (22.23)	803 (27.65)	27177 (35.36)
Electricity, Gas and Water	278 (0.30)	16 (0.85)	141 (0.76)	2 (0.08)	1 (0.04)	49 (0.06)
Construction	713 (0.77)	50 (2.65)	49 (0.27)	491 (18.91)	4 (0.14)	693 (0.90)
Wholesale and retail trade	26446 (28.54)	291 (15.42)	1135 (6.14)	341 (13.13)	934 (32.16)	24943 (32.45)
Restaurants and Hotels	6927 (7.47)	51 (2.70)	4671 (25.26)	13 (0.50)	40 (1.38)	6647 (8.65)
Transport	2073 (2.24)	24 (1.27)	609 (3.29)	745 (28.70)	19 (0.65)	1789 (2.33)
Storage and Ware- housing	968 (1.04)	40 (2.12)	54 (0.29)	0 (0)	55 (1.89)	771 (1.00)
Communications	768 (0.83)	0 (0)	72 (0.39)	0 (0)	5 (0.17)	33 (0.04)
Financing, Insurance, Real Estate & Business Services	5327 (5.75)	71 (3.76)	147 (0.79)	129 (4.97)	583 (20.08)	3867 (5.03)
Community, Social and Personal Services	19864 (21.44)	297 (15.74)	1411 (7.63)	221 (8.51)	437 (15.05)	10088 (13.13)
Other	304 (0.87)	14 (0.74)	210 (1.14)	16 (0.62)	23 (0.79)	732 (0.95)
All activities	92664 (100.00)	1887 (100.00)	18491 (100.00)	2596 (100.00)	2904 (100.00)	76863 (100.00)



- 4.54. Out of 2.03 lakhs non agricultural establishments, 0.13 lakhs were seasonal establishments. About 90% of the seasonal establishments were confined to four major activity groups viz. Manufacture and Repair service (52.45%) wholesale and retail trade (13.23%) Community Social and personal service (10.56%) and Financing insurance and real estate (3.90%). About 6% of the rural establishments and 2% of the urban establishments were seasonal. In both rural and urban areas the same four major activity groups accounted for the larger share of seasonal establishments in the respective sectors.
- 4.55. As far as power/fuel used, 0.56 lakhs were working with power/fuel in the State. About 87% of power/fuel using establishments were engaged in three major activity groups viz. Manufacturing and Repair service (53.33%) Restaurant and hotels (25.75%) and Community social and personal service (8%). About 20% of rural establishments and of urban establishments were operating with power/fuel.
- 4.56. Establishments operating without premises constituted only about 5% of the total establishments. Manufacturing and Repair service accounted for about 35% of the total establishments without premises followed by wholesale and retail trade (15.96%). Transport (14.96%) and Construction (13.47%). Among the rural establishments 6.3% and among the urban establishments 2.8% were operating without premises.
- 4.57. Two types of ownership of establishments have been considered. Co-operative and Private. Co-operative establishments numbering 0.12 lakh constituted about 4% of the total establishments and the private establishments (2.17 lakh) constituted 76.92% of the total establishments. In the rural sector co-operative establishments constituted 4.65% of the total establishments. In urban area this percentage was only 3.13. The percentage of private establishments in the rural and urban sectors were 73.99 and 82.95 respectively of the total establishments in the two sectors.
- 4.58. It has been stated that there were 2.83 lakh non agricultural establishment in the State, employing 16.7 lakhs persons. Table 4.23 presents the selected characteristics of private and co-operative establishments.

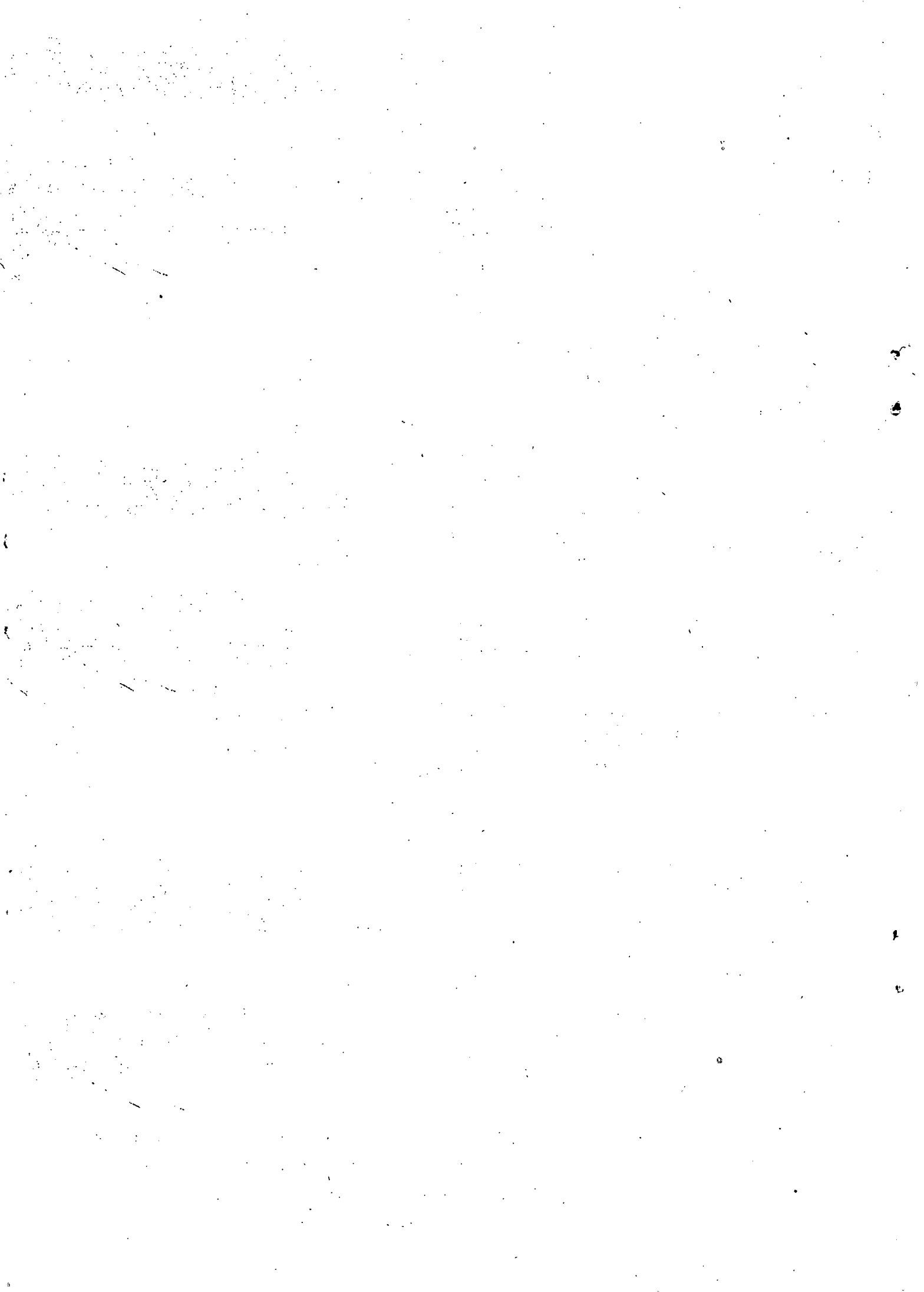


Table 4.23. Selected characteristics of private and co-operative non-agricultural establishments.

Type of establishments	Establishment	Employment				Establishment operating			
		Total		Hired		Seasonally	with power fuel	with out premises	
		All	Female	All	Female				
1	2	3	4	5	6	7	8	9	
<u>Rural</u>									
(i) All establishments	189954	980809	346950	886993	331798	11193	37373	11944	(5.89)(19.67)(6.29)
(ii) Private establishments	140538 (73.99)	643742 (65.63)	231715 (66.79)	554091 (62.47)	217812 (65.65)	9547	34277 (6.79)	11406 (24.39)	(8.12)
(iii) Co-operative establishments	8824 (4.65)	56711 (5.78)	24712 (7.12)	56711 (6.39)	24712 (7.45)	953 (10.80)	309 (3.50)	144 (1.63)	
<u>Urban</u>									
(i) All establishments	92664	689621	140923	628163	136141	1887	18491	2596	(2.04)(19.95)(2.80)
(ii) Private establishments	76863 (82.95)	372634 (54.03)	69215 (49.12)	312238 (49.71)	64639 (47.48)	1666 (2.17)	17426 (22.67)	2516 (3.27)	
(iii) Co-operative establishments	2904 (3.13)	32849 (4.76)	7611 (5.40)	32849 (5.23)	7611 (5.59)	82 (2.82)	199 (6.85)	11 (0.38)	
<u>Rural & Urban</u>									
(i) All establishments	282618	1670430	487873	1515156	467939	13080	55864	14540	(4.63)(19.77)(5.14)
(ii) Private establishments	217401 (76.92)	1016376 (60.85)	300930 (61.68)	866329 (57.18)	282451 (60.36)	11213 (5.16)	51703 (23.78)	13922 (6.40)	
(iii) Co-operative establishments	11728 (4.15)	89560 (5.36)	32323 (6.63)	89560 (5.91)	32323 (6.91)	1035 (8.82)	508 (4.33)	155 (1.32)	

Col. 2 - 6. Percentage to all establishments.

Col. 7 - 9. Percentage to col.2.



- 4.59. It will be seen from table 4.23 that out of the total 2.83 lakhs establishments 2.17 lakhs (76.92%) were private establishments and there had an usual employment of 1.02 lakhs persons accounting for about 61% of the total persons employed in all non agricultural establishments. Among the 16.70 lakhs persons usually working in the private establishments, 15.15 lakhs were hired workers.
- 4.60. Hired workers in private establishments (8.66 lakhs) constituted 57% of the total hired workers in all non agricultural establishments. Hired females numbering 2.82 lakhs employed in private establishments constituted 60.36% of total hired females employed in all non agricultural establishments.
- 4.61. Urban areas accounted for 35% of the total private establishments and about 37% of the total employment in all Private establishments. Out of the 0.77 lakh private establishments, 2.17% were seasonally operated. 22.67% were using power/fuel and 3.27% were without premises.
- 4.62. Among the 1.4 lakhs private establishments in rural areas, 6.79% were seasonally operated 24.39% were using power/fuel and 8.12% were without premises.
- 4.63. Co-operative establishments numbering 0.12 lakh had employed 0.9 lakhs persons. They accounted for 4.15% of the total establishments. The employment therein is accounted for 5.36% in all establishments. Females numbering 0.32 lakh employed in these co-operative establishments formed 36% of the total employment in all co-operative establishments. About 75% of the co-operative establishments were in rural areas and the remaining in urban areas. The employment in rural area (0.57 lakhs) constituted 63.3% of the employment in all co-operative establishments. The share of females employed in rural areas in all co-operative establishments was about 76% of the total females employed under co-operative establishments.
- 4.64. Out of the 0.12 lakh co-operative establishments, 8.82% were operated seasonally, 4.33% were using with power/fuel and 1.32% were without premises. 10.8% of the co-operative establishments in rural areas were seasonally operated. This share in urban area was only 2.82%.

Distribution by employment size groups

- 4.65. The distribution of establishments by employment size groups is considered for this report.

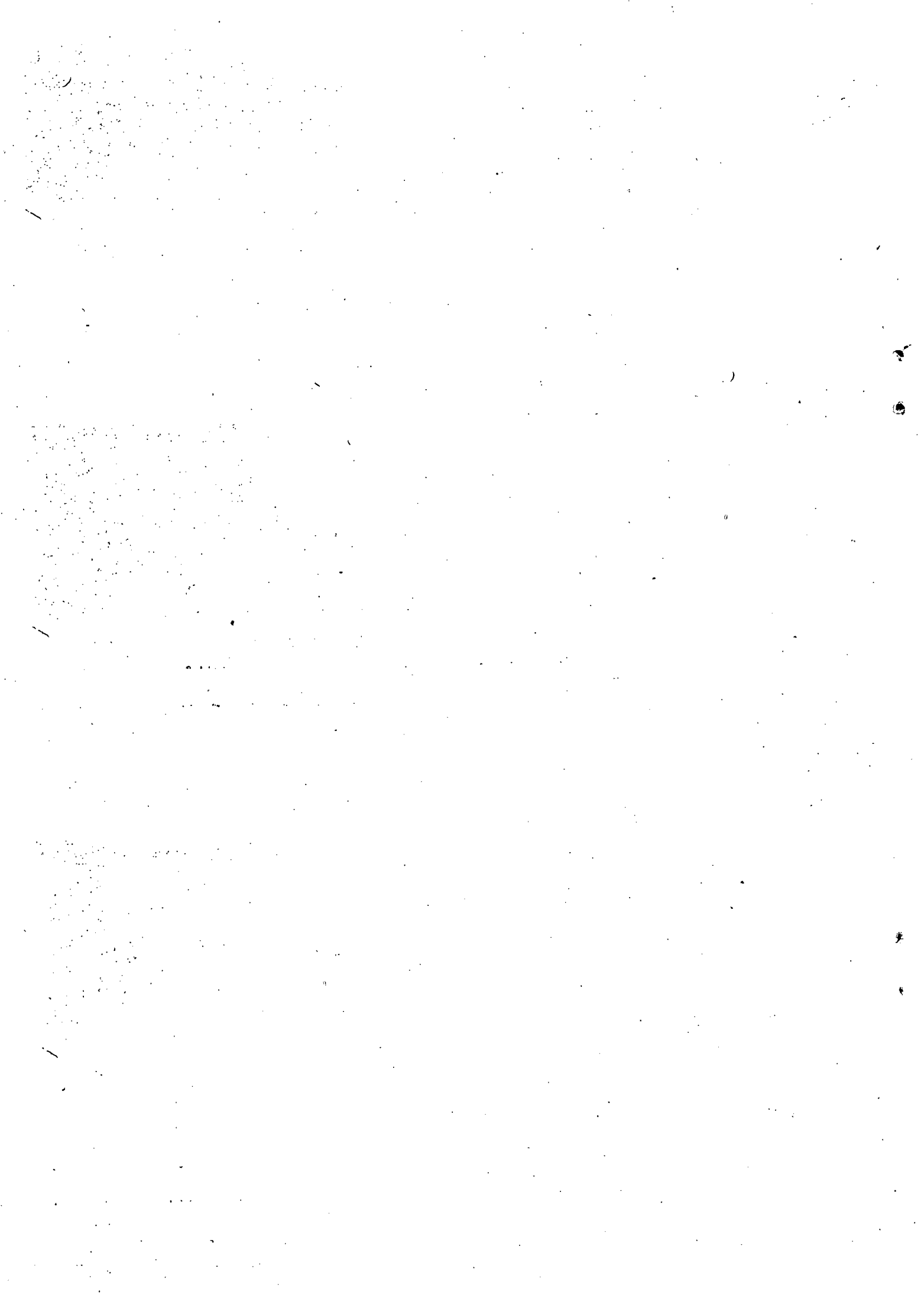


Table 4.24 gives the distribution of non-agricultural establishments and employment therein according to four broad size groups of employment in the rural, urban and combined areas. The four employment size groups considered are 1-5, 6-19, 20-49 and 50 and above. It is seen that about 81% of the establishments were having 5 or less persons usually working and these accounted for 31.3% of the total employment in all non agricultural establishments. It is observed that there were only 1.12% of the establishments each employing 50 or more persons accounted for about 30% of the total persons employed in all non agricultural establishments. Establishments in the size group 6-19 accounted for a substantial share in the total number of establishments and total employment viz. 15.23% and 24.21% respectively.

2.95% Of the non agricultural establishments were found to be employing 20-49 persons. The percentage of persons usually working in this size group was also found to be 14.7% of the total persons usually working in all establishments.

Table 4.24 Distribution of non-agricultural establishments and persons usually working by size group of employment.

Item	Size group employment					All
	1 - 5	6 - 19	20 - 49	50 above		
	2	3	4	5	6	
<u>Rural</u>						
(i) Establishments	157397 (32.86)	26291 (13.84)	4720 (2.49)	1546 (0.81)	189954 (100.00)	
(ii) Persons usually working	346302 (35.31)	243678 (24.84)	137810 (14.05)	253019 (25.80)	980809 (100.00)	
<u>Urban</u>						
(i) Establishments	70665 (76.26)	16757 (18.08)	3609 (3.90)	1633 (1.76)	92664 (100.00)	
(ii) Persons usually working	176520 (25.60)	160654 (23.29)	107776 (15.63)	244671 (35.48)	689621 (100.00)	
<u>Rural & Urban</u>						
(i) Establishments	228062 (80.70)	43048 (15.23)	8329 (2.95)	3179 (1.12)	282618 (100.00)	
(ii) Persons usually working	522822 (31.30)	404332 (24.21)	245586 (14.70)	497690 (29.79)	1670430 (100.00)	



In the rural area, establishments employing 5 persons or less formed about 69% of the total establishments.

4.66 It is important to note that establishments each employing 50 or more persons though constituted less than 1% (0.81%) of the total rural establishments shared among themselves about 26% of the total rural employment. Rural Establishments in the size group 6-19 constituted 13.84% of the total rural non agricultural establishments and about 25% of the total non agricultural employment. The larger establishments (employing 20 or more) though numerically very less (2.49%) also accounted 14.05% of the rural non-agricultural employment.

4.67 In the urban area the percentage of smaller establishments (employing 5 or less persons) was about 76% of the total urban non agricultural establishments and these accommodated themselves about 25.6% of the total urban non agricultural employment. The establishment employing 50 or more persons constituted 1.76% of the total urban non agricultural establishments accounted for 35.48% of the total urban non agricultural employments.

4.68 Table 4.25 presents the distribution of establishments and persons employed in each of the activity groups in the rural and urban combined sectors. It can be seen that in all activity groups, the maximum number of establishments were having 5 or less employees. The percentage ranges from 70% to 93% in the activity groups. In the sector wholesale and retail trade about 93% of the establishments were under the size group 1-5 and have accommodated 70.43% of the employment in that sector. The distribution of establishments and persons employed in each of the activity group in rural and urban sectors are given separately in table 4.25 A & 4.25 B respectively.

Contd....

Table 4.25. Distribution of non-agricultural establishments and persons usually working therein by size group of employment (State)

Activity group	1-5	6-19	20-49	50 & above	All
1	2	3	4	5	6
<u>Mining & quarrying</u>					
(i) Establishments	1129 (88.76)	111 (8.73)	26 (2.04)	6 (0.47)	1272 (100.00)
(ii) Persons usually working	1659 (37.10)	1059 (23.68)	723 (16.17)	1031 (23.05)	4472 (100.00)
<u>Manufacturing and repair services</u>					
1. Establishment	69782 (78.91)	15183 (17.17)	2342 (2.65)	1127 (1.27)	88434 (100.00)
2. Persons usually working	173474 (27.13)	138548 (21.67)	67567 (10.57)	259741 (40.63)	639330 (100.00)
<u>Electricity Gas & Water</u>					
1. Establishment	971 (75.57)	169 (13.15)	128 (9.96)	17 (1.32)	1285 (100.00)
2. Persons usually working	1547 (17.77)	1875 (21.53)	4135 (47.48)	1151 (13.22)	8708 (100.00)
<u>Construction</u>					
1. Establishments	2078 (88.69)	187 (7.98)	59 (2.50)	19 (0.81)	2343 (100.00)
2. Persons usually working	3368 (39.65)	1901 (22.38)	1618 (19.05)	1607 (18.92)	8494 (100.00)
<u>Wholesale and Retail trade</u>					
1. Establishments	60124 (92.66)	4351 (6.70)	355 (0.55)	58 (0.09)	64888 (100.00)
2. Persons usually working	129284 (70.43)	38891 (21.19)	9592 (5.23)	5790 (3.15)	183557 (100.00)
<u>Restaurants & Hotels</u>					
1. Establishments	16611 (85.69)	2623 (13.53)	126 (0.65)	25 (0.13)	19385 (100.00)
2. Persons usually working	45085 (62.02)	22224 (30.57)	3471 (4.77)	1920 (2.64)	72700 (100.00)

4.25. Distribution of non agricultural establishments and persons usually working therein by size groups of employment (State) - Contd.

Activity of group	Size group of employment				
	1 - 5	6 - 19	20-49	50 & above	All
1	2	3	4	5	6
<u>Transport</u>					
1. Establishments	3488 (84.52)	473 (11.46)	98 (2.37)	68 (1.65)	4127 (100.00)
2. Persons usually working	6391 (18.18)	4455 (12.67)	2899 (8.25)	21413 (60.90)	35158 (100.00)
<u>Storage and warehousing</u>					
1. Establishment	1989 (90.37)	174 (7.91)	28 (1.27)	10 (0.45)	2201 (100.00)
2. Persons usually working	3401 (44.01)	1619 (20.95)	787 (10.19)	1920 (24.85)	7727 (100.00)
<u>Communications</u>					
1. Establishments	3943 (82.75)	620 (13.01)	116 (2.43)	86 (1.81)	4765 (100.00)
2. Persons usually working	10655 (36.84)	5682 (19.65)	3453 (11.94)	9130 (31.57)	28920 (100.00)
<u>Finance Insurance real estate & Business Services</u>					
1. Establishments	8324 (71.72)	2701 (23.27)	468 (4.03)	114 (0.98)	11607 (100.00)
2. Persons usually working	20829 (27.33)	25568 (33.55)	13593 (17.84)	16216 (21.28)	76206 (100.00)
<u>Community Social & Personal Services</u>					
1. Establishments	58360 (72.29)	16207 (20.08)	4535 (5.62)	1621 (2.01)	80723 (100.00)
2. Persons usually working	124256 (21.03)	160170 (27.11)	136272 (23.07)	170072 (28.79)	590770 (100.00)
<u>Others</u>					
1. Establishments	1263 (79.54)	249 (15.68)	48 (3.02)	28 (1.76)	1588 (100.00)
2. Persons usually working	2873 (19.97)	2340 (16.26)	1476 (10.26)	7699 (53.51)	14388 (100.00)

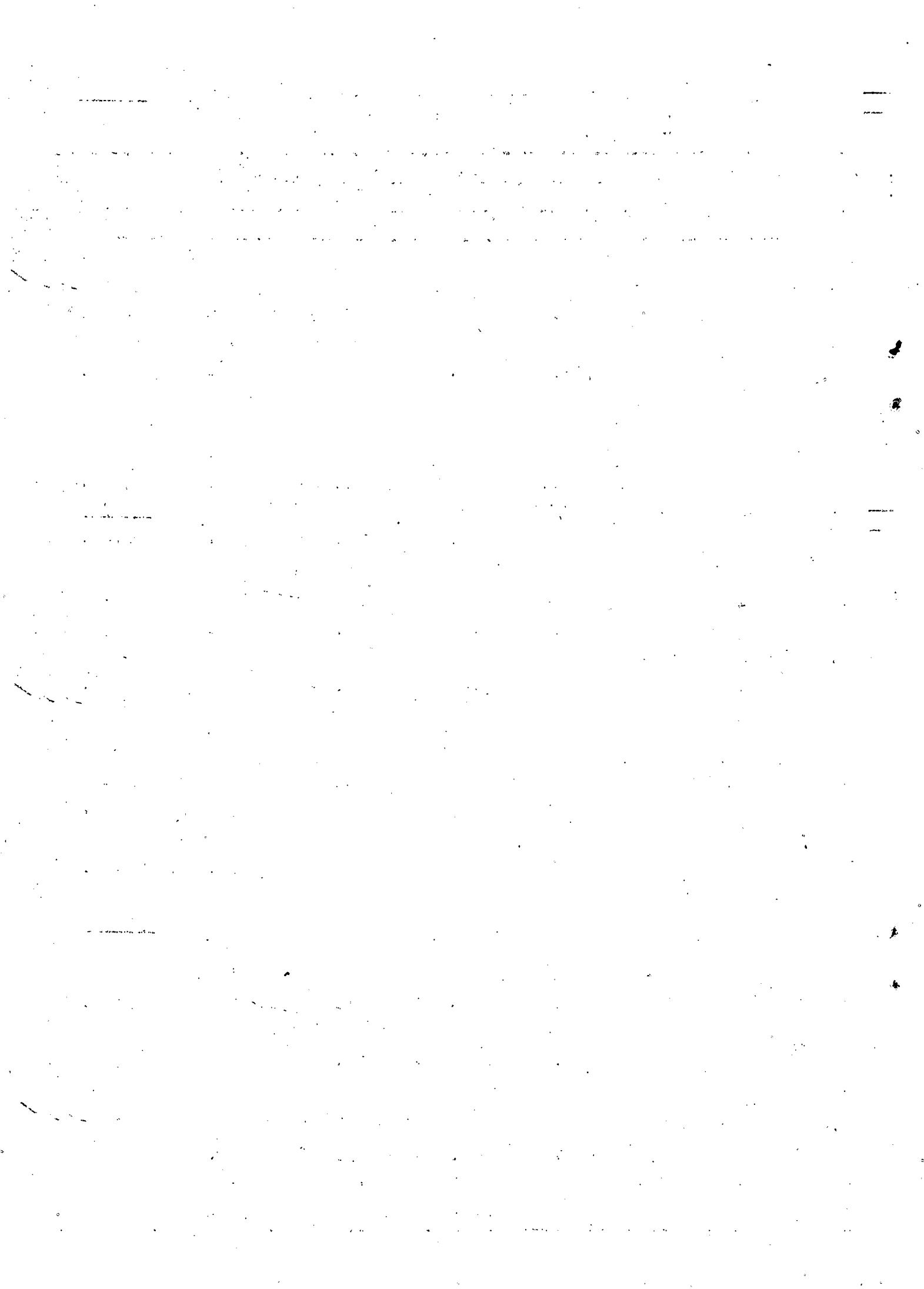


Table 4.25.A. Distribution of non agricultural establishments and persons usually working therein in all activity groups by size group of employment (Rural)

Activity groups	Size group of employment				
	1-5	6-19	20-49	50 & above	All
<u>Mining & quarrying</u>					
1. Establishments	1069 (88.55)	109 (9.11)	23 (1.92)	5 (0.42)	1197 (100.00)
2. Persons usually working	1546 (37.14)	1045 (25.10)	641 (15.40)	931 (22.36)	4163 (100.00)
<u>Manufacturing and repair service</u>					
1. Establishments	48381 (80.62)	9385 (15.64)	1538 (2.56)	709 (1.18)	60013 (100.00)
2. Persons usually working	115159 (27.43)	85764 (20.43)	44315 (10.55)	174620 (41.59)	419858 (100.00)
<u>Electricity Gas and Water</u>					
1. Establishments	826 (82.03)	98 (9.73)	79 (7.84)	4 (0.40)	1007 (100.00)
2. Persons usually working	1281 (23.20)	1087 (21.38)	2488 (48.94)	228 (4.48)	5084 (100.00)
<u>Construction</u>					
1. Establishments	1472 (90.31)	105 (6.44)	38 (2.33)	15 (0.92)	1630 (100.00)
2. Persons usually working	2278 (40.36)	1110 (19.67)	1030 (18.25)	1226 (21.72)	5644 (100.00)
<u>Wholesale and retail trade</u>					
1. Establishments	36363 (94.59)	1869 (4.86)	189 (0.49)	21 (0.06)	38442 (100.00)
2. Persons usually working	72272 (74.67)	17400 (17.98)	4983 (5.15)	2136 (2.20)	96791 (100.00)
<u>Restaurants and Hotels</u>					
1. Establishments	11463 (92.01)	978 (7.85)	11 (0.09)	6 (0.05)	12458 (100.00)
2. Persons usually working	30072 (78.25)	7609 (19.80)	293 (0.76)	458 (1.19)	38432 (100.00)

Contd.....

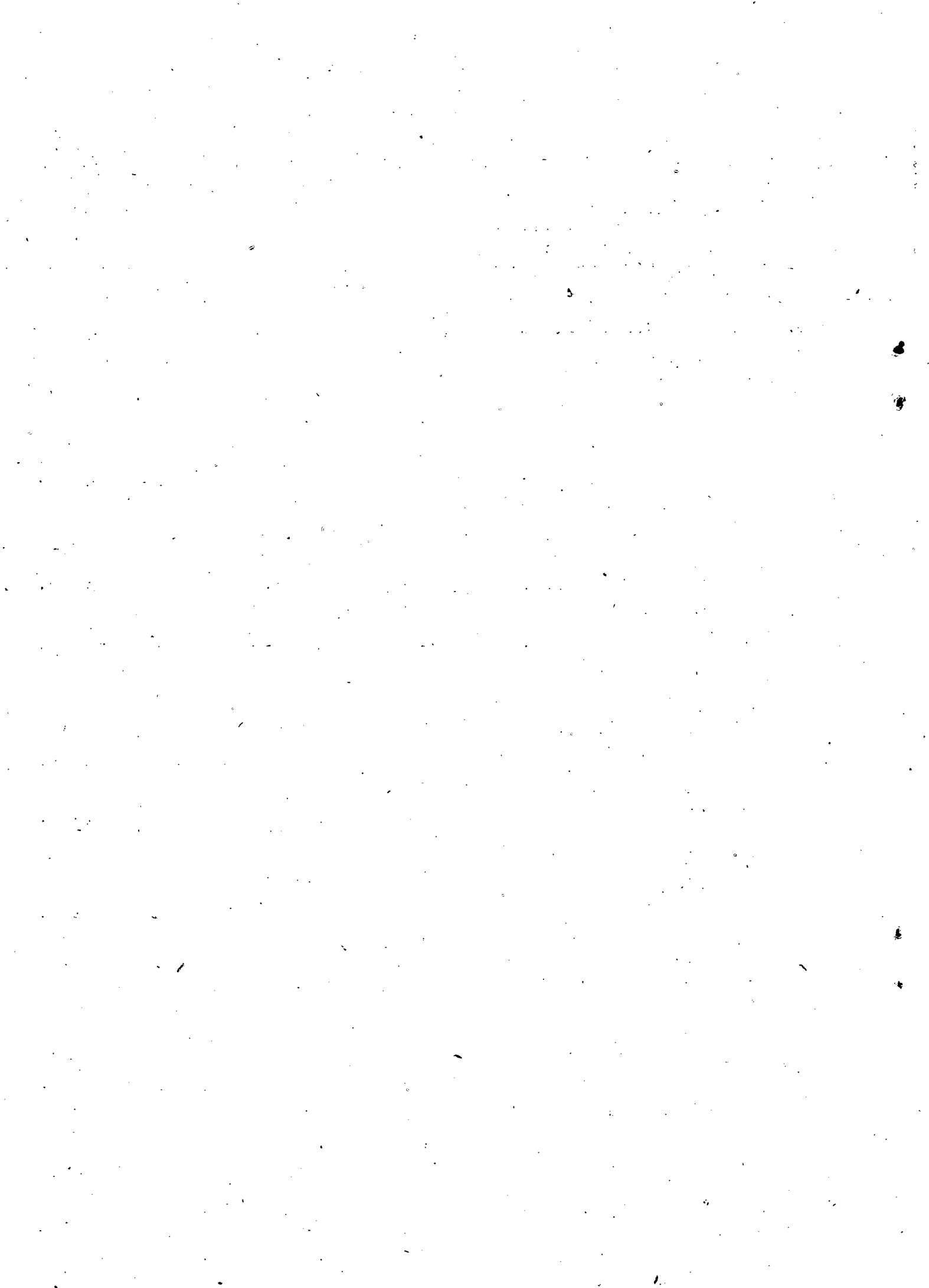


Table 4.25 A Contd.

Activity group	Size group				All
	1 - 5	6 - 19	20 - 49	50 & above	
1	2	3	4	5	6
<u>Transport</u>					
1. Establishments	1858	179	12	5	2054
	(90.46)	(8.72)	(0.58)	(0.24)	(100.00)
2. Persons usually working	3223	1669	326	1271	6489
	(49.67)	(25.72)	(5.02)	(19.59)	(100.00)
<u>Storage and warehousing</u>					
1. Establishments	1126	90	14	3	1233
	(91.32)	(7.30)	(1.14)	(0.24)	(100.00)
2. Persons usually working	1998	848	366	402	3614
	(55.29)	(23.46)	(10.13)	(11.12)	(100.00)
<u>Communications</u>					
1. Establishments	3530	432	31	4	3997
	(88.32)	(10.81)	(0.77)	(0.10)	(100.00)
2. Persons usually working	9547	3681	884	203	14315
	(66.69)	(25.71)	(6.18)	(1.42)	(100.00)
<u>Finance Insurance Real Estate and Business Services</u>					
1. Establishments	4712	1429	107	32	6280
	(75.03)	(22.76)	(1.70)	(0.51)	(100.00)
2. Persons usually working	11806	12467	2900	5185	32358
	(36.49)	(38.53)	(8.96)	(16.02)	(100.00)
<u>Community Social and Personal Services</u>					
1. Establishments	45994	11490	2648	727	60859
	(75.58)	(18.88)	(4.35)	(1.19)	(100.00)
2. Persons usually working	95796	109778	78628	60063	344265
	(27.82)	(31.89)	(22.84)	(17.45)	(100.00)
<u>Others</u>					
1. Establishments	612	127	30	15	784
	(78.06)	(16.20)	(3.83)	(1.91)	(100.00)
2. Persons usually working	1324	1220	956	5296	8796
	(15.05)	(13.87)	(10.87)	(60.21)	(100.00)

4.25.B Distribution of non agricultural establishments and persons usually working therein in all activity groups by size group of employment (urban).

Activity groups	Size group of employment				All	
	1 - 5	6 - 19	20 - 49	50 & above		
	1	2	3	4	5	6
<u>Mining & Quarrying</u>						
Establishments	69	2	3	1	75	
	(92.00)	(2.67)	(4.00)	(1.33)	(100.00)	
Persons usually working	113	14	82	100	309	
	(36.57)	(4.53)	(26.54)	(32.36)	(100.00)	
<u>Manufacturing and repair service</u>						
Establishments	21401	5798	804	418	2842	
	(75.30)	(20.40)	(2.83)	(1.47)	(100.00)	
Persons usually working	58315	52784	23252	83923	218274	
	(26.72)	(24.18)	(10.65)	(38.45)	(100.00)	
<u>Electricity, Gas and Water</u>						
Establishments	145	71	49	13	278	
	(57.16)	(25.54)	(17.62)	(4.68)	(100.00)	
Persons usually working	266	788	1647	923	3624	
	(7.34)	(21.74)	(45.45)	(25.47)	(100.00)	
<u>Construction</u>						
Establishments	606	82	21	4	713	
	(84.99)	(11.50)	(2.95)	(0.50)	(100.00)	
Persons usually working	1090	791	588	381	2850	
	(38.25)	(27.75)	(20.63)	(13.37)	(100.00)	
<u>Wholesale & Retail trade</u>						
Establishments	23761	2482	166	37	26446	
	(89.85)	(9.38)	(0.63)	(0.14)	(100.00)	
Persons usually working	57012	21491	4609	3654	86766	
	(65.71)	(24.77)	(5.31)	(4.21)	(100.00)	
<u>Restaurant and Hotel</u>						
Establishments	5148	1645	115	19	6927	
	(74.32)	(23.75)	(1.66)	(0.27)	(100.00)	
Persons usually working	15013	14615	3178	1462	34268	
	(43.81)	(42.65)	(9.27)	(4.27)	(100.00)	

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

1963

PHYSICS 311 - QUANTUM MECHANICS

LECTURE NOTES

BY

ROBERT B. LEVINE

PHYSICS DEPARTMENT

UNIVERSITY OF CHICAGO

CHICAGO, ILLINOIS

1963

PHYSICS 311 - QUANTUM MECHANICS

LECTURE NOTES

BY

ROBERT B. LEVINE

PHYSICS DEPARTMENT

UNIVERSITY OF CHICAGO

CHICAGO, ILLINOIS

1963

PHYSICS 311 - QUANTUM MECHANICS

LECTURE NOTES

Table 4.25 B (Contd.)

Activity group	Size group of employment				All
	1 - 5	6 - 19	20 - 49	50 & above	
1	2	3	4	5	6
<u>Transport</u>					
1. Establishments	1630	294	86	63	2073
	(78.63)	(14.18)	(4.15)	(3.04)	(100.00)
2. Persons usually working	3168	2786	2573	20142	28669
	(11.05)	(9.72)	(8.97)	(70.26)	(100.00)
<u>Storage and warehousing</u>					
1. Establishments	863	84	14	7	968
	(89.15)	(8.68)	(1.45)	(0.72)	(100.00)
2. Persons usually working	1403	771	421	1518	4113
	(34.11)	(18.74)	(10.24)	(36.91)	(100.00)
<u>Communication</u>					
1. Establishments	413	188	85	82	768
	(53.77)	(24.48)	(11.07)	(10.68)	(100.00)
2. Persons usually working	1108	2001	2509	3927	14605
	(7.59)	(13.70)	(17.59)	(61.12)	(100.00)
<u>Finance Insurance Real Estate and Business Services</u>					
1. Establishments	3612	1272	361	82	5327
	(57.80)	(23.88)	(6.78)	(1.54)	(100.00)
2. Persons usually working	9023	13101	10693	11031	43848
	(20.58)	(29.88)	(24.38)	(25.16)	(100.00)
<u>Community Social & personal services</u>					
1. Establishments	12366	4717	1887	894	19864
	(62.25)	(23.75)	(9.56)	(4.50)	(100.00)
2. Persons usually working	23460	50392	57644	110009	246505
	(11.55)	(20.44)	(23.38)	(44.63)	(100.00)
<u>Others</u>					
1. Establishments	651	122	18	13	804
	(80.97)	(15.17)	(2.24)	(1.62)	(100.00)
2. Persons Usually working	1549	1120	520	2403	5592
	(27.70)	(20.03)	(9.30)	(42.97)	(100.00)



1980 Economic Census - V.S. 1977 Economic Census

4.69 The comparative position in respect of salient aspects of non agricultural establishments enumerated in 1980 Economic Census and 1977 Economic Census are given in Table 4.27. It is observed that:-

i) number of non-agricultural establishments as per 1980 Economic Census in Kerala was 2.8 lakh as compared to 1.7 lakh in the 1977 Economic Census showing an increase of 65 percent.

ii) Total number of persons usually working in non-agricultural establishments as per 1980 Economic Census was 16.70 lakhs as compared to 14.07 lakhs as per 1977 Economic Census, showing an increase of about 19 percent.

iii) Total number of hired workers in non-agricultural establishments as per 1980 Economic Census was 15.15 lakhs as against 12.81 lakhs as per 1977 Economic Census showing an increase of 18.28%.

Table 4.27. Selected items pertaining to non-agricultural establishments as per Economic Census 1980 and Economic Census 1977.

Item	Total	
	1977	1980
1. Number of Establishments	171124	282618
2. Number of persons usually working	1407307	1670430
3. Number of hired workers	1281023	1515156
4. Average number of persons per establishment	8.2	5.9
5. Percentage of :-		
i) Co-operative Establishments	4.03	4.15
ii) Private establishments	79.90	76.92
iii) Power/fuel operated establishment	19.06	19.77
iv) Establishments operating without premises	0.62	5.14

4.70 The increase in the number of non-agricultural establishments may be due to better coverage in 1980 Economic Census and natural increase in entrepreneurial activities.

4.71 During the 1980 Census complete houselisting approach was followed in the entire rural and urban areas whereas during 1977 Census in villages with less than 5000 population which accounted for a substantial number, complete listing was not followed and only a village level enquiry was adopted.

Contd...

4.72 Increase in percentage of Co-operative establishments, establishments operating power/fuel used and establishments operating without premises to the total number of non-agricultural establishments was noticed in the 1980 Economic Census when compared to the 1977 Census. But in the case of private establishments a decrease in the percentage was noticed in the 1980 census.

4.73 It has been observed from the results of the two Economic Census that the three major activity groups under non-agricultural establishments viz. Manufacturing and Repair services, Wholesale and retail trade and Community, social and personal services were the most important major activity groups in the State when compared in terms of the number of establishments and persons usually working in them. In 1977 Census these three major activity groups together accounted for 82.69% of the total non-agricultural establishments. This percentage for 1980 census was 82.81. The number of persons usually working in the three major activity groups for 1977 and 1980 Economic Census was found to be 84.6% and 82.49% respectively.

Chapter V

SUMMARY OF RESULTS

5.1 The 1980 Economic Census revealed that there were 8.72 lakh enterprises engaged in different economic activities other than crop production and plantation with 24.52 lakh persons usually working in them. Out of these enterprises 94.7 per cent were engaged in agricultural activities. and the remaining 5.3 per cent were engaged in non-agricultural activities. Rural enterprises accounted for 75.56 percent of total enterprises.

5.2 Out of the total of 24.52 lakh persons usually working in all enterprises, 0.76 lakh persons (3.1% of the total) were working in agricultural enterprises. The share of rural areas with regard to total employment in agricultural enterprises was 78.51 percent.

5.3 Out of the total enterprises, 0.98 lakh were working without premises and about 5 percent of the total enterprises (0.45 lakh) were of seasonal nature. About 18.49 percent of the total enterprises (1.61 lakh) were working with power/fuel. Nearly 3.19 percent of the total enterprises (0.28 lakhs) were owned by scheduled caste and 0.66 percent by scheduled tribes. (0.06 lakhs) Enterprises under private ownership accounted for 92.49 percent of the total enterprises.

[The page contains extremely faint and illegible text, likely bleed-through from the reverse side of the document. The text is scattered across the page and cannot be transcribed accurately.]

: 71 :

Agricultural enterprises

5.4 There were 0.46 lakh enterprises engaged in agricultural activities other than crop production and plantation. These enterprises had usual employment of 0.76 lakhs of which 0.24 lakhs (31.6%) were hired workers.

5.5 Own account enterprise (0.35 lakhs) constituted 75.3 percent of the total agricultural enterprises and establishments (0.46 lakhs) accounted for the rest. About 60 percent of the total persons (0.46 lakhs) were working in own account agricultural enterprises.

5.6 Out of the total own account enterprises 12.2 percent (0.05 lakhs) were seasonal. 2.85 percent (0.01 lakhs) working with power/fuel and 57.66 percent (0.20 lakhs) without premises.

5.7 Among the total of 0.114 lakhs establishments, 18.62 percent (0.02 lakhs) were seasonally operated, 7.94 percent (0.009 lakhs) were operating with power/fuel and 70.36 percent (0.08 lakhs) were working without premises.

5.8 Private establishments (0.111 lakh) accounted for 97.5 percent of the total establishments. The establishments owned by co-operatives constituted only about 0.7 percent.

5.9 91.1 percent of the establishments (0.1 lakhs) were of smaller size each having 1-5 persons working. They shared among themselves 66.39 percent of the total employment of all sizes.

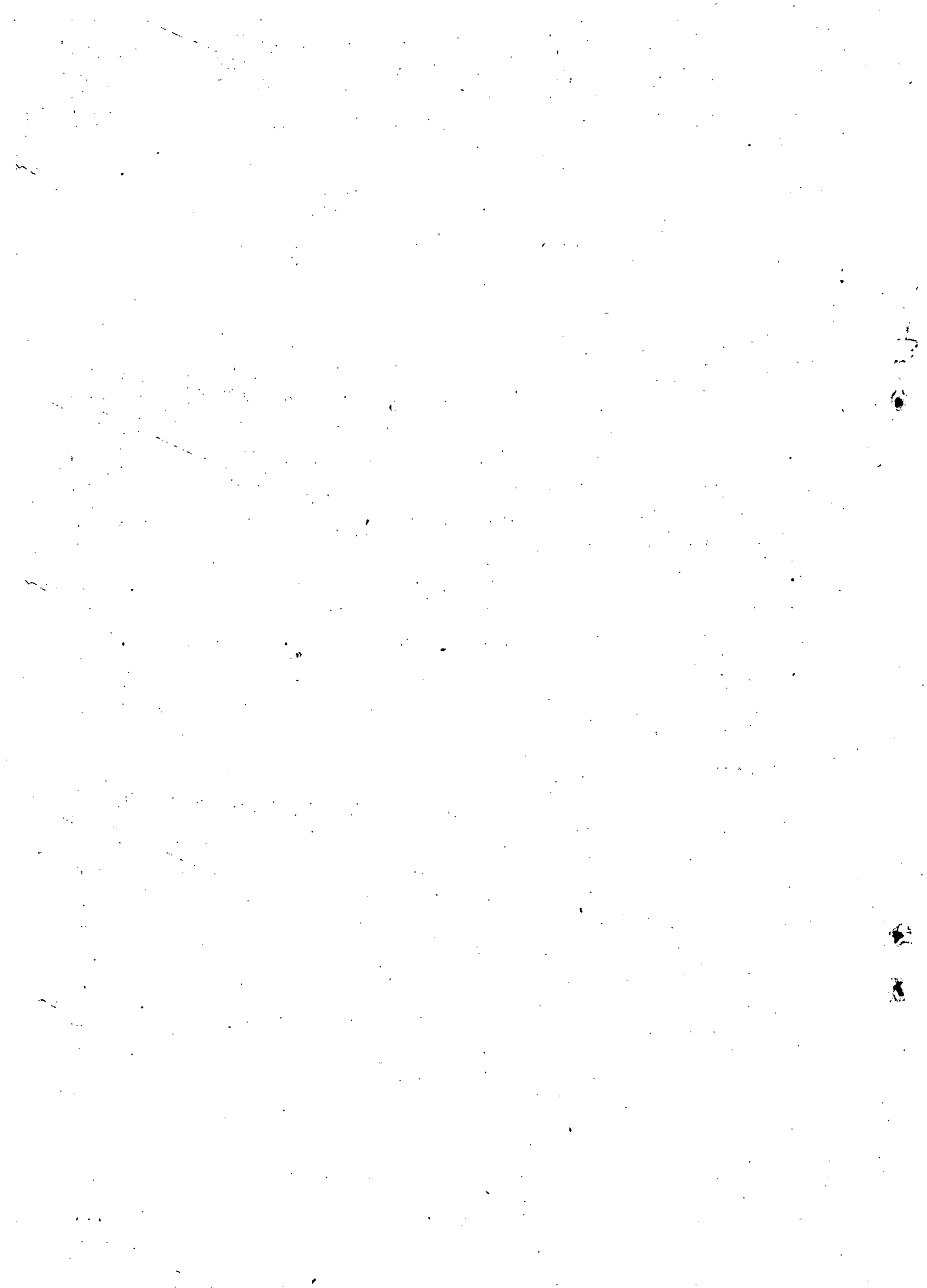
Non-agricultural enterprises

5.10 At the State level there were 8.26 lakhs non-agricultural enterprises with 23.75 lakhs persons usually working.

5.11 Own account enterprises (5.43 lakhs) formed 65.8 percent of the total non-agricultural enterprises and establishments (2.83 lakh) constituted the remaining. 34.2% Own account enterprises accounted for 29.7 percent of the total persons working in non-agricultural enterprises and establishments shared the rest.

5.12 In the total number of own account enterprises and establishments rural areas had major share than the urban areas. Female employment 6.19 lakhs constituted 26.06% of the total employment in all non-agricultural enterprises.

Contd...



5.13 Females share in the total employment was more in establishments than in own account enterprises. They accounted for 21.18 percent of the total employment in own account enterprises and 78.82 percent in establishments.

5.14 The three major activity groups viz. Manufacturing and Repair services, Wholesale and retail trade and Community social and personal services shared among themselves 82.83% of the total number of own account enterprises and 32.49 percent of the total employment. They also accounted for 85.48% of the female employment.

5.15 Out of the total own account enterprises in the state (5.43 lakhs), 4.67 percent were seasonally operating, 19.06 percent were working with power/fuel and 10.19 percent were working without premises. Out of the total own account enterprises 0.77% were owned by Scheduled Tribes and 4.07% were owned by Scheduled Castes.

5.16 Hired workers constituted 90.7 percent of the total persons employed in the non-agricultural establishments. Amongst the hired workers 30.9 percent were females.

5.17 The three major activity groups, Manufacturing and Repair Services, Wholesale and retail trade and Community, social and personal services constituted 82.8 percent of the total number of non-agricultural establishments and they accounted for 84.6 percent of the total persons usually working in all non-agricultural establishments.

5.18 Out of the total establishments, 4.6 percent were seasonal, 19.8 percent were operating with power/fuel and 5.14 percent were working without premises. Co-operative and private establishments represented respectively 4.15 percent and 76.9 percent of the total establishments. The employment in the private establishments accounted for 60.85 percent of the total employment in all establishments.

5.19 At the State level, on an average of 5.9 persons were employed in an establishment. The average persons for rural establishment was 5.2 and for urban establishment the average was 7.4.



: 73 :
CENSUS OF INDIA 1981
HOUSELIST

Annexure. I

Name of State/ Union Territory	Code No.	Name of Village/ Town	Code No.
Name of District	Code No.	Name or No. of Ward/ Mohalla/Hamlet	Code No.
Name of Tehsil/ Taluka/P.S./Dev. Block/ Circle etc.	Code No.	Enumerator's Block No.	

Line No.	Building No. (Municipal or local authority or census No.)	Census House No.	Purpose for which census house is used (if wholly or partly non-residential, fill Enterprise List	Household No.	Name of the head of household.	Is the household engaged in an enterprise outside this census house & without premises? If Yes, fill in	Number of persons normally residing in census household	Males	Females	Total	Blind	Crippled	Dumb	Remarks
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														

Total xx	(a)	xxx	(a)	xxx	xx
Signature of Enumerator	Date	Signature of office Compiler	Date	Signature of field Supervisor	Date

Note: (a) Count No. of entries and give total

Strike total for each of the columns 8 to 13.

**CENSUS OF INDIA 1981
(ECONOMIC CENSUS)
ENTERPRISE LIST**

Page No.

1. State/Union Territory..... Code No.
 2. District..... Code No.
 3. Tehsil/Taluka/P.S./Dev. Block/Circle etc..... Code No.
 4. Village/Town..... Code No.
 5. Name or No. of Ward/Mohalla/Hamlet..... Code No.
 6. Enumerator's Block No. Code No.
 7. C. D. Block..... Code No.
 8. Rural/Urban..... Code No.

Line number of Houcelist (col.1 of HL)	Census house No. (col. 3 of HL)	Sl. No. of enterprise		Description of activity of enterprise	Code	Classification of enterprise (agri-1, non-agri-2)	Nature of operation (perennial-1, seasonal-2)	Type of ownership *	Social group of owner (SC-1, ST-2, others-3)	Power/fuel used for activity **	Number of persons usually working daily						Remarks	
		2	3								Non-agricultural enterprises (Code 2 in col. 5)			Agricultural enterprises (Code 1 in col.5)				
1	1 (1)			4	4 (1)	5	6	7	8	9	Total (including unpaid workers)		Hired		Total (including unpaid workers)	Hired		
		10	11								12	13	14	15			16	17
Total	x x x x			x x x x	x						[c]	[c]	[c]	[c]		x x x x		

Signature of Enumerator..... date.....
 Signature of Supervisor..... date.....
 [a] Count number of entries and give total.
 [b] Count number of entries with code 1 and give total.
 [c] Count number of entries and give total in the brackets.
 * Type of ownership --- private-1, cooperative-2, central govt-3,
 state govt-4, local body-5, others-6
 ** Power/fuel used --- without power-1, electricity-2, coal/sft coke/wood-3,
 petrol/diesel-4, gas-5, animal power-6, others-7

**CENSUS OF INDIA 1981
(ECONOMIC CENSUS)
ENTERPRISE LIST**

1. State/Union Territory..... Code No..... 5. Name or No. of Ward/Mohalla/Hamlet..... Code No.....
 2. District Code No..... 6. Enumerator's Block No Code No.....
 3. Tehsil/Taluka/P.S./Dev. Block/Circle etc..... Code No..... 7. C. D. Block..... Code No.....
 4. Village/Town Code No..... 8. Rural/Urban Code No.....

Line number of Houselist (col.1 of HL)	Census house No. (col. 3 of HL)	Sl. No. of enterprise		Description of activity of enterprise Code	Classification of enterprise (agri-1, non-agri-2)	Nature of operation (perennial-1, seasonal-2)	Type of ownership *	Social group of owner (SC-1, ST-2, others-3)	Power/fuel used for activity **	Number of persons usually working daily									Remarks
		2	3							Non-agricultural enterprises (Code 2 in col. 5)						Agricultural enterprises (Code 1 in col.5)			
										Total (including unpaid workers)			Hired			Total (including unpaid workers)	Hired		
										Males	Females	Total	Males	Females	Total				
10	11	12	13	14	15	16	17	18											
1	1 (i)	2	3	4	4 (i)	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Total	x x x	[a]	[a]	x x x	x	[b]	[b]	[b]	[b]	[b]			[c] []			[c] []		[c] []	x x x

Signature of Enumerator.....date.....
 Signature of Supervisor.....date.....

[a] Count number of entries and give total.
 [b] Count number of entries with code 1 and give total.
 [c] Count number of entries and give total in the brackets.

* Type of ownership — private-1, cooperative-2, central govt-3, state govt-4, local body-5, others-6
 ** Power/fuel used — without power-1, electricity-2, coal/soft coke/wood-3, petrol/diesel-4, gas-5, animal power-6, others-7

75
 CENSUS OF INDIA 1981
 (Economic census)
 ENTERPRISE LIST ABSTRACT

Annexure III

1. State/Union Territory
2. District
3. Tehsil/Taluka/P.S./Dev.Block/Circle etc.
4. Village/town
5. Name or No. of Ward/Mohalla/Hamlet
6. Enumerator's Block No.
7. C.D. Block
8. Rural/Urban

	Total No. of enterprises	Total number of enterprises owned by	Code No.
1. Page no. of Enterprises List (EL)			
2. without premises (col.3 of EL)			
3. without premises (col.3 of EL)			
4. Total no. of agri. enterprises (col.5 of EL)			
5. Perennial (col.6 of EL)			
6. private (col.7 of EL)			
7. SC (col.8 of EL)			
8. without power (col.9 of EL)			
9. males (col.10 of EL)		Total number of persons including unpaid workers usually working in non-agricultural enterprises	
10. Female (col.11 of EL)			
11. Total (col.12 of EL)			
12. Total no. of non-agri. enterprises (figure within brackets of col.12 of EL)			

Signature of Enumerator date
 Checked and found correct
 Signature of Supervisor date:

CENSUS OF INDIA 1981
(ECONOMIC CENSUS)
ENTERPRISE LIST

Annex-III Cond.../-

Number of hired persons usually working in non-agricultural enterprises			No. of non-agri. enterprises with hired employment (figure within brackets of col.15 of EL)	Total no. of persons usually working in agricultural enterprises		No. of agriculture enterprises with hired employment (figure within brackets of col.17 of EL)
Males (col.13 of EL)	Females (col.14 of EL)	Total (Col.15 of EL)		Total including unpaid workers (col. 16 of EL)	Total including unpaid workers (col. 17 of EL)	
13	14	15	16	17	18	19

Signature of Enumerator date:

Checked and found correct

Signature of supervisor date

ECONOMIC CENSUS : 1980
SUMMARY STATEMENT

ANNEX IV
RURAL

Distribution of non-agricultural enterprises according to major activity groups

State: _____ District: _____ number of non-agricultural enterprises

Code	Village name	Enumeration block no.	total	mining and quarrying	
				own account enterprises	establishments
x	y	z	1	2	D ND
					3(a) 3(b)

Sub-total for tehsil/
CD Block (name of tehsil/
CD Block)

Total for District

Note: ~~D~~ Directory establishment i.e. establishment having total employment of six or more workers.

Total	manufacturing and repair services		Total	electricity, gas and water	
	own account enterprises	establishments		Own account enterprises	establishment
4	5	D 6(a)	7	D 8	ND 9(a) 9(b)

ECONOMICS CENSUS : 1980
SUMMARY STATEMENT

Distribution of non-agricultural enterprises according to major activity groups - contd...

State: _____ District: _____ number of non-agricultural enterprises

code	Village name	enumeration block no.	Total	Construction own account enterprises	D	establishments	ND
x	y	z	10	11	12(a)		12(b)

Sub-total for tehsil/
CD Block (name of tehsil/
CD Block)

Total for District

Total	Wholesale and retail trade		Total	restaurants and hotels	
	own account enterprises	establishments		own account enterprises	establishments
	D	ND		D	ND
13	14	15(a)	16	17	18(b)

: 81 :
ECONOMIC CENSUS : 1980
SUMMARY STATEMENT

Distribution of non-agricultural enterprises according to major activity groups - contd.....

State:		District:		number of non-agricultural enterprises			
Code	Village name	enumeration block No.	Total	own account enterprises	transport	establishment	
x	y	z	19	20	D	21(a)	21(b)

Sub-total for tehsil/
CD Block name of tehsil/
CD Block)

Total for District

Economic Census: 1980
Summary statement

Distribution of non-agricultural enterprises according to major activity groups- Contd...
....

total	<u>Storage and warehousing</u>			<u>Communications</u>			
	own account enterprises	D	<u>establishments</u> ND	total	own account enterprises	D	<u>establishment</u> ND
22	23	24(a)	24(b)	25	26	27(a)	27(b)

ECONOMIC CENSUS : 1980
SUMMARY STATEMENT

Distribution of non-agricultural enterprise according to major activity groups - conold.

State:		District		number of non-agricultural enterprises						
Code	village name	enumera- tion block no.	Financing, insurance, real estate and business services			Community, social and personal services				
			total	own account enterprises	establishments D ND	Total	own account enterprises	establishment D ND		
x	y	z	28	29	30(a)	30(b)	31	32	33(a)	33(b)

sub-total for tehsil/ CD Block (name of tehsil/ CD Block)										

Total for District										

<u>others</u>				<u>all non-agricultural enterprises</u>			
total	own account	establishments		total	own account	establishments	
enterprises	enterprises	D	ND	enterprises	enterprises	D	ND
34	35	36(a)	36(b)	37	38	39(a)	39(b)

ECONOMIC CENSUS : 1980
SUMMARY STATEMENT

Distribution of non-agricultural enterprises according to major activity groups

State:
Town/City:

District:

Number of non-agricultural enterprises

Municipal ward No.	enumeration block no.	total	mining and quarrying		manufacturing and repair services				
			own account enterprises	establishments	total	own account enterprises	establishments	establishments	
y	z	1	2	3(a)	3(b)	4	5	6(a)	6(b)

Sub-total for ward

Total for town/city



total	own account enterprises <u>electricity, gas and water</u>	D	<u>establishments</u>	ND
7	8	9(a)		9(b)

ECONOMIC CENSUS : 1980
SUMMARY STATEMENT

Annex IV-contd....
URBAN

Distribution of non-agricultural enterprises according to major activity groups-contd...

State:

District:

number of non-agricultural enterprises

Town/City:

municipal ward No.	enumeration block No.	total	Construction own account enterprises	establishments	
				D	ND
y	z	10	11	12(a)	12(b)

Sub-total for ward

Total for town/city

<u>Wholesale and retail trade</u>				<u>restaurants and hotels</u>			
Total	own account enterprises	establishment D	establishment ND	total	own account enterprises	D	establishment ND
13	14	15(a)	15(b)	16	17	18(a)	18(b)

sub-total forward

Total for town/city

ECONOMIC CENSUS : 1980

SUMMARY STATEMENT

ANNEX -IV(Contd....)
URBAN

Distribution of non-agricultural enterprises according to major activity groups-Contd....

State:
Town/City

District

number of non-agricultural enterprises

municipal enumeration
ward no. block No.

total

own account
enterprises

transport

D

establishments

ND

y

z

19

20

21(a)

21(b)

Sub-total for ward

Total for town/city

<u>Storage & warehousing</u>				<u>Communications</u>			
total	own account enterprises	D establishments	ND	total	own account enterprises	D establishment	ND
22	23	24(a)	24(b)	25	26	27(a)	27(b)

ECONOMIC CENSUS : 1980

Summary statement

Distribution of non-agricultural enterprises according to major activity groups-Contld.

....

State:

Town/City:

District:

number of non-agricultural enterprises

municipal enumeration ward no. block no. financing, insurance, real estate and business services Community, Social & personal services

total own account enterprises D establishments ND total own account enterprises D establishments ND

y z 28 29 30(a) 30(b) 31 32 33(a) 33 (b)

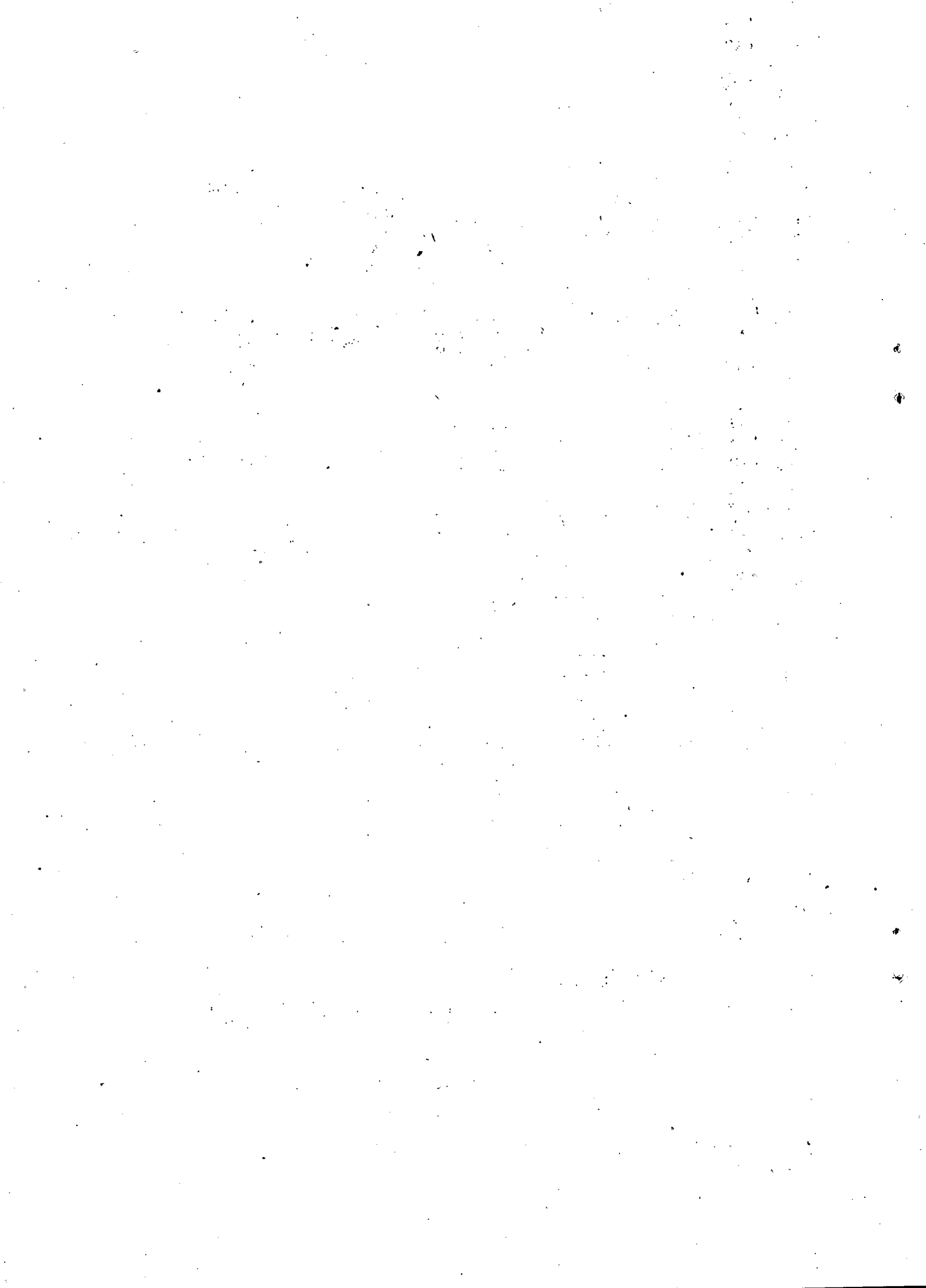
sub-total for ward

Total for town/city

DESCRIPTION OF MAJOR ECONOMIC ACTIVITIES

- (i) Mining and quarrying: This includes coal mining, crude petroleum and natural gas, metal ore mining and quarrying.
- (ii) Manufacturing and repair services: This sector includes the manufacture of food products; beverages, tobacco and tobacco products; cotton textiles; wool, silk and synthetic fibre textiles; jute, hemp and mesta textiles; textiles products; wood and wood products, furniture and fixtures; paper and paper products and printing, publishing; leather and leather & fur products; rubber, plastic, petroleum and coal products; chemicals and chemical products; non-metallic mineral products; basic metal products; metal products; machinery and machine tools; electrical machinery, apparatus, appliances; transport equipment; other manufacturing industries and repair services.
- (iii) Electricity, gas and water: This includes generation, transmission and distribution of electric energy; manufacture and distribution of gas; collection, purification and distribution of water.
- (iv) Construction: This includes all construction and activities allied to construction.
- (v) Wholesale and retail trade: This includes wholesale and retail trade in food, textiles, beverages, tobacco and intoxicants, live animals, fuel, light, chemicals, perfumery, ceramics and glass, wood, paper, other fabrics, skin and inedible oils, machinery, equipment including transport and electrical equipments and trade in miscellaneous manufacturing.
- (vi) Restaurants and hotels: This includes restaurants, cafes and other eating and drinking places, hotels, rooming houses, camps and other lodging places.
- (vii) Transport: This includes all land, water and air transport and services incidental to transport.
- (viii) Storage and warehousing: This includes warehousing, cold storage and storage & warehousing not elsewhere classified.
- (ix) Communications: This includes postal, telegraphic, wireless and signal communications, telephone communications and communications not elsewhere classified.
- (x) Financing, insurance, real estate and business services: This sector includes banking and similar type of financial institutions, providents and insurance, real estate, business services and legal services.
- (xi) Community, social and personal services: This includes public administration and defence services; sanitary services; educational, scientific and research services, medical and health services; community services; recreational and cultural services; personal services etc.
- (xii) Others: In this sector economic activities without any affiliation to any particular industry and activities not adequately defined above are included.

.....

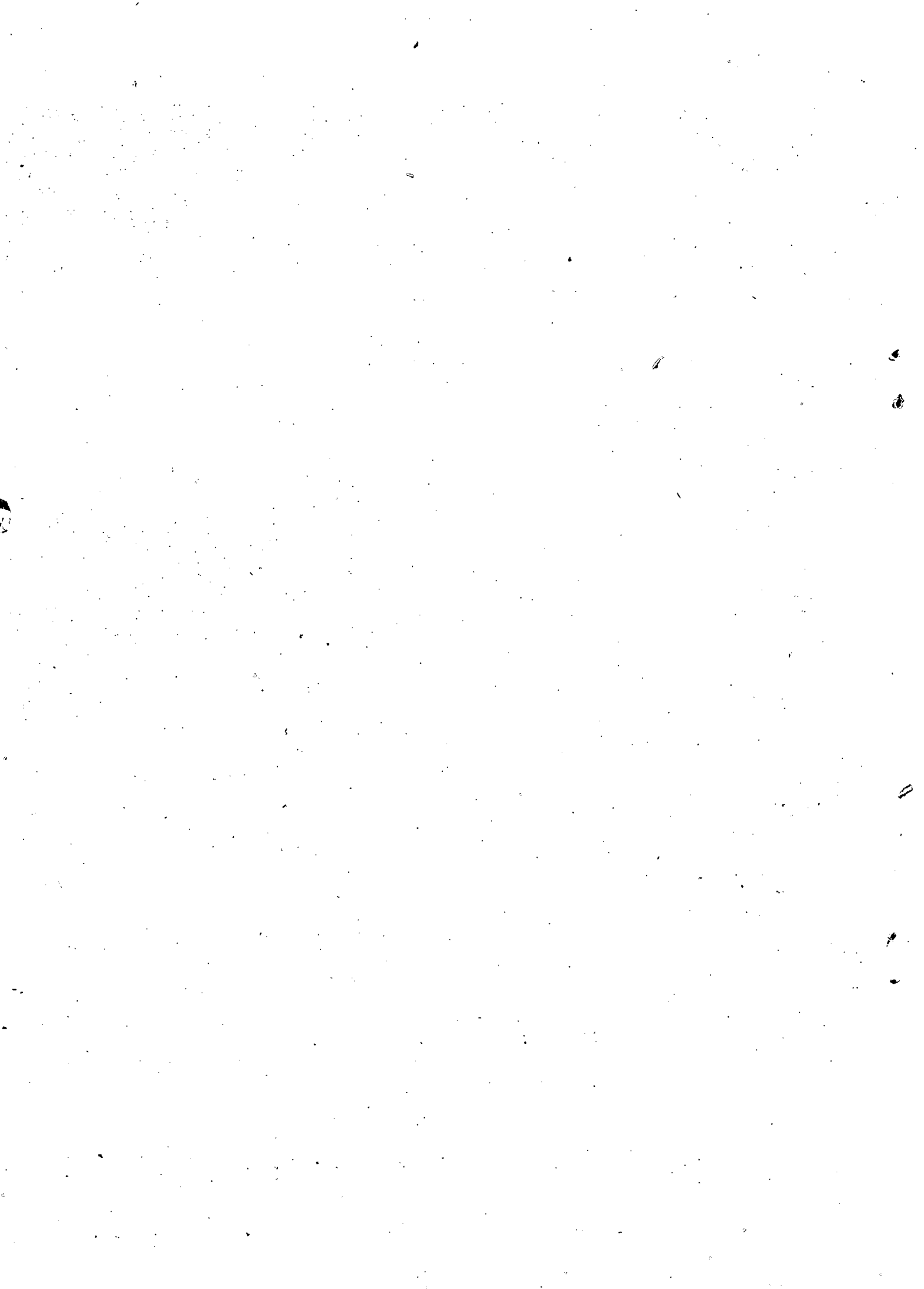


LIST OF ACTIVITIES FOR WHICH THE PRINCIPAL CHARACTERISTICS OF
 AGRICULTURAL OWN ACCOUNT ENTERPRISES/ESTABLISHMENTS ARE
 CLASSIFIED

Sl. No.	Description of activity	NIC CODES
1.	Cattle and goats-breeding, rearing, ranching, etc. and production of milk.	0200
2.	Rearing of sheep and production of wool	0210
3.	Rearing of horses, mules, camels and other pack animals	0220
4.	Rearing of pigs and other animals	0230
5.	Rearing of ducks, hens and other birds and production of eggs	0240
6.	Rearing of bees and production of honey and wax	0250
7.	Rearing of silk-worms and production of cocoons and raw silk	0260
8.	Rearing of livestock and production of livestock products not elsewhere classified	0290
9.	Agricultural services	0300, 0310, 0320, 0330, 0340, 0350, 0360, 0390.
10.	Hunting, trapping and game propagation	0400
11.	Forestry and logging	0500, 0510, 0520, 0530, 0540, 0590
12.	Fishing	0600, 0610, 0620, 0630, 0690.
AGRICULTURE, HUNTING, FORESTRY AND FISHING (other than agricultural production and Plantation)		All codes under Sl.No.1 to Sl.No.12 above

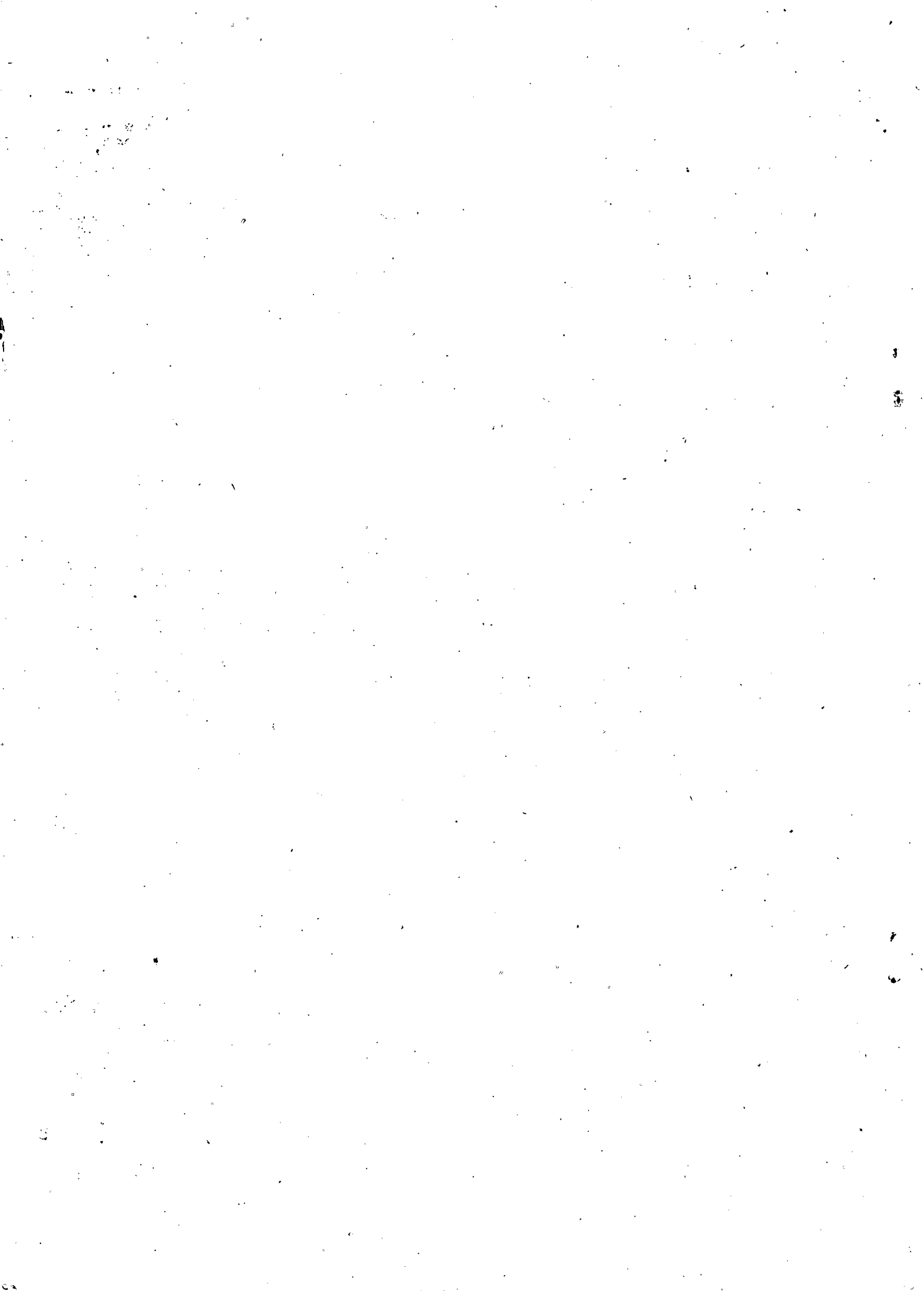
LIST OF ACTIVITIES FOR WHICH THE PRINCIPAL CHARACTERISTICS OF
NON - AGRICULTURAL OWN - ACCOUNT ENTERPRISES/ESTABLISHMENTS ARE
CLASSIFIED

Sl. No.	Description of activity	NIC Codes
1	2	3
1.	Coal mining	: 1000, 1010
2.	Crude petroleum & natural gas	: 1100, 1110
3.	Metal ore mining	: 1200, 1210, 1220, 1230, 1240, 1250 1260, 1270, 1280, 1290
4.	Other mining	: 1901-1909, 1911-1914, 1919, 1920 1931-1935, 1939, 1940, 1950, 1991- 1999.
I. MINING AND QUARRYING		: All codes under Sl.No.1 to Sl.No.4 above.
5.	Manufacture of food products	: 2001-2006, 2011-2019, 2021-2026, 2029, 2031-2035, 2039, 2041- 2044, 2049, 2051-2053, 2059, 2060, 2071-2074, 2080, 2091-2093, 2099, 2100, 2110, 2120, 2131, 2132, 2141- 2143, 2149, 2150, 2161, 2162, 2169, 2171-2174, 2179, 2191-2199.
6.	Manufacture of beverages	: 2200, 2210, 2221-2223, 2230, 2241- 2244, 2249.
7.	Manufacture of tobacco & Tobacco products	: 2250, 2260, 2271, 2272, 2281-2283, 2289, 2290.
8.	Production of Khadi	: 2340
9.	Weaving of cotton textiles in handloom other than khadi	: 2351
10.	Finishing of cotton textiles in handloom other than khadi	: 2352
11.	Weaving of cotton textiles in powerloom	: 2361
12.	Finishing of cotton textiles in powerloom	: 2362
13.	Manufacture of other cotton textiles	: 2301, 2302, 2311, 2312, 2321, 2322, 2324, 2325, 2330, 2390.



1	2	3
14.	Wool weaving in handlooms	: 2422
15.	Wool weaving in powerlooms	: 2423
16.	Manufacture of felts	: 2442
17.	Manufacture of other wool products	{ 2401, 2402, 2410, 2421, 2430, 2443, 2444, 2449.
18.	Manufacture of silk textiles	: 2451, 2452, 2461, 2462
19.	Manufacture of synthetic fibre textiles	{ 2471, 2472, 2481, 2482
20.	Manufacture of silk and synthetic fibre textiles not elsewhere classified	{ 2490
21.	Manufacture of jute, hemp and mesta textiles	{ 2500, 2511, 2512, 2520, 2531, 2532, 2590.
22.	Cotton knitting in mills	: 2601
23.	Woollen knitting in mills	: 2602
24.	Synthetic fibre knitting in mills	{ 2603
25.	Manufacture of zari and zari products	{ 2623
26.	Manufacture of coir and coir products	{ 2681-2683, 2689
27.	Manufacture of other textile products (including wearing apparel other than footwear)	{ 2604, 2611-2614, 2619, 2624- 2627, 2629, 2633-2639, 2642- 2645, 2651-2653, 2662-2664, 2669, 2671-2674, 2679, 2691- 2693, 2699.
28.	Manufacture of bamboo and cane furniture and fixtures	{ 2771-2774, 2779
29.	Manufacture of other wood and wood products, furniture and fixtures.	{ 2701, 2702, 2709, 2710, 2721- 2723, 2729, 2730, 2741-2744, 2749, 2750, 2760, 2791-2794, 2799
30.	Manufacture of paper and paper products	{ 2801-2807, 2809, 2811-2811-2813, 2819, 2820, 2831, 2832, 2839.
31.	Printing, Publishing and allied industries	{ 2840, 2850, 2860, 2870, 2880, 2890.
32.	Manufacture of leather and leather & fur products (except repair)	{ 2901-2906, 2909, 2911-2914, 2920, 2931, 2932, 2939, 2940 2950, 2960, 2990.
33.	Manufacture of rubber and plastic products	{ 3001-3004, 3009, 3011-3013, 3021-3027, 3029, 3031-3039

1	2	3
34. Manufacture of petroleum and coal products	}	3040, 3051-3053, 3059, 3060, 3071, 3079.
35. Manufacture of chemicals and chemical products(except products of petroleum and coal)	}	3101, 3102, 3111-3115, 3119, 3121-3124, 3129, 3131-3133, 3139, 3141-3149, 3151, 3152, 3161-3167, 3169, 3170, 3181-3184, 3189, 3191-3199
36. Manufacture of tiles	:	3204
37. Manufacture of other structural clay products	}	3201-3203, 3209
38. Manufacture of sanitaryware	:	3232
39. Manufacture of lime	:	3242
40. Manufacture of non-metallic mineral products other than tiles, other structural clay products, sanitaryware and lime	}	3211-3217, 3219, 3221, 3222, 3231, 3233, 3239, 3241, 3249, 3250, 3261, 3262, 3269, 3270, 3281, 3282, 3289, 3291-3296, 3299
41. Basic metal and alloys industries:	}	3301, 3309, 3311-3316, 3319, 3321-3325, 3329, 3331-3333, 3339, 3341-3343, 3349, 3351-3356, 3359, 3361-3363, 3369, 3391, 3392, 3399.
42. Manufacture of sanitary and plumbing fixtures and fittings of metal	}	3404
43. Manufacture of metal products and parts, except machinery and transport equipments, sanitary and plumbing fixtures and fittings of metal.	}	3401-3403, 3405-3407, 3409, 3410, 3420, 3431-3436, 3438-3440, 3451-3454, 3459, 3491-3494, 3499.
44. Manufacture of machinery, machine tools and parts except electrical machinery.	}	3501-3503, 3508, 3509, 3511, 3512, 3518, 3519, 3521-3523, 3528, 3529, 3531-3536, 3538, 3539, 3541-3546, 3548, 3549, 3551-3554, 3558, 3559, 3561-3569, 3571-3579, 3581-3589, 3591-3599.
45. Manufacture of electrical machinery apparatus, appliances and supplies and parts.	}	3601-3604, 3608-3610, 3621, 3622, 3628, 3629, 3631-3639, 3641-3650, 3661, 3662, 3669, 3671-3679, 3691-3696, 3698, 3699.
46. Manufacture of transport equipment and parts	}	3701, 3702, 3708, 3711-3713, 3718, 3721, 3722, 3728, 3731, 3738, 3739, 3741-3743, 3748, 3749, 3751, 3752, 3758, 3759, 3761, 3762, 3768, 3769, 3771, 3778, 3780, 3791, 3792, 3798, 3799.



1

2

3

47. Other manufacturing industries : 3801-3806, 3808, 3809,
3811-3814, 3818, 3819, 3821,
3822, 3828, 3829, 3831, 3832,
3839, 3840, 3851, 3860, 3871-
3879, 3891-3899.
48. Repair services : 3910, 3920, 3930, 3940, 3950, 3990

II & III MANUFACTURING & REPAIR SERVICES: All codes under Sl.No.5 to
Sl.No.48 above.

49. Electricity : 4000, 4010
50. Gas and steam : 4100
51. Water works and supply : 4200

IV. ~~ELECTRICITY~~ : All codes under Sl.No.49 to
Sl.No.51 above.

52. Construction & Maintenance of buildings (including aerodromes) 5000
53. Construction & Maintenance of roads, railways, bridges, tunnels, pipelines, ports, harbours, runways, telegraphs & telephone lines and other communication systems 5010, 5020
54. Construction & Maintenance of waterways & water reservoirs, construction of hydro-electrical projects. 5030, 5040.
55. Construction of industrial plants including thermal plants 5050
56. Construction not elsewhere classified: 5090
57. Activities allied to construction such as plumbing, heating and air-conditioning installation, fixing of doors etc., electrical installation & others 5100, 5110, 5120, 5230,
5140, 5190

V. CONSTRUCTION

: All codes under Sl.No.52 to
Sl.No.57 above.

1	2	3
---	---	---

58. Wholesale trade	:	6000, 6010, 6020, 6030, 6040, 6050, 6060, 6070, 6080, 6100, 6110, 6120, 6130, 6200, 6210, 6220, 6230, 6300, 6310, 6320, 6400, 6410, 6420, 6430, 6440, 6450, 6460, 6470, 6490.
59. Retail trade	:	6500, 6510, 6520, 6530, 6540, 6550, 6560, 6590, 6600, 6610, 6700, 6710, 6720, 6730, 6740, 6750, 6760, 6790, 6800, 6810, 6820, 6830, 6840, 6890.

I(a) WHOLESALE AND RETAIL TRADE : All codes under Sl.No.58 to Sl.No.59 above.

60. Restaurants, cafes & other eating & drinking places : 6900

61. Hotels, rooming houses, camps and other lodging places : 6910

I(b) RESTAURANTS AND HOTELS : 6900, 6910

62. Railway transport : 7000

63. Passenger transport by tramway and bus-services : 7010

64. Passenger transport by other motor vehicles : 7020

65. Other road transport : 7030, 7040, 7050, 7060

66. Pipeline transport : 7070

67. Supporting services to land transport : 7080

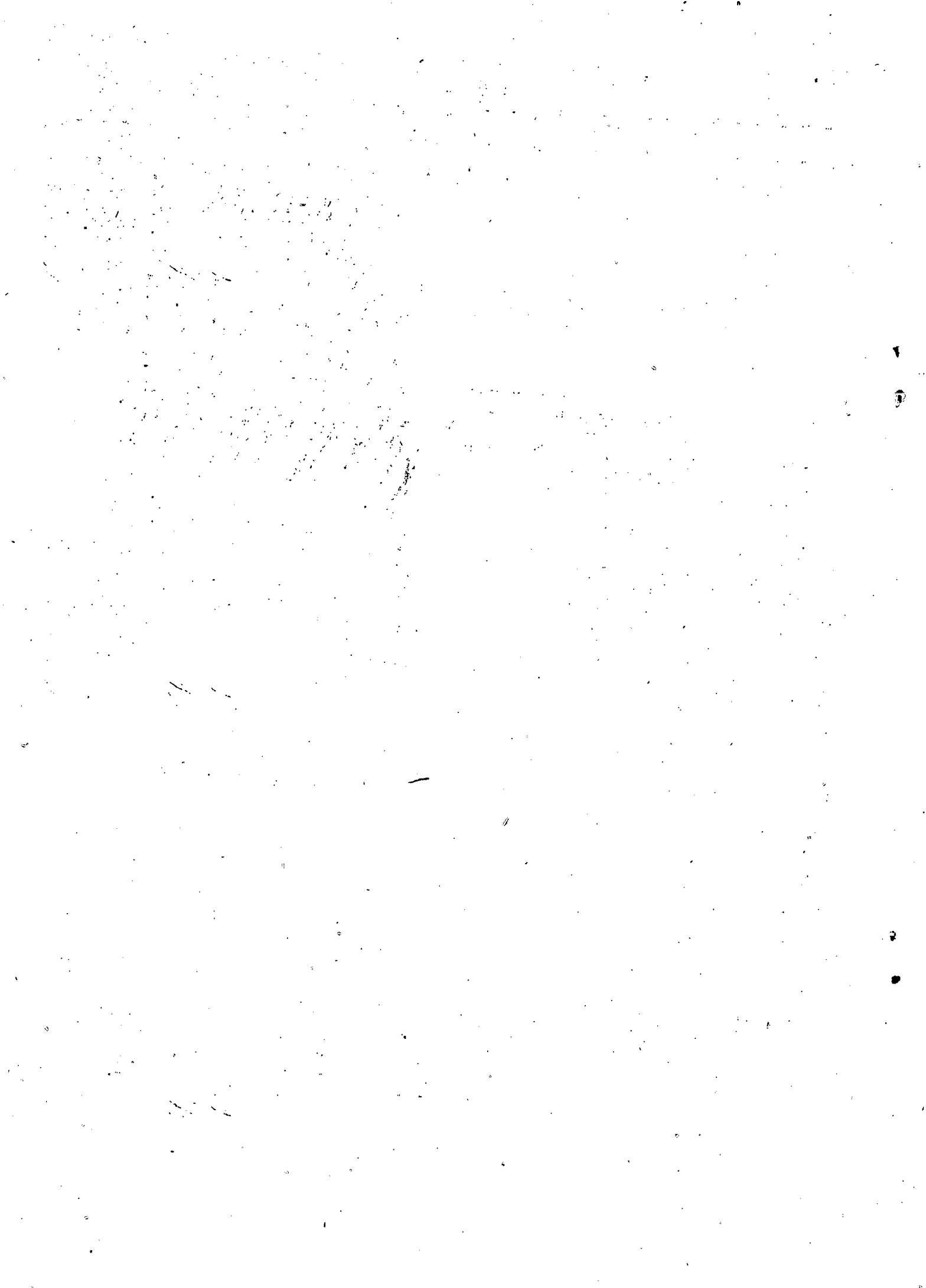
68. Inland water transport : 7110

69. Other water transport : 7100, 7120

70. Air transport : 7200, 7210

71. Services incidental to transport such as packing, carting, travel agency etc. : 7300

II(a) TRANSPORT : All codes under Sl.No.62 to Sl.No.71 above.



: 100:

1	2	3
72. Storage & Warehousing		: 7400, 7410, 7490
II(b) STORAGE AND WAREHOUSING		: 7400, 7410, 7490
73. Communications		: 7500, 7510, 7590
II(c) COMMUNICATIONS		: 7500, 7510, 7590
74. Banking		: 8000
75. Credit institutions other than banks such as industrial development banks, etc.		: 8010
76. Other financial institutions such as pawn brokers, money lenders etc.		: 8090
77. Provident services		: 8100
78. Insurance carriers, life and other than life		: 8110, 8190
79. Real estate purchase & sale, agents and brokers, auctioneering		: 8200, 8210, 8220
80. Accounting, Auditing and book-keeping services		: 8230
82. Data processing and tabulation services		: 8240
82. Engineering architectural and technical services		: 8250
83. Advertising & publicity services		: 8260
84. Machinery & equipment, rental and leasing		: 8270
85. News agencies		: 8280
86. Business services, except machinery and equipment rental and leasing, not elsewhere classified		: 8290
87. Legal services		: 8300
VIII. FINANCING, INSURANCE, REAL ESTATE AND BUSINESS SERVICES		All code under Sl.No.74 to Sl.No.87 above.

1	2	3
88.	Public administration	: 9000, 9010, 9020, 9030
89.	Sanitary services	: 9100
90.	Educational services	: 9200, 9210
91.	Research & Scientific services	: 9220
92.	Medical & health services(except veterinary services)	: 9300
93.	Veterinary services	: 9310
94.	Religious & welfare services	: 9400, 9410
95.	Business, professional and labour organisations	: 9420
96.	Community services not elsewhere classified	: 9490
97.	Recreational & Cultural services	: 9500, 9510, 9520, 9530, 9540, 9550, 9560, 9590
98.	Personal services	: 9600, 9610, 9620, 9630, 9690
99.	Services not elsewhere classified:	9800, 9900
IX COMMUNITY, SOCIAL AND PERSONAL SERVICES		: All codes under Sl.No.88 to Sl.No.99 above.
100	Others	: X000, X100, X110, X120, X130, X140, X150, X160, X170, X170, X180, X190.
X OTHERS		: All codes in Sl.No.100
XI ALL ACTIVITIES		: All codes under Sl.No.1 to Sl.No.100 above.

LIST OF AGRICULTURAL ACTIVITIES FOR WHICH B-SERIES TABLES
ARE PREPARED

...

Sl.No.	Description of activity	NIC Codes
1.	Livestock production	: 0200, 0210, 0220, 0230, 0240
2.	Rearing of bees and production of honey & wax	0250
3.	Rearing of silk-worms and production of cocoons and raw silk	0260
4.	Rearing of livestock and production of livestock products not elsewhere classified	0290
5.	Agricultural services	: 0300, 0310, 0320, 0330, 0340, 0350, 0360, 0390.
6.	Hunting, trapping and game propagation	0400
7.	Forestry and logging	: 0500, 0510, 0520, 0530, 0540, 0590-
8.	Fishing	: 0600, 0610, 0620, 0630, 0690.
0	AGRICULTURE, HUNTING, FORESTRY AND FISHING (Other than agricultural production and plantation)	All codes under Sl.No.1 to Sl.No. 8 above.

: 103 :

LIST OF GROUPS OF NON -AGRICULTURAL ACTIVITIES FOR WHICH B-SERIES
TABLES ARE PREPARED

Sl.No.	Description of activity	NIC Codes
1.	Mining and quarrying	1000, 1010, 1100, 1110, 1200, 1210 1220, 1230, 1240, 1250, 1260, 1270 1280, 1290, 1901-1909, 1911-1914 1919, 1920, 1931-1935, 1939, 1940 1950, 1991-1999
I. MINING AND QUARRYING		: All codes under Sl.No.1 above
2.	Manufacture of food products	: 2001-2006, 2011-2019, 2021-2026, 2029, 2031-2035, 2039, 2041-2044, 2049, 2051-2053, 2059, 2060, 2071- 2074, 2080, 2091-2093, 2099, 2100 2110, 2120, 2131, 2132, 2141-2143, 2149, 2150, 2161, 2162, 2169, 2171- 2174, 2179, 2191-2199.
3.	Manufacture of beverages	: 2200, 2210, 2221-2223, 2230, 2241-2244, 2249.
4.	Manufacture of tobacco and tobacco products	: 2250, 2260, 2271, 2272, 2281-2283 2289, 2290.
5.	Manufacture of cotton textiles	: 2301, 2302, 2311, 2312, 2321, 2322, 2324, 2325, 2330, 2340, 2351, 2352, 2361, 2362, 2390.
6.	Manufacture of woollen textiles	: 2401, 2402, 2410, 2421-2423, 2430, 2442-2444, 2449.
7.	Manufacture of silk textiles	: 2451, 2452, 2461, 2462
8.	Manufacture of synthetic fibre textiles	: 2471, 2472, 2481, 2482
9.	Manufacture of silk and synthetic fibre textiles not elsewhere classified	: 2490
10.	Manufacture of jute, hemp and mesta textiles	: 2500, 2511, 2512, 2520, 2531, 2532, 2590.

CONCEPTS AND DEFINITIONS

Enterprise

An 'enterprise' is an undertaking engaged in production and/or distribution of goods and/or services not for the sole purpose of own consumption.

Agricultural enterprise

An agricultural enterprise for the purpose of Economics Census is defined as one engaged in livestock production, agricultural services, hunting, trapping and game propagation, forestry & logging and fishing (corresponding to the major groups 02, 03, 04, 05 and 06 NIC 1970). Enterprises engaged in activities pertaining to agricultural production and plantations (codes 00 and 01 of NIC 1970) are not considered as agricultural enterprises for the purpose of Economic Census.

Non agricultural enterprise

Enterprises engaged in activities other than agricultural activities (excluding activities pertaining to agricultural production and plantation) are termed as non-agricultural enterprises (corresponding to economic activities covered by Division 1 to 9 and X of NIC 1970). Activities relating to the processing of primary produce of agricultural and allied activities such as milling of paddy into rice, preparation of atta from wheat, preparation of gur/khandsari/sugar from sugarcane, baling and pressing of wood obtained from sheep etc. are not treated as agricultural activities but are treated as non agricultural activities.

Own account enterprise

It is an enterprise owned and operated with the help of household labour only.

Establishment

AS establishment is an enterprise engaged in economic activities with the assistance of at least one hired worker on a fairly regular basis.

Directory establishment

An establishment employing six or more persons daily on a fairly regular basis/called a directory establishment.

/is

Non directory establishment

Non directory establishment is one which employs not more than five persons daily on a fairly regular basis.

Nature of operation (perennial, seasonal)

If the entrepreneurial activity is carried out throughout the year such as in the grocery shop, hotel etc. it is treated as perennial activity. If the activity of the enterprise is performed in particular season(s) only it is called seasonal.

111

112



Type of ownership

The enterprises enumerated are grouped under three broad types of ownership viz. private, co-operative and public. An enterprise is treated as private, if it is managed by a single or a group of private persons with no participation of the government in it both in terms of management and shares. Loans granted by the government to the enterprise do not make the enterprise a government enterprise. Private shops, limited companies, temples, churches, mosques, activities of a private contractor, manufacturer, trader all belong to the private sector. Schools, libraries, etc. which are not set up by government, municipality, panchayat, or local body are private. Enterprises registered under the laws for registration of co-operative societies fall under the category of 'Co-operative'. All other enterprises such as those owned by central or state government, local bodies or by universities, education boards which are autonomous getting grants from the central or state government or local bodies and those belonging to joint sector (enterprises run with shares of both the government and private body) are treated as public enterprises.

Social group of owner

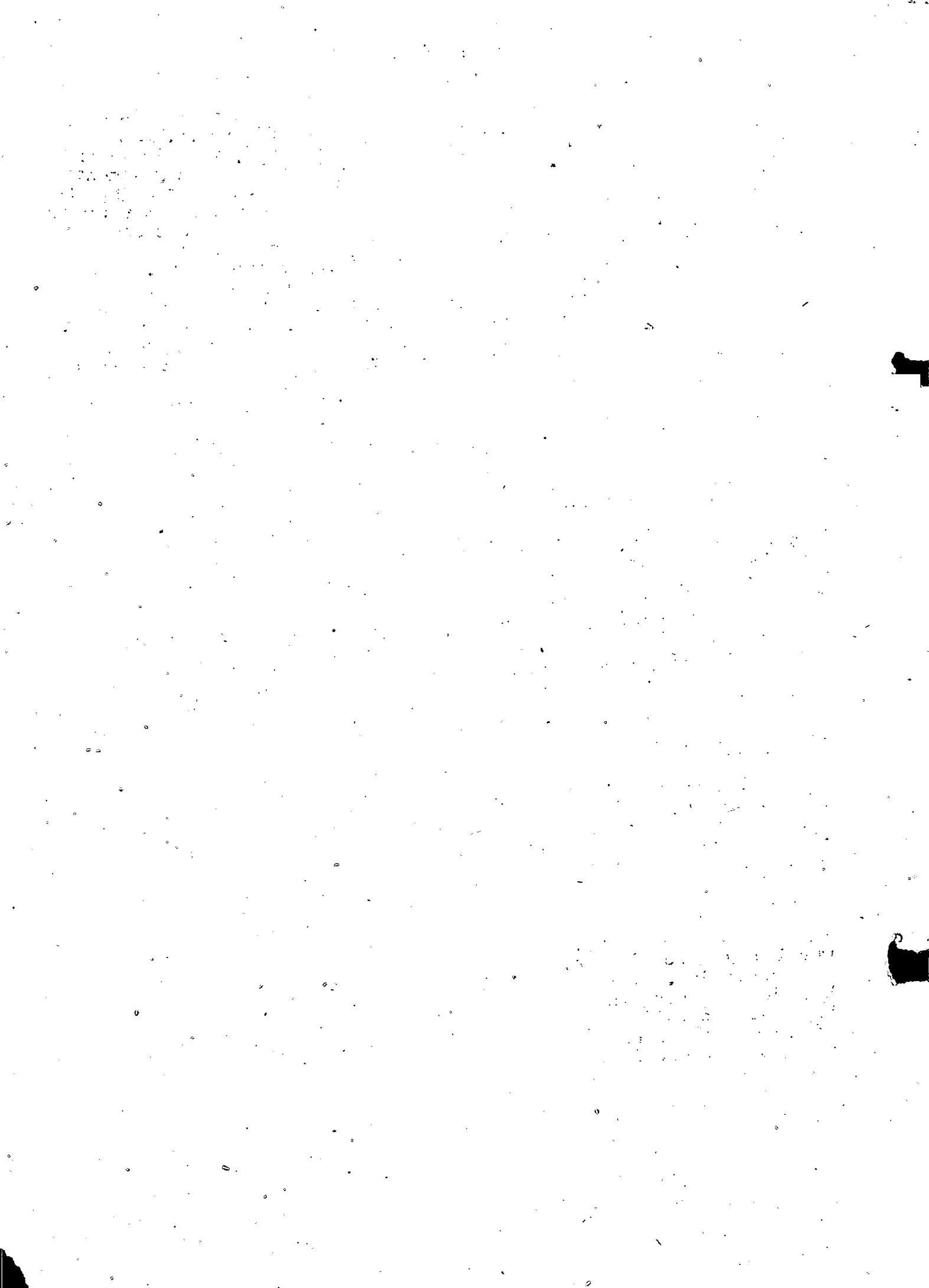
This information is collected in respect of owner/management of the enterprise and is collected in terms of three categories of social groups viz. scheduled tribe, scheduled caste and others. The social group of owner of all enterprises other than private enterprises is taken as 'others'. In the case of private enterprises run by two or more partners if even one of the partners belonged to a scheduled tribe, the owner was taken as scheduled tribe. In case none of the partners belonged to a scheduled tribe and even one partner belonged to a scheduled caste the owner was taken as a scheduled caste. If none of the partners belonged to either a scheduled tribe or a scheduled caste, the social group of owner was considered as 'others'.

Power/fuel used

If any one or more sources of power/fuel are specifically used by an enterprise in carrying out its economic activity it is considered as power/fuel used. The different sources of power/fuel considered are electricity, coal/soft coke/wood, petrol/diesel, gas, animal power and others such as atomic power etc.

Number of persons usually working daily

This represents, on an average, the number of persons usually working on a working day during the last year on the activity of the enterprise. This total includes the number of members of the household working on the activity as well as the number of workers hired from outside for the same purpose of activity. The figures of number of persons relate to the position in the last year for perennial enterprises and the last working season in seasonal



enterprises. The categories of workers include both supervisory and primary workers. A worker need not mean that the same person is continued, but it refers to a position. Apprentices paid or unpaid are treated as hired workers. Part-time employees are also treated as employees so long as they are engaged on a regular basis. Exchange of labour mutually between households is regarded as household labour and not as hired labour.

....

