



GOVERNMENT OF INDIA

***OCCUPATIONAL-EDUCATIONAL
PATTERN OF EMPLOYEES
OCCUPATIONAL-EDUCATIONAL
PATTERN OF EMPLOYEES
IN INDIA***

PUBLIC SECTOR -1996



**DIRECTORATE GENERAL OF EMPLOYMENT & TRAINING
MINISTRY OF LABOUR
SHRAM SHAKTI BHAWAN
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PREFACE

The Employment Market Information Programme of Directorate General of Employment & Training is one of the major sources of the Labour Market Data. As a part of this Programme “Occupational-Educational Profile studies” are conducted in Public and Private Sectors in alternate years. This enquiry covering **Public Sector** is the 24th in this series. This report attempts to present a comprehensive study of data on the occupational pattern of employees. It is hoped that information contained in this report will strengthen the data base for the use of manpower planners and functionaries in the fields of Education, Training, Vocational Guidance, Career Planning, and Occupational Research etc.

2. I am grateful to Directors of Employment & their officials of EMI Units at Employment Exchanges in various States/UTs for their cooperation and active involvement in collecting, coding and processing occupational returns for the study.

3. I would wish to Place on record my appreciation of the work accomplished by Shri Yogesh Raizada & the officers & staff of EMI (OP) Section & Data Processing Unit under the over all supervision and guidance of Shri P.K. Ray, Dy. Director General (Employment) in systematic data collection, compilation, analysis and presenting an analytical report in the publication.

Sd/-

(ASHA MURTY)

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HIGHLIGHTS

This report presents occupational pattern, its analysis and educational profile of employees in the public sector as on 30th September, 1996. It is based on data collected through the occupational and educational pattern enquiry in respect of the public sector establishments coming under the purview of the Employment Market Information (EMI) programme. Of the 1,57,275 public sector establishments borne on the Employers' Register of Employment Exchanges in different states and Union Territories, 1,06,869 i.e. nearly 68 percent had responded to this occupational pattern enquiry. Some salient features of the occupational pattern and structure of educational qualifications of employees as observed from this enquiry are as follows: -

- (i) Clerical and related workers constituted the single largest occupational category accounting for 31.6% of the total employment. Professional, technical and related workers had the second largest share of 28.5% of the employees. Production and related workers and transport equipment operators and labourers followed closely claiming 21.6% of the total employment.
- (ii) Amongst the professional, technical and related workers, a major portion 54.4 percent was teachers. The engineering and medical personnel shared 15.2% and 13.5% respectively in respect of this group.
- (iii) Women employment in public sector has been steadily increasing since 1970 and as on 30th Sept. 1996 women employees constituted about 14.6 percent of the total employment in public sector.
- (iv) Most of the women employees were Professional, technical and related workers and among them 61.4% were teachers particularly in Primary and middle schools. Clerical and related workers constituted the second largest group at 24.7%.
- (v) In the States of Andhra Pradesh, Karnataka, Kerala, Maharashtra, Rajasthan, Tamilnadu & Uttar Pradesh more than 1 lakh women were employed.
- (vi) Among the Engineers, 58.2 percent of the Civil Engineers, 39.1 percent of the Mechanical Engineers, 58.3 percent of the Electrical & Electronics Engineers and 61.9 percent of the Chemical Engineers were degree holders in engineering.
- (vii) About 96 percent of the Allopathic Physicians and Surgeons were possessing a degree in Medicine. Nurses and Mid-wives & Health Visitors mostly had Diploma.
- (viii) Among the production and related workers only 0.1% had degree in Engineering. 79.8 percent of the workers, however, did not have any degree, diploma or Certificates.

- (ix) Industry-wise dispersion of the 99.07 lakh employees revealed that mainly (about 50.7%) the employees were in Community, Social and Personal Services followed by Transport, Storage and Communications (14.2%) and Financing, Insurance, Real Estates & Business Services (8.3%).
- (x) Among the Administrative, Executive and Managerial workers largest number 45.8% were employed in Financing, Insurance, Real Estate and Business Services, followed by 29.6% in Community, Social and Personal services.
- (xi) 90.6% of Physicians and Surgeons and 94.4 percent of nursing and other medical and health technicians were employed in Community, Social and Personal Services.
- (xii) The community, social and personal services had the largest proportions of all clerical workers also, except book keepers and cashiers, who were dominant in the financing, insurance, real-estate and business services. However, clerks, stenographers and typists were represented in all other industry segments, with varying proportion.
- (xiii) Branch-wise classification of employment showed that 15.4% of employees were in Central Government, 40.8% in State Government, 14.1% in Quasi Government (Central), 18.9% in Quasi Government (State) and 10.8% in Local Bodies.

CHAPTER 1

GENERAL INTRODUCTION

Background

1.1 Employment Exchanges under the Employment Market Information (EMI) programme have been collecting in a systematic manner, information on the employment market situation in the country for different industries, occupations, and areas in accordance with ILO convention (No.88) concerning the organisation of employment service. The programme covers the organised sector of economy which includes: -

- (i) All establishments in public sector (except Defence establishments and Armed forces);
- (ii) Non-agricultural establishments in private sector employing 25 or more persons on a compulsory basis and establishments having 10-24 workers on a voluntary basis.

The data on the public sector establishments and those non agricultural establishments in the private sector employing 25 or more workers are collected under the provisions of Employment Exchanges (Compulsory Notification of Vacancies) Act, 1959.

1.2 The occupational information is collected from the establishments in the public and private sectors in alternate years for the purpose of studying the occupational pattern of the employees. With the expansion of education and training in the field of science, engineering, technology and allied disciplines, the need for data on educational pattern of the employees has assumed considerable importance. Keeping this in view, a beginning was made in 1966 to collect educational details as an integral part of occupational pattern study. Thus the scope of the Occupational Employment Market Information was enlarged to cater to the growing needs for more detailed data.

1.3 The Directorate General of Employment & Training (DGET) under the Ministry of Labour has been bringing out, at the National level, reports on occupational & educational pattern of the employees based on the occupational details collected under the EMI Programme. The present report relating to the public sector 1996 is the 24th in the series of occupational pattern enquiries.

1.4 The occupational pattern of the employees in the organised sector is considered useful in various ways for Manpower Planners, Researchers, Educational Authorities, Employment Services, Vocational Guidance Officers, Career Counsellors, Training Institutes, Job-seekers, Trade Unions and employers of various industrial establishments.

1.5 Objective of the study

The occupational pattern study concerns the count of persons employed in different occupations into various economic activities. The focus of this enquiry is on: -

- (a) To study the proportion of employment in each category of occupations
- (b) To identify occupational pattern of individual industry and services
- (c) To study the profile of educational and technical qualifications of employees, in each occupation.

1.6 Plan of Report

In the following paragraphs, the concept of occupation and education, the system of occupational and industrial classification (adopted for identification and distribution of occupational spectrum) and distribution between occupation and education are presented. The procedure for collecting the educational and occupational details, and the response to the study are discussed. Chapter II and III deal with the occupational pattern of employees in general and women in particular in the public sector. Chapter IV examines educational pattern of employees in public sector. Chapter V is devoted to the occupational pattern in different industries. The occupational pattern of employees in different branches of public sector is dealt in Chapter VI.

1.7 Concept of Occupation

An occupation may be defined as combination of duties, tasks and functions performed by an individual regardless of the industrial sector or economic activity in which the individual may be employed. A person performing usual type of work in an economic activity is generally known as white-collar or blue-collar worker. White collar workers include professional, technical, administrative, executive, managerial, clerical and sales workers. Blue-collar workers include craftsmen, production workers, operators and labourers.

1.8 Occupational pattern studies conducted by DGE&T provide data on occupational distribution of white collar and blue collar workers as well as owners, proprietors, working partners or Directors of Firms, who are engaged on full time basis in the establishments. It does not cover self employed, part-time employees, agricultural and allied occupations in the Private Sector, household establishments, establishment employing less than 10 workers in the private sector and Defence forces.

1.9 System of Occupational & Industrial Classification.

The concept of an occupation is related to what an individual is doing, whereas the concept of an industry is concerned with what all the individuals collectively, in one establishment (or an area) are doing. A common device for identification and distribution of occupations performing various functions in one industry or a cluster of different industries is the system of National Classification of Occupations (NCO) where as identification of economic activity into different kinds of industry is known as the system of National Industrial Classification (NIC). These two classifications i.e NCO and NIC are based on international standard nomenclature and techniques, adopted in the country in the light of local requirements. The numerical codes as listed in these occupational and industrial classification systems (NCO 1968 and NIC 1987) have been widely used in the analysis of occupational data presented in this report.

1.10 Distinction between occupation & education

Employment in any occupation in a specific industry depends upon various parameters. An occupation involves certain range of responsibility in its functions which also requires certain education/training/ experience. There is , therefore, a positive co-relation between occupation and education. There are exceptions where we get imbalances between the educational requirement of an occupation and the actual education possessed by the incumbent in that occupation. For example a person may be trained or educated in one area of speciality, but actually working in another field. Similarly, a person may not have any educational qualification but by virtue of experience or expertise may perform duties of an occupation which requires sufficient educational background. The occupational pattern studies give insight regarding the job held and educational and technical qualification possessed by the employees.

1.11 Method of data collection

The field survey was conducted by the State Directorates of Employment through their network of employment exchanges. The data were collected in ER.II forms through mail enquiry method. Each of the establishments appearing in the employers register maintained by the employment exchanges was sent a request together with a blank form for getting it filled and submitting to the employment exchange. The employment exchanges consolidated the data for the establishments located in their respective jurisdiction and sent the area-wise consolidated statements to the DGE&T through Director of Employment of the State for further State-wise and all India consolidation and for carrying out detailed occupational and educational studies.

1.12 Data on Educational Pattern

In pursuance of the recommendations of the Technical Advisory Committee on Statistics on Employment and Unemployment it was decided to collect educational data in respect of all the employees under this study. It was also recommended by the same Committee that the information on educational qualification of all the employees cross-classified by industries, might be collected once in six years. In the present report, educational/technical profile have been collected in respect of all categories of occupations. In recording the professional and technical qualifications of employees the following criteria was adopted: -

- (i) Employees possessing professional or other technical qualifications were codified according to the highest qualifications and their general qualifications were ignored;
- (ii) If an employee possesses two different types of professional/technical qualifications only the relevant qualification pertaining to his occupation was codified;
- (iii) Employees who did not possess professional/technical qualification, but working in Professional/Technical occupations were codified as per their general qualifications.

1.13 Data Processing

The filled in questionnaires were received in the DGE&T through the State Directorates of Employment after these were scrutinized and coded by the concerned Employment Exchanges. In order to maintain consistency and accuracy in the numerical codes and details, scrutiny and checking of codes etc. were also carried out at the State Directorate level before

they were sent to DGE&T. In DGE&T the returns were further scrutinized to make these uniform for all the States and UTs. The returns were processed through Computer Centre of DGE&T and necessary tables generated.

1.14 Response

Despite the statutory provision on the collection of occupational data of all establishments in the public sector, a number of them did not respond. The percentage of non-response was high from the establishments belonging to Central Govt. & Local Bodies. The total number of establishments on the employers' register who were addressed and their response rates are given below in table 1.1

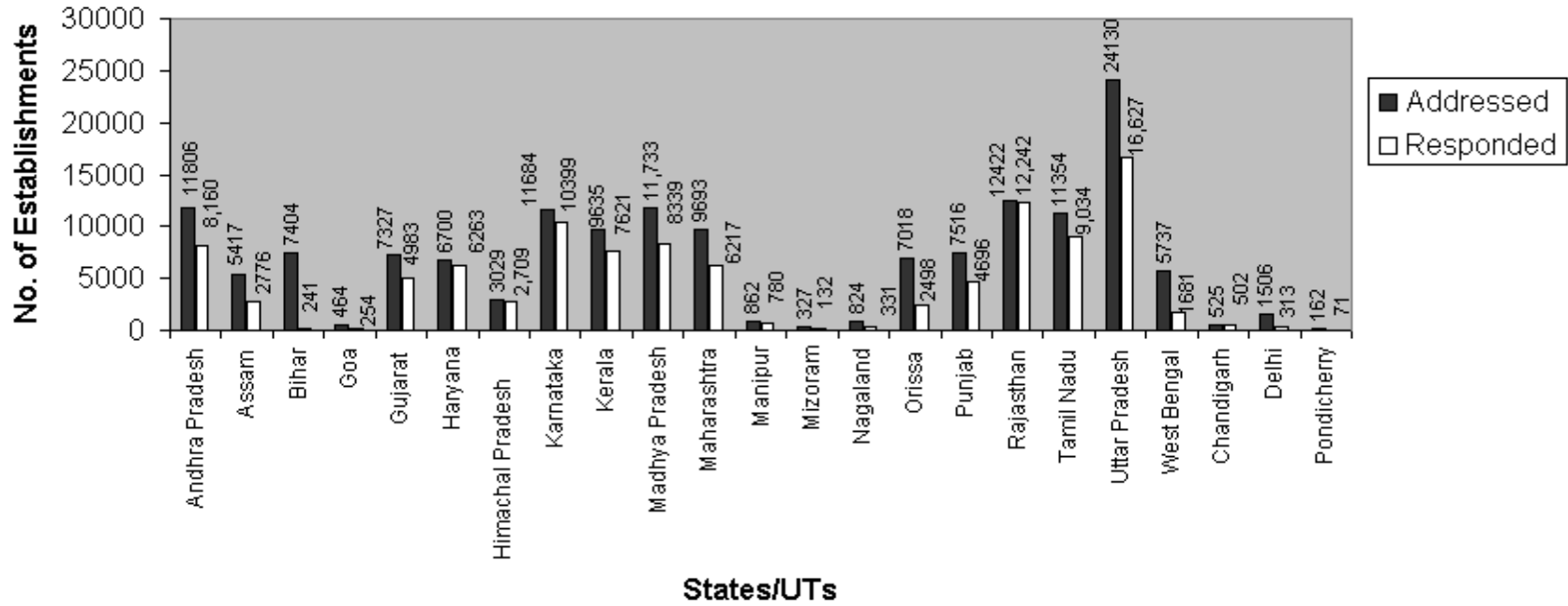
TABLE 1.1
Degree of Response in Public Sector 1996

| Sl. No. | Item | Classification of establishments | | | | | Total |
|---------|--|----------------------------------|-------------|---------------------|-------------------|--------------|----------|
| | | Central Govt. | State Govt. | Central Govt. Quasi | State Govt. Quasi | Local Bodies | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | No. of establishments on Employers' Register (30.09.1996) | 7,850 | 78,030 | 39,619 | 17,863 | 13,913 | 1,57,275 |
| 2 | No. of establishments Responding to the study | 4,521 | 54,563 | 27,822 | 11,356 | 8,607 | 1,06,869 |
| 3 | Percentage of response | 57.6 | 69.9 | 70.2 | 63.6 | 61.9 | 68.0 |
| 4* | Employment in the responding establishments as on 30.09.96 (in lakh) | 15.27 | 40.45 | 14.00 | 18.69 | 10.65 | 99.07 |

* Totals may not necessarily tally due to rounding off.

1.15 It may be seen that the response rate for the present survey ranged between 57% to 70%. The highest response was from Quasi Govt. (Central) and lowest was in Central Govt. The percentage of response varied from State to State, the details of which are given in APPENDIX II. In Haryana, Manipur, Rajasthan and Chandigarh the response was above 90%. The response in Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh and Tamil Nadu was between 70% to 90%. The response from Orissa (35.6%), West Bengal (29.3%), Delhi (20.8%) and Bihar (3.3%) were very poor.

Establishments Addressed & Responded



1.16 Limitation of the data.

The non-response factor discussed above is an important limitation of the data besides other factors like:-

- (a) Frame of establishments (employers' register maintained by the Employment Exchange) being not up-to-date.
- (b) Data furnished by the establishment being not in correct form and in full details.
- (c) Incorrect classification of data by one or more Classificatory characteristics i.e. industry, occupation and education also affected the quality of the data.

The analysis of occupational composition and educational profile of employees presented in the subsequent chapters of this report is based on the available data under the enquiry. No secondary data or information has been used with a view to presenting a comparative occupational structure. Readers may evaluate the results of this enquiry keeping in view the above limitations and that of the coverage of the establishments under the EMI Programme. It may also be kept in view that 68% of the public sector establishments responded to the present enquiry, and the data presented relate only to these responding establishments. No attempt has been made to estimate the characteristics for the non-responding establishments. However, since the non-responding establishments are distributed at random the occupational composition of the non-responding establishments would not be different from that of the responding establishments.

CHAPTER-II

OCCUPATIONAL PATTERN OF EMPLOYEES

2.1 The data emanating from this study reflects the occupational pattern of employees in the Public Sector at the end of September, 1996. These occupational data are available in respect of 99.07 Lakh employees (i.e. in respect of employees in the responded establishments) in the Public Sector. Annexure IV presents a detailed distribution of employees by occupations, classified according to 1,2, & 3-digit code of the National Classification of Occupations. The pattern of public sector employment in 1996 by occupational divisions shows that 28.5 percent were professional, technical and related workers, 31.6% were clerical and related workers, 21.6 percent were classified as production and related workers, 12.1 percent as service workers and the remaining were sales workers, farmers, fishermen, hunters, loggers and related workers. Table 2.1 presents a comparative picture of occupational employment in public sector between 1992 and 1996.

TABLE 2.1

Employment in Public Sector by Broad Occupational Divisions (1992 and 1996)

| Sl. No. | NCO Code | Occupational Division | Employment (in lakhs) As on 30 th September | |
|--------------|----------|---|---|--------------------------------|
| | | | 1992 | 1996 |
| 1 | 2 | 3 | 4 | 5 |
| 1 | 0-1 | Professional, technical and related workers | 26.78 (26.8) | 28.28 (28.5) |
| 2 | 2 | Administrative, executive & managerial workers | 3.30 (3.3) | 3.91 (3.9) |
| 3 | 3 | Clerical & related workers | 30.78 (30.8) | 31.26 (31.6) |
| 4 | 4 | Sales Workers | 0.40 (0.4) | 0.40 (0.4) |
| 5 | 5 | Service Workers | 11.70 (11.7) | 11.94 (12.1) |
| 6 | 6 | Farmers, Fisherman, hunters, Loggers and related workers | 2.50 (2.5) | 1.87 (1.9) |
| 7 | 7,8 & 9 | Production and related workers, transport equipment operators and labourers | 24.44 (24.5) | 21.41 (21.6) |
| TOTAL | | | 99.90 (100.0) | 99.07 (100.0) |

Note: Figures in brackets are percentages to total against all occupations.

2.2 The analysis of the data on the distribution of employees within the occupational divisions, is given separately in the following paragraphs with a view to presenting proportionate composition of individual occupations, occupational groups etc.

2.2.1 Professional, technical and related workers

Table 2.2. presents the distribution of some selected categories of professional, technical and related workers in the public sector as on 30th September 1996.

TABLE 2.2
Distribution of Professional, Technical and related workers by different categories

| Sl. No. | Occupational Category | No. of employees (in thousand) | Percentage to Total |
|--------------|--|-----------------------------------|---------------------|
| 1 | 2 | 3 | 4 |
| 1 | Accountants and Auditors | 131.7 | 4.7 |
| 2 | Engineering personnel | 430.8 | 15.2 |
| 3 | Life scientists and life science technicians | 57.0 | 2.0 |
| 4 | Medical personnel | 382.4 | 13.5 |
| 5 | Physical scientists and physical science technicians | 30.3 | 1.1 |
| 6 | Social scientists and related workers | 166.0 | 5.9 |
| 7 | Teachers | 1538.8 | 54.4 |
| 8 | Others | 90.7 | 3.2 |
| TOTAL | | 2827.7 | 100.0 |

Teachers comprised the largest single group among the professional, technical and related workers followed by Engineering and Medical Personnel. Out of 2827.7 thousand employees under this category, about 54.4 percent were teachers. About 15.2 percent were engineers and about 13.5 percent were medical personnel. About 16.9 percent employees belonged to the other categories like accountants, auditors, life scientists, technicians, physical scientists, physical science technicians, social scientists and related workers and others.

2.2.2 Engineering personnel

Though engineers and engineering technicians are two distinct levels yet they are designated as engineering personnel. The distribution of these personnel by various disciplines is given in Table 2.3

TABLE 2.3
Distribution of Engineering Personnel by disciplines

| Sl. No | Description of engineering discipline | No. of employees (in thousand) | | <u>Percentage to total</u> | |
|--------------|--|-----------------------------------|--------------|----------------------------|--------------|
| | | Engineers | Technicians | Engineers | Technicians |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Chemical | 2.4 | 2.9 | 1.4 | 1.1 |
| 2 | Civil | 64.9 | 57.9 | 37.9 | 22.3 |
| 3 | Electrical & Electronics | 44.5 | 41.6 | 26.0 | 16.0 |
| 4 | Mechanical | 35.9 | 48.0 | 20.9 | 18.6 |
| 5 | Metallurgical | 0.2 | 6.5 | 0.1 | 2.5 |
| 6 | Mining | 1.7 | 6.0 | 1.0 | 2.3 |
| 7 | Others (Architects, Technologists, Surveyors etc.) | 21.7 | 96.5 | 12.7 | 37.2 |
| TOTAL | | 171.3 | 259.4 | 100.0 | 100.0 |

It is observed from the table that highest among the engineers were Civil Engineers followed by Electrical and Electronics Engineers. Architects, Technologists, Surveyors etc. constituted the single largest occupational group amongst the categories of engineering technicians followed by Civil Engineering Technicians.

2.2.3 Medical, Para Medical Personnel & Health Technicians

Table 2.4 presents the distribution of medical, para medical personnel and health technicians in the public sector as revealed by 1996 enquiry. It may be seen from the table that out of 382.4 thousand employees, as many as 142.9 thousand (37.4%) were classified as Dental Surgeons, Dieticians, Physiotherapists, Medical & Health Technicians, Scientific, Medical and Technical persons. Nurses and Midwives & Health Visitors constituted the second and third largest groups having percentage distribution as 17.7 and 12.8 respectively.

TABLE 2.4
Distribution of Medical, Para Medical Personnel and Health Technicians

| Sl. No. | Category of Personnel | No. of employees (in thousand) | Percentage distribution |
|--------------|---|-----------------------------------|-------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Midwives and Health Visitor | 49.0 | 12.8 |
| 2 | Nurses | 67.7 | 17.7 |
| 3 | Pharmacists | 30.2 | 7.9 |
| 4 | Physicians & Surgeons (Allopathic) | 35.3 | 9.2 |
| 5 | Physicians & Surgeons (Ayurvedic) | 9.3 | 2.4 |
| 6 | Vaccinators | 10.4 | 2.7 |
| 7 | Veterinarians | 16.6 | 4.3 |
| 8 | Veterinary Assistants | 17.1 | 4.5 |
| 9 | X-Ray Technicians | 3.9 | 1.1 |
| 10 | Others (Dental Surgeon, Dietician, Physiotherapist, Medical and Health Technicians, Scientific, Medical and Technical persons others) | 142.9 | 37.4 |
| TOTAL | | 382.4 | 100.0 |

2.2.4 Teachers

Table 2.5 presents the distribution of teachers according to level of teaching Institutions. It may be seen that out of 1538.8 thousand employees 66.3 percent were primary and middle school teachers, 24 percent were Higher Secondary and Secondary school teachers and 4.6 percent were University and College teachers. Only 5.1 percent of the employees were pre-primary, craft and other teachers.

TABLE 2.5
Distribution of Teachers According to Levels of Teaching Institutions

| Sl. No. | Level | No. of employees (in thousand) | Percentage to Total |
|--------------|---|-----------------------------------|---------------------|
| 1 | 2 | 3 | 4 |
| 1 | University and College Teachers | 70.8 | 4.6 |
| 2 | Higher Secondary /Secondary School Teachers | 368.8 | 24.0 |
| 3 | Primary and Middle Teachers | 1020.4 | 66.3 |
| 4 | Pre-Primary Teachers | 21.4 | 1.4 |
| 5 | Craft Teachers | 36.7 | 2.4 |
| 6 | Others | 20.7 | 1.3 |
| TOTAL | | 1538.8 | 100.0 |

2.3 Administrative, Executive and Managerial Workers

Table 2.6 gives the distribution of administrative, executive and managerial workers.

TABLE 2.6
Distribution of Administrative, Executive and Managerial Workers

| Sl. No. | Occupation | No. of employees (in thousand) | Percentage to total |
|--------------|--|-----------------------------------|---------------------|
| 1 | 2 | 3 | 4 |
| 1 | Administrative and Executive Officials in Government & Local Bodies | 165.8 | 42.4 |
| | (a) Central Government | 16.8 | 4.3 |
| | (b) State Government | 90.3 | 23.1 |
| | (c) Quasi Government | 47.4 | 12.1 |
| | (d) Local Bodies | 11.3 | 2.9 |
| 2 | Directors and Managers in Financial Institutions | 166.7 | 42.7 |
| 3 | Other Administrative, Executive and Managerial Workers (Mining, Manufacturing, Construction, Trade and Services) | 58.3 | 14.9 |
| TOTAL | | 390.8 | 100.0 |

The data reveal that out of 390.8 thousand employees as many as 165.8 thousand employees were working for the Govt. and Local Bodies and between them about 23.1 percent were employed in the State Govt., 12.1 percent in Quasi Govt., 4.3 percent in Central Government and 2.9 percent in Local Bodies. A micro analysis of occupational composition of this group reveals that 42.4 percent of them were administrative and executive officials in Government & Local Bodies. 42.7 percent were Directors and Managers in the financial institutions and the remaining 14.9 percent were other administrative, executive and managerial workers engaged in mining, manufacturing, construction, trade and services.

2.4 Clerical and related workers

There were approximately 31.26 lakh clerical and related workers in public sector in 1996. Their distribution by broad occupational categories is indicated in table 2.7. The data presented in this table reveals that 27.1 percent employees were in the occupational group of office attendants (Peon, Daftry etc.), 24.1 percent were clerical & related workers (Misc.) and 17.6 percent were clerical supervisors, superintendents, head clerks and office assistants.

TABLE 2.7
Distribution of Clerical and Related Workers

| Sl. No. | Occupation | Number of employees (in thousand) | Percentage to total |
|--------------|--|-----------------------------------|---------------------|
| 1 | 2 | 3 | 4 |
| 1 | Book Keepers, Cashiers and Related Workers | 305.4 | 9.8 |
| 2 | Clerical Supervisors, Superintendents, Head Clerks, Office Assistants | 550.9 | 17.6 |
| 3 | Clerical and related workers (Misc.) | 754.8 | 24.1 |
| 4 | Computing Machine Operators | 12.5 | 0.4 |
| 5 | Mail Distributors and related workers | 173.7 | 5.6 |
| 6 | Office Attendants (Peon, Daftry etc.) | 847.7 | 27.1 |
| 7 | Stenographers, Typists, Card & Tape Punching Machine Operators | 115.1 | 3.7 |
| 8 | Telephone and Telegraph Operators | 37.5 | 1.2 |
| 9 | Transport & Communication Supervisors, Distributors and Village Officials and others | 328.6 | 10.5 |
| TOTAL | | 3126.2 | 100.0 |

2.5 Service Workers

In 1996, the service workers in public sector accounted for 12.1 percent. Their further distribution among different categories is presented in Table 2.8.

TABLE 2.8
Service Workers

| Sl. No. | Occupation | Number of employees (in thousand) | Percentage to total |
|----------------|---|--|----------------------------|
| 1 | Building caretakers, cleaners & sweepers | 334.4 | 28.0 |
| 2 | Cooks, Waiters, Bartenders & related workers | 88.3 | 7.4 |
| 3 | Fire Fighters | 23.0 | 1.9 |
| 4 | Maids and other house keeping service workers | 36.8 | 3.1 |
| 5 | Policemen and Detectives | 437.5 | 36.7 |
| 6 | Watchmen, Chowkidars | 188.8 | 15.8 |
| 7 | Other protective service workers | 54.0 | 4.5 |
| 8 | Other Service workers | 31.0 | 2.6 |
| TOTAL | | 1193.8 | 100.0 |

28 percent of the total service workers were classified as building caretakers, cleaners and sweepers, 36.7 percent were policemen and detectives and 15.8 percent were watchmen and chowkidars. The percentages in respect of the remaining categories of service workers were, however, insignificant.

2.6 Production Workers

According to the enquiry, there were 21.41 lakh employees in this occupational division. The distribution of these employees according to main occupational groups is presented in table 2.9.

TABLE 2.9
Production Workers, Transport Equipment Operators and Labourers

| Sl. No. | Occupation | No. of employees (in thousand) | Percentage to total |
|--------------|--|--------------------------------|---------------------|
| 1 | 2 | 3 | 4 |
| 1 | Blacksmiths, tool makers and Machine operators | 53.4 | 2.5 |
| 2 | Bricklayers and construction workers | 37.8 | 1.8 |
| 3 | Electrical fitters and related Electrical & Electronic workers | 305.1 | 14.2 |
| 4 | Food and beverage processors | 37.1 | 1.7 |
| 5 | Loader and Unloaders | 13.8 | 0.6 |
| 6 | Labourers (other) | 641.9 | 30.0 |
| 7 | Miners, Quarrymen, Well Drillers & Related workers | 97.0 | 4.5 |
| 8 | Metal processors | 40.1 | 1.9 |
| 9 | Machinery fitters, assemblers and Precision instrument makers | 194.1 | 9.1 |
| 10 | Material handling equipment operators | 36.1 | 1.7 |
| 11 | Plumbers, welders, sheet metal workers etc. | 37.9 | 1.8 |
| 12 | Printing and related workers | 28.8 | 1.4 |
| 13 | Spinners & Weavers etc. | 66.4 | 3.1 |
| 14 | Stationary engine operators, oilers, greasers etc. | 97.2 | 4.5 |
| 15 | Transport Equipment operators | 371.2 | 17.3 |
| 16 | Carpenters, Cabinet and related wood workers | 15.5 | 0.7 |
| 17 | Other production workers | 68.0 | 3.2 |
| TOTAL | | 2141.4 | 100.0 |

Among the production workers, contribution of labourers (others) is the maximum (30%). Transport Equipment Operators is the second largest group (17.3%) followed by Electrical Fitters and related Electrical and Electronic Workers (14.2 %).

CHAPTER-III

OCCUPATIONAL PATTERN OF WOMEN EMPLOYEES

3.1 The employment of women respectively in public sector and private sector for the year 1970-1996 and 1969-91 as revealed from the occupational pattern enquiries is given below in Table 3.1

TABLE 3.1
Employment of women in Public Sector and Private Sector (only occupational data)

| Year | Public Sector | | Year | Private Sector | |
|------|-------------------------------------|----------------|------|-------------------------------------|----------------|
| | Employment of women (in lakh) | %age change | | Employment of women (in lakh) | %age change |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1970 | 6.16 | .. | 1969 | 9.01 | .. |
| 1972 | 6.53 | (+6.0 | 1971 | 9.04 | (+0.3 |
| 1974 | 7.92 | (+2.1 | 1973 | 9.07 | (+0.3 |
| 1978 | 9.70 | (+22.5 | 1977 | 9.87 | (+8.8 |
| 1982 | 9.75 | (+0.5 | 1979 | 9.89 | (+0.2 |
| 1984 | 11.12 | (+14.1 | 1983 | 9.22 | (-6.8 |
| 1992 | 11.62 | (+4.5 | 1985 | 8.22 | (-10.9 |
| 1996 | 14.43 | (+24.2 | 1991 | 10.25 | (+24.7 |

It may be observed from the data given in the above table that the employment of women in the public sector has been reflecting an increasing trend but the employment of women in the private sector maintained such rise except for the occupational pattern enquiries in the year 1983 and 1985.

Women's employment by broad occupational division

3.2 Appendix-IV presents details of occupational distribution of all women employees classified as per occupational code classification of NCO at two and three digits. The broad occupational composition of women employees in the **Public Sector** at divisional level is presented in table 3.2.

TABLE 3.2
Occupational Pattern of Women Employees 1996

| NCO Code | Occupational Division | No. of Women Employees (in '000) | %age to all occupations | Total Employment (in'000) | %age of women to total employment |
|------------------------|---|---|--------------------------------|----------------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 0&1 | Professional, Technical & related workers | 743.4 | 51.5 | 2827.7 | 26.3 |
| 2 | Administrative, executive and managerial workers | 20.3 | 1.4 | 390.8 | 5.2 |
| 3 | Clerical and related workers | 356.0 | 24.7 | 3126.2 | 11.4 |
| 4 | Sales workers | 2.2 | 0.2 | 39.9 | 5.5 |
| 5 | Service workers | 212.8 | 14.7 | 1193.8 | 17.8 |
| 6 | Farmers, fishermen, hunters Loggers and related workers | 10.7 | 0.7 | 187.1 | 5.7 |
| 7,8&9 | Production and related workers, Transport Equipment operators and labourers | 98.1 | 6.8 | 2141.3 | 4.6 |
| All Occupations | | 1443.5 | 100.0 | 9906.8 | 14.6 |

It may be seen from the above table that the maximum number of women employees (7.43 lakhs) or 51.5 percent were in occupational division comprising of professional, technical and related workers. 3.56 Lakh women employees were clerical and related workers. Service workers constituted 2.13 lakh. 0.98 lakh were production and related workers, transport equipment operators and labourers. The proportion of women in other categories was however, insignificant. In the occupational division consisting of Professional, Technical and related workers, women accounted for 26.3% of total employment in the same Occupational Division.

3.3 Professional, technical and related workers

The distribution of women employees among professional, technical and related workers is presented in table 3.3.

TABLE 3.3
Women employees in professional and technical occupations

| Sl. No. | Occupational Category | No. of Women employees | Percentage Distribution |
|--------------|--|------------------------|-------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Engineering personnel | 16,957 | 2.3 |
| 2 | Medical personnel | 1,53,400 | 20.6 |
| 3 | Physical scientists and Physical science technicians | 2,603 | 0.4 |
| 4 | Social Scientists and other related workers | 85,922 | 11.6 |
| 5 | Teachers | 4,56,668 | 61.4 |
| 6 | Others | 27,845 | 3.7 |
| TOTAL | | 7,43,395 | 100.0 |

It may be seen from the above table that most of the women were employed as teachers followed by Medical personnel and social scientists and other related workers. The proportion of employees in other categories were quite less as compared to the total workers employed in the above mentioned three categories. The analysis of data on the distribution of women employees by various occupational categories follows: -

Teachers

3.3.1 As a large percentage of women employees was accounted for by teachers, it would be interesting to identify the teaching branches in which women teachers were highly concentrated. Table 3.4 presents the distribution of women teachers according to teaching branches.

TABLE 3.4
Distribution of Women Teachers by Teaching Branches

| Sl. No. | Teaching Branch | No. of Women Teachers | Percentage to total |
|--------------|--|-----------------------|---------------------|
| 1 | 2 | 3 | 4 |
| 1 | Craft teachers | 7,951 | 1.7 |
| 2 | Pre-Primary school teachers | 13,584 | 3.0 |
| 3 | Primary and Middle school teachers | 3,04,925 | 66.8 |
| 4 | Higher Secondary/Secondary school teachers | 1,07,569 | 23.6 |
| 5 | University and College teachers | 16,466 | 3.6 |
| 6 | Others | 6,173 | 1.3 |
| TOTAL | | 4,56,668 | 100.0 |

Data in the above table reveals that 66.8 percent women were engaged in the primary and middle schools. 23.6 percent were Higher Secondary and Secondary School teachers. The women teachers in other branches were only 9.6 percent.

Medical Personnel

3.3.2 Table 3.5 shows the distribution of women employees according to medical and para medical occupations.

TABLE 3.5
Women employees in Medical and Para Medical occupations

| Sl. No. | Occupational Category | No. of Women Employees | Percentage To total |
|----------------|--|-------------------------------|----------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Midwives and Health Visitors | 41,173 | 26.8 |
| 2 | Nurses | 51,283 | 33.4 |
| 3 | Physicians and Surgeons | 8,006 | 5.2 |
| 4 | Others (Dietician, Pharmacist, Physiotherapist, Medical and health technicians, Scientific, Medical & Technical persons others.) | 52,938 | 34.6 |
| TOTAL | | 1,53,400 | 100.0 |

Of the 1,53,400 women employees, 34.6 percent were employed as Dieticians, Pharmacists, Physiotherapists, Medical and health technicians etc. 33.4 percent were employed as Nurses and 26.8 percent as midwives and Health Visitors. The Physicians and Surgeons constituted only 5.2 percent.

Engineering and other professional workers

3.3.3 The distribution of women employees by occupational categories reflects a very small number of women engineers in the public sector as compared with other categories of women workers. Only 16,957 women employees were enumerated as engineers and engineering technicians. Like wise, the number of Physical Scientists and Physical Science Technicians (2,603) was rather a small representation in total employment in such occupational groups.

Administrative, Executive and Managerial Workers

3.4 There were about 20.3 thousand women employees in administrative, executive and managerial occupations in the public sector.

Clerical and related workers

3.5 The clerical and other related jobs held by women workers is another more obvious feature of women employment as reflected by the data given in table 3.6.

TABLE 3.6**Women Clerical Workers**

| Sl. No. | Occupational Category | No. of Women Employees | Percentage Distribution |
|----------------|--|-------------------------------|--------------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Book Keepers, Cashiers and related workers | 49,882 | 14.0 |
| 2 | Clerical Supervisors and Superintendents, Head Clerks, Office Assistants | 69,153 | 19.4 |
| 3 | Clerical and related workers (Misc.) | 92,725 | 26.0 |
| 4 | Office Attendants | 86,060 | 24.2 |
| 5 | Stenographers, Typists, Card and Tape Punching Machine Operators | 34,304 | 9.6 |
| 6 | Telephone and Telegraph Operators | 6,976 | 2.0 |
| 7 | Others | 16,913 | 4.8 |
| TOTAL | | 3,56,013 | 100.0 |

The data presented in the above table show that the clerical and related workers (Misc.) contributed 26 percent of the total number of women employed under clerical category. 24.2 percent were office attendants, 19.4 percent were clerical supervisors, 14 percent were book keepers, cashiers and related workers, and 9.6 percent were engaged as stenographers, typists, card and tape punching machine operators.

Sales Workers

3.6 The occupational division sales workers comprising 2.2 thousand women is very small in relation to the total employment in public sector. The tabulated data reveals that there has not been any rapid growth in employment of women sales workers, over the years.

Service Workers

3.7 Service sector is a traditional source of women employment. As would be seen from table 3.7, of the 2,12,830 women service workers, 45 percent of them were in the building caretakers and related workers category, 24.4 percent were cooks, waiters, bartenders and related workers. 15.2 percent were maids and house keeping service workers, 7.7 percent were protective service workers.

TABLE 3.7**Women Service Workers**

| Sl. No. | Occupational Category | No. of Women employees | Percentage Distribution |
|----------------|--|-------------------------------|--------------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Building caretakers and related workers | 95,729 | 45.0 |
| 2 | Cooks, waiters, bartenders and related workers | 51,929 | 24.4 |
| 3 | Maids and related house keeping service workers (not elsewhere classified) | 32,450 | 15.2 |
| 4 | Protective service workers | 16,400 | 7.7 |
| 5 | Others | 16,322 | 7.7 |
| TOTAL | | 2,12,830 | 100.0 |

Farm and related workers

3.8 The number of farm and related women employees in public sector was negligible. Of the 10.7 thousand women employees, 4,223 were classified as plantation labourers and related workers and 2,796 other farm workers. This indicated that there was not much employment potential for women to work as farmers, fishermen, hunters, loggers and related workers.

Production and related workers

3.9 In all 98.1 thousand women were classified as production and related workers in public sector as on 30th September, 1996. Distribution of these workers according to occupational categories is presented in table 3.8

TABLE 3. 8
Distribution of women production and related workers

| Sl. No. | Occupational Category | No. of Women employees | Percentage Distribution |
|--------------|---|------------------------|-------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Blacksmiths, toolmakers and machine tool workers | 2,047 | 2.1 |
| 2 | Bricklayers and other construction workers | 1,504 | 1.5 |
| 3 | Chemical processors and related workers | 338 | 0.3 |
| 4 | Electrical fitters and related electrical and electronic workers | 4,773 | 4.9 |
| 5 | Food and beverage processor | 13,965 | 14.3 |
| 6 | Machinery fitters, machine assemblers and precision instrument makers | 1,997 | 2.0 |
| 7 | Material handling related equipment operators, loaders and unloaders | 1,083 | 1.1 |
| 8 | Miners, quarrymen, well drillers and related workers | 2,683 | 2.7 |
| 9 | Printing and related workers | 2,506 | 2.6 |
| 10 | Spinners, weavers, knitters, dyers and related workers | 4,041 | 4.1 |
| 11 | Tailors, dress makers, sewers, upholsters and related workers | 1,392 | 1.4 |
| 12 | Labourers | 56,955 | 58.1 |
| 13 | Others | 4,794 | 4.9 |
| TOTAL | | 98,078 | 100.0 |

It has been observed that 58.1 percent of women employees were labourers. 14.3 percent were working as food and beverage processors. 4.9 percent were Electrical Fitters & related Electrical and electronic workers.

3.10 Major occupations in which women were found to have been engaged in large number (5000 or more) are listed in table 3.9 showing against each their total employment and indicating against each proportion of women in total number of employees in the specified occupations.

TABLE 3.9
Share of women in selected occupations

| Sl. No. | Occupational Category | No. of Women employees | Percentage Distribution |
|---------|--|------------------------|-------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Physicians and surgeons allopathic | 6.8 | 19.2 |
| 2 | Nurses | 51.3 | 75.7 |
| 3 | Midwives and health visitors | 41.2 | 84.0 |
| 4 | Nursing, Sanitary and other medical health Technicians | 44.0 | 35.3 |
| 5 | Accountants and auditors | 12.8 | 9.8 |
| 6 | Labour, social welfare and political workers | 81.7 | 56.8 |
| 7 | Teachers, University and college | 16.5 | 23.2 |
| 8 | Teachers, higher secondary and secondary Schools | 107.6 | 29.2 |
| 9 | Teachers, Middle schools | 108.9 | 33.0 |
| 10 | Teachers, Primary | 196.1 | 28.4 |
| 11 | Teachers, Pre-Primary | 13.6 | 63.5 |
| 12 | Teachers Craft | 8.0 | 21.7 |
| 13 | Directors & Managers bank | 7.1 | 4.8 |
| 14 | Clerical supervisors, office superintendents, head clerks, senior clerks | 15.1 | 11.4 |
| 15 | Ministerial and office assistants | 48.7 | 15.1 |
| 16 | Stenographer and steno-typists | 14.0 | 25.7 |
| 17 | Typists | 19.7 | 34.6 |
| 18 | Book keepers and accounts clerk | 43.4 | 17.6 |
| 19 | Clerks General | 89.0 | 13.4 |
| 20 | Office attendants (peon, daftry etc.) | 86.1 | 10.2 |
| 21 | Cooks & cook bearers | 51.0 | 63.4 |
| 22 | Ayahs, Nurse, Maids | 31.3 | 90.6 |
| 23 | Sweepers, cleaners and related workers | 93.1 | 29.5 |
| 24 | Policemen and detectives | 6.8 | 1.6 |
| 25 | Food preservers and canners | 13.1 | 73.3 |
| 26 | Labourers | 57.0 | 8.9 |

3.11 Appendix – VI presents the State /UT-wise occupational distribution (one digit) of 14.43 lakh women employees in public sector establishments. The States where more than One Lakh women were employed are Andhra Pradesh (1.01 lakh), Karnataka (1.61 Lakh), Kerala (1.43 Lakh), Maharashtra (1.32 lakh), Rajasthan (1.23 lakh), Tamil Nadu (2.73 Lakh), and Uttar Pradesh (1.30 Lakh). The data reveals that of the 14.43 lakh women employees, 51.5 percent were holding professional, technical and related jobs.

CHAPTER –IV

EDUCATIONAL PATTERN OF EMPLOYEES

4.1 Collection of information on the educational/training levels actually possessed by various employees in organised sector has been an integral part of the occupational pattern study under the EMI Programme. Information on educational, professional and technical qualification of employees in varied nature of fields and in different organisations is considered very useful in developing future plans of education, training and employment for manpower planning. A brief analysis is presented in this chapter to show the structure of education of employees.

4.2 The educational data were processed through a system of alphabetic codes. The code structure of educational qualifications may be seen at Appendix-VII. Some important features revealed by the data are described in the following paragraphs.

Professional, Technical and related workers

4.3 Engineers

The educational/training levels attained by employees in the four principal branches of engineering are shown in Table 4.1.

TABLE 4.1
Educational Pattern of Engineering Personnel (in percentages)

| Sl. No. | Educational Level | Civil | Mechanical | Electrical & Electronics | Chemical |
|--------------|---------------------------------------|--------------|--------------|--------------------------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Degree in Engineering | 58.2 | 39.1 | 58.3 | 61.9 |
| 2 | Diploma in Engineering | 32.6 | 43.7 | 25.9 | 20.1 |
| 3 | Graduate and Post graduate in Science | 1.9 | 5.3 | 2.8 | 3.6 |
| 4 | Graduate and Post graduate (others) | 1.9 | 3.3 | 5.3 | 9.7 |
| 5 | Certificate in Engineering trade | 2.0 | 4.2 | 0.1 | 2.8 |
| 6 | Others | 3.4 | 4.4 | 7.6 | 1.9 |
| TOTAL | | 100.0 | 100.0 | 100.0 | 100.0 |

The data indicated in the above table reveal that 58.2 percent Civil Engineers, 58.3 percent Electrical and Electronics Engineers and 61.9 percent Chemical Engineers were Degree holders. Among the Mechanical Engineers 43.7 percent were Diploma holders and 39.1 percent were Degree holders which is in contrast to the proportions observed in other branches.

4.4 Scientific Personnel

38.8 percent of the Chemists had general qualification in Science i.e. Graduate or Post Graduate whereas Agronomists and Agricultural scientists in 65.1 percent cases had Graduate or

Post-Graduate qualification in Technical or Professional Subjects. The details are given in the following table: -

TABLE 4.2
Percentage distribution of Chemists and Agronomists by educational level

| Sl. No. | Educational Level | Chemists (excluding Pharmaceutical Chemists) | Agronomists & Agricultural Scientists |
|-------------------------|---|---|---|
| 1 | 2 | 3 | 4 |
| 1 | Graduates & Post graduates in technical/ professional subjects | 33.7 | 65.1 |
| 2 | Diploma holders in technical/ professional subjects | 4.0 | 1.8 |
| 3 | Graduates & post graduates in science | 38.8 | 15.2 |
| 4 | Graduates & post graduates, others (including law & commerce) | 11.2 | 13.7 |
| 5 | Certificate holders | 0.7 | 0.2 |
| 6 | Others | 11.6 | 4.0 |
| TOTAL | | 100.0 | 100.0 |
| No. of employees | | 7,333 | 32,340 |

4.5 Medical Personnel

About 96 percent of the Allopathic physicians and surgeons employed in Public sector were possessing graduate or post-graduate degrees in technical/professional subjects and 4 percent had diploma. Among the Veterinarians as many as 57.3 percent were graduate or post-graduate degree holders in technical/professional subjects whereas 18 percent were diploma holders. Most of the nurses, mid-wives and health visitors had diploma in the subjects. The percentage distribution of these personnel is shown in table 4.3.

TABLE 4.3

Percentage distribution of Doctors, Veterinarians, Nurses and Midwives by educational level

| Sl. No. | Educational Level | Physicians & Surgeons Allopathic | Veterinarians | Nurses | Midwives & Health Visitors |
|-------------------------|---|---|----------------------|---------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Graduates & post graduates in Technical/professional subjects | 96.0 | 57.3 | - | - |
| 2 | Diploma holders in technical/ Professional subjects | 4.0 | 18.0 | 79.6 | 50.4 |
| 3 | Certificate holders | - | 0.9 | 1.9 | 10.2 |
| 4 | Graduates & post graduates in science | - | 14.6 | 14.9 | - |
| 5 | Graduates & post graduates, Others (including law & commerce) | - | 7.2 | - | - |
| 6 | Others | - | 2.0 | 3.6 | 39.4 |
| TOTAL | | 100.0 | 100.0 | 100.0 | 100.0 |
| No. of employees | | 35,340 | 16,566 | 67,704 | 48,995 |

4.6 Administrative, Executive and Managerial workers

The percentage distribution of administrative, executive and managerial workers by educational qualifications is given in Table 4.4. It may be seen from the table that among the working proprietors, Directors and Managers, mining, construction, manufacturing and related concerns working in Government and other local bodies, 57.3% were possessing degree in technical or professional subjects. Administrative and executive officials, working proprietors, Directors and Managers in wholesale and retail trade had mostly degree in other subjects and Science. Similar is the case for the Directors and Managers of financial Institutions.

TABLE 4.4**Percentage distribution of Administrative, Executive and Managerial workers by educational level**

| Sl. No | Educational level | Administrative & Executive Officials | Working Proprietors & Directors & Managers, In wholesale & retail trade | Directors and Managers in financial institutions | Working Proprietors, Directors & Managers & related executive in transport, storage & communication | Working Proprietors, Directors & Managers & related executive in transport, storage & communication | Working Proprietors, Directors & Managers in other services |
|-------------------------|---|--------------------------------------|---|--|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Graduates & Post graduates in technical/professional subjects | 19.8 | 17.8 | 9.2 | 57.3 | 11.3 | 23.5 |
| 2 | Diploma holders in technical/professional subjects | 4.1 | 4.6 | 3.4 | 14.3 | 3.6 | 6.9 |
| 3 | Certificate holders | 2.4 | 1.9 | 0.1 | 3.5 | 0.8 | 1.6 |
| 4 | Graduates & post graduates in science | 29.5 | 28.6 | 28.9 | 8.7 | 37.4 | 25.0 |
| 5 | Graduates & post graduates others (including law & commerce) | 38.5 | 39.4 | 56.9 | 14.3 | 40.0 | 30.0 |
| 6 | Others | 5.7 | 7.7 | 1.5 | 1.9 | 6.9 | 13.0 |
| TOTAL | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| No. of employees | | 1,65,804 | 3,698 | 1, 66,675 | 26,289 | 18,498 | 9,793 |

4.7 Clerical and related workers

The percentage distribution of clerical and related workers as per their qualifications is in table 4.5. It is observed that most of the clerical and related workers had only general qualification.

TABLE 4.5

Educational pattern of clerical and related workers (in percentage)

| Sl. No. | Description of occupation | Graduates, Post Graduates in technical/professional subjects | Diploma holders in technical/professional subjects | Certificate holders | Graduates/ Post Graduates in science | Graduates/ Post Graduates, other (including law & commerce) | Others | Total |
|---------|---|--|--|---------------------|--------------------------------------|---|--------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | Clerical & other supervisors | 2.5 | 2.3 | 0.6 | 49.6 | 40.4 | 4.6 | 100.0 |
| 2 | Stenographers, typists & Card & tape punching operators | 0.8 | 3.0 | 5.8 | 54.7 | 31.7 | 4.0 | 100.0 |
| 3 | Book keepers, cashiers and related workers | 1.9 | 1.2 | 0.1 | 30.3 | 64.2 | 2.3 | 100.0 |
| 4 | Clerical and related workers n.e.c. (excluding office attendants) | 1.7 | 1.8 | 0.1 | 67.9 | 20.0 | 8.5 | 100.0 |
| 5 | Office attendants (peon, daftries etc.) | - | - | 0.1 | - | 1.0 | 98.9 | 100.0 |
| 6 | Transport and communication Supervisors | 2.3 | 0.5 | 4.9 | 51.7 | 15.2 | 25.4 | 100.0 |
| 7 | Mail distributors and related workers | - | - | - | - | 4.9 | 95.1 | 100.0 |
| 8 | Telephone and telegraph operators | 1.9 | 2.3 | 5.0 | 59.0 | 13.5 | 18.3 | 100.0 |

4.8 Service workers

Table 4.6 gives the percentage distribution of service workers as per their qualifications. It may be seen that 64.8% of the Policemen and Detectives were Graduates and Post Graduates. The workers in other categories were mostly matric and above but below graduates.

TABLE 4.6**Educational pattern of Service Workers (in percentage)**

| Sl. No. | Description of Occupation | Diploma/Certificate Holders | Graduates/Post Graduates, Science | Other Graduates/Post Graduates (including law & commerce) | Matric & above but below Graduates | Below Matric including illiterates | Total |
|---------|---|-----------------------------|-----------------------------------|---|------------------------------------|------------------------------------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Cooks, Waiters, Bartenders & related workers | 0.4 | 6.2 | 1.8 | 89.6 | 2.0 | 100.0 |
| 2 | Building caretakers, sweepers, Cleaners and related workers | 0.3 | 0.2 | 3.5 | 94.6 | 1.4 | 100.0 |
| 3 | Policemen and detectives | 2.7 | 12.6 | 64.8 | 19.9 | - | 100.0 |
| 4 | Watchmen, chowkidars and Gate-keepers | - | - | 12.1 | 86.8 | 1.1 | 100.0 |

4.9 Farm and Forestry Workers

The percentage distribution of Farm and Forestry workers is given below in Table 4.7.

TABLE 4.7
Educational pattern of Farm and Forestry workers (in percentage)

| Sl. No. | Description of occupation | Degree holders in agriculture | Diploma holders in agriculture | Certificate holders | Graduates/Post Graduates in science | Graduates/Post Graduates, others (including law & commerce) | Others | Total |
|---------|---|-------------------------------|--------------------------------|---------------------|-------------------------------------|---|--------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | Farm, Plantation Dairy & other Managers and Supervisors | 0.9 | 2.8 | 2.5 | 42.9 | 13.1 | 37.8 | 100.0 |
| 2 | Forestry Workers | - | - | 0.4 | 55.3 | 7.6 | 36.7 | 100.0 |
| 3 | Other Farm Workers | - | 0.5 | 1.3 | 13.0 | 2.6 | 82.6 | 100.0 |

4.10 Production and related workers

A summary of the distribution of production and related workers according to their educational and technical qualifications is given in Table 4.8. It would be seen from the table that 79.8% of the workers did not have recognised training or qualifications in the trade.

TABLE 4.8
Educational pattern of production and related workers (excluding labourers)

| Sl. No. | Educational level | Number of workers (in lakh) | Percentage to the total |
|--------------|-------------------------------|--------------------------------|----------------------------|
| 1 | 2 | 3 | 4 |
| 1 | Degree in Engineering | 0.01 | 0.1 |
| 2 | Diploma in Engineering | 0.14 | 0.9 |
| 3 | ITI certificates/ apprentices | 0.19 | 1.2 |
| 4 | Other certificates/diplomas | 2.69 | 18.0 |
| 5 | Others | 11.96 | 79.8 |
| TOTAL | | 14.99 | 100.0 |

CHAPTER V

INDUSTRY-WISE OCCUPATIONAL PATTERN IN PUBLIC SECTOR

5.1 One of the significant features of the system of data collection under the Employment Market Information (EMI) Programme is that occupational composition of employees in various industries/services can be studied. The advantages of this kind of study are:

- (i) The educational and vocational training schemes can be tailored to meet the manpower requirements of various industries, employing a spectrum of skills.
- (ii) The educated youth can be guided to production oriented employment and self employment.
- (iii) Appropriate measures can be taken to introduce programmes for job-training in order to develop the requisite skills and experience in demand in the labour market.
- (iv) The vocational guidance officers and career counsellors can motivate the job seekers to select those growing occupations in which there is manpower shortage and to dissuade them from selecting old-fashioned and decaying occupations.
- (v) The prospective entrepreneurs can formulate manpower schemes for establishing new enterprises, on the basis of occupational composition (staffing structure) of similar types of industrial units already in operation.
- (vi) Technological innovations in specific industrial fields can be brought about, in view of the availability of employed manpower.

5.2 In this Chapter, an attempt has been made to study the distribution of employees classified according to various industries. The proportions illustrated in different Tables in this Chapter indicate a distinct pattern of occupations prevailing in each industry.

5.3 Industry-Occupational Employment

According to this Occupational Pattern Study, employment in the Public Sector establishments who responded, was of the order of 99.07 lakhs. The analysis of occupational pattern made in this Chapter, accordingly related to the 99.07 lakh employees. Table 5.1 gives the distribution of occupational employment in major industries.

TABLE 5.1**Industry-wise Employment in Public Sector (as on 30-09-1996)**

| Industry Division Code | Description of Industry Division | Employment (in lakhs) | Percentage To total |
|-------------------------------|---|------------------------------|----------------------------|
| 1 | 2 | 3 | 4 |
| 0 | Agriculture, Hunting, Forestry & Fishing | 3.69 | 3.7 |
| 1 | Mining and Quarrying | 2.80 | 2.8 |
| 2&3 | Manufacturing | 7.96 | 8.0 |
| 4 | Electricity, Gas and Water | 5.45 | 5.5 |
| 5 | Construction | 5.87 | 5.9 |
| 6 | Wholesale and Retail Trade and Restaurants & Hotels | 0.90 | 0.9 |
| 7 | Transport ,Storage and Communications | 14.05 | 14.2 |
| 8 | Financing, Insurance, Real Estate and Business Services | 8.17 | 8.3 |
| 9 | Community, Social and Personal Services | 50.18 | 50.7 |
| TOTAL | | 99.07 | 100.0 |

5.4 The data in the above table reveal that 50.7 percent employees were in Industry Division-Community, Social and Personal Services, 14.2 percent in Transport, Storage and Communications and 8.3 percent were in Financing, Insurance, Real Estate and Business Services.

5.5 Industry Occupational Matrix

Appendix VIII gives the occupational distribution of employees in major industries in the Public Sector. The broad occupational pattern of employees in different industry divisions based on the occupational details in respect of 99.07 lakh employees in the Public Sector is presented in Table 5.2.

TABLE 5.2
Percentage Distribution of Occupational Pattern in different Industries

| Sl. No. | Industry Div. | Description of Industry Division | Occupational Division | | | | | | | Total |
|-----------------------------------|---------------|---|--------------------------------|--|-------------------------------|------------------------------|-------------------------------|---|---|--------------------------------|
| | | | Professional & related workers | Administrative, Executive & Managerial workers | Clerical & related workers | Sales workers | Service workers | Farmers, Fishermen, Hunters & related workers | Production workers, Trpt. Equipment Operators & Labourers | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 | 0 | Agriculture, Hunting, Forestry & Fishing | 2.2 (16.7) | 3.0 (3.2) | 2.6 (22.2) | 1.6 (0.2) | 1.1 (3.6) | 68.5 (34.7) | 3.3 (19.4) | 3.7 (100.0) |
| 2 | 1 | Mining & Quarrying | 0.9 (9.0) | 1.5 (2.1) | 0.9 (9.7) | 0.3 (-) | 0.6 (2.6) | 0.2 (0.1) | 10.0 (76.5) | 2.8 (100.0) |
| 3 | 2&3 | Manufacturing | 3.2 (11.4) | 9.4 (4.6) | 4.1 (16.1) | 14.3 (0.7) | 3.0 (4.5) | 4.1 (1.0) | 22.9 (61.7) | 8.0 (100.0) |
| 4 | 4 | Electricity Gas & Water | 2.8 (14.6) | 1.2 (0.9) | 4.6 (26.1) | 0.7 (-) | 1.6 (3.5) | 1.7 (0.6) | 13.8 (54.3) | 5.5 (100.0) |
| 5 | 5 | Construction | 4.3 (20.8) | 1.3 (0.8) | 6.1 (32.6) | 0.6 (-) | 2.9 (5.9) | 3.3 (1.1) | 10.7 (38.8) | 5.9 (100.0) |
| 6 | 6 | Wholesale & Retail Trade & Restaurants & Hotels | 0.2 (5.6) | 2.2 (9.8) | 1.1 (37.8) | 32.5 (14.5) | 0.8 (10.6) | 0.7 (1.5) | 0.9 (20.2) | 0.9 (100.0) |
| 7 | 7 | Transport, Storage and Communications | 3.2 (6.5) | 6.0 (1.7) | 23.1 (51.5) | 2.3 (0.1) | 6.5 (5.4) | 1.0 (0.1) | 22.8 (34.7) | 14.2 (100.0) |
| 8 | 8 | Financing, Insurance, Real Estate & Business Services | 1.3 (4.4) | 45.8 (21.9) | 17.3 (66.3) | 31.6 (1.5) | 3.0 (4.5) | 0.2 (-) | 0.5 (1.4) | 8.3 (100.0) |
| 9 | 9 | Community Social and Personal Services | 81.9 (46.2) | 29.6 (2.3) | 40.2 (25.1) | 16.1 (0.1) | 80.5 (19.1) | 20.3 (0.8) | 15.1 (6.4) | 50.7 (100.0) |
| TOTAL | | | 100.0 (28.5) | 100.0 (3.9) | 100.0 (31.6) | 100.0 (0.4) | 100.0 (12.1) | 100.0 (1.9) | 100.0 (21.6) | 100.0 (100.0) |
| No. of employees (in lakh) | | | 28.28 | 3.91 | 31.26 | 0.40 | 11.94 | 1.87 | 21.41 | 99.07 |

Proportions in the table 5.2 reveal that each industry division had promoted a different occupational pattern, depending upon the nature of activity of industrial establishment. The

percentages (horizontally-proportionate distribution of broad occupation in a single industry division, and vertically-proportionate distribution of one occupational division in different industry divisions) have been derived with a view to identifying concentration of occupational categories in industry segments. Industry-wise dispersion of the 99.07 lakh employees revealed that 50.7 percent were in community, social and personal services, 14.2 percent in transport, storage and communications, 8 percent in manufacturing, 5.9 percent in construction, 8.3 percent in financing, insurance, real estate and business services, and 5.5 percent in electricity gas and water. The percentages in respect of other industries were less than five.

5.6 Employment of Important Occupations in Industries

Industry-occupation matrix exhibit a distinct occupational pattern of employees in different industries. It is found that there is high concentration of employees in certain occupational groups in specific industries. In an industry that is characterized by multiplicity of production and service activities, employment of different occupations is dependent on a set of factors of influences. An attempt has been made in the following paragraphs to analyse the proportionate distribution of workers belonging to selected occupational categories (Occupational groups).

TABLE 5.3
Industry Division-wise Distribution of Administrative Executive and Managerial Workers

| NIC Code | Description of Industry Division | No. of Employees | Percentage to Total |
|--------------|---|------------------|---------------------|
| 1 | 2 | 3 | 4 |
| 0 | Agriculture, Hunting, Forestry and Fishing | 11,650 | 3.0 |
| 1 | Mining and Quarrying | 5,977 | 1.5 |
| 2&3 | Manufacturing | 36,724 | 9.4 |
| 4 | Electricity, Gas & Water | 4,676 | 1.2 |
| 5 | Construction | 4,970 | 1.3 |
| 6 | Wholesale and Retail Trade & Restaurants & Hotels | 8,812 | 2.2 |
| 7 | Transport, Storage & Communications | 23,441 | 6.0 |
| 8 | Financing, Insurance, Real Estate and Business Services | 1,78,919 | 45.8 |
| 9 | Community, Social & Personal Services | 1,15,588 | 29.6 |
| TOTAL | | 3,90,757 | 100.0 |

5.7 Administrative, Executive and Managerial workers are distinctly categorized as prestigious occupations and their employment is represented in all industry divisions. It is seen from the table 5.3 that 29.6 percent of Administrative, Executive and Managerial workers were employed in Community, Social and Personal Services, and 45.8 percent in Financing, Insurance, Real Estate and Business Services. The Proportions of employment of these personnel in other Industry divisions were nominal.

5.8 Engineers, technologists, surveyors etc. are trained professionals who ensure proper accomplishment of technical tasks including finding solutions to technical problems whereas technicians are trained sub-professionals who carry out technical tasks under the direction and

supervision of professionals. They play a very vital role as they are employed to design & execute not only infrastructure plans but also to make constant effort to optimise production of goods/services. Table 5.4 shows the proportionate distribution of employment of this important technical occupational group in various industry divisions.

TABLE 5.4
Proportionate Distribution of Architects, Engineers, Technologists, Surveyors and Engineering Technicians according to Industry Division

| NIC Code | Description of Industry Division | Percentage of employment of | |
|----------------------------------|---|------------------------------------|-------------------------|
| | | Engineers, Technologists Surveyors | Engineering technicians |
| 1 | 2 | 3 | 4 |
| 0 | Agriculture, Hunting, Forestry and Fishing | 2.7 | 3.3 |
| 1 | Mining and Quarrying | 4.5 | 3.6 |
| 2&3 | Manufacturing | 12.9 | 14.5 |
| 4 | Electricity, Gas & Water | 18.1 | 12.2 |
| 5 | Construction | 27.7 | 25.3 |
| 6 | Wholesale and Retail Trade & Restaurants & Hotels | 0.3 | 0.3 |
| 7 | Transport, Storage & Communications | 14.8 | 17.3 |
| 8 | Financing, Insurance, Real Estate and Business Services | 1.6 | 2.7 |
| 9 | Community, Social & Personal Services | 17.4 | 20.8 |
| TOTAL | | 100.0 | 100.0 |
| No. of employees (in 000) | | 171.3 | 259.5 |

5.9 It is observed from the above analysis that the proportions of employment differed from industry to industry, mainly because of the different nature of activities undertaken by the public sector establishments. However, the main areas of concentration are construction, community, social and personal services, Electricity, Gas & Water and Manufacturing Industries.

5.10 Of the 99.07 lakh employees, 99 thousand were physicians and surgeons and 276.4 thousand were nursing and other medical technicians. The break up of these groups of employees in different industries is shown in Table 5.5.

TABLE 5.5**Proportionate Distribution of Medical and Health workers in different Industries
(in percentages)**

| NIC Code | Description of Industry Division | Physicians & Surgeons Including Veterinary Surgeons | Nursing, other medical & health technicians |
|----------------------------------|---|--|--|
| 1 | 2 | 3 | 4 |
| 0 | Agriculture, Hunting, Forestry and Fishing | 3.4 | 1.0 |
| 1 | Mining and Quarrying | 0.9 | 1.1 |
| 2&3 | Manufacturing | 2.3 | 1.5 |
| 4 | Electricity, Gas & Water | 0.7 | 0.6 |
| 5 | Construction | 0.2 | 0.2 |
| 6 | Wholesale and Retail Trade & Restaurants & Hotels | 0.2 | - |
| 7 | Transport, Storage & Communications | 1.6 | 1.2 |
| 8 | Financing, Insurance, Real Estate and Business Services | 0.1 | - |
| 9 | Community, Social & Personal Services | 90.6 | 94.4 |
| TOTAL | | 100.0 | 100.0 |
| No. of employees (in 000) | | 99.0 | 276.4 |

5.11 As may be seen from the above table, 90.6 percent of physicians & surgeons and 94.4 percent of nursing, other medical and health technicians were employed in community, social and personal services comprising such establishments as hospitals, dispensaries, maternity centers, health clinics and veterinary service centers.

TABLE 5.6
Distribution of Accountants and Auditors according to Industry Division.

| NIC Code | Description of Industry Division | No. of Accountants, Auditors & related workers | Percentage |
|--------------|---|--|--------------|
| 1 | 2 | 3 | 4 |
| 0 | Agriculture, Hunting, Forestry and Fishing | 3,786 | 2.9 |
| 1 | Mining and Quarrying | 861 | 0.6 |
| 2&3 | Manufacturing | 9,190 | 7.0 |
| 4 | Electricity, Gas & Water | 8,917 | 6.7 |
| 5 | Construction | 5,243 | 4.0 |
| 6 | Wholesale and Retail Trade & Restaurants & Hotels | 2,587 | 2.0 |
| 7 | Transport, Storage & Communications | 8,632 | 6.6 |
| 8 | Financing, Insurance, Real Estate and Business Services | 20,650 | 15.7 |
| 9 | Community, Social & Personal Services | 71,839 | 54.5 |
| TOTAL | | 1,31,705 | 100.0 |

5.12 Community, Social and Personal Services made up more than half of the total employment of accountants, auditors and related workers, followed by 15.7 percent in the Financing, Insurance, Real Estates and Business Services.

TABLE 5.7
Distribution of Clerks, Stenographers, Assistants according to Industry Division.

| NIC Code | Description of Industry Division | Percentage of workers classified as | | | | |
|------------------------------|---|-------------------------------------|-------------------------|-------------------------|-----------------------------|----------------------------|
| | | Clerical & other Supervisors | Stenographers & Typists | Book Keepers & Cashiers | Computing Machine Operators | Clerical & related workers |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 0 | Agriculture, Hunting Forestry and Fishing | 3.8 | 3.2 | 0.1 | 1.1 | 3.5 |
| 1 | Mining and Quarrying | 1.2 | 1.0 | 0.1 | 28.7 | 0.9 |
| 2&3 | Manufacturing | 6.4 | 6.5 | 0.5 | 15.3 | 4.8 |
| 4 | Electricity, Gas & Water | 6.1 | 5.4 | 1.0 | 2.5 | 6.0 |
| 5 | Construction | 7.2 | 8.5 | 0.4 | 5.4 | 7.7 |
| 6 | Wholesale & Retail Trade & Restaurants & Hotels | 1.9 | 1.7 | 0.3 | 0.1 | 1.2 |
| 7 | Transport, Storage & Communications | 11.4 | 8.6 | 2.3 | 3.7 | 14.4 |
| 8 | Real Estates & Business Services | 11.2 | 15.5 | 92.8 | 11.2 | 10.0 |
| 9 | Community, Social and Personal Services | 50.8 | 49.6 | 2.5 | 32.0 | 51.5 |
| All Industries | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| No. of employees(000) | | 550.9 | 115.1 | 305.4 | 12.5 | 1602.5 |

5.13 The largest occupations as reflected by the data in the above table, were clerical and related workers. Other workers were employed in specialised clerical occupations. The distribution of employment in clerical occupations in different industries varied. The Community Social and Personal Services had the largest proportion of all clerical workers except book keepers and cashiers who had dominated the financing, insurance, real estate and business services. Because of the need for clerks, stenographers & typists as supporting personnel to the professional and managerial workers the distribution reveals that these workers were employed in all other industry segments in varying proportions.

TABLE 5.8
Distribution of Service Workers according to Industry Divisions in Public Sector

| NIC Code | Description of Industry Division | Percentage of service workers | | | |
|------------------------------|---|-------------------------------|----------------|--------------------------------------|-------------------------------|
| | | House Keepers | Cooks, Waiters | Maids/ House Keeping Service Workers | Building Caretakers, Sweepers |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 0 | Agriculture, Hunting Forestry and Fishing | - | 1.3 | 0.4 | 0.6 |
| 1 | Mining and Quarrying | 0.2 | 1.1 | 0.6 | 0.6 |
| 2&3 | Manufacturing | 1.7 | 3.7 | 2.7 | 2.6 |
| 4 | Electricity, Gas & Water | - | 0.9 | 0.1 | 1.5 |
| 5 | Construction | 0.4 | 1.0 | 0.1 | 2.3 |
| 6 | Wholesale & Retail Trade & Restaurants & Hotels | 2.6 | 2.7 | 1.3 | 0.6 |
| 7 | Transport, Storage & Communications | 0.4 | 3.0 | 0.8 | 10.7 |
| 8 | Real Estates & Business Services | - | 0.3 | - | 4.5 |
| 9 | Community, Social and Personal Services | 94.7 | 86.0 | 94.0 | 76.6 |
| All Industries | | 100.0 | 100.0 | 100.0 | 100.0 |
| No. of employees(000) | | 20.8 | 88.3 | 36.8 | 334.4 |

5.14 The service workers accounted for varying proportions in different industry divisions. They had, however, concentrated mainly in the community, social and personal services.

5.15 As could be expected, the Manufacturing Industry contained the highest proportion of production workers as compared, to other industry divisions. The vast majority of production workers are craftsmen and operators. The public sector employed significant number of processors, mechanics, and repairmen because of growing use of machines and instruments . It is imperative to employ a substantial number of production processors and mechanics to assist engineers and technicians in design, installation and maintenance of machines and equipment, Table 5.9 presents the distribution of selected categories of production processors and craftsmen in each industry division.

TABLE 5.9
Distribution of Production Workers in each Industry Division

| NIC Code | Description of Industry Division | Percentage of Production Workers in Occupational Groups | | | | | | | | |
|----------|---|---|---------------------------------------|----------------------------|--|--------------------|--|--------------------|----------------------------------|----------------------------|
| | | Metal Processors | Chemical Processors & related workers | Food & Beverage processors | Machinery fitters & machine Assemblers | Electrical Fitters | Broadcasting Operators & Cinema Projectionists | Plumbers & Welders | Rubber & Plastic Products makers | Printing & related workers |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 0 | Agriculture, Hunting Forestry and Fishing | 0.6 | 0.9 | 0.7 | 1.7 | 1.9 | 2.9 | 1.1 | 0.4 | 1.0 |
| 1 | Mining and Quarrying | 2.0 | 2.9 | 0.1 | 7.3 | 3.3 | 0.2 | 5.7 | 5.7 | 3.3 |
| 2&3 | Manufacturing | 83.0 | 81.3 | 86.9 | 30.1 | 9.7 | 11.2 | 39.7 | 41.9 | 53.9 |
| 4 | Electricity, Gas & Water | 6.5 | 0.9 | 0.3 | 6.5 | 57.1 | 6.7 | 16.0 | 0.4 | 1.6 |
| 5 | Construction | 0.6 | 1.2 | 0.4 | 6.3 | 6.1 | 0.7 | 9.6 | 1.8 | 3.9 |
| 6 | Wholesale and Retail Trade and Restaurants And Hotels | 0.2 | 7.0 | 1.4 | 0.5 | 0.2 | 0.9 | 0.4 | - | 0.6 |
| 7 | Transport, Storage & Communications | 3.2 | 0.5 | 6.0 | 34.9 | 15.0 | 5.1 | 14.4 | 28.2 | 2.6 |
| 8 | Financing Insurance Real Estate And Business Services | - | 0.8 | 0.1 | 0.4 | 0.1 | 5.3 | 0.1 | - | 2.3 |
| 9 | Community, Social & Personal Services | 3.9 | 4.5 | 4.1 | 12.3 | 6.6 | 67.0 | 13.0 | 21.6 | 30.8 |
| | All Industries | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | No. of employees (in 000) | 40.1 | 15.5 | 37.1 | 194.1 | 305.1 | 3.1 | 37.9 | 3.9 | 28.8 |

5.16 It is seen from the table 5.9 that manufacturing was the largest single industry in which production workers were concentrated. The broadcasting station operators and cinema projectionists were employed largely in community, social and personal services.

CHAPTER VI

OCCUPATIONAL PATTERN OF EMPLOYEES IN DIFFERENT BRANCHES OF PUBLIC SECTOR

6.1 The public sector consists of Central Govt., State Government, Quasi Government (Central), Quasi-Government (States) and Local Bodies. Each of the components of the public sector has different activities and as a result of distinct functions, the occupational composition and size of employment differ from branch to branch. Appendix -IV presents the distribution of occupational employment in different branches of public sector. As may be seen from the Appendix, there is a long list of occupations in different branches of public sector. To enable a better understanding about the proportionate distribution of significant occupations spread over each branch of public sector, the analysis of data has been made in the following paragraphs.

6.2 The 1996 Occupational Pattern Study has enumerated 99.07 lakh employees in the public sector. The proportionate distribution of these employees is discussed in Chapter II of the report. A similar analysis of occupational pattern of employees in individual branches of public sector is presented in table 6.1.

TABLE 6.1
Occupational Pattern in different Branches of Public Sector

| (Fig. in lakhs) | | | | | | | | |
|------------------------------|---------------|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Sl. No. | NCO Div. Code | Description of Occupational Division | Central Govt. | State Govt. | Quasi Govt. Central | Quasi Govt. State | Local Bodies | Total (All employees) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 0&1 | Professional technical & related workers | 1.95 (12.8) | 16.60 (41.0) | 1.44 (10.3) | 3.45 (18.5) | 4.83 (45.4) | 28.28 (28.5) |
| 2 | 2 | Administrative, executive and managerial workers | 0.28 (1.8) | 0.94 (2.3) | 2.02 (14.4) | 0.55 (2.9) | 0.12 (1.1) | 3.91 (3.9) |
| 3 | 3 | Clerical and related workers | 6.71 (44.0) | 10.97 (27.1) | 5.93 (42.3) | 5.57 (29.8) | 2.08 (19.5) | 31.26 (31.6) |
| 4 | 4 | Sales workers | 0.01 (0.1) | 0.03 (0.1) | 0.09 (0.7) | 0.26 (1.4) | 0.01 (0.1) | 0.40 (0.4) |
| 5 | 5 | Service workers | 1.34 (8.8) | 6.84 (16.9) | 0.69 (4.9) | 0.69 (3.7) | 2.37 (22.2) | 11.94 (12.1) |
| 6 | 6 | Farmers, Fishermen, hunters, loggers and related workers | 0.11 (0.7) | 1.35 (3.4) | 0.06 (0.4) | 0.25 (1.4) | 0.10 (0.9) | 1.87 (1.9) |
| 7 | 7,8&9 | Production and related workers, transport equipment operators and labourers | 4.86 (31.8) | 3.71 (9.2) | 3.77 (27.0) | 7.91 (42.3) | 1.15 (10.8) | 21.41 (21.6) |
| Total All Occupations | | | 15.27 (100.0) | 40.45 (100.0) | 14.00 (100.0) | 18.69 (100.0) | 10.65 (100.0) | 99.07 (100.0) |

- N.B. (1) Totals of employment in each column may not necessarily tally with the total of all occupations due to rounding off.
(2) Figures in brackets are percentages.

From the analysis made in the table 6.1, the following salient features are observed: -

- (i) In the case of the Central Govt. the pattern reflects that it employed 44 percent as clerical & related workers and 31.8 percent Production and related workers. The share of administrative, executive and managerial workers constituted 1.8% and that of professional technical and related workers 12.8%. The share of sales workers in the occupational structure of Central Govt. was quite insignificant.
- (ii) As may be seen from the above table, there were 40.45 lakh employees in State Govt. of these 41% were categorized as professional, technical and related workers and the share of clerical workers was 27.1% whereas the share of production and related workers was 9.2%.
- (iii) The data in respect of Q.G (C) reveals that of 14.00 lakh employees, 42.3% were clerical & related workers, 27% were production & related workers and 10.3% were professional, technical & related workers. Administrative, executive and managerial workers constituted 14.4%.
- (iv) In the case of Q.G. (State), the occupational pattern reveals that 42.3% employees were classified as production and related workers and only 29.8% of employees were in the clerical and related workers.
- (v) It is noted that 45.4% of the employees in Local Bodies were classified as professional, technical and related workers. The share of clerical and service workers was 19.5% and 22.2% respectively.

6.3 Each branch of the public sector has a distinct occupational structure. As a result of different functions performed by the individual branches, the composition of occupational structure is obviously different. Table 6.2 shows the percentage distribution of occupational employment.

TABLE 6.2
Percentage Distribution of Occupational Employment according to the
Branch of Public Sector

| Sl. No. | NCO Div. Code | Description of Occupational Division | Central Govt. | State Govt. | Quasi Govt. Central | Quasi Govt. State | Local Bodies | Total (All employees) |
|------------------------------|---------------|---|---------------|-------------|---------------------|-------------------|--------------|-----------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 0&1 | Professional technical & related workers | 6.9 | 58.7 | 5.1 | 12.2 | 17.1 | 100.0 |
| 2 | 2 | Administrative, executive and managerial workers | 7.2 | 24.1 | 51.6 | 14.1 | 3.0 | 100.0 |
| 3 | 3 | Clerical and related workers | 21.5 | 35.1 | 19.0 | 17.8 | 6.6 | 100.0 |
| 4 | 4 | Sales workers | 2.8 | 6.3 | 22.8 | 65.3 | 2.8 | 100.0 |
| 5 | 5 | Service workers | 11.3 | 57.3 | 5.8 | 5.8 | 19.8 | 100.0 |
| 6 | 6 | Farmers, Fishermen, hunters, loggers and related workers | 5.6 | 72.4 | 3.2 | 13.5 | 5.3 | 100.0 |
| 7 | 7,8&9 | Production and related workers, transport equipment operators and labourers | 22.7 | 17.4 | 17.6 | 36.9 | 5.4 | 100.0 |
| TOTAL All Occupations | | | 15.4 | 40.8 | 14.1 | 18.9 | 10.8 | 100.0 |

The analysis of occupational data in the above table reveals the following: -

- (i) The highest concentration of professional, technical and related workers was in State Govt. (58.7%) followed by local Bodies (17.1%).
- (ii) The Q.G.(Central) had maximum percentage (51.6%) of administrative, executive and managerial workers followed by State Govt. where 24.1% workers were employed in this category.
- (iii) In the case of clerical and related workers State Govt. had the maximum proportion of 35.1%.
- (iv) Sales workers had the maximum share (65.3%) in Quasi Govt. (State) followed by 22.8% in Quasi Govt.(Central). The proportion of sales workers in other branches was quite less.
- (v) The employment of service workers was concentrated in State Govt. and their proportion works out to 57.3%. The proportion of service workers in Central Govt. and Local Bodies was 11.3% & 19.8% respectively.

- (vi) About 72.4% of the farmers and related workers were in State Govt. Quasi Govt. (State) contributed 13.5%. Their proportions in other branches were not much significant.
- (vii) The production and related workers had the maximum share of 36.9% in Quasi Govt.(State) followed by 22.7% in Central Govt. and 17.6% in Quasi Govt. (Central). Local bodies, however, employed only 5.4% workers in this category.

6.4 Table 6.1 gives the distribution of employees classified by broad occupational divisions in different branches of public sector. It will be appropriate to analyse the proportions in selected occupational groups, in individual branches of public sector.

Professional, Technical and Related Workers

6.5 There were about 28.28 lakh employees employed in the occupational group of professional, technical and related workers. The proportionate distribution of employees in this important occupational group is given in Table 6.3.

TABLE 6.3
Proportionate Distribution of Professional, Technical and related workers in
Different Branches of Public Sector

| NCO Code | Description of Occupation | Distribution (Percentage) | | | | | Total |
|-------------------------|--|---------------------------|------------------|---------------------|-------------------|-----------------|------------------|
| | | Central Govt. | State Govt. | Quasi Govt. Central | Quasi Govt. State | Local Bodies | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 021 | Civil Engineers | 4.4 | 2.1 | 2.4 | 3.4 | 1.2 | 2.3 |
| 031 | Civil Engineering, Overseers and technicians | 1.4 | 2.2 | 2.3 | 2.6 | 1.3 | 2.1 |
| 089 | Nursing, Sanitary and other Medical Health technicians, n.e.c. | 2.1 | 5.5 | 2.0 | 0.7 | 5.0 | 4.4 |
| 120 | Accountants and Auditors | 19.7 | 3.0 | 9.1 | 7.4 | 1.0 | 4.6 |
| 137 | Labour, Social Welfare and related workers | 0.4 | 5.6 | 0.2 | 0.9 | 9.7 | 5.1 |
| 150 | Teachers, University and Colleges | 0.3 | 3.7 | 1.1 | 1.7 | 0.1 | 2.5 |
| 151 | Teachers Higher Secondary and High School | 3.7 | 18.5 | 6.2 | 1.8 | 8.1 | 13.0 |
| 152 | Teachers Middle Schools | 0.5 | 12.5 | 1.3 | 17.2 | 12.6 | 11.7 |
| 153 | Teachers Primary Schools | 0.8 | 19.0 | 2.5 | 37.7 | 49.8 | 24.4 |
| | Others | 66.7 | 27.9 | 72.9 | 26.6 | 11.2 | 29.9 |
| TOTAL | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| No. of employees | | 1,95,272 | 16,60,169 | 1,44,475 | 3,45,229 | 4,82,513 | 28,27,658 |

Analysis of table shows that proportionate distribution of workers in various occupations in the category of Professional, Technical and Related Workers is more or less the same in different branches of Public sector excepting for a few occupations.

Clerical and Related Workers

6.6 Clerical employees had uniform pattern of employment in different branches of public sector. This pattern is revealed from the data indicated in Table 6.4 below: -

TABLE 6.4

Proportionate Distribution of Clerical and related workers in Different Branches of Public Sector

| NCO Code | Description of Occupation | Distribution (Percentage) | | | | | Total |
|-------------------------|---|---------------------------|------------------|---------------------|-------------------|------------------|------------------|
| | | Central Govt. | State Govt. | Quasi Govt. Central | Quasi Govt. State | Local Bodies | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 300 | Clerical Supervisors, Office Superintendents, Head Clerks and Section Heads | 4.0 | 4.5 | 2.9 | 5.5 | 4.0 | 4.2 |
| 301 | Other Supervisors (Inspectors etc.) | 1.7 | 4.9 | 1.1 | 2.7 | 4.0 | 3.0 |
| 310 | Village Officials | 0.1 | 6.0 | - | 0.1 | 5.4 | 2.5 |
| 320 | Stenographers & Steno-Typists | 1.7 | 2.1 | 1.9 | 1.5 | 0.7 | 1.8 |
| 321 | Typists | 0.7 | 2.5 | 2.2 | 1.7 | 1.5 | 1.8 |
| 330 | Book-Keepers and Accounts Clerks | 1.0 | 0.4 | 36.5 | 3.5 | 0.3 | 7.9 |
| 350 | Clerks, General | 18.1 | 25.4 | 10.1 | 23.8 | 33.1 | 21.2 |
| 358 | Office, Attendants, Peons, Daftaries etc. | 19.9 | 37.1 | 20.4 | 20.2 | 35.0 | 27.1 |
| 371 | Conductors, Transport | 1.3 | 0.6 | 0.7 | 21.0 | 0.8 | 4.4 |
| 380 | Postmen | 11.9 | - | - | - | - | 2.6 |
| | Others | 39.6 | 16.5 | 24.2 | 20.0 | 15.2 | 23.5 |
| TOTAL | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| No. of employees | | 6,71,210 | 10,97,149 | 5,92,812 | 5,57,449 | 2, 07,605 | 31,26,225 |

It is observed from the above table that 36.5% of book-keepers and accounts clerks were employed in Quasi Govt. (Central) which was the highest proportion in different branches of public sector. The main reason of this high proportion is the concentration of employment in banking industry.

Service Workers

6.7 Service workers constituted an important part of occupational structure of different branches of public sector. Table 6.5 indicates the proportionate composition of service workers.

TABLE 6.5
Proportionate Distribution of Service workers in Different Branches of Public Sector

| NCO Code | Description of Occupation | Distribution (Percentage) | | | | | |
|-------------------------|---|---------------------------|-----------------|---------------------|-------------------|-----------------|------------------|
| | | Central Govt. | State Govt. | Quasi Govt. Central | Quasi Govt. State | Local Bodies | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 520 | Cooks and Cook-Bearers | 5.5 | 4.3 | 4.2 | 4.2 | 16.1 | 6.7 |
| 541 | Sweepers, Cleaners and related workers | 36.4 | 8.2 | 34.0 | 23.6 | 71.8 | 26.4 |
| 542 | Watermen | 3.3 | 0.9 | 0.8 | 2.0 | 1.7 | 1.4 |
| 571 | Policemen and Detectives | 18.0 | 60.0 | 0.7 | 3.2 | 0.1 | 36.7 |
| 572 | Customs Examiners, Patrollers and related workers | 5.0 | 1.9 | 0.3 | 0.1 | - | 1.7 |
| 574 | Watchmen, Chowkidars and Gatekeepers | 18.5 | 11.0 | 48.2 | 56.9 | 6.7 | 15.8 |
| | Others | 13.3 | 13.7 | 11.8 | 10.0 | 3.6 | 11.3 |
| TOTAL | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| No. of employees | | 1,34,394 | 6,84,395 | 68,831 | 69,354 | 2,36,857 | 11,93,831 |

It is seen from the distribution that local bodies had the maximum number of service workers in the category of Sweepers, Cleaners and related workers followed by the Central Govt.

Production workers

6.8 Of the 14.99 lakh production and related workers 6.14 lakhs were employed in Quasi Govt. (State). The significant occupations classified under occupational group of production workers are machinery fitters and machine assemblers, motor vehicle mechanics, electricians, electrical fitters etc. Table 6.6 indicates the proportionate distribution of this category of workers in different branches of public sector.

TABLE 6.6**Proportionate Distribution of Occupational Employment of Production Workers
(Craftsmen and Operatives) in Public Sector**

| NCO Code | Description of Occupation | Distribution (Percentage) | | | | | |
|-------------------------|---|---------------------------|-----------------|---------------------------|-------------------------|-----------------|------------------|
| | | Central Govt. | State Govt. | Quasi Govt. Central | Quasi Govt. State | Local Bodies | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 752 | Spinners and Winders | - | 0.3 | 2.1 | 4.7 | - | 2.4 |
| 842 | Machinery Fitters and Machine Assemblers | 7.6 | 4.1 | 5.5 | 3.0 | 3.0 | 4.6 |
| 843 | Motor Vehicle Mechanics | 1.3 | 2.0 | 1.6 | 4.5 | 1.1 | 2.8 |
| 845 | Mechanics, Repairmen | 3.8 | 2.6 | 4.9 | 2.2 | 3.3 | 3.1 |
| 851 | Electricians, Electrical Fitters and related workers | 6.1 | 3.7 | 4.9 | 9.2 | 8.0 | 6.8 |
| 857 | Electric Linemen and Cable Jointers | 3.8 | 1.5 | 1.1 | 13.0 | 17.2 | 7.3 |
| 961 | Stationery Engine and related equipment operators | 0.9 | 13.1 | 1.9 | 2.8 | 8.4 | 4.0 |
| 986 | Tram Car and Motor Vehicle Drivers | 9.7 | 32.3 | 6.4 | 24.7 | 20.4 | 19.0 |
| | Others | 66.8 | 40.4 | 71.6 | 35.9 | 38.6 | 50.0 |
| TOTAL | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| No. of employees | | 3,10,892 | 2,17,563 | 2,91,358 | 6,14,435 | 65,177 | 14,99,425 |

The analysis of occupational distribution shows that depending upon the nature of activities of the individual branches, the employment by occupations had varied.

FORM-ER-II

Occupational return to be submitted to the Local Employment Exchange once in two years (on a date to be specified by notification in the Official Gazette).

(Vide Employment Exchange (Compulsory Notification of Vacancies) Rules, 1960)

Name and address of the employer _____

Nature of business _____

(Please describe what the establishment makes or does as its principal activity.)

1. Total number of persons on the pay rolls of the establishment on (specified date) _____
(This figure should include every person whose wages or salary is paid by the establishment.)

2. Occupational classification of all employees as given in item-I above. (please give the number of employees in each occupation separately.)

| Occupation | No. of employees | | | 5 |
|---|------------------|-------|-------|--|
| | Men | Women | Total | |
| Use exact terms such as Engineer (Mechanical), Teacher (Domestic/Science), Officer on special Duty (Actuary), Assistant Director (Metallurgist), Scientific Asstt. (Chemist), Research Officer (Economist), Instructor (Carpenter), Supervisor (Tailor), Fitter (Internal Combustion Engine), Inspector (Sanitary), Superintendent (Office), Apprentice (Electrician), etc. | | | | Please give as far as possible approximate number of vacancies in each occupation you are likely to fill during the next calendar year due to retirement expansion or reorganization |
| | 1 | 2 | 3 | 4 |

Total: _____

Dated: _____

Signature of Employer

To
The Employment Exchange
(Please fill in here the address of your local Employment Exchange)

Note: Total of Col..(4) under item 2 should correspond to the figure given against item 1.

State-wise percentage of response to occupational pattern study - Public Sector - 1996

| Sl. No. | Name of States/Union Territories | No. of establishments addressed | NO. of establishments responded | Percentage of response |
|--------------|----------------------------------|---------------------------------|---------------------------------|------------------------|
| 1 | 2 | 3 | 4 | 5 |
| 1 | Andhra Pradesh | 11,806 | 8,,160 | 69.1 |
| 2 | Assam | 5,417 | 2,776 | 51.2 |
| 3 | Bihar | 7,404 | 241 | 3.3 |
| 4 | Goa | 464 | 254 | 54.7 |
| 5 | Gujarat | 7,327 | 4,983 | 68.0 |
| 6 | Haryana | 6,700 | 6,,263 | 93.4 |
| 7 | Himachal Pradesh | 3,029 | 2,709 | 89.4 |
| 8 | Karnataka | 11,684 | 10,399 | 89.0 |
| 9 | Kerala | 9,,635 | 7,,621 | 79.1 |
| 10 | Madhya Pradesh | 11,733 | 8,339 | 71.1 |
| 11 | Maharashtra | 9,693 | 6,217 | 64.1 |
| 12 | Manipur | 862 | 780 | 90.5 |
| 13 | Mizoram | 327 | 132 | 40.4 |
| 14 | Nagaland | 824 | 331 | 40.2 |
| 15 | Orissa | 7,018 | 2,498 | 35.6 |
| 16 | Punjab | 7,516 | 4,696 | 62.5 |
| 17 | Rajasthan | 12,422 | 12,242 | 98.6 |
| 18 | Tamil Nadu | 11,354 | 9,,034 | 79.6 |
| 19 | Uttar Pradesh | 24,130 | 16,627 | 68.9 |
| 20 | West Bengal | 5,,737 | 1,681 | 29.3 |
| 21 | Chandigarh | 525 | 502 | 95.6 |
| 22 | Delhi | 1,506 | 313 | 20.8 |
| 23 | Pondicherry | 162 | 71 | 43.8 |
| TOTAL | | 1,57,275 | 1,06,869 | 68.0 |

APPENDIX-III

Distribution of Establishments (branch-wise) addressed under the 1996 O.P. study

| Sl. No. | Name of States/Uts. | <u>No. of Establishments addressed</u> | | | | | Total |
|--------------------------------|---------------------|--|---------------|---------------------|-------------------|---------------|-----------------|
| | | Central Govt. | State Govt. | Central Govt. Quasi | State Govt. Quasi | Local Bodies | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Andhra Pradesh | 555 | 4,522 | 3,739 | 1,293 | 1,697 | 11,806 |
| 2 | Assam | 294 | 3,539 | 982 | 493 | 109 | 5,417 |
| 3 | Bihar | 304 | 4,234 | 1,338 | 1,330 | 198 | 7,404 |
| 4 | Goa | 48 | 141 | 226 | 35 | 14 | 464 |
| 5 | Gujarat | 366 | 2,509 | 2,763 | 827 | 862 | 7,327 |
| 6 | Haryana | 146 | 4,193 | 1,186 | 964 | 211 | 6,700 |
| 7 | Himachal Pradesh | 147 | 1,798 | 557 | 483 | 44 | 3,029 |
| 8 | Karnataka | 468 | 7,171 | 2,783 | 803 | 459 | 11,684 |
| 9 | Kerala | 258 | 4,848 | 2,090 | 1,179 | 1,260 | 9,635 |
| 10 | Madhya Pradesh | 496 | 6,760 | 2,685 | 852 | 940 | 11,733 |
| 11 | Maharashtra | 795 | 3,936 | 3,120 | 933 | 909 | 9,693 |
| 12 | Manipur | 44 | 689 | 68 | 51 | 10 | 862 |
| 13 | Mizoram | 12 | 250 | 21 | 42 | 2 | 327 |
| 14 | Nagaland | 47 | 661 | 72 | 36 | 8 | 824 |
| 15 | Orissa | 342 | 3,771 | 1,115 | 1,676 | 114 | 7,018 |
| 16 | Punjab | 246 | 4,124 | 1,915 | 949 | 282 | 7,516 |
| 17 | Rajasthan | 547 | 7,373 | 2,383 | 1,632 | 487 | 12,422 |
| 18 | Tamil Nadu | 524 | 3,997 | 3,152 | 1,694 | 1,987 | 11,354 |
| 19 | Uttar Pradesh | 1,281 | 12,203 | 6,600 | 2,306 | 1,740 | 24,130 |
| 20 | West Bengal | 381 | 906 | 1,675 | 233 | 2,542 | 5,737 |
| 21 | Chandigarh | 92 | 208 | 206 | 11 | 8 | 525 |
| 22 | Delhi | 432 | 130 | 89 | 31 | 15 | 1,506 |
| 23 | Pondicherry | 25 | 67 | 45 | 10 | 15 | 162 |
| TOTAL | | 7,850 | 78,030 | 39,619 | 17,863 | 13,913 | 1,57,275 |
| No. of Estts. Responded | | 4,521 | 54,563 | 27,822 | 11,356 | 8,607 | 1,06,869 |
| Percentage of Response | | 57.6 | 69.9 | 70.2 | 63.6 | 61.9 | 68.0 |

Occupational Composition Pattern of Employees in different branches of Public Sector as on 30 Sep 96

| NCO CODE | Description of Occupation | Total Number of Employees in | | | | | | No. of women employees(included in Total) | | | | | |
|-------------|--|------------------------------|---------------|--------------------------|------------------------|---------------|--------|---|---------------|--------------------------|------------------------|---------------|-------|
| | | Central Govt | State Govt | Central Govt Quasi | State Govt Quasi | Local Body | Total | Central Govt | State Govt | Central Govt Quasi | State Govt Quasi | Local Body | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 000 | Physicist | 863 | 59 | 314 | 5 | 0 | 1241 | 51 | 2 | 16 | 0 | 0 | 69 |
| 001 | Chemists (Excluding Pharmaceutical Chemists) | 1579 | 1056 | 2873 | 1752 | 73 | 7333 | 115 | 157 | 187 | 61 | 2 | 522 |
| 002 | Geologists and Geophysicists | 365 | 1170 | 744 | 266 | 49 | 2594 | 18 | 33 | 23 | 4 | 0 | 78 |
| 003 | Meteorologist | 974 | 45 | 124 | 32 | 3 | 1178 | 88 | 0 | 39 | 1 | 0 | 128 |
| 009 | Physical Scientists,n.e.c. | 6381 | 293 | 1698 | 132 | 2 | 8506 | 605 | 28 | 155 | 15 | 1 | 804 |
| 00 | PHYSICAL SCIENTISTS | 10162 | 2623 | 5753 | 2187 | 127 | 20852 | 877 | 220 | 420 | 81 | 3 | 1601 |
| 010 | Physical Science Technicians | 564 | 7447 | 794 | 398 | 215 | 9418 | 50 | 803 | 109 | 30 | 10 | 1002 |
| 01 | PHYSICAL SCIENCE TECHNICIANS | 564 | 7447 | 794 | 398 | 215 | 9418 | 50 | 803 | 109 | 30 | 10 | 1002 |
| 020 | Architects and Town Planners | 97 | 688 | 65 | 180 | 212 | 1242 | 7 | 106 | 2 | 35 | 4 | 154 |
| 021 | Civil Engineers | 8686 | 35494 | 3515 | 11732 | 5487 | 64914 | 183 | 665 | 104 | 376 | 468 | 1796 |
| 022 | Electrical and Electronic Engineers | 10085 | 3345 | 6339 | 23582 | 1194 | 44545 | 700 | 157 | 296 | 683 | 5 | 1841 |
| 023 | Mechanical Engineers | 12132 | 2968 | 14038 | 5629 | 1106 | 35873 | 180 | 46 | 493 | 63 | 29 | 811 |
| 024 | Chemical Engineers | 470 | 163 | 1422 | 343 | 3 | 2401 | 11 | 13 | 79 | 2 | 0 | 105 |
| 025 | Metallurgists | 5 | 25 | 175 | 3 | 0 | 208 | 0 | 8 | 4 | 1 | 0 | 13 |
| 026 | Mining Engineers | 31 | 275 | 1215 | 132 | 0 | 1653 | 0 | 2 | 7 | 3 | 0 | 12 |
| 027 | Industrial Engineers | 1008 | 241 | 1325 | 313 | 20 | 2907 | 11 | 26 | 50 | 0 | 0 | 87 |
| 028 | Surveyors | 695 | 3097 | 988 | 569 | 322 | 5671 | 68 | 115 | 38 | 24 | 286 | 531 |
| 029 | Architects, Engs, Technologists and Surveyors,n.e.c. | 1210 | 2769 | 4426 | 2908 | 611 | 11924 | 63 | 103 | 275 | 42 | 18 | 501 |
| 02 | ARCHITECTS, ENGINEERS, TECHNOLOGISTS AND SURVEYORS | 34419 | 49065 | 33508 | 45391 | 8955 | 171338 | 1223 | 1241 | 1348 | 1229 | 810 | 5851 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|-------|-------|-------|-------|-------|--------|------|------|------|------|-----|-------|
| 030 | Draughtsmen | 6352 | 19248 | 3728 | 5707 | 1872 | 36907 | 430 | 2102 | 126 | 621 | 82 | 3361 |
| 031 | Civil Engineering Overseers and Technicians | 2650 | 36633 | 3295 | 9050 | 6284 | 57912 | 78 | 624 | 64 | 199 | 83 | 1048 |
| 032 | Electrical and Electronic Enging Overseers and Tech. | 11001 | 4002 | 7534 | 18715 | 353 | 41605 | 634 | 114 | 388 | 443 | 15 | 1594 |
| 033 | Mechanical Engineering Overseers and Technicians | 25435 | 2669 | 13729 | 5596 | 572 | 48001 | 414 | 25 | 129 | 22 | 0 | 590 |
| 034 | Chemical Engineering Technicians | 1169 | 572 | 679 | 481 | 8 | 2909 | 61 | 47 | 11 | 16 | 2 | 137 |
| 035 | Metallurgical Technicians | 827 | 78 | 5510 | 83 | 26 | 6524 | 74 | 33 | 115 | 3 | 3 | 228 |
| 036 | Mining Technicians | 94 | 47 | 5654 | 198 | 0 | 5993 | 0 | 0 | 102 | 0 | 0 | 102 |
| 037 | Survey Technicians | 2886 | 19163 | 508 | 1403 | 376 | 24336 | 111 | 2463 | 5 | 35 | 8 | 2622 |
| 039 | Engineering Technicians , n.e.c | 18594 | 10519 | 2654 | 2389 | 1114 | 35270 | 279 | 860 | 131 | 91 | 63 | 1424 |
| 03 | ENGINEERING TECHNICIANS | 69008 | 92931 | 43291 | 43622 | 10605 | 259457 | 2081 | 6268 | 1071 | 1430 | 256 | 11106 |
| 040 | Aircraft Pilots | 7 | 32 | 189 | 16 | 0 | 244 | 0 | 0 | 1 | 0 | 0 | 1 |
| 041 | Flight Engineers | 7 | 9 | 34 | 55 | 0 | 105 | 3 | 5 | 0 | 0 | 0 | 8 |
| 042 | Flight Navigators | 3 | 1 | 3 | 1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 043 | Ship's Deck Officers and Pilots | 41 | 54 | 357 | 51 | 2 | 505 | 0 | 0 | 0 | 0 | 0 | 0 |
| 044 | Ships Engineers | 25 | 17 | 100 | 0 | 1 | 143 | 0 | 1 | 3 | 0 | 0 | 4 |
| 049 | Aircraft and Ship's Officers,n.e.c | 1 | 0 | 72 | 1 | 0 | 74 | 0 | 0 | 4 | 0 | 0 | 4 |
| 04 | AIRCRAFT AND SHIPS OFFICERS | 84 | 113 | 755 | 124 | 3 | 1079 | 3 | 6 | 8 | 0 | 0 | 17 |
| 050 | Biologists, Zoologists, Botanists and related scientists | 565 | 3988 | 503 | 313 | 22 | 5391 | 50 | 266 | 69 | 30 | 0 | 415 |
| 051 | Bacteriologists, Pharmacologists & Related Scientists | 175 | 873 | 406 | 144 | 100 | 1698 | 14 | 72 | 35 | 14 | 2 | 137 |
| 052 | Silviculturists | 17 | 235 | 77 | 52 | 4 | 385 | 4 | 0 | 1 | 0 | 0 | 5 |
| 053 | Agronomists and Agricultural Scientists | 2357 | 24712 | 1643 | 2244 | 1384 | 32340 | 48 | 1014 | 62 | 89 | 22 | 1235 |
| 059 | Life Scientists, n.e.c | 23 | 9 | 20 | 7 | 124 | 183 | 0 | 1 | 0 | 3 | 20 | 24 |
| 05 | LIFE SCIENTISTS | 3137 | 29817 | 2649 | 2760 | 1634 | 39997 | 116 | 1353 | 167 | 136 | 44 | 1816 |
| 060 | Life Science Technicians | 967 | 12450 | 1516 | 1090 | 994 | 17017 | 146 | 1516 | 250 | 84 | 125 | 2121 |
| 06 | LIFE SCIENCE TECHNICIANS | 967 | 12450 | 1516 | 1090 | 994 | 17017 | 146 | 1516 | 250 | 84 | 125 | 2121 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|------|--------|------|------|-------|--------|------|--------|------|------|-------|--------|
| 070 | Physicians and Surgeons, Allopathic | 1783 | 28753 | 1259 | 763 | 2782 | 35340 | 615 | 5286 | 320 | 167 | 412 | 6800 |
| 071 | Physicians and Surgeons, Ayurvedic | 58 | 8405 | 73 | 98 | 685 | 9319 | 6 | 601 | 21 | 8 | 64 | 700 |
| 072 | Physicians and Surgeons, Homeopathic | 56 | 999 | 14 | 26 | 114 | 1209 | 8 | 174 | 4 | 1 | 15 | 202 |
| 073 | Physicians and Surgeons, Unani | 11 | 405 | 6 | 5 | 6 | 433 | 2 | 38 | 0 | 0 | 0 | 40 |
| 074 | Dental Surgeons | 163 | 989 | 10 | 6 | 4 | 1172 | 16 | 246 | 0 | 0 | 2 | 264 |
| 075 | Veterinarians | 1417 | 13487 | 630 | 367 | 665 | 16566 | 55 | 364 | 28 | 10 | 2 | 459 |
| 076 | Pharmacists | 1125 | 23842 | 1416 | 970 | 2856 | 30209 | 97 | 2573 | 141 | 165 | 201 | 3177 |
| 077 | Dieticians and Nutritionists | 52 | 335 | 28 | 11 | 2 | 428 | 1 | 263 | 6 | 9 | 1 | 280 |
| 078 | Public Health Physicians | 44 | 3054 | 116 | 57 | 773 | 4044 | 2 | 416 | 30 | 7 | 56 | 511 |
| 079 | Physicians and Surgeons,n.e.c. | 21 | 198 | 5 | 7 | 57 | 288 | 6 | 31 | 0 | 0 | 6 | 43 |
| 07 | PHYSNS & SURGNS (INCLNG DENTAL & VETRNRY SURGEONS) | 4730 | 80467 | 3557 | 2310 | 7944 | 99008 | 808 | 9992 | 550 | 367 | 759 | 12476 |
| 080 | Vaccinators, Inoculators and Medical Assistants | 556 | 6482 | 982 | 209 | 2150 | 10379 | 52 | 1483 | 80 | 109 | 205 | 1929 |
| 081 | Dental Assistants | 5 | 708 | 9 | 13 | 8 | 743 | 2 | 439 | 4 | 8 | 1 | 454 |
| 082 | Veterinary Assistants | 152 | 15514 | 892 | 70 | 428 | 17056 | 12 | 220 | 36 | 1 | 3 | 272 |
| 083 | Pharmaceutical Assistants | 72 | 1022 | 37 | 15 | 11 | 1157 | 4 | 339 | 3 | 1 | 0 | 347 |
| 084 | Nurses | 1779 | 56594 | 2478 | 1363 | 5490 | 67704 | 1249 | 42229 | 2156 | 1165 | 4484 | 51283 |
| 085 | Midwives and Health Visitors | 321 | 38976 | 909 | 358 | 8431 | 48995 | 285 | 32385 | 661 | 180 | 7662 | 41173 |
| 086 | X-Ray technicians | 96 | 3298 | 213 | 68 | 221 | 3896 | 3 | 393 | 20 | 4 | 3 | 423 |
| 087 | Optometrists and opticians | 0 | 813 | 5 | 18 | 18 | 854 | 0 | 86 | 1 | 4 | 10 | 101 |
| 088 | Physiotherapists and Occupational Therapists | 104 | 616 | 66 | 18 | 3 | 807 | 15 | 352 | 27 | 8 | 0 | 402 |
| 089 | Nursing.Sanitary and other Med Health Tech ,n.e.c | 4080 | 91389 | 2806 | 2386 | 24143 | 124804 | 1545 | 33561 | 756 | 587 | 7563 | 44012 |
| 08 | NURSES & OTHER MEDICAL & HEALTH TECHNICIANS | 7165 | 215412 | 8397 | 4518 | 40903 | 276395 | 3167 | 111487 | 3744 | 2067 | 19931 | 140396 |
| 090 | Scientific Medical & Technical Persons other | 2732 | 1472 | 2335 | 105 | 355 | 6999 | 214 | 168 | 130 | 4 | 12 | 528 |
| 09 | SCIENTIFIC MEDICAL & TECHNICAL PERSONS OTHER | 2732 | 1472 | 2335 | 105 | 355 | 6999 | 214 | 168 | 130 | 4 | 12 | 528 |
| 100 | Mathematicians | 117 | 14 | 4 | 7 | 1 | 143 | 3 | 0 | 1 | 0 | 0 | 4 |
| 101 | Statisticians | 109 | 1686 | 58 | 186 | 106 | 2145 | 22 | 135 | 4 | 26 | 3 | 190 |
| 102 | Actuaries | 97 | 205 | 83 | 35 | 6 | 426 | 1 | 6 | 9 | 2 | 1 | 19 |
| 103 | System Analysts and Programmers | 325 | 620 | 1692 | 603 | 45 | 3285 | 41 | 71 | 298 | 83 | 7 | 500 |
| 104 | Statistical Investigators and Related Workers | 1360 | 8034 | 408 | 979 | 276 | 11057 | 140 | 799 | 37 | 30 | 14 | 1020 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|---|-------|--------|-------|-------|-------|--------|------|-------|------|------|-------|-------|
| 109 | Mathematicians, Statisticians & Related Workers, n.ec. | 3 | 48 | 2 | 0 | 1 | 54 | 0 | 6 | 1 | 0 | 0 | 7 |
| 10 | MATHEMATICIANS, STATISTICIANS AND RELATED WORKERS | 2011 | 10607 | 2247 | 1810 | 435 | 17110 | 207 | 1017 | 350 | 141 | 25 | 1740 |
| 110 | Economists | 21 | 116 | 1 | 12 | 1 | 151 | 1 | 33 | 0 | 0 | 0 | 34 |
| 111 | Economic Investigator and Related Workers | 369 | 1399 | 34 | 120 | 45 | 1967 | 23 | 174 | 1 | 3 | 0 | 201 |
| 119 | Economists and Related Workers,n.e.c. | 10 | 28 | 1 | 2 | 14 | 55 | 0 | 6 | 0 | 0 | 1 | 7 |
| 11 | ECONOMISTS AND RELATED WORKERS | 400 | 1543 | 36 | 134 | 60 | 2173 | 24 | 213 | 1 | 3 | 1 | 242 |
| 120 | Accountants and Auditors | 38407 | 49081 | 13212 | 25481 | 5062 | 131243 | 6476 | 3172 | 1292 | 1545 | 345 | 12830 |
| 121 | Cost and works Accountants | 40 | 35 | 41 | 25 | 8 | 149 | 4 | 1 | 3 | 1 | 0 | 9 |
| 129 | Accountants, Auditors and Related Workers n.e.c. | 11 | 275 | 1 | 15 | 11 | 313 | 0 | 6 | 0 | 0 | 0 | 6 |
| 12 | ACCOUNTANTS, AUDITORS AND RELATED WORKERS | 38458 | 49391 | 13254 | 25521 | 5081 | 131705 | 6480 | 3179 | 1295 | 1546 | 345 | 12845 |
| 130 | Sociologists and Anthropologists | 27 | 79 | 31 | 63 | 8 | 208 | 2 | 12 | 5 | 0 | 1 | 20 |
| 131 | Historians, Archeologists & Political Scints & Rel Work | 59 | 117 | 3 | 6 | 2 | 187 | 3 | 15 | 0 | 0 | 0 | 18 |
| 132 | Geographers | 135 | 98 | 1 | 2 | 0 | 236 | 86 | 71 | 0 | 0 | 0 | 157 |
| 133 | Psychologists | 5 | 100 | 8 | 16 | 4 | 133 | 2 | 49 | 0 | 0 | 0 | 51 |
| 134 | Librarians, Archivists and Curators | 1439 | 8722 | 731 | 996 | 552 | 12440 | 285 | 2187 | 262 | 160 | 101 | 2995 |
| 135 | Philologists,Translators And Interpreters | 977 | 763 | 1170 | 21 | 52 | 2983 | 185 | 164 | 156 | 9 | 3 | 517 |
| 136 | Personnel and Occupational Specialists | 145 | 1742 | 2067 | 1677 | 173 | 5804 | 10 | 202 | 160 | 75 | 12 | 459 |
| 137 | Labour, Social Welfare & Political Workers | 745 | 93167 | 230 | 3083 | 46606 | 143831 | 26 | 58823 | 56 | 1027 | 21744 | 81676 |
| 139 | Social Scientists and Related Workers,n.e.c. | 27 | 76 | 17 | 23 | 10 | 153 | 7 | 12 | 3 | 7 | 0 | 29 |
| 13 | SOCIAL SCIENTISTS AND RELATED WORKERS | 3559 | 104864 | 4258 | 5887 | 47407 | 165975 | 606 | 61535 | 642 | 1278 | 21861 | 85922 |
| 140 | Lawyers | 50 | 1355 | 56 | 128 | 27 | 1616 | 0 | 70 | 12 | 8 | 0 | 90 |
| 141 | Judges and Magistrates | 16 | 3885 | 20 | 22 | 3 | 3946 | 1 | 244 | 2 | 1 | 1 | 249 |
| 142 | Legal Assistants | 34 | 364 | 84 | 259 | 344 | 1085 | 3 | 39 | 6 | 42 | 43 | 133 |
| 149 | Jurists,n.e.c. | 21 | 4634 | 15 | 74 | 212 | 4956 | 2 | 252 | 2 | 5 | 1 | 262 |
| 14 | JURISTS | 121 | 10218 | 175 | 483 | 586 | 11583 | 6 | 588 | 22 | 56 | 45 | 717 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|-------|--------|-------|--------|--------|---------|------|--------|------|-------|--------|--------|
| 150 | Teachers, University and Colleges | 691 | 61979 | 1611 | 5957 | 607 | 70845 | 136 | 14953 | 275 | 922 | 180 | 16466 |
| 151 | Teachers, Higher Secondary & Secondary Schools | 7145 | 307253 | 8927 | 6359 | 39091 | 368775 | 2517 | 90218 | 4343 | 1429 | 9062 | 107569 |
| 152 | Teachers, Middle School | 1016 | 206750 | 1928 | 59394 | 60901 | 329989 | 485 | 78130 | 1127 | 11021 | 18097 | 108860 |
| 153 | Teachers, Primary | 1513 | 315023 | 3577 | 130017 | 240252 | 690382 | 841 | 93115 | 2456 | 23867 | 75786 | 196065 |
| 154 | Teachers, Pre-Primary | 133 | 9820 | 26 | 287 | 11137 | 21403 | 106 | 8453 | 23 | 259 | 4743 | 13584 |
| 155 | Teachers, Special Education | 2 | 826 | 3 | 12 | 0 | 843 | 0 | 127 | 2 | 9 | 0 | 138 |
| 156 | Teachers, Craft | 1154 | 31628 | 1324 | 1003 | 1587 | 36696 | 71 | 6545 | 491 | 151 | 693 | 7951 |
| 159 | Teachers, n.e.c. | 436 | 17038 | 738 | 253 | 1414 | 19879 | 110 | 5320 | 252 | 55 | 298 | 6035 |
| 15 | TEACHERS | 12090 | 950317 | 18134 | 203282 | 354989 | 1538812 | 4266 | 296861 | 8969 | 37713 | 108859 | 456668 |
| 160 | Poets, Authors and Critics | 4 | 30 | 2 | 183 | 0 | 219 | 0 | 4 | 0 | 0 | 0 | 4 |
| 161 | Editors and Journalists | 297 | 271 | 42 | 29 | 5 | 644 | 75 | 33 | 4 | 4 | 2 | 118 |
| 169 | Poets, Authors, Journalists and Related Workers,n.ec | 446 | 1025 | 186 | 120 | 44 | 1821 | 19 | 97 | 16 | 11 | 4 | 147 |
| 16 | POETS, AUTHORS, JOURNALISTS & RELATED WORKERS | 747 | 1326 | 230 | 332 | 49 | 2684 | 94 | 134 | 20 | 15 | 6 | 269 |
| 170 | Sculptors, Painters and Related Artists | 50 | 214 | 7 | 794 | 17 | 1082 | 4 | 36 | 0 | 0 | 16 | 56 |
| 171 | Commercial, Artists, Interior Decorators & Designers | 257 | 380 | 955 | 2517 | 6 | 4115 | 11 | 36 | 134 | 5 | 0 | 186 |
| 172 | Movie Camera Operators | 153 | 64 | 3 | 8 | 3 | 231 | 12 | 0 | 0 | 0 | 1 | 13 |
| 173 | Photographers, Other | 229 | 333 | 116 | 38 | 3 | 719 | 14 | 6 | 0 | 2 | 0 | 22 |
| 179 | Sculptors, Painters, Photographers & Related Creative Artists n.e.c. | 2 | 21 | 8 | 13 | 0 | 44 | 0 | 1 | 0 | 2 | 0 | 3 |
| 17 | SCULPTORS,PAINTERS,PHOTOGRAPHERS&RELATED CREATIVE ARTISTS | 691 | 1012 | 1089 | 3370 | 29 | 6191 | 41 | 79 | 134 | 9 | 17 | 280 |
| 180 | Composers, Musicians and Singers | 432 | 789 | 58 | 54 | 40 | 1373 | 47 | 200 | 24 | 6 | 9 | 286 |
| 181 | Choreographers and Dancers | 3 | 54 | 11 | 8 | 0 | 76 | 0 | 12 | 8 | 0 | 0 | 20 |
| 182 | Actors | 3 | 269 | 0 | 0 | 82 | 354 | 0 | 21 | 0 | 0 | 21 | 42 |
| 183 | Stage & Film Directors & Producers (PerformingArt) | 176 | 55 | 18 | 7 | 2 | 258 | 40 | 6 | 8 | 0 | 1 | 55 |
| 189 | Composers and Performing Artists,n.e.c. | 767 | 400 | 36 | 34 | 5 | 1242 | 190 | 260 | 12 | 3 | 5 | 470 |
| 18 | COMPOSERS AND PERFORMING ARTISTS | 1381 | 1567 | 123 | 103 | 129 | 3303 | 277 | 499 | 52 | 9 | 36 | 873 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|--------|---------|--------|--------|--------|---------|-------|--------|-------|-------|--------|--------|
| 190 | Ondained religious Workers | 1 | 118 | 2 | 14 | 6 | 141 | 0 | 5 | 0 | 0 | 0 | 5 |
| 191 | Non-ordained Religious Workers | 2 | 81 | 1 | 103 | 13 | 200 | 0 | 1 | 0 | 1 | 0 | 2 |
| 192 | Astrologers, Palmists and Related Workers | 39 | 30 | 0 | 0 | 0 | 69 | 2 | 0 | 0 | 0 | 0 | 2 |
| 193 | Athletes, Sportsmen and Related Workers | 335 | 23387 | 824 | 624 | 1678 | 26848 | 95 | 4745 | 203 | 55 | 207 | 5305 |
| 199 | Professional Workers n.e.c. | 2469 | 13911 | 1547 | 1061 | 316 | 19304 | 86 | 1306 | 127 | 50 | 42 | 1611 |
| 19 | PROFESSIONAL WORKERS,n.e.c. | 2846 | 37527 | 2374 | 1802 | 2013 | 46562 | 183 | 6057 | 330 | 106 | 249 | 6925 |
| 0&1 | PROFESSIONAL TECHNICAL AND RELATED WORKERS | 195272 | 1660169 | 144475 | 345229 | 482513 | 2827658 | 20869 | 503216 | 19612 | 46304 | 153394 | 743395 |
| 210 | Administrative & Executive Officials, Union Govt | 16798 | 0 | 0 | 0 | 0 | 16798 | 1047 | 0 | 0 | 0 | 0 | 1047 |
| 211 | Administrative & Excutive Officials, State Government | 0 | 90331 | 0 | 0 | 0 | 90331 | 0 | 5696 | 0 | 0 | 0 | 5696 |
| 212 | Administrative & Executive Officials, Quasi Government | 0 | 0 | 24144 | 22219 | 0 | 46363 | 0 | 0 | 1589 | 897 | 0 | 2486 |
| 213 | Administrative & Executive Officials, Local Bodies | 0 | 0 | 0 | 0 | 11297 | 11297 | 0 | 0 | 0 | 0 | 548 | 548 |
| 219 | Administrative&Executive Officials,Govt & Local Bodies,Other | 6 | 201 | 382 | 137 | 289 | 1015 | 0 | 20 | 51 | 20 | 16 | 107 |
| 21 | ADMINISTRATIVE & EXECUTIVE OFFICIALS, GOVLT&LOC BODI | 16804 | 90532 | 24526 | 22356 | 11586 | 165804 | 1047 | 5716 | 1640 | 917 | 564 | 9884 |
| 220 | Working Proprietor, Dirt Managers, Wholesale Trade | 19 | 108 | 1635 | 768 | 2 | 2532 | 0 | 4 | 90 | 40 | 0 | 134 |
| 221 | Working Proprietors Dirts & Managers, Retail Trade | 0 | 67 | 136 | 898 | 2 | 1103 | 0 | 8 | 10 | 17 | 0 | 35 |
| 229 | Working Prop Dir and Manager Wholsl & Rtl Trade | 0 | 0 | 14 | 45 | 4 | 63 | 0 | 0 | 1 | 1 | 0 | 2 |
| 22 | WORKING PROTS, DIRTS & MANAGERS, WHOLESALE & RETAIL TRADE | 19 | 175 | 1785 | 1711 | 8 | 3698 | 0 | 12 | 101 | 58 | 0 | 171 |
| 230 | Directors and Managers, Bank | 0 | 617 | 130703 | 16162 | 129 | 147611 | 0 | 27 | 6679 | 369 | 5 | 7080 |
| 231 | Directors and Managers, Insurance | 22 | 108 | 15398 | 49 | 0 | 15577 | 0 | 6 | 808 | 0 | 0 | 814 |
| 239 | Directors and Managers, Financial Institution n.e.c | 1 | 23 | 1253 | 2210 | 0 | 3487 | 0 | 1 | 73 | 109 | 0 | 183 |
| 23 | DIRECTORS AND MANAGERS, FINANCIAL INSTITUTIONS | 23 | 748 | 147354 | 18421 | 129 | 166675 | 0 | 34 | 7560 | 478 | 5 | 8077 |
| 240 | Working Proprietors, Directors & Managers, Mining, Quar | 23 | 25 | 1852 | 912 | 0 | 2812 | 1 | 0 | 21 | 3 | 0 | 25 |
| 241 | Working Proprietors, Directors & Managers, Construction | 19 | 155 | 264 | 260 | 17 | 715 | 2 | 2 | 2 | 7 | 0 | 13 |
| 242 | Working Proprietors, Directors & Managers, Electricity | 3 | 40 | 902 | 162 | 18 | 1125 | 0 | 1 | 4 | 2 | 0 | 7 |
| 243 | Working Proprietors, Dirs & Managers, Manufacturing | 949 | 225 | 14856 | 3734 | 12 | 19776 | 21 | 12 | 337 | 104 | 0 | 474 |
| 249 | Working Proprietors, Directors & Managers, Mining | 0 | 21 | 1819 | 17 | 4 | 1861 | 0 | 0 | 20 | 0 | 0 | 20 |
| 24 | WORKING PROPRIETORS, DIRECTOR & MANAGERS, MINING CONST | 994 | 466 | 19693 | 5085 | 51 | 26289 | 24 | 15 | 384 | 116 | 0 | 539 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|---|-------|--------|--------|-------|-------|--------|-------|-------|-------|------|------|-------|
| 250 | Working Prop Dir, Managers & Rtl Executives, Transpo | 1985 | 242 | 827 | 4210 | 10 | 7274 | 9 | 5 | 69 | 91 | 0 | 174 |
| 251 | Dirs, Managers & Rtl Executives, Communication | 6976 | 19 | 213 | 202 | 2 | 7412 | 586 | 2 | 23 | 18 | 0 | 629 |
| 252 | Working Prop Dirs, Managers & Rtl Executives, Storage | 106 | 15 | 2295 | 1305 | 1 | 3722 | 3 | 0 | 81 | 38 | 0 | 122 |
| 259 | Working Props Dirs, Managers & Rtl Executives, Tpt n.e.c. | 1 | 0 | 25 | 64 | 0 | 90 | 0 | 0 | 0 | 1 | 0 | 1 |
| 25 | WORKING PROP DIR MANAGER & RTL EXECUTIVES, TRANSPOR | 9068 | 276 | 3360 | 5781 | 13 | 18498 | 598 | 7 | 173 | 148 | 0 | 926 |
| 260 | Working Props, Dirs & Managers, Lodging & Catering Ser | 103 | 88 | 507 | 255 | 4 | 957 | 5 | 15 | 14 | 6 | 0 | 40 |
| 261 | Working Props, Dirs & Managers, Recreation & Entertai | 372 | 49 | 31 | 35 | 23 | 510 | 61 | 20 | 2 | 0 | 0 | 83 |
| 269 | Working Props, Dirs, Managers & Rtl Executives, Other | 553 | 1305 | 4117 | 1376 | 154 | 7505 | 43 | 154 | 233 | 56 | 7 | 493 |
| 26 | WORKING PROP DIRS & MANAGERS, OTHER SERVICES | 1028 | 1442 | 4655 | 1666 | 181 | 8972 | 109 | 189 | 249 | 62 | 7 | 616 |
| 299 | Administrative, Executive & Managerial Workers,n.e.c | 80 | 438 | 218 | 72 | 13 | 821 | 4 | 27 | 15 | 10 | 0 | 56 |
| 29 | ADMINISTRATIVE, EXECUTIVE & MANAGERIAL WORKERS,n.e.c | 80 | 438 | 218 | 72 | 13 | 821 | 4 | 27 | 15 | 10 | 0 | 56 |
| 2 | ADMINISTRATIVE EXECUTIVE AND MANAGERIAL WORKERS | 28016 | 94077 | 201591 | 55092 | 11981 | 390757 | 1782 | 6000 | 10122 | 1789 | 576 | 20269 |
| 300 | Clerical Supvr, Off. Supdt, Head Clerk, Sec Head | 27071 | 48817 | 17478 | 30479 | 8207 | 132052 | 2855 | 6432 | 2358 | 2061 | 1367 | 15073 |
| 301 | Other Supvr (Inspectors, etc) | 11525 | 53433 | 6344 | 15278 | 8237 | 94817 | 588 | 3412 | 278 | 862 | 177 | 5317 |
| 302 | Ministerial and Office Assistants | 43643 | 141487 | 66900 | 52352 | 18149 | 322531 | 7261 | 19577 | 13615 | 6173 | 2066 | 48692 |
| 309 | Clerical and Other Supervisors, n.e.c | 319 | 372 | 419 | 233 | 148 | 1491 | 36 | 21 | 0 | 6 | 8 | 71 |
| 30 | CLERICAL AND OTHER SUPERVISORS | 82558 | 244109 | 91141 | 98342 | 34741 | 550891 | 10740 | 29442 | 16251 | 9102 | 3618 | 69153 |
| 310 | Village Officials | 374 | 65883 | 313 | 770 | 11181 | 78521 | 22 | 818 | 36 | 65 | 436 | 1377 |
| 31 | Village Officials | 374 | 65883 | 313 | 770 | 11181 | 78521 | 22 | 818 | 36 | 65 | 436 | 1377 |
| 320 | Stenographers and Steno-Typists | 11385 | 22537 | 11196 | 8089 | 1472 | 54679 | 2982 | 5556 | 3332 | 1871 | 287 | 14028 |
| 321 | Typists | 4927 | 26876 | 12932 | 9283 | 3086 | 57104 | 789 | 10370 | 4672 | 2881 | 1021 | 19733 |
| 322 | Tele-Typists | 55 | 60 | 1166 | 34 | 5 | 1320 | 1 | 10 | 79 | 6 | 3 | 99 |
| 323 | Card & Tape punching Machine Operators | 850 | 309 | 571 | 78 | 143 | 1951 | 266 | 62 | 82 | 17 | 11 | 438 |
| 329 | Stenogh, Typ & Card & Tape Punching Operators n.e.c | 11 | 17 | 3 | 0 | 0 | 31 | 3 | 0 | 3 | 0 | 0 | 6 |
| 32 | STENOGRAPHERS TYPISTS AND CARD AND TAPE PUNCH OPRS. | 17228 | 49799 | 25868 | 17484 | 4706 | 115085 | 4041 | 15998 | 8168 | 4775 | 1322 | 34304 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|--------|--------|--------|--------|--------|---------|-------|-------|-------|-------|-------|--------|
| 330 | Book Keepers and Accounts Clerk | 6265 | 4680 | 216184 | 19663 | 670 | 247462 | 801 | 442 | 40480 | 1620 | 90 | 43433 |
| 331 | Cashiers | 903 | 1840 | 36709 | 15121 | 833 | 55406 | 77 | 118 | 5575 | 344 | 32 | 6146 |
| 339 | Bookkeepers, Cashiers & Related Workers,n.e.c. | 87 | 225 | 2076 | 144 | 39 | 2571 | 10 | 15 | 274 | 0 | 4 | 303 |
| 33 | BOOK KEEPERS CASHIERS AND RELATED WORKERS | 7255 | 6745 | 254969 | 34928 | 1542 | 305439 | 888 | 575 | 46329 | 1964 | 126 | 49882 |
| 340 | Book-keeping & Calculating Machine Operators | 910 | 2940 | 784 | 628 | 118 | 5380 | 216 | 367 | 142 | 58 | 15 | 798 |
| 341 | Automatic Data Processing Machine Operators | 516 | 352 | 1042 | 4707 | 24 | 6641 | 141 | 119 | 179 | 167 | 7 | 613 |
| 349 | Computing Machine Operators,n.e.c | 63 | 83 | 325 | 31 | 4 | 506 | 11 | 7 | 101 | 9 | 0 | 128 |
| 34 | COMPUTING MACHINE OPERATOR | 1489 | 3375 | 2151 | 5366 | 146 | 12527 | 368 | 493 | 422 | 234 | 22 | 1539 |
| 350 | Clerks, General | 121521 | 278922 | 59691 | 132666 | 68780 | 661580 | 17661 | 41055 | 8249 | 14118 | 7872 | 88955 |
| 351 | StoreKeeper and Related Workers | 15788 | 8305 | 10773 | 9801 | 1080 | 45747 | 455 | 748 | 406 | 238 | 302 | 2149 |
| 352 | Receptionists | 101 | 516 | 270 | 486 | 154 | 1527 | 15 | 66 | 79 | 83 | 4 | 247 |
| 353 | Library Clerk | 32 | 528 | 133 | 37 | 188 | 918 | 4 | 104 | 23 | 3 | 32 | 166 |
| 354 | Time Keepers | 771 | 1027 | 541 | 1423 | 561 | 4323 | 49 | 30 | 7 | 8 | 3 | 97 |
| 355 | Coder | 1 | 59 | 6 | 483 | 10 | 559 | 0 | 1 | 0 | 1 | 0 | 2 |
| 356 | Ticket Sellers | 2092 | 150 | 92 | 1444 | 12 | 3790 | 29 | 19 | 9 | 62 | 0 | 119 |
| 357 | Ticket Collectors, Checkers and Examiners | 3821 | 274 | 39 | 648 | 63 | 4845 | 25 | 17 | 2 | 7 | 0 | 51 |
| 358 | Office Attendants (Peons, Daftries etc) | 133606 | 407528 | 121036 | 112796 | 72687 | 847653 | 9204 | 45181 | 9669 | 11700 | 10306 | 86060 |
| 359 | Clerical & Relat Workers(incl Proof Readrs &Copy Holders | 2001 | 13208 | 3485 | 3705 | 9136 | 31535 | 104 | 269 | 211 | 83 | 272 | 939 |
| 35 | CLERICAL AND RELATED WORKERS, n.e.c | 279734 | 710517 | 196066 | 263489 | 152671 | 1602477 | 27546 | 87490 | 18655 | 26303 | 18791 | 178785 |
| 360 | Station Masters and Station Supt, Transport | 7021 | 314 | 244 | 603 | 40 | 8222 | 43 | 6 | 29 | 49 | 0 | 127 |
| 361 | Postmasters, Telegraphmasters and Other Supervisors | 57881 | 355 | 41 | 141 | 26 | 58444 | 3581 | 73 | 2 | 4 | 0 | 3660 |
| 369 | Transport & Communication Supervisors,n.e.c. | 16879 | 1093 | 1039 | 12351 | 164 | 31526 | 549 | 5 | 105 | 45 | 1 | 705 |
| 36 | TRANSPORT & COMMUNICATION SUPERVISORS | 81781 | 1762 | 1324 | 13095 | 230 | 98192 | 4173 | 84 | 136 | 98 | 1 | 4492 |
| 370 | Guard. and Brakersmen, Railway | 8309 | 22 | 11 | 41 | 0 | 8383 | 0 | 0 | 0 | 0 | 0 | 0 |
| 371 | Conductors, Transport | 8993 | 6969 | 4305 | 116901 | 1668 | 138836 | 83 | 79 | 11 | 186 | 6 | 365 |
| 379 | Transport Conductors and Guards, n.e.c | 4596 | 30 | 6 | 0 | 22 | 4654 | 191 | 8 | 0 | 0 | 0 | 199 |
| 37 | TRANSPORT CONDUCTORS AND GUARDS | 21898 | 7021 | 4322 | 116942 | 1690 | 151873 | 274 | 87 | 11 | 186 | 6 | 564 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|--------|---------|--------|--------|--------|---------|-------|--------|-------|-------|-------|--------|
| 380 | Postmen | 79835 | 0 | 0 | 0 | 0 | 0 | 3112 | 0 | 0 | 0 | 0 | 3112 |
| 381 | Messengers and Despatch Riders | 15899 | 4717 | 14023 | 3211 | 116 | 37966 | 1003 | 242 | 787 | 146 | 11 | 2189 |
| 389 | Mail Distributor and Related Workers, n.e.c | 53229 | 765 | 235 | 1708 | 5 | 55942 | 3530 | 73 | 2 | 35 | 0 | 3640 |
| 38 | MAIL DISTRIBUTORS AND RELATED WORKERS | 148963 | 5482 | 14258 | 4919 | 121 | 173743 | 7645 | 315 | 789 | 181 | 11 | 8941 |
| 390 | Telephone Operators | 15269 | 1054 | 1224 | 1020 | 516 | 19083 | 2625 | 137 | 391 | 232 | 260 | 3645 |
| 391 | Telegraphists and Signallers | 9567 | 278 | 343 | 120 | 56 | 10364 | 2693 | 7 | 6 | 7 | 0 | 2713 |
| 392 | Radio Communication and Wireless Operators | 1844 | 972 | 587 | 813 | 2 | 4218 | 188 | 8 | 19 | 16 | 0 | 231 |
| 399 | Telephone and Telegraph Operators, n.e.c. | 3250 | 152 | 246 | 161 | 3 | 3812 | 322 | 45 | 13 | 7 | 0 | 387 |
| 39 | TELEPHONE AND TELEGRAPH OPERATORS | 29930 | 2456 | 2400 | 2114 | 577 | 37477 | 5828 | 197 | 429 | 262 | 260 | 6976 |
| 3 | CLEARICAL AND RELATED WORKERS | 671210 | 1097149 | 592812 | 557449 | 207605 | 3126225 | 61525 | 135499 | 91226 | 43170 | 24593 | 356013 |
| 410 | Sales Supervisors | 133 | 695 | 6900 | 1911 | 987 | 10626 | 45 | 16 | 182 | 113 | 33 | 389 |
| 411 | Purchasing Agents | 71 | 32 | 348 | 220 | 4 | 675 | 9 | 0 | 24 | 10 | 0 | 43 |
| 412 | Selling Agents | 56 | 10 | 4 | 59 | 0 | 129 | 6 | 3 | 0 | 11 | 0 | 20 |
| 419 | Manufacturers Agents, n.e.c. | 6 | 0 | 11 | 47 | 0 | 64 | 0 | 0 | 0 | 1 | 0 | 1 |
| 41 | MANUFACTURERS AGENTS | 266 | 737 | 7263 | 2237 | 991 | 11494 | 60 | 19 | 206 | 135 | 33 | 453 |
| 420 | Technical Salesman and Service Advisors | 19 | 411 | 203 | 532 | 8 | 1173 | 0 | 5 | 6 | 11 | 3 | 25 |
| 421 | Commercial Travellers | 0 | 1 | 3 | 86 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 0 |
| 429 | Technical Salesmen & Commercial Travellers, n.e.c. | 18 | 6 | 63 | 402 | 6 | 495 | 1 | 1 | 3 | 143 | 0 | 148 |
| 42 | TECHNICAL SALESMEN AND COMMERCIAL TRAVELLERS | 37 | 418 | 269 | 1020 | 14 | 1758 | 1 | 6 | 9 | 154 | 3 | 173 |
| 430 | Salesmen, Shop Assistants And Demonstrators | 45 | 1044 | 878 | 16118 | 13 | 18098 | 7 | 108 | 72 | 979 | 0 | 1166 |
| 431 | Street Vendors, Canvassors and News Vendors | 591 | 147 | 39 | 1595 | 2 | 2374 | 4 | 21 | 2 | 104 | 0 | 131 |
| 439 | Salesmen, Shop Assistant & Related Workers, n.e.c. | 43 | 23 | 305 | 1220 | 64 | 1655 | 3 | 1 | 49 | 93 | 0 | 146 |
| 43 | SALESMEN, SHOP ASSISTANTS AND RELATED WORKERS | 679 | 1214 | 1222 | 18933 | 79 | 22127 | 14 | 130 | 123 | 1176 | 0 | 1443 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|---|-------|-------|-------|-------|--------|--------|------|-------|------|------|-------|-------|
| 440 | Agents and Salesmen, Insurance | 0 | 1 | 193 | 5 | 0 | 199 | 0 | 0 | 2 | 0 | 0 | 2 |
| 441 | Agents, Brokers and Salesmen, Real Estate | 0 | 2 | 33 | 29 | 0 | 64 | 0 | 2 | 0 | 2 | 0 | 4 |
| 442 | Agents and Brokers, Securities and Shares | 4 | 1 | 1 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 443 | Agents, Brokers & Salesmen, Adv & Oth Busi Service | 2 | 2 | 6 | 14 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 |
| 444 | Auctioneers | 0 | 0 | 3 | 170 | 4 | 177 | 0 | 0 | 0 | 4 | 1 | 5 |
| 445 | Valuers and Appraisers | 100 | 46 | 10 | 1001 | 37 | 1194 | 5 | 1 | 0 | 52 | 0 | 58 |
| 449 | Insur, Real Est, Secur & Busi Serv, Salem & Autr,n.ec | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | INSUR, REAL EST, SECUR & BUSIN SERV SALESMEN & AUCTS | 106 | 52 | 251 | 1219 | 41 | 1669 | 5 | 3 | 2 | 58 | 1 | 69 |
| 490 | Sales Workers, n.e.c. | 12 | 99 | 77 | 2620 | 9 | 2817 | 0 | 54 | 0 | 9 | 0 | 63 |
| 49 | SALES WORKERS, n.e.c. | 12 | 99 | 77 | 2620 | 9 | 2817 | 0 | 54 | 0 | 9 | 0 | 63 |
| 4 | SALES WORKERS | 1100 | 2520 | 9082 | 26029 | 1134 | 39865 | 80 | 212 | 340 | 1532 | 37 | 2201 |
| 510 | House Keepers, Matrons and Stewards | 286 | 19319 | 559 | 216 | 454 | 20834 | 30 | 15366 | 61 | 64 | 170 | 15691 |
| 51 | HOUSE KEPR MATR & STEWRS (DOMESTIC AND INSTITUTIO | 286 | 19319 | 559 | 216 | 454 | 20834 | 30 | 15366 | 61 | 64 | 170 | 15691 |
| 520 | Cooks and Cook Bearers | 7425 | 29185 | 2873 | 2890 | 38081 | 80454 | 175 | 15103 | 100 | 316 | 35304 | 50998 |
| 521 | Butlers, Bearers and Waiters | 1532 | 1061 | 1270 | 1206 | 200 | 5269 | 73 | 56 | 38 | 55 | 120 | 342 |
| 522 | Bartenders and Related Workers | 42 | 169 | 32 | 73 | 0 | 316 | 0 | 68 | 2 | 3 | 0 | 73 |
| 529 | Cooks, Waiters and Related Workers, n.e.c. | 759 | 387 | 349 | 319 | 400 | 2214 | 25 | 39 | 24 | 55 | 373 | 516 |
| 52 | COOKS WAITERS. BARTEN & RELATED WORKS(DOM &INST) | 9758 | 30802 | 4524 | 4488 | 38681 | 88253 | 273 | 15266 | 164 | 429 | 35797 | 51929 |
| 530 | Ayahs, Nurse, Maids | 82 | 30704 | 50 | 582 | 3148 | 34566 | 26 | 28256 | 29 | 345 | 2670 | 31326 |
| 539 | Maids and Related Housekeeping Service Workrs n.ec | 96 | 1190 | 612 | 185 | 180 | 2263 | 2 | 689 | 243 | 14 | 176 | 1124 |
| 53 | MAIDS& RELATED HOUSE KEEPING SERVICES WORKERS nec | 178 | 31894 | 662 | 767 | 3328 | 36829 | 28 | 28945 | 272 | 359 | 2846 | 32450 |
| 540 | Building Caretakers | 1094 | 1267 | 173 | 329 | 79 | 2942 | 57 | 205 | 16 | 28 | 3 | 309 |
| 541 | Sweepers, Cleaners and Related Workers | 48872 | 56341 | 23411 | 16399 | 170013 | 315036 | 7379 | 15332 | 6421 | 4425 | 59499 | 93056 |
| 542 | Waterman | 4392 | 5986 | 536 | 1370 | 4132 | 16416 | 670 | 743 | 111 | 205 | 634 | 2363 |
| 549 | Buildg Caretakers, Sweepers, Cleaners & Reld Workers | 0 | 10 | 3 | 0 | 2 | 15 | 0 | 1 | 0 | 0 | 0 | 1 |
| 54 | BUILDING CARETAKERS, SWEEPERS CLEANER & RELD WORKR | 54358 | 63604 | 24123 | 18098 | 174226 | 334409 | 8106 | 16281 | 6548 | 4658 | 60136 | 95729 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|---|--------|--------|-------|-------|--------|---------|------|-------|------|------|-------|--------|
| 550 | Laundrymen, Washermen and Dhobis | 1964 | 1855 | 56 | 158 | 270 | 4303 | 31 | 210 | 5 | 23 | 11 | 280 |
| 551 | Dry Cleaners and Pressers | 1 | 23 | 28 | 13 | 138 | 203 | 0 | 0 | 0 | 0 | 75 | 75 |
| 559 | Launderers, Dry Cleaners and Pressers, n.e.c | 20 | 0 | 1 | 0 | 3 | 24 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | LAUNDERERS, DRYCLEANERS AND PRESSERS | 1985 | 1878 | 85 | 171 | 411 | 4530 | 31 | 210 | 5 | 23 | 86 | 355 |
| 560 | Hair Dressers, Barbers, Beauticians & Related workers | 1161 | 770 | 29 | 8 | 2 | 1970 | 14 | 10 | 2 | 1 | 0 | 27 |
| 56 | HAIR DRESSERS, BARBERS, BEAUTICIANS & RELT WORKERS | 1161 | 770 | 29 | 8 | 2 | 1970 | 14 | 10 | 2 | 1 | 0 | 27 |
| 570 | Fire Fighters | 4406 | 11682 | 2367 | 1092 | 3447 | 22994 | 5 | 2760 | 4 | 13 | 161 | 2943 |
| 571 | Policemen and Detectives | 24172 | 410383 | 512 | 2229 | 196 | 437492 | 268 | 6516 | 6 | 39 | 6 | 6835 |
| 572 | Customs Examiners Patrollers & Related Workers | 6771 | 13446 | 197 | 89 | 60 | 20563 | 321 | 159 | 19 | 0 | 1 | 500 |
| 573 | Protection Force, Home Guards and Security Workers | 3007 | 20896 | 2351 | 2536 | 101 | 28891 | 26 | 730 | 14 | 20 | 0 | 790 |
| 574 | Watchmen, Chowkidars and Gate Keepers | 24943 | 75325 | 33162 | 39458 | 15944 | 188832 | 447 | 3169 | 421 | 524 | 744 | 5305 |
| 579 | Protective Service Workers, n.e.c. | 853 | 3633 | 20 | 48 | 4 | 4558 | 2 | 25 | 0 | 0 | 0 | 27 |
| 57 | PROTECTIVE SERVICE WORKERS | 64152 | 535365 | 38609 | 45452 | 19752 | 703330 | 1069 | 13359 | 464 | 596 | 912 | 16400 |
| 590 | Guides | 59 | 336 | 5 | 111 | 2 | 513 | 0 | 194 | 2 | 4 | 1 | 201 |
| 591 | Undertakers And Embalmers | 1 | 226 | 1 | 2 | 1 | 231 | 0 | 38 | 0 | 0 | 0 | 38 |
| 599 | Service Workers,n.e.c. | 2456 | 201 | 234 | 41 | 0 | 2932 | 2 | 4 | 1 | 3 | 0 | 10 |
| 59 | SERVICE WORKERS, n.e.c. | 2516 | 763 | 240 | 154 | 3 | 3676 | 2 | 236 | 3 | 7 | 1 | 249 |
| 5 | SERVICE WORKERS | 134394 | 684395 | 68831 | 69354 | 236857 | 1193831 | 9553 | 89673 | 7519 | 6137 | 99948 | 212830 |
| 600 | Farm Managers and Supervisors, Crop Production | 947 | 20626 | 1486 | 3360 | 1652 | 28071 | 46 | 569 | 395 | 529 | 6 | 1545 |
| 601 | Manager, Plantation | 10 | 738 | 7 | 543 | 8 | 1306 | 1 | 17 | 0 | 2 | 0 | 20 |
| 602 | Farm Managers, Horticulture | 1011 | 952 | 6 | 13 | 13 | 1995 | 1 | 7 | 0 | 0 | 0 | 8 |
| 603 | Farm Manager, Livestock Farm | 1 | 1438 | 40 | 42 | 1142 | 2663 | 0 | 42 | 9 | 1 | 1 | 53 |
| 604 | Farm Manager, Dairy Farm | 40 | 579 | 61 | 656 | 0 | 1336 | 0 | 2 | 0 | 37 | 0 | 39 |
| 605 | Farm Manager, Poultry Farm | 6 | 98 | 0 | 2 | 0 | 106 | 0 | 1 | 0 | 0 | 0 | 1 |
| 609 | Farm Managers and Supervisors, n.e.c. | 88 | 857 | 145 | 485 | 107 | 1682 | 8 | 47 | 8 | 10 | 0 | 73 |
| 60 | FARM, PLANTATION, DAIRY, OTHER MANAGERS & SUPERVISORS | 2103 | 25288 | 1745 | 5101 | 2922 | 37159 | 56 | 685 | 412 | 579 | 7 | 1739 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|------|-------|------|------|------|-------|-----|------|-----|------|-----|------|
| 620 | Planters | 11 | 714 | 4 | 44 | 1 | 774 | 0 | 9 | 1 | 0 | 0 | 10 |
| 621 | Livestock Farmers | 108 | 60 | 0 | 14 | 4 | 186 | 26 | 2 | 0 | 0 | 0 | 28 |
| 622 | Dairy Farmers | 53 | 170 | 1 | 18 | 0 | 242 | 1 | 5 | 0 | 2 | 0 | 8 |
| 623 | Poultry Farmers | 4 | 53 | 0 | 44 | 0 | 101 | 0 | 11 | 0 | 7 | 0 | 18 |
| 624 | Insect Rearers | 58 | 1618 | 59 | 51 | 3 | 1789 | 2 | 202 | 3 | 4 | 0 | 211 |
| 625 | Orchard, Vineyard and Related Workers | 0 | 24 | 0 | 0 | 2 | 26 | 0 | 2 | 0 | 0 | 0 | 2 |
| 629 | Farmers, Other than Cultivators, n.e.c. | 39 | 24 | 0 | 4 | 4 | 71 | 2 | 1 | 0 | 0 | 0 | 3 |
| 62 | FARMERS, OTHER THAN CULTIVATORS | 273 | 2663 | 64 | 175 | 14 | 3189 | 31 | 232 | 4 | 13 | 0 | 280 |
| 630 | Agricultural Labourers | 773 | 7635 | 1108 | 778 | 393 | 10687 | 12 | 519 | 40 | 290 | 270 | 1131 |
| 63 | AGRICULTURAL LABOURERS | 773 | 7635 | 1108 | 778 | 393 | 10687 | 12 | 519 | 40 | 290 | 270 | 1131 |
| 640 | Plantation Labourers | 29 | 2325 | 29 | 2368 | 446 | 5197 | 0 | 21 | 2 | 1248 | 141 | 1412 |
| 641 | Tappers, (Palm, Rubber Trees, etc.) | 0 | 38 | 63 | 5680 | 0 | 5781 | 0 | 0 | 14 | 2741 | 0 | 2755 |
| 649 | Plantation Labourers and Related Workers, n.e.c. | 174 | 408 | 241 | 47 | 0 | 870 | 2 | 3 | 51 | 0 | 0 | 56 |
| 64 | PLANTATION LABOURERS AND RELATED WORKERS | 203 | 2771 | 333 | 8095 | 446 | 11848 | 2 | 24 | 67 | 3989 | 141 | 4223 |
| 650 | Farm Machinery Operators | 352 | 1691 | 421 | 548 | 324 | 3336 | 11 | 18 | 211 | 63 | 0 | 303 |
| 651 | Farm Workers, Animal, Birds and Insect Rearing | 1228 | 8306 | 213 | 3425 | 189 | 13361 | 47 | 143 | 3 | 129 | 0 | 322 |
| 652 | Gardeners and Nursery Workers | 4690 | 17368 | 1569 | 3138 | 5345 | 32110 | 172 | 1087 | 151 | 219 | 469 | 2098 |
| 659 | Other Farm Workers, n.e.c. | 520 | 2248 | 4 | 79 | 108 | 2959 | 11 | 57 | 1 | 0 | 4 | 73 |
| 65 | OTHER FARM WORKERS | 6790 | 29613 | 2207 | 7190 | 5966 | 51766 | 241 | 1305 | 366 | 411 | 473 | 2796 |
| 660 | Foresters and Related Workers | 52 | 61983 | 49 | 3043 | 102 | 65229 | 1 | 292 | 4 | 17 | 0 | 314 |
| 661 | Harvestrs & Gatherers of Forest Prodt Incl Lac(E.L | 2 | 12 | 2 | 5 | 0 | 21 | 0 | 2 | 0 | 0 | 0 | 2 |
| 662 | Log Fellers and Wood Cutters | 3 | 90 | 21 | 10 | 0 | 124 | 0 | 1 | 0 | 0 | 0 | 1 |
| 663 | Charcoal Burners & Forest Product Processors | 0 | 17 | 13 | 9 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| 669 | Loggers and Other Forestry Workers, n.e.c. | 0 | 130 | 0 | 177 | 0 | 307 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | FORESTRY WORKERS | 57 | 62232 | 85 | 3244 | 102 | 65720 | 1 | 295 | 4 | 17 | 0 | 317 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|-------|--------|-------|-------|------|--------|-----|------|------|------|-----|-------|
| 670 | Hunters | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 671 | Trappers | 1 | 10 | 1 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 679 | Hunters and Related Workers, n.e.c. | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | HUNTERS AND RELATED WORKERS | 1 | 13 | 1 | 0 | 3 | 18 | 0 | 0 | 0 | 0 | 0 | 0 |
| 680 | Fishermen, Deep Sea | 19 | 150 | 0 | 16 | 0 | 185 | 0 | 0 | 0 | 0 | 0 | 0 |
| 681 | Fishermen, Inland and Coastal Waters | 0 | 989 | 4 | 99 | 0 | 1092 | 0 | 11 | 0 | 0 | 0 | 11 |
| 682 | Conch & Shell Gatherers Sponge & Pearl Divers | 2 | 18 | 5 | 1 | 0 | 26 | 0 | 2 | 0 | 0 | 0 | 2 |
| 689 | Fishermen and Related Workers, n.e.c | 331 | 4054 | 408 | 585 | 5 | 5383 | 15 | 148 | 0 | 59 | 0 | 222 |
| 68 | FISHERMEN AND RELATED WORKERS | 352 | 5211 | 417 | 701 | 5 | 6686 | 15 | 161 | 0 | 59 | 0 | 235 |
| 6 | FARMERS, FISHERMEN, HUNTERS LOGGERS AND RELATED WORKERS | 10552 | 135426 | 5960 | 25284 | 9851 | 187073 | 358 | 3221 | 893 | 5358 | 891 | 10721 |
| 710 | Suprs and Foremen, Mining Quarrying Well Drill and Relt.acti | 165 | 170 | 9608 | 3732 | 0 | 13575 | 2 | 0 | 14 | 37 | 0 | 53 |
| 711 | Miners | 10 | 34 | 5700 | 13845 | 4 | 19593 | 0 | 2 | 244 | 0 | 0 | 246 |
| 712 | Quarrymen | 0 | 25 | 544 | 214 | 2 | 785 | 0 | 2 | 9 | 1 | 0 | 12 |
| 713 | Drillers, Mines and Quarries | 111 | 711 | 2871 | 626 | 46 | 4365 | 19 | 0 | 202 | 3 | 0 | 224 |
| 714 | Shot Firers | 92 | 89 | 1246 | 3022 | 70 | 4519 | 0 | 0 | 11 | 7 | 0 | 18 |
| 715 | Miners and Quarrymen, Other | 638 | 80 | 16643 | 21958 | 122 | 39441 | 0 | 2 | 722 | 223 | 6 | 953 |
| 716 | Well Drillers, Petroleum and Gas | 8 | 314 | 232 | 188 | 18 | 760 | 0 | 0 | 0 | 8 | 0 | 8 |
| 717 | Well Drillers, Other than Petroleum and Gas | 177 | 802 | 78 | 25 | 13 | 1095 | 4 | 0 | 0 | 0 | 0 | 4 |
| 718 | Mineral Treaters | 21 | 4 | 199 | 503 | 14 | 741 | 0 | 0 | 3 | 3 | 0 | 6 |
| 719 | Miners, Quarrymen & Related Workers, n.e.c. | 2 | 27 | 10375 | 1734 | 0 | 12138 | 0 | 0 | 1047 | 112 | 0 | 1159 |
| 71 | MINERS, QUARRYMEN WELL DRILLERS & RELATED WORKERS | 1124 | 2256 | 47496 | 45847 | 289 | 97012 | 25 | 6 | 2252 | 394 | 6 | 2683 |
| 720 | Supervisor & Foremen, Metal Smeltg Converting Refin | 395 | 234 | 4644 | 1405 | 125 | 6803 | 3 | 2 | 74 | 34 | 4 | 117 |
| 721 | Metal Smelting, Converting & Refining Furnacemen | 98 | 42 | 3357 | 89 | 0 | 3586 | 0 | 1 | 11 | 0 | 0 | 12 |
| 722 | Metal Rolling Mill Workers | 348 | 25 | 3996 | 163 | 0 | 4532 | 2 | 3 | 8 | 36 | 0 | 49 |
| 723 | Metal Melters and Reheaters | 595 | 25 | 1974 | 193 | 0 | 2787 | 0 | 0 | 22 | 0 | 0 | 22 |
| 724 | Metal Casters | 23 | 11 | 907 | 181 | 28 | 1150 | 0 | 0 | 2 | 0 | 6 | 8 |
| 725 | Metal Moulders and Core Makers | 656 | 110 | 1075 | 832 | 3 | 2676 | 4 | 4 | 0 | 3 | 0 | 11 |
| 726 | Metal Annealers, Temperers and Case Hardeners | 42 | 10 | 2773 | 128 | 0 | 2953 | 2 | 0 | 0 | 0 | 0 | 2 |
| 727 | Metal Drawers and Extruders | 192 | 46 | 369 | 11 | 1 | 619 | 12 | 6 | 5 | 0 | 0 | 23 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|---|------|------|-------|-------|-----|-------|-----|-----|------|------|----|------|
| 728 | Metal Platers and Coaters | 378 | 551 | 381 | 76 | 72 | 1458 | 19 | 36 | 17 | 3 | 1 | 76 |
| 729 | Metal Processors, n.ec. | 34 | 13 | 13413 | 60 | 4 | 13524 | 0 | 0 | 911 | 0 | 0 | 911 |
| 72 | METAL PROCESSORS | 2761 | 1067 | 32889 | 3138 | 233 | 40088 | 42 | 52 | 1050 | 76 | 11 | 1231 |
| 730 | Sups & Foremen Wood Preparation and Paper Making | 41 | 40 | 136 | 514 | 0 | 731 | 0 | 0 | 1 | 5 | 0 | 6 |
| 731 | Wood Treaters | 4 | 1 | 10 | 39 | 0 | 54 | 1 | 0 | 0 | 0 | 0 | 1 |
| 732 | Sawyers, Plywood Makers & Related Wood Process Work | 83 | 3 | 22 | 577 | 0 | 685 | 1 | 0 | 0 | 30 | 0 | 31 |
| 733 | Paper Pulp Preparers | 381 | 174 | 233 | 533 | 139 | 1460 | 1 | 0 | 4 | 0 | 3 | 8 |
| 734 | Paper Makers | 416 | 22 | 869 | 791 | 1 | 2099 | 4 | 0 | 6 | 11 | 0 | 21 |
| 739 | Wood Preparation and Paper Making Workers n.e.c | 0 | 1 | 86 | 9 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 | WOOD PREPARATION WORKERS AND PAPER MAKERS | 925 | 241 | 1356 | 2463 | 140 | 5125 | 7 | 0 | 11 | 46 | 3 | 67 |
| 740 | Supervisors & Foremen, Chemical Processing & Related Acti | 688 | 14 | 1858 | 273 | 0 | 2833 | 17 | 1 | 28 | 1 | 0 | 47 |
| 741 | Crushers, Grinders and Mixers | 57 | 56 | 312 | 445 | 7 | 877 | 5 | 4 | 4 | 0 | 0 | 13 |
| 742 | Cookers, Roasters and Related Heat Treaters | 1 | 11 | 141 | 125 | 0 | 278 | 0 | 1 | 5 | 2 | 0 | 8 |
| 743 | Filter and Separator Operator | 4 | 42 | 23 | 153 | 93 | 315 | 0 | 0 | 0 | 0 | 3 | 3 |
| 744 | Still and Reactor Operators | 0 | 18 | 62 | 108 | 0 | 188 | 0 | 1 | 0 | 0 | 0 | 1 |
| 745 | Petroleum Refining Workers, | 5 | 11 | 1506 | 145 | 0 | 1667 | 0 | 0 | 2 | 1 | 0 | 3 |
| 749 | Chemical Processors and Related Workers, n.e.c. | 3589 | 465 | 4105 | 1150 | 17 | 9326 | 204 | 2 | 42 | 15 | 0 | 263 |
| 74 | CHEMICAL PROCESSORS AND RELATED WORKERS | 4344 | 617 | 8007 | 2399 | 117 | 15484 | 226 | 9 | 81 | 19 | 3 | 338 |
| 750 | Sups& Foremen Spinning, Weaving, Knitting Dyeing & Related Processors | 267 | 129 | 1853 | 1488 | 0 | 3737 | 7 | 3 | 32 | 23 | 0 | 65 |
| 751 | Fibre Preparers | 211 | 267 | 2460 | 4157 | 5 | 7100 | 7 | 46 | 44 | 211 | 0 | 308 |
| 752 | Spinners and Winders | 24 | 699 | 6209 | 29054 | 3 | 35989 | 1 | 363 | 272 | 2144 | 0 | 2780 |
| 753 | Wrappers and Sizers | 18 | 14 | 206 | 778 | 21 | 1037 | 2 | 0 | 3 | 83 | 0 | 88 |
| 754 | Weaving & Knitting Mach Setters & Pattern Card Pre | 1029 | 36 | 802 | 323 | 0 | 2190 | 1 | 0 | 12 | 15 | 0 | 28 |
| 755 | Weavers and Related Workers | 106 | 322 | 2209 | 5706 | 11 | 8354 | 2 | 27 | 65 | 251 | 0 | 345 |
| 756 | Carpet Makers and Finishers | 6 | 14 | 36 | 282 | 0 | 338 | 0 | 3 | 0 | 151 | 0 | 154 |
| 757 | Knitters | 2 | 17 | 444 | 328 | 0 | 791 | 0 | 14 | 10 | 62 | 0 | 86 |
| 758 | Bleachers Dyers and Textile Product Finishers | 140 | 101 | 2653 | 1076 | 0 | 3970 | 0 | 1 | 43 | 28 | 0 | 72 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|---|------|------|-------|-------|----|-------|-----|-----|-----|-------|----|-------|
| 759 | SPINNERS WEAVERS, KNITTERS, DYERS & RELD WORKS n.e.c | 32 | 69 | 2317 | 449 | 0 | 2867 | 2 | 6 | 90 | 17 | 0 | 115 |
| 75 | SPINNERS, WEAVERS, KNITTING DYERS AND RELATED WORKR | 1835 | 1668 | 19189 | 43641 | 40 | 66373 | 22 | 463 | 571 | 2985 | 0 | 4041 |
| 760 | Supervisors& Foremen Tanning & Pelt Dressing | 0 | 12 | 19 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| 761 | Tanners and Fellmongers | 6 | 121 | 7 | 135 | 1 | 270 | 0 | 10 | 0 | 14 | 0 | 24 |
| 762 | Pelt Dressers | 0 | 37 | 3 | 14 | 3 | 57 | 0 | 2 | 0 | 0 | 0 | 2 |
| 769 | Fellmongers and Pelt Dressers, n.e.c. | 0 | 0 | 1 | 2 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 2 |
| 76 | TANNERS, FELLMONGERS AND PELT DRESSERS | 6 | 170 | 30 | 151 | 4 | 361 | 0 | 12 | 0 | 16 | 0 | 28 |
| 770 | Supervisors & Foremen, Food & Beverage Processing | 39 | 230 | 346 | 959 | 5 | 1579 | 0 | 81 | 6 | 22 | 0 | 109 |
| 771 | Grain Millers, Parchers and Related Workers | 1063 | 44 | 46 | 344 | 0 | 1497 | 0 | 3 | 5 | 6 | 0 | 14 |
| 772 | Crushers and Pressers, Oil Seeds | 0 | 6 | 231 | 275 | 6 | 518 | 0 | 1 | 10 | 5 | 0 | 16 |
| 773 | Khandsari, Sugar and Gur Makers | 2040 | 474 | 2410 | 4882 | 23 | 9829 | 42 | 22 | 136 | 175 | 1 | 376 |
| 774 | Butchers and Meat Prepares | 5 | 6 | 1 | 47 | 1 | 60 | 2 | 0 | 0 | 2 | 0 | 4 |
| 775 | Food Preservers and Canners | 67 | 151 | 144 | 17450 | 21 | 17833 | 1 | 6 | 10 | 13054 | 0 | 13071 |
| 776 | Dairy Product Processors | 9 | 309 | 247 | 2833 | 0 | 3398 | 0 | 9 | 0 | 123 | 0 | 132 |
| 777 | Bakers,Confect,Candy & Sweet Meat Maker,Oth Food P | 17 | 54 | 852 | 62 | 0 | 985 | 0 | 2 | 9 | 3 | 0 | 14 |
| 778 | Tea,Coffee & Cocoa Prepares | 47 | 10 | 41 | 757 | 0 | 855 | 1 | 0 | 8 | 176 | 0 | 185 |
| 779 | Brewers & Aerated Water & Beverage Makers | 18 | 33 | 118 | 332 | 18 | 519 | 2 | 10 | 12 | 20 | 0 | 44 |
| 77 | FOOD AND BEVERAGE PROCESSORS | 3305 | 1317 | 4436 | 27941 | 74 | 37073 | 48 | 134 | 196 | 13586 | 1 | 13965 |
| 790 | Sups & Foremen Tailoring,Dress Making sewing & Upholstery | 489 | 18 | 46 | 115 | 0 | 668 | 1 | 3 | 0 | 4 | 0 | 8 |
| 791 | Tailors and Dress Makers | 8882 | 691 | 42 | 1387 | 12 | 11014 | 218 | 270 | 1 | 801 | 8 | 1298 |
| 792 | Fur Tailors and Related Workers | 1 | 10 | 0 | 7 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| 793 | Milliners, Hat and Cap Makers | 1 | 1 | 23 | 4 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| 794 | Pattern Makers and Cutters | 14 | 22 | 56 | 12 | 0 | 104 | 0 | 3 | 2 | 0 | 0 | 5 |
| 795 | Sewers and Embroiders | 7 | 13 | 491 | 59 | 1 | 571 | 0 | 2 | 43 | 17 | 0 | 62 |
| 796 | Upholsterers and Related Workers | 122 | 99 | 10 | 467 | 4 | 702 | 6 | 1 | 0 | 0 | 0 | 7 |
| 799 | Tailor,Dressmakr,Sewers,upholstr & Relt Works nec | 120 | 13 | 61 | 45 | 1 | 240 | 10 | 2 | 0 | 0 | 0 | 12 |
| 79 | TAILORS,DRESS MAKERS,SEWERS,UPHOLSTERERS & RET WOR | 9636 | 867 | 729 | 2096 | 19 | 13347 | 235 | 281 | 46 | 822 | 8 | 1392 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|-------|------|-------|-------|------|-------|----|----|------|-----|-----|------|
| 800 | Supervisor & Foremen,Shoe & Leather Goods Making | 14 | 30 | 8 | 119 | 5 | 176 | 0 | 3 | 1 | 6 | 2 | 12 |
| 801 | Shoe Makers& Shoe Repairers | 608 | 262 | 21 | 59 | 6 | 956 | 41 | 12 | 0 | 0 | 0 | 53 |
| 802 | Shoe Cutters,Lasters,Sewers and Related Workers | 10 | 50 | 144 | 783 | 7 | 994 | 0 | 2 | 24 | 13 | 0 | 39 |
| 803 | Harness and Saddle Makers | 38 | 14 | 0 | 34 | 2 | 88 | 0 | 0 | 0 | 0 | 1 | 1 |
| 809 | Leather,Cutter,Lasters & Sewers & Reld Worker n.ec | 30 | 40 | 0 | 28 | 0 | 98 | 0 | 3 | 0 | 4 | 0 | 7 |
| 80 | SHOEMAKERS AND LEATHER GOODS MAKERS | 700 | 396 | 173 | 1023 | 20 | 2312 | 41 | 20 | 25 | 23 | 3 | 112 |
| 810 | Supr & Foremen carp, Cabinet Mkg & Reld Wood work Pro | 46 | 32 | 62 | 27 | 11 | 178 | 0 | 0 | 0 | 0 | 0 | 0 |
| 811 | Carpenters | 5165 | 2087 | 1945 | 2810 | 427 | 12434 | 16 | 15 | 1 | 24 | 1 | 57 |
| 812 | Cabinet Makers | 26 | 3 | 0 | 10 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| 813 | Wood Working Machine Operators | 118 | 73 | 83 | 222 | 20 | 516 | 0 | 4 | 0 | 3 | 0 | 7 |
| 814 | Cart Builders and Wheel Wrights | 0 | 19 | 1 | 11 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| 815 | Coach and Body Builders | 46 | 24 | 0 | 1582 | 10 | 1662 | 0 | 0 | 0 | 0 | 0 | 0 |
| 816 | Shipwrights and Boat Builders | 28 | 72 | 114 | 188 | 5 | 407 | 0 | 0 | 0 | 0 | 0 | 0 |
| 819 | Carpenter,Cabinet Makers & Related Workers,n.e.c. | 44 | 24 | 32 | 90 | 10 | 200 | 0 | 0 | 0 | 0 | 1 | 1 |
| 81 | CARPENTERS,CABINET AND RELATED WOOD WORKERS | 5473 | 2334 | 2237 | 4940 | 483 | 15467 | 16 | 19 | 1 | 27 | 2 | 65 |
| 820 | Supervisors & Foremen Stone Cutting & Carving | 20 | 1 | 12 | 7 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 |
| 821 | Stone Cutters and Carvers | 58 | 114 | 59 | 28 | 7 | 266 | 0 | 6 | 3 | 1 | 0 | 10 |
| 829 | Stone Cutters and Carvers, n.e.c. | 22 | 0 | 60 | 0 | 0 | 82 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82 | STONE CUTTERS AND CARVERS | 100 | 115 | 131 | 35 | 7 | 388 | 0 | 6 | 3 | 1 | 0 | 10 |
| 830 | Sups& Foremen Blacksmithy,Tool Making Mach.Tools Operaters | 159 | 116 | 491 | 235 | 9 | 1010 | 1 | 0 | 15 | 1 | 0 | 17 |
| 831 | Blacksmiths,Hammersmiths & Forging Press Operators | 3650 | 1327 | 881 | 3156 | 366 | 9380 | 3 | 22 | 27 | 4 | 104 | 160 |
| 832 | Metal Markers | 76 | 64 | 110 | 55 | 4 | 309 | 0 | 2 | 3 | 0 | 0 | 5 |
| 833 | Tool Makers and Metal Pattern Makers | 425 | 353 | 830 | 542 | 3 | 2153 | 0 | 0 | 13 | 0 | 0 | 13 |
| 834 | Machine Tool Setters | 76 | 13 | 41 | 10 | 0 | 140 | 5 | 1 | 0 | 0 | 0 | 6 |
| 835 | Machine Tool Operators | 8469 | 2393 | 16147 | 7238 | 1097 | 35344 | 49 | 13 | 1515 | 153 | 82 | 1812 |
| 836 | Metal Grinders, Polishers and Tool Sharpeners | 798 | 24 | 930 | 334 | 0 | 2086 | 0 | 1 | 0 | 8 | 0 | 9 |
| 839 | Blacksmiths,Toolmakers,Machine Tool Operator,n.e.c | 2278 | 136 | 438 | 127 | 7 | 2986 | 17 | 1 | 4 | 3 | 0 | 25 |
| 83 | BLACKSMITHS,TOOL-MAKERS AND MACHINE TOOL OPERATORS | 15931 | 4426 | 19868 | 11697 | 1486 | 53408 | 75 | 40 | 1577 | 169 | 186 | 2047 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|---|-------|-------|-------|--------|-------|--------|-----|-----|-----|------|-----|------|
| 840 | Supr & Foremen Mach Fts, Assmb, Rep & Pre | 14941 | 533 | 6412 | 1772 | 29 | 23687 | 44 | 9 | 55 | 9 | 1 | 118 |
| 841 | Watch,Clock & Precision Instru Makers(Expt Elect) | 1048 | 1231 | 2035 | 1734 | 281 | 6329 | 67 | 115 | 74 | 298 | 53 | 607 |
| 842 | Machinery Fitters and Machine Assemblers | 23507 | 8816 | 16131 | 18492 | 1955 | 68901 | 86 | 19 | 111 | 55 | 28 | 299 |
| 843 | Motor Vehicle Mechanics | 4127 | 4461 | 4753 | 27702 | 692 | 41735 | 7 | 23 | 60 | 236 | 45 | 371 |
| 844 | Aircraft Engine Mechanics | 281 | 150 | 1811 | 590 | 0 | 2832 | 28 | 19 | 202 | 5 | 0 | 254 |
| 845 | Mechanics, Repairmen, Other | 11815 | 5761 | 14116 | 13234 | 2146 | 47072 | 79 | 54 | 52 | 79 | 64 | 328 |
| 849 | Mach Fittr,Mach Assemb & Preci Instru Makr(E.E)nec | 1897 | 181 | 1412 | 56 | 13 | 3559 | 9 | 7 | 4 | 0 | 0 | 20 |
| 84 | MACHINERY FITTERS MACH ASSEMB & PREC INST MAK(E,E) | 57616 | 21133 | 46670 | 63580 | 5116 | 194115 | 320 | 246 | 558 | 682 | 191 | 1997 |
| 850 | Sup & Forem Elect & Electro Eqp Ftg.Assemb. | 6859 | 676 | 4279 | 13246 | 1562 | 26622 | 142 | 52 | 372 | 58 | 5 | 629 |
| 851 | Electricians,Electrical Fitters and Related Workers | 19076 | 7952 | 14233 | 56528 | 5189 | 102978 | 181 | 513 | 32 | 271 | 20 | 1017 |
| 852 | Electronics Fitters | 520 | 110 | 2690 | 1431 | 13 | 4764 | 4 | 5 | 24 | 324 | 0 | 357 |
| 853 | Electrical and Electronic Equipment Assemblers | 1417 | 106 | 1245 | 1034 | 71 | 3873 | 9 | 0 | 51 | 103 | 0 | 163 |
| 854 | Radio Television Mechanics and Repairmen | 857 | 1614 | 1300 | 3996 | 24 | 7791 | 22 | 37 | 240 | 750 | 0 | 1049 |
| 855 | Electrical Wiremen | 4122 | 2152 | 3276 | 17132 | 1140 | 27822 | 52 | 12 | 219 | 129 | 2 | 414 |
| 856 | Telephone and Telegraph Installers and Repairmen | 9381 | 84 | 221 | 631 | 3 | 10320 | 481 | 0 | 1 | 3 | 0 | 485 |
| 857 | Electric Linemen and Cable Jointers | 11795 | 3199 | 3102 | 79888 | 11249 | 109233 | 69 | 27 | 0 | 334 | 26 | 456 |
| 859 | Elect Fittr & Relat Electrical & Electronic Worker | 908 | 1022 | 3012 | 6474 | 243 | 11659 | 12 | 3 | 31 | 155 | 2 | 203 |
| 85 | ELECTRICAL FITTR & RELD ELECTRICAL,ELECTRONIC WORK | 54935 | 16915 | 33358 | 180360 | 19494 | 305062 | 972 | 649 | 970 | 2127 | 55 | 4773 |
| 860 | Sup Broadcasting Audio Visual Proj & Sound eqp opr. | 191 | 95 | 43 | 20 | 0 | 349 | 25 | 11 | 14 | 0 | 0 | 50 |
| 861 | Radio Broadcasting Television Operators | 586 | 57 | 20 | 5 | 17 | 685 | 46 | 0 | 0 | 0 | 0 | 46 |
| 862 | Sound Equip Operators & Cinema Projectionists | 304 | 1001 | 347 | 178 | 22 | 1852 | 2 | 20 | 26 | 56 | 0 | 104 |
| 869 | Broadcasg Stat & Sound Equi Opt & Cinema Projectis | 14 | 33 | 0 | 154 | 0 | 201 | 1 | 11 | 0 | 0 | 0 | 12 |
| 86 | BROADCASTING STATION & SOUND EQUIP OPR & CIN PROJ. | 1095 | 1186 | 410 | 357 | 39 | 3087 | 74 | 42 | 40 | 56 | 0 | 212 |
| 870 | Supr & Forem Plumbg,Welding Str & Sheet MetWork | 66 | 233 | 347 | 163 | 76 | 885 | 4 | 2 | 0 | 1 | 0 | 7 |
| 871 | Plumbers and Pipe Fitters | 1272 | 4787 | 1683 | 2714 | 1958 | 12414 | 0 | 34 | 12 | 16 | 40 | 102 |
| 872 | Welders and Flame Cutters | 2798 | 1329 | 5750 | 3789 | 122 | 13788 | 4 | 7 | 1 | 5 | 0 | 17 |
| 873 | Sheet Metal Workers | 5576 | 168 | 414 | 1642 | 15 | 7815 | 10 | 5 | 0 | 3 | 0 | 18 |
| 874 | Metal Plate and Structural Metal Workers | 1598 | 82 | 603 | 329 | 111 | 2723 | 9 | 4 | 2 | 6 | 0 | 21 |
| 879 | Plumbr,Weldr,Sheet Met & Struct Met Prep & Erec ne | 47 | 11 | 25 | 213 | 1 | 297 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | PLUMBERS,WELDR,SHEET METAL,STRUC MET PREP & ERECTOR | 11357 | 6610 | 8822 | 8850 | 2283 | 37922 | 27 | 52 | 15 | 31 | 40 | 165 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|------|------|-----|------|----|------|----|-----|----|-----|----|-----|
| 880 | Supervisors Jewellery & Precious Metal Working | 1 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 881 | Jewellers,Goldsmiths & Silversmiths | 32 | 9 | 5 | 129 | 1 | 176 | 0 | 0 | 0 | 20 | 0 | 20 |
| 882 | Jewellery Engravers | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 883 | Other Metal Engravers (Except Printing) | 177 | 24 | 41 | 19 | 2 | 263 | 23 | 1 | 0 | 0 | 0 | 24 |
| 889 | Jewellers & Precious Metal Workers,n.e.c(Ex Print) | 25 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88 | JEWEL & PRECIOUS METL WORKR & METL ENGRAVER(EX PR) | 235 | 37 | 46 | 148 | 3 | 469 | 23 | 1 | 0 | 20 | 0 | 44 |
| 890 | Sup & Forem Glass Forming,Pottery & Relt.Acti | 56 | 34 | 21 | 4 | 0 | 115 | 0 | 3 | 2 | 0 | 0 | 5 |
| 891 | Glass Formers, Cutters,Grinders and Finishers | 10 | 85 | 24 | 632 | 3 | 754 | 0 | 1 | 2 | 250 | 0 | 253 |
| 892 | Potters and Related Clay & Abrasive Formers | 4 | 48 | 69 | 92 | 3 | 216 | 0 | 1 | 1 | 0 | 0 | 2 |
| 893 | Glass and Ceramic Kilnmen | 25 | 31 | 68 | 205 | 0 | 329 | 0 | 0 | 7 | 5 | 0 | 12 |
| 894 | Glass Engravers and Etchers | 1 | 9 | 0 | 60 | 32 | 102 | 0 | 0 | 0 | 16 | 0 | 16 |
| 895 | Glass and Ceramics Painters and Decorators | 0 | 30 | 141 | 0 | 0 | 171 | 0 | 0 | 0 | 0 | 0 | 0 |
| 899 | Glass Formers,Potters & Related Workers,n.e.c. | 4 | 48 | 406 | 840 | 6 | 1304 | 0 | 4 | 10 | 181 | 0 | 195 |
| 89 | GLASS FORMERS,POTTERS AND RELATED WORKERS | 100 | 285 | 729 | 1833 | 44 | 2991 | 0 | 9 | 22 | 452 | 0 | 483 |
| 900 | Supervisors &Foremen,Rubber &Plastics Product Maki | 18 | 30 | 136 | 44 | 0 | 228 | 0 | 6 | 0 | 0 | 0 | 6 |
| 901 | Plastics Product Makers | 22 | 94 | 204 | 494 | 6 | 820 | 0 | 5 | 1 | 19 | 0 | 25 |
| 902 | Rubber Product Makers(Excpt Tyre mkr & Vulcaniser) | 0 | 26 | 47 | 292 | 0 | 365 | 0 | 0 | 0 | 6 | 0 | 6 |
| 903 | Tyre Makers and Vulcanisers | 165 | 294 | 455 | 1530 | 84 | 2528 | 2 | 1 | 0 | 2 | 1 | 6 |
| 909 | Rubber and Plastics Product Makers,n.e.c | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 1 |
| 90 | RUBBER AND PLASTICS PRODUCTS MAKERS | 205 | 449 | 842 | 2360 | 90 | 3946 | 2 | 13 | 1 | 27 | 1 | 44 |
| 910 | Sup & Forem Paper & Paper & Paper Board Product Mkg. | 28 | 5 | 0 | 22 | 1 | 56 | 0 | 0 | 0 | 2 | 1 | 3 |
| 911 | Paper and Paper Board Product Makers | 12 | 10 | 9 | 57 | 0 | 88 | 0 | 0 | 0 | 20 | 0 | 20 |
| 919 | Paper And Paper Product Makers, n.e.c. | 0 | 1 | 0 | 4 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 91 | PAPER AND PAPER BOARD PRODUCT MAKERS | 40 | 16 | 9 | 83 | 1 | 149 | 0 | 0 | 0 | 22 | 1 | 23 |
| 920 | Supervisors & Foremen Pringing & Related Work | 191 | 804 | 95 | 165 | 3 | 1258 | 0 | 29 | 8 | 6 | 0 | 43 |
| 921 | Compositors | 929 | 2795 | 67 | 336 | 90 | 4217 | 7 | 144 | 12 | 45 | 1 | 209 |
| 922 | Type Setters and Photo-Type Setters | 184 | 531 | 17 | 151 | 0 | 883 | 4 | 0 | 0 | 0 | 0 | 4 |
| 923 | Printing Pressman | 1526 | 3226 | 171 | 701 | 35 | 5659 | 3 | 170 | 0 | 9 | 3 | 185 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|--|------|-------|------|------|------|-------|-----|------|-----|-----|----|------|
| 924 | Stereo-Typers and Electro-Typers | 71 | 42 | 61 | 2 | 4 | 180 | 0 | 4 | 0 | 0 | 0 | 4 |
| 925 | Engravers,Printing(Except Photo Engravers) | 91 | 75 | 2 | 33 | 3 | 204 | 9 | 3 | 0 | 0 | 0 | 12 |
| 926 | Photo Engravers | 878 | 235 | 973 | 708 | 48 | 2842 | 49 | 18 | 190 | 116 | 19 | 392 |
| 927 | Book Binders and Related workers | 2420 | 8741 | 55 | 703 | 34 | 11953 | 91 | 1344 | 0 | 115 | 1 | 1551 |
| 928 | Photographic Dark Room Workers | 365 | 389 | 251 | 228 | 5 | 1238 | 7 | 23 | 6 | 68 | 0 | 104 |
| 929 | Printers and Related Workers, n.e.c. | 89 | 65 | 61 | 157 | 3 | 375 | 0 | 2 | 0 | 0 | 0 | 2 |
| 92 | PRINTERS AND RELATED WORKERS | 6744 | 16903 | 1753 | 3184 | 225 | 28809 | 170 | 1737 | 216 | 359 | 24 | 2506 |
| 930 | Supervisors and Foremen Painting | 55 | 9 | 51 | 64 | 12 | 191 | 1 | 1 | 1 | 0 | 0 | 3 |
| 931 | Painters, Construction | 853 | 71 | 670 | 205 | 54 | 1853 | 1 | 0 | 3 | 0 | 0 | 4 |
| 932 | Painters, Spray and Sign Writing | 2490 | 577 | 1167 | 827 | 30 | 5091 | 35 | 17 | 5 | 24 | 0 | 81 |
| 939 | Painters, n.e.c. | 665 | 43 | 49 | 64 | 13 | 834 | 0 | 0 | 22 | 1 | 0 | 23 |
| 93 | PAINTERS | 4063 | 700 | 1937 | 1160 | 109 | 7969 | 37 | 18 | 31 | 25 | 0 | 111 |
| 940 | Sup.& Foremen Production & Related Acti. | 261 | 65 | 1074 | 134 | 0 | 1534 | 2 | 1 | 130 | 8 | 0 | 141 |
| 941 | Musical Instrument Makers and Tuners | 484 | 56 | 89 | 15 | 11 | 655 | 19 | 1 | 0 | 0 | 0 | 20 |
| 942 | Basketry Weavers and Brush Makers | 102 | 65 | 4 | 211 | 1 | 383 | 5 | 1 | 0 | 0 | 0 | 6 |
| 943 | Non-Medtallic Mineral Product Makers | 1646 | 60 | 35 | 308 | 1996 | 4045 | 3 | 1 | 1 | 92 | 25 | 122 |
| 949 | Production and Related Workers, n.e.c. | 2846 | 120 | 978 | 1741 | 45 | 5730 | 66 | 23 | 34 | 54 | 8 | 185 |
| 94 | PRODUCTION AND RELATEDWORKERS,n.e.c | 5339 | 366 | 2180 | 2409 | 2053 | 12347 | 95 | 27 | 165 | 154 | 33 | 474 |
| 950 | Sup.&Foremen Bricklaying & other Cont. Work | 691 | 6913 | 1037 | 1752 | 1615 | 12008 | 2 | 107 | 1 | 21 | 32 | 163 |
| 951 | Bricklayers, Stone Masons and Tile Setters | 2058 | 2630 | 1814 | 1510 | 1481 | 9493 | 8 | 37 | 97 | 7 | 5 | 154 |
| 952 | Reinforced Concreaters Cement Finishers&Terrazzo | 19 | 28 | 25 | 872 | 6 | 950 | 0 | 0 | 0 | 0 | 0 | 0 |
| 953 | Roofers | 1 | 6 | 1 | 3 | 0 | 11 | 0 | 1 | 0 | 0 | 0 | 1 |
| 954 | Parquetry Workers | 0 | 1 | 0 | 3 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 955 | Plasterers | 3 | 21 | 0 | 67 | 0 | 91 | 0 | 2 | 0 | 0 | 0 | 2 |
| 956 | Insulators | 131 | 223 | 4 | 21 | 5 | 384 | 10 | 1 | 0 | 0 | 0 | 11 |
| 957 | Glaziers | 0 | 17 | 21 | 309 | 0 | 347 | 0 | 0 | 0 | 2 | 0 | 2 |
| 958 | Hut Builders And Thatchers | 0 | 54 | 0 | 1 | 2 | 57 | 0 | 6 | 0 | 0 | 0 | 6 |
| 959 | Construction Workers, n.e.c. | 5833 | 5996 | 157 | 1744 | 773 | 14503 | 193 | 171 | 12 | 757 | 32 | 1165 |
| 95 | BRICKLAYERS AND OTHER CONSTRUCTION WORKERS | 8736 | 15889 | 3059 | 6282 | 3884 | 37850 | 213 | 325 | 110 | 787 | 69 | 1504 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|-----|---|--------|--------|-------|--------|-------|--------|------|-------|------|-------|------|-------|
| 960 | Sup & Foremen Stationery & Related Equip Operators | 6 | 60 | 202 | 199 | 1 | 468 | 0 | 0 | 1 | 2 | 0 | 3 |
| 961 | Stationary Engines&Related Equipment Operators | 2751 | 28578 | 5640 | 17443 | 5490 | 59902 | 34 | 427 | 217 | 81 | 59 | 818 |
| 962 | Boilermen and Firemen | 4954 | 552 | 909 | 1669 | 91 | 8175 | 36 | 9 | 2 | 6 | 0 | 53 |
| 963 | Oilers & Greasers (Including Cleaners Motor Vihicl | 6784 | 5497 | 2918 | 10582 | 2349 | 28130 | 50 | 118 | 181 | 391 | 63 | 803 |
| 969 | Stationary Engine & Rtl Equipment Operators, n.e.c | 5 | 21 | 312 | 95 | 48 | 481 | 0 | 0 | 48 | 0 | 0 | 48 |
| 96 | STATIONARY ENGINES&RELATED EQUIPMENT OPERATORS&OLE | 14500 | 34708 | 9981 | 29988 | 7979 | 97156 | 120 | 554 | 449 | 480 | 122 | 1725 |
| 970 | Sup & Foremen Mat.&Frieght handling & Rel.equip Oper. | 56 | 95 | 218 | 16 | 0 | 385 | 0 | 0 | 13 | 1 | 0 | 14 |
| 971 | Loader and Unloaders | 53 | 300 | 7565 | 191 | 5685 | 13794 | 4 | 1 | 274 | 1 | 5 | 285 |
| 972 | Riggers and Cable Splicers | 432 | 190 | 1904 | 429 | 22 | 2977 | 5 | 2 | 0 | 6 | 0 | 13 |
| 973 | Crane and Hoist Operators | 536 | 271 | 4394 | 2987 | 25 | 8213 | 0 | 3 | 24 | 15 | 0 | 42 |
| 974 | Earth Moving & Related Machinery Operators | 227 | 1363 | 4134 | 2764 | 430 | 8918 | 4 | 7 | 1 | 11 | 9 | 32 |
| 975 | Checkers, Testers, Sorters,Weighers and Counters | 2167 | 690 | 514 | 2310 | 144 | 5825 | 149 | 31 | 6 | 56 | 1 | 243 |
| 976 | Packers, Labellers and Related Workers | 2716 | 400 | 436 | 2781 | 5 | 6338 | 145 | 9 | 21 | 178 | 0 | 353 |
| 979 | Material Handling Equipment Operators, n.e.c. | 410 | 561 | 2026 | 282 | 187 | 3466 | 0 | 4 | 7 | 89 | 1 | 101 |
| 97 | MATERIAL HANDLING & RTL EQUIPMENT OPERATORS DOCKER | 6597 | 3870 | 21191 | 11760 | 6498 | 49916 | 307 | 57 | 346 | 357 | 16 | 1083 |
| 980 | Sup & Foremen Transport Equipment Operators | 48 | 32 | 14 | 403 | 1 | 498 | 0 | 0 | 0 | 0 | 0 | 0 |
| 981 | Ships'Deck Ratings,Barge Crews and Boatmen | 24489 | 11475 | 4187 | 3709 | 1026 | 44886 | 0 | 0 | 0 | 0 | 0 | 0 |
| 982 | Ships' Engine Room Ratings | 105 | 67 | 116 | 149 | 2 | 439 | 0 | 0 | 0 | 0 | 0 | 0 |
| 983 | Drivers, Railways | 9725 | 19 | 312 | 75 | 2 | 10133 | 0 | 0 | 0 | 0 | 0 | 0 |
| 984 | Fireman, Railways | 4191 | 6 | 6 | 110 | 19 | 4332 | 0 | 0 | 0 | 0 | 0 | 0 |
| 985 | Pointsmen Signalmen and Shunters, Railways | 15991 | 13 | 440 | 240 | 24 | 16708 | 0 | 0 | 0 | 0 | 0 | 0 |
| 986 | Tram Car and Motor Vehicle Drivers | 30283 | 70255 | 18645 | 151918 | 13315 | 284416 | 0 | 0 | 0 | 0 | 0 | 0 |
| 987 | Drivers, Animal and Animal Drawn Vehicles | 22 | 263 | 6 | 22 | 24 | 337 | 0 | 0 | 0 | 0 | 0 | 0 |
| 988 | Cycle Rickshaw Drivers and Rickshaw Pullers | 0 | 42 | 4 | 6 | 4 | 56 | 0 | 0 | 0 | 0 | 0 | 0 |
| 989 | Transport Equipment Operators and Drivers,n.e.c. | 8336 | 850 | 100 | 78 | 30 | 9394 | 0 | 0 | 0 | 0 | 0 | 0 |
| 98 | TRANSPORT EQUIPMENT OPERATORS | 93190 | 83022 | 23830 | 156710 | 14447 | 371199 | 0 | 0 | 0 | 0 | 0 | 0 |
| 999 | Labourer ,n.e.c. | 175335 | 153914 | 86042 | 176498 | 50140 | 641929 | 9620 | 12511 | 6413 | 20852 | 7559 | 56955 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|------------------------------------|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|---------|
| 99 | LABOURERS,n.e.c. | 175335 | 153914 | 86042 | 176498 | 50140 | 641929 | 9620 | 12511 | 6413 | 20852 | 7559 | 56955 |
| 7,8&9 | PRODUCTION AND RELATED WORKERS TRANSPORT EQUIPMENT OPERATORS AND LABOURERS | 486227 | 371477 | 377400 | 790933 | 115317 | 2141354 | 12717 | 17283 | 15149 | 44595 | 8334 | 98078 |
| TOTAL EMPLOYMENT (ALL OCCUPATIONS) | | 1526771 | 4045213 | 1400151 | 1869370 | 1065258 | 9906763 | 106884 | 755104 | 144861 | 148885 | 287773 | 1443507 |

APPENDIX-V

Occupational composition pattern of employees in Public Sector
(one digit level) in different States/Union Territories as on 30-09-96

| Sl. No. | Name of State/UTs | Professional Technical and related workers | | Administrative Executive and Managerial Workers | | Clerical and related workers | | Sales Workers | |
|---------|-------------------|--|------|---|------|------------------------------|------|---------------|-----|
| | | (Div.0&1) | | (Div.2) | | (Div.3) | | (Div.4) | |
| | | No | % | No | % | No | % | No | % |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | ANDHRA PRADESH | 193324 | 22.7 | 43442 | 5.1 | 260576 | 30.6 | 2805 | 0.3 |
| 2 | ASSAM | 97393 | 42.9 | 6342 | 2.8 | 62105 | 27.4 | 780 | 0.3 |
| 3 | BIHAR | 5766 | 36.8 | 793 | 5.1 | 6222 | 39.7 | 53 | 0.3 |
| 4 | GOA | 4776 | 17.3 | 1627 | 5.9 | 9937 | 36.1 | 6 | - |
| 5 | GUJARAT | 136385 | 31.5 | 19428 | 4.5 | 150201 | 34.7 | 738 | 0.2 |
| 6 | HARYANA | 108394 | 28.3 | 13822 | 3.6 | 103977 | 27.2 | 909 | 0.2 |
| 7 | HIMACHAL PRADESH | 45962 | 26.4 | 5621 | 3.2 | 49307 | 28.4 | 162 | 0.1 |
| 8 | KARNATAKA | 246277 | 29.4 | 45076 | 5.4 | 294376 | 35.2 | 3351 | 0.4 |
| 9 | KERALA | 132777 | 25.9 | 18986 | 3.7 | 176193 | 34.4 | 641 | 0.1 |
| 10 | MADHYA PRADESH | 248737 | 31.1 | 29664 | 3.7 | 230504 | 28.9 | 1336 | 0.2 |
| 11 | MAHARASHTRA | 273823 | 25.4 | 28833 | 2.7 | 340227 | 31.5 | 1845 | 0.2 |
| 12 | MANIPUR | 24453 | 39.6 | 1473 | 2.4 | 20139 | 32.6 | 58 | 0.1 |
| 13 | MIZORAM | 6490 | 47.2 | 653 | 4.7 | 3368 | 24.5 | 8 | - |
| 14 | NAGALAND | 5225 | 28.9 | 522 | 2.9 | 4942 | 27.3 | 52 | 0.3 |
| 15 | ORISSA | 53266 | 28.4 | 10290 | 5.5 | 53432 | 28.5 | 549 | 0.3 |
| 16 | PUNJAB | 83733 | 28.8 | 10672 | 3.7 | 82117 | 28.3 | 1340 | 0.5 |
| 17 | RAJASTHAN | 368617 | 34.9 | 30413 | 2.9 | 296745 | 27.9 | 3701 | 0.4 |
| 18 | TAMIL NADU | 332333 | 30.5 | 43202 | 4.0 | 338353 | 31.1 | 17964 | 1.6 |
| 19 | UTTAR PRADESH | 423211 | 26.7 | 59558 | 3.8 | 529247 | 34.0 | 2933 | 0.2 |
| 20 | WEST BENGAL | 12304 | 8.0 | 9024 | 5.8 | 71425 | 46.3 | 325 | 0.2 |
| 21 | CHANDIGARH | 13119 | 22.7 | 3994 | 6.9 | 17454 | 30.1 | 150 | 0.3 |
| 22 | DELHI | 10578 | 16.0 | 7069 | 10.7 | 23752 | 36.0 | 140 | 0.2 |
| 23 | PONDICHERRY | 715 | 12.0 | 253 | 4.3 | 1626 | 27.4 | 19 | 0.3 |
| | TOTAL | 2827658 | 28.5 | 390757 | 3.9 | 3126225 | 31.6 | 39865 | 0.4 |

APPENDIX-V-Contd.

| Sl. No. | Name of State/UTs | Service Workers | | Farmers, Fishermen Hunters Loggers and related Workers | | Production and related workers Transport eqpt operators and labourers | | TOTAL | |
|---------|-------------------|-----------------|------|--|-----|---|------|---------|-------|
| | | (Div.5) | | (Div.6) | | (Div.7,8&9) | | | |
| | | No | % | No | % | No | % | No | % |
| | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1 | ANDHRA PRADESH | 93876 | 11.0 | 13041 | 1.5 | 244611 | 28.7 | 851675 | 100.0 |
| 2 | ASSAM | 24400 | 10.8 | 5692 | 2.5 | 30259 | 13.3 | 226971 | 100.0 |
| 3 | BIHAR | 788 | 5.0 | 297 | 1.9 | 1762 | 11.2 | 15681 | 100.0 |
| 4 | GOA | 4415 | 16.0 | 457 | 1.7 | 6337 | 23.0 | 27555 | 100.0 |
| 5 | GUJARAT | 46302 | 10.7 | 6740 | 1.5 | 73378 | 16.9 | 433172 | 100.0 |
| 6 | HARYANA | 59418 | 15.5 | 10581 | 2.8 | 85763 | 22.4 | 382864 | 100.0 |
| 7 | HIMACHAL PRADESH | 16902 | 9.7 | 4080 | 2.4 | 51886 | 29.9 | 173920 | 100.0 |
| 8 | KARNATAKA | 95644 | 11.4 | 17516 | 2.1 | 134654 | 16.1 | 836894 | 100.0 |
| 9 | KERALA | 42742 | 8.3 | 11379 | 2.2 | 130148 | 25.4 | 512866 | 100.0 |
| 10 | MADHYA PRADESH | 85515 | 10.7 | 21308 | 2.7 | 182036 | 22.7 | 799100 | 100.0 |
| 11 | MAHARASHTRA | 125843 | 11.7 | 22585 | 2.1 | 284553 | 26.4 | 1077709 | 100.0 |
| 12 | MANIPUR | 9457 | 15.3 | 2280 | 3.7 | 3854 | 6.3 | 61714 | 100.0 |
| 13 | MIZORAM | 1837 | 13.4 | 597 | 4.3 | 806 | 5.9 | 13759 | 100.0 |
| 14 | NAGALAND | 5120 | 28.3 | 543 | 3.0 | 1671 | 9.3 | 18075 | 100.0 |
| 15 | ORISSA | 21772 | 11.6 | 4634 | 2.5 | 43523 | 23.2 | 187466 | 100.0 |
| 16 | PUNJAB | 48637 | 16.7 | 4394 | 1.5 | 59725 | 20.5 | 290618 | 100.0 |
| 17 | RAJASTHAN | 108515 | 10.3 | 21721 | 2.0 | 230317 | 21.6 | 1060029 | 100.0 |
| 18 | TAMIL NADU | 165213 | 15.2 | 13208 | 1.2 | 179321 | 16.4 | 1089594 | 100.0 |
| 19 | UTTAR PRADESH | 210839 | 13.6 | 22755 | 1.5 | 314326 | 20.2 | 1562869 | 100.0 |
| 20 | WEST BENGAL | 11729 | 7.6 | 1377 | 0.9 | 48173 | 31.2 | 154357 | 100.0 |
| 21 | CHANDIGARH | 11022 | 19.0 | 1340 | 2.3 | 10816 | 18.7 | 57895 | 100.0 |
| 22 | DELHI | 3458 | 5.2 | 435 | 0.7 | 20612 | 31.2 | 66044 | 100.0 |
| 23 | PONDICHERRY | 387 | 6.5 | 113 | 1.9 | 2823 | 47.6 | 5936 | 100.0 |
| | TOTAL | 1193831 | 12.1 | 187073 | 1.9 | 2141354 | 21.6 | 9906763 | 100.0 |

APPENDIX-VI

Occupational composition pattern of Women employees in Public Sector
(one digit level) in different States/Union territories as on 30-09-1996

| Sl. No. | Name of State/UTs | Professional Technical and related workers | | Administrative Executive and Managerial Workers | | Clerical and related workers | | Sales Workers | |
|---------|-------------------|--|------|---|-----|------------------------------|------|---------------|-----|
| | | (Div.0&1) | | (Div.2) | | (Div.3) | | (Div.4) | |
| | | No | % | No | % | No | % | No | % |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | ANDHRA PRADESH | 45959 | 45.4 | 2748 | 2.7 | 25757 | 25.5 | 189 | 0.2 |
| 2 | ASSAM | 20200 | 73.6 | 219 | 0.8 | 5162 | 18.8 | 70 | 0.3 |
| 3 | BIHAR | 650 | 64.1 | 2 | 0.2 | 184 | 18.1 | 0 | - |
| 4 | GOA | 1763 | 28.9 | 153 | 2.5 | 3151 | 51.6 | 0 | - |
| 5 | GUJARAT | 43530 | 65.3 | 718 | 1.1 | 13540 | 20.3 | 15 | - |
| 6 | HARYANA | 33639 | 61.9 | 593 | 1.1 | 11854 | 21.8 | 21 | - |
| 7 | HIMACHAL PRADESH | 13842 | 57.7 | 247 | 1.0 | 6108 | 25.5 | 13 | 0.1 |
| 8 | KARNATAKA | 74467 | 46.2 | 3232 | 2.0 | 49081 | 30.4 | 295 | 0.2 |
| 9 | KERALA | 55861 | 39.0 | 2294 | 1.6 | 45710 | 32.0 | 67 | - |
| 10 | MADHYA PRADESH | 45807 | 53.9 | 1217 | 1.4 | 22164 | 26.1 | 81 | 0.1 |
| 11 | MAHARASHTRA | 62093 | 47.1 | 1265 | 1.0 | 41784 | 31.7 | 78 | - |
| 12 | MANIPUR | 7881 | 56.2 | 77 | 0.6 | 5075 | 36.2 | 17 | 0.1 |
| 13 | MIZORAM | 2069 | 59.1 | 79 | 2.3 | 1044 | 29.8 | 1 | - |
| 14 | NAGALAND | 1130 | 39.3 | 25 | 0.9 | 1294 | 45.1 | 4 | 0.1 |
| 15 | ORISSA | 8317 | 53.0 | 184 | 1.2 | 2816 | 17.9 | 30 | 0.2 |
| 16 | PUNJAB | 31441 | 63.7 | 444 | 0.9 | 11344 | 23.0 | 45 | 0.1 |
| 17 | RAJASTHAN | 79780 | 64.9 | 859 | 0.7 | 23021 | 18.6 | 20 | - |
| 18 | TAMIL NADU | 128607 | 47.1 | 3218 | 1.2 | 49256 | 18.0 | 1169 | 0.4 |
| 19 | UTTAR PRADESH | 78897 | 59.6 | 1518 | 1.2 | 22167 | 17.3 | 32 | - |
| 20 | WEST BENGAL | 1821 | 14.3 | 375 | 2.9 | 7017 | 55.1 | 11 | 0.1 |
| 21 | CHANDIGARH | 4195 | 46.0 | 301 | 3.3 | 3535 | 38.8 | 19 | 0.2 |
| 22 | DELHI | 1334 | 18.8 | 491 | 6.9 | 4662 | 65.7 | 24 | 0.3 |
| 23 | PONDICHERRY | 112 | 20.6 | 10 | 1.8 | 287 | 52.8 | 0 | - |
| TOTAL | | 743395 | 51.5 | 20269 | 1.4 | 356013 | 24.7 | 2201 | 0.2 |

APPENDIX-VI-Contd.

| Sl. No. | Name of State/UTs | Service Workers | | Farmers, Fishermen Hunters Loggers and related Workers | | Production and related workers Transport eqpt operators and Labourers | | TOTAL | |
|---------|-------------------|-----------------|------|--|-----|---|------|---------|-------|
| | | (Div.5) | | (Div.6) | | (Div.7,8&9) | | | |
| | | No | % | No | % | No | % | No | % |
| | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1 | ANDHRA PRADESH | 16459 | 16.3 | 657 | 0.6 | 9358 | 9.3 | 101127 | 100.0 |
| 2 | ASSAM | 1262 | 4.6 | 53 | 0.2 | 471 | 1.7 | 27437 | 100.0 |
| 3 | BIHAR | 147 | 14.5 | 1 | 0.1 | 30 | 3.0 | 1014 | 100.0 |
| 4 | GOA | 773 | 12.7 | 29 | 0.5 | 235 | 3.8 | 6104 | 100.0 |
| 5 | GUJARAT | 6016 | 9.0 | 341 | 0.5 | 2465 | 3.7 | 66625 | 100.0 |
| 6 | HARYANA | 5912 | 10.9 | 207 | 0.4 | 2120 | 3.9 | 54346 | 100.0 |
| 7 | HIMACHAL PRADESH | 2042 | 8.5 | 71 | 0.3 | 1646 | 6.9 | 23969 | 100.0 |
| 8 | KARNATAKA | 27359 | 17.0 | 726 | 0.4 | 6056 | 3.8 | 161216 | 100.0 |
| 9 | KERALA | 5431 | 3.8 | 4509 | 3.2 | 29233 | 20.4 | 143105 | 100.0 |
| 10 | MADHYA PRADESH | 9274 | 10.9 | 205 | 0.2 | 6274 | 7.4 | 85022 | 100.0 |
| 11 | MAHARASHTRA | 16442 | 12.5 | 893 | 0.7 | 9304 | 7.0 | 131859 | 100.0 |
| 12 | MANIPUR | 666 | 4.8 | 161 | 1.1 | 144 | 1.0 | 14021 | 100.0 |
| 13 | MIZORAM | 222 | 6.3 | 75 | 2.1 | 10 | 0.3 | 3500 | 100.0 |
| 14 | NAGALAND | 286 | 10.0 | 37 | 1.3 | 95 | 3.3 | 2871 | 100.0 |
| 15 | ORISSA | 2456 | 15.7 | 179 | 1.1 | 1705 | 10.9 | 15687 | 100.0 |
| 16 | PUNJAB | 4531 | 9.2 | 126 | 0.2 | 1453 | 2.9 | 49384 | 100.0 |
| 17 | RAJASTHAN | 11577 | 9.4 | 542 | 0.4 | 7430 | 5.9 | 123229 | 100.0 |
| 18 | TAMIL NADU | 79138 | 29.0 | 1077 | 0.4 | 10592 | 3.9 | 273057 | 100.0 |
| 19 | UTTAR PRADESH | 21125 | 16.6 | 405 | 0.3 | 6288 | 5.0 | 130432 | 100.0 |
| 20 | WEST BENGAL | 489 | 3.8 | 396 | 3.1 | 2636 | 20.7 | 12745 | 100.0 |
| 21 | CHANDIGARH | 783 | 8.6 | 6 | 0.1 | 279 | 3.0 | 9118 | 100.0 |
| 22 | DELHI | 396 | 5.6 | 25 | 0.4 | 163 | 2.3 | 7095 | 100.0 |
| 23 | PONDICHERRY | 44 | 8.1 | 0 | - | 91 | 16.7 | 544 | 100.0 |
| | TOTAL | 212830 | 14.7 | 10721 | 0.7 | 98078 | 6.8 | 1443507 | 100.0 |

Code structure of educational qualifications of employees

| Educational Code | Description of Educational qualification |
|--|--|
| I. Graduates and Post –Graduates in Technical/Professional subjects | |
| M | Engineering & Technology |
| N | Medicine |
| IN | Veterinary Science |
| Q | Agriculture |
| P | Education (Teaching) |
| R | Management (Business Admn./Personal Management etc.) |
| S | Chartered/Cost Accountants/Company Secretaries |
| IS | Other Technical/Professional Fields (excluding Law and Commerce) |
| II. Diploma Holders in Technical /Professional Subjects | |
| T | Engineering & Technology |
| U | Medicine |
| IU | Veterinary Science |
| IQ | Agriculture |
| Y | Education (Teaching) |
| W | Management |
| Z | I.T.I. Certificates/Apprentices |
| 2U | Nursing Midwifery |
| IZ | Other Certificates/Diplomas |
| III. Others (Those with General qualifications only) | |
| K | Post-Graduates in Science |
| J | Other Post-Graduates (including Law and Commerce) |
| G | Graduates in Science |
| H | Other Graduates (including Law and Commerce) |
| F | Matric and above but below Graduate |
| E | Below Matric including illiterates |

Occupational Pattern of Employees in different Industry Divisions(one digit level)in public sector as on 30 Sep 1996

| NCO | Occupation | Agriculture | Mining & | Manufa- | Electri | Constru | Wholesale | Transport | Financial | Community | Total |
|-----|--|---------------------------------------|-----------|---------|-----------------------|---------|---|------------------------------------|--|----------------------------------|--------|
| | | Hunting Forestry and Fishing | Quarrying | cturing | cal Gas & Water | ction | & retail trade, Restau rants & Hotels | storage & Communi & Services | insurance Real esta te and Business Services | social & personal services | |
| | | (0-Div) | (1-Div) | (2Div) | (4-Div) | (5-Div) | (6-Div) | (7-Div) | (8-Div) | (9-Div) | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 00 | PHYSICAL SCIENTISTS | 665 | 624 | 4020 | 1958 | 479 | 44 | 80 | 103 | 12879 | 20852 |
| 01 | PHYSICAL SCIENCE TECHNICIANS | 402 | 51 | 586 | 71 | 106 | 66 | 38 | 14 | 8084 | 9418 |
| 02 | ARCHITECTS, ENGINEERS, TECHNOLOGISTS AND SURVEYORS | 4648 | 7759 | 22024 | 30976 | 47403 | 587 | 25402 | 2732 | 29807 | 171338 |
| 03 | ENGINEERING TECHNICIANS | 8502 | 9386 | 37674 | 31550 | 65760 | 732 | 44982 | 6936 | 53935 | 259457 |
| 04 | AIRCRAFT AND SHIPS OFFICERS | 1 | 15 | 110 | 0 | 35 | 85 | 301 | 0 | 532 | 1079 |
| 05 | LIFE SCIENTISTS | 26868 | 268 | 1122 | 129 | 530 | 213 | 64 | 600 | 10203 | 39997 |
| 06 | LIFE SCIENCE TECHNICIANS | 509 | 72 | 1030 | 134 | 90 | 83 | 142 | 32 | 14925 | 17017 |
| 07 | PHYSNS & SURGNS (INCLNG DENTAL & VETRNRY SURGEONS) | 3350 | 847 | 2257 | 668 | 235 | 228 | 1616 | 108 | 89699 | 99008 |
| 08 | NURSES & OTHER MEDICAL & HEALTH TECHNICIANS | 2821 | 3042 | 4215 | 1479 | 576 | 32 | 3248 | 90 | 260892 | 276395 |
| 09 | SCIENTIFIC MEDICAL&TECHNICAL PERSONS OTHER | 54 | 32 | 135 | 886 | 32 | 4 | 48 | 0 | 5808 | 6999 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-----|---|-------|-------|-------|-------|--------|------|-------|--------|---------|---------|
| 10 | MATHEMATICIANS, STATISTICIANS AND RELATED WORKERS | 784 | 29 | 683 | 537 | 602 | 144 | 564 | 1382 | 12385 | 17110 |
| 11 | ECONOMISTS AND RELATED WORKERS | 70 | 0 | 70 | 3 | 26 | 0 | 10 | 118 | 1876 | 2173 |
| 12 | ACCOUNTANTS,AUDITORS AND RELATED WORKERS | 3786 | 861 | 9190 | 8917 | 5243 | 2587 | 8632 | 20650 | 71839 | 131705 |
| 13 | SOCIAL SCIENTISTS AND RELATED WORKERS | 5712 | 881 | 2217 | 658 | 302 | 170 | 349 | 669 | 155017 | 165975 |
| 14 | JURISTS | 22 | 14 | 63 | 95 | 89 | 26 | 158 | 1165 | 9951 | 11583 |
| 15 | TEACHERS | 1717 | 825 | 3326 | 794 | 268 | 13 | 1235 | 837 | 1529797 | 1538812 |
| 16 | POETS, AUTHORS, JOURNALIST & RELATED WORKERS | 48 | 2 | 164 | 200 | 19 | 10 | 338 | 157 | 1746 | 2684 |
| 17 | SCULPTORS, PAINTERS, PHOTOGRAPHERS & RELATED ARTISTS | 79 | 9 | 1100 | 26 | 70 | 4 | 3185 | 21 | 1697 | 6191 |
| 18 | COMPOSERS AND PERFORMING ARTISTS | 5 | 17 | 80 | 32 | 1 | 0 | 350 | 46 | 2772 | 3303 |
| 19 | PROFESSIONAL WORKERS,n.e.c. | 1588 | 420 | 967 | 395 | 323 | 13 | 89 | 90 | 42677 | 46562 |
| 0&1 | PROFESSIONAL, TECHNICAL AND RELATED WORKERS | 61631 | 25154 | 91033 | 79508 | 122189 | 5041 | 90831 | 35750 | 2316521 | 2827658 |
| 21 | ADMINISTRATIVE & EXECUTIVE OFFICIALS, GOVT & LOC BODI | 11098 | 3625 | 12524 | 2976 | 4034 | 3939 | 4608 | 14502 | 108498 | 165804 |
| 22 | WORKING PROTTS, DIRTS & MANAGERS, WHOLESALE & RETAIL TRAD | 51 | 33 | 174 | 22 | 17 | 2818 | 60 | 97 | 426 | 3698 |
| 23 | DIRECTORS AND MANAGERS, FINANCIAL INSTITUTIONS | 0 | 0 | 465 | 0 | 0 | 0 | 0 | 163547 | 866 | 166675 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|--|-------|-------|-------|-------|--------|-------|--------|--------|--------|---------|
| 24 | WORKING PROPRIETORS, DIRECTOR & MANAGERS, MINING CONST | 288 | 2127 | 20648 | 1408 | 318 | 183 | 65 | 150 | 1102 | 26289 |
| 25 | WORKING PROP DIR MANAGER & RTL EXECUTIVES, TRANSPOR | 3 | 30 | 212 | 55 | 153 | 696 | 16544 | 116 | 689 | 18498 |
| 26 | WORKING PROP DIRS & MANAGERS, OTHER SERVICES | 150 | 143 | 2621 | 171 | 216 | 968 | 749 | 465 | 3489 | 8972 |
| 29 | ADMINISTRATIVE, EXECUTIVE & MANAGERIAL WORKERS,n.e.c | 60 | 19 | 80 | 44 | 232 | 208 | 1415 | 42 | 518 | 821 |
| 2 | ADMINISTRATIVE,EXECUTIVE & MANAGERIAL WORKERS | 11650 | 5977 | 36724 | 4676 | 4970 | 8812 | 23441 | 178919 | 115588 | 390757 |
| 30 | CLERICAL AND OTHER SUPERVISORS | 20846 | 6419 | 35580 | 33677 | 39653 | 10475 | 62658 | 61502 | 280081 | 550891 |
| 31 | VILLAGE OFFICIALS | 458 | 33 | 218 | 101 | 10235 | 61 | 349 | 181 | 66885 | 78521 |
| 32 | STENOGRAPHERS AND STENO-TYPISTS | 3647 | 1144 | 7455 | 6255 | 9755 | 1967 | 9943 | 17856 | 57063 | 115085 |
| 33 | BOOK KEEPERS CASHIERS AND RELATED WORKERS | 439 | 275 | 1449 | 3060 | 1137 | 892 | 6911 | 283505 | 7771 | 305439 |
| 34 | COMPUTING MACHINE OPERATOR | 140 | 3590 | 1915 | 319 | 678 | 16 | 465 | 1397 | 4007 | 12527 |
| 35 | CLERICAL AND RELATED WORKERS, n.e.c | 55314 | 15123 | 76580 | 96277 | 123209 | 19426 | 231103 | 160610 | 824835 | 1602477 |
| 36 | TRASPORT & COMMUNICATION SUPERVISORS | 26 | 47 | 625 | 71 | 1626 | 328 | 92441 | 190 | 2838 | 98192 |
| 37 | TRANSPORT CONDUCTORS AND GUARDS | 9 | 113 | 97 | 533 | 171 | 256 | 145622 | 849 | 4223 | 151873 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|---|-------|-------|--------|--------|--------|-------|--------|--------|---------|---------|
| 38 | MAIL DISTRIBUTORS AND RELATED WORKERS | 1024 | 40 | 2379 | 777 | 2201 | 321 | 146161 | 14577 | 6263 | 173743 |
| 39 | TELEPHONE AND TELEGRAPH OPERATORS | 81 | 263 | 1433 | 1086 | 2623 | 117 | 27804 | 648 | 3422 | 37477 |
| 3 | CLERICAL AND RELATED WORKERS | 81984 | 27047 | 127731 | 142156 | 191288 | 33859 | 723457 | 541315 | 1257388 | 3126225 |
| 41 | MANUFACTURERS AGENTS | 112 | 20 | 1000 | 5 | 79 | 1389 | 144 | 6705 | 2040 | 11494 |
| 42 | TECHNICAL SALESMEN AND COMMERCIAL TRAVELLERS | 4 | 11 | 235 | 106 | 23 | 169 | 46 | 583 | 581 | 1758 |
| 43 | SALESMEN, SHOP ASSISTANTS AND RELATED WORKERS | 433 | 67 | 1666 | 36 | 54 | 11139 | 693 | 4619 | 3420 | 22127 |
| 44 | INSUR, REAL EST, SECUR & BUSIN SERV SALSMAN & AUCTS | 9 | 17 | 261 | 122 | 74 | 229 | 26 | 639 | 292 | 1669 |
| 49 | SALES WORKERS, n.e.c. | 68 | 21 | 2533 | 7 | 10 | 48 | 11 | 42 | 77 | 2817 |
| 4 | SALES WORKERS | 626 | 136 | 5695 | 276 | 240 | 12974 | 920 | 12588 | 6410 | 39865 |
| 51 | HOUSE KEEPER MATR & STEWRS (DOMESTIC AND INSTITUTIO | 1 | 38 | 345 | 9 | 78 | 550 | 87 | 3 | 19723 | 20834 |
| 52 | COOKS WAITERS. BARTEN & RELATED WORKS(DOM &INST) | 1114 | 985 | 3247 | 786 | 859 | 2357 | 2697 | 297 | 75911 | 88253 |
| 53 | MAIDS& RELATED HOUSE KEEPING SERVICES WORKERS nec | 164 | 226 | 1002 | 37 | 23 | 461 | 275 | 9 | 34632 | 36829 |
| 54 | BUILDING CARETAKERS, SWEEPERS CLEANER & RELD WORKR | 2014 | 2034 | 8564 | 5096 | 7763 | 1849 | 35850 | 15145 | 256094 | 334409 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|--|--------|------|-------|-------|-------|------|-------|-------|--------|---------|
| 55 | LAUNDERERS, DRYCLEANERS AND PRESSERS | 9 | 34 | 206 | 27 | 93 | 24 | 220 | 32 | 3885 | 4530 |
| 56 | HAIR DRESSERS, BARBERS, BEAUTICIAN & RELT WORKERS | 2 | 9 | 41 | 0 | 2 | 1 | 39 | 20 | 1856 | 1970 |
| 57 | PROTECTIVE SERVICE WORKERS | 10147 | 3990 | 22540 | 13155 | 25545 | 4253 | 35426 | 20840 | 567434 | 703330 |
| 59 | SERVICE WORKERS, n.e.c. | 10 | 2 | 64 | 5 | 14 | 7 | 2401 | 11 | 1162 | 3676 |
| 5 | SERVICE WORKERS | 13461 | 7318 | 36009 | 19115 | 34377 | 9502 | 76995 | 36357 | 960697 | 1193831 |
| 60 | FARM,PLANTATION,DAIRY, OTHER MANAGERS & SUPERVISOR | 24750 | 83 | 2374 | 59 | 321 | 460 | 15 | 97 | 9000 | 37159 |
| 62 | FARMERS, OTHER THAN CULTIVATORS | 2729 | 0 | 130 | 0 | 6 | 4 | 4 | 1 | 315 | 3189 |
| 63 | AGRICULTURAL LABOURERS | 7855 | 1 | 176 | 1 | 45 | 9 | 3 | 0 | 2597 | 10687 |
| 64 | PLANTATION LABOURERS AND RELATED WORKERS | 10812 | 1 | 106 | 412 | 19 | 2 | 52 | 1 | 443 | 11848 |
| 65 | OTHER FARM WORKERS | 16678 | 190 | 4404 | 2691 | 2983 | 745 | 1307 | 269 | 22499 | 51766 |
| 66 | FORESTRY WORKERS | 60268 | 63 | 299 | 28 | 2817 | 127 | 7 | 8 | 2103 | 65720 |
| 67 | HUNTERS AND RELATED WORKERS | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 7 | 18 |
| 68 | FISHERMEN AND RELATED WORKERS | 5103 | 0 | 115 | 1 | 20 | 36 | 388 | 4 | 1019 | 6686 |
| 6 | FARMERS,FISHRSMEN,HUNTERS LOGGERS & RELATD WORKERS | 128205 | 338 | 7604 | 3192 | 6211 | 1383 | 1777 | 380 | 37983 | 187073 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|---|-------|-------|-------|--------|-------|------|-------|-----|-------|--------|
| 71 | MINERS, QUARRYMEN WELL DRILLERS & RELATED WORKERS | 14309 | 75627 | 2297 | 270 | 2335 | 65 | 728 | 1 | 1380 | 97012 |
| 72 | METAL PROCESSERS | 254 | 790 | 33285 | 2586 | 234 | 96 | 1286 | 5 | 1552 | 40088 |
| 73 | WOOD PREPARATION WORKERS AND PAPER MAKERS | 50 | 240 | 3596 | 13 | 506 | 2 | 361 | 23 | 334 | 5125 |
| 74 | CHEMICAL PROCESSORS AND RELATED WORKERS | 133 | 448 | 12597 | 133 | 191 | 1091 | 74 | 126 | 691 | 15484 |
| 75 | SPINNERS, WEAVERS, KNITTING DYERS AND RELATED WORKERS | 93 | 91 | 61048 | 121 | 77 | 721 | 903 | 9 | 3310 | 66373 |
| 76 | TANNERS, FELLMONGERS AND PELT DRESSERS | 0 | 1 | 132 | 1 | 99 | 2 | 47 | 5 | 74 | 361 |
| 77 | FOOD AND BEVERAGE PROCESSORS | 274 | 50 | 32217 | 97 | 160 | 505 | 2223 | 21 | 1526 | 37073 |
| 79 | TAILORS, DRESS MAKERS, SEWERS, UPHOLSTERERS & RET WORKERS | 4 | 23 | 9691 | 4 | 67 | 1082 | 670 | 12 | 1794 | 13347 |
| 80 | SHOEMAKERS AND LEATHER GOODS MAKERS | 15 | 0 | 463 | 179 | 13 | 13 | 685 | 19 | 925 | 2312 |
| 81 | CARPENTER, CABINET AND RELATED WOOD WORKERS | 183 | 1182 | 3876 | 705 | 1790 | 57 | 3535 | 28 | 4111 | 15467 |
| 82 | STONE CUTTERS AND CARVERS | 0 | 52 | 77 | 63 | 59 | 0 | 74 | 1 | 62 | 388 |
| 83 | BLACKSMITH, TOOL-MAKER AND MACHINE TOOL OPERATORS | 694 | 3947 | 27857 | 2112 | 2688 | 289 | 7538 | 66 | 8217 | 53408 |
| 84 | MACHINERY FITTERS MACH ASSEMB & PREC INST MAK(E,E) | 3218 | 14124 | 58437 | 12645 | 12294 | 936 | 67664 | 855 | 23942 | 194115 |
| 85 | ELECTRICAL FITTERS & REPAIR ELECTRICAL, ELECTRONIC WORK | 5914 | 10114 | 29403 | 174253 | 18673 | 545 | 45824 | 366 | 19970 | 305062 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--|---|--------|--------|--------|--------|--------|-------|---------|--------|---------|---------|
| 86 | BROADCASTS STATION & SOUND EQP OPT & CIN PROJ | 90 | 5 | 346 | 208 | 22 | 27 | 158 | 163 | 2068 | 3087 |
| 87 | PLUMBERS,WELDR,SHEET METAL,STRUC MET PREP & ERECTOR | 423 | 2161 | 15041 | 6059 | 3633 | 152 | 5485 | 33 | 4935 | 37922 |
| 88 | JEWEL & PRECIOUS METL WORKR & METL ENGRAVER(EX PR) | 0 | 39 | 149 | 3 | 24 | 0 | 56 | 1 | 197 | 469 |
| 89 | GLASS FORMERS,POTTERS AND RELATED WORKERS | 24 | 566 | 1302 | 382 | 226 | 0 | 195 | 0 | 296 | 2991 |
| 90 | RUBBER & PLASTIC PRODUCTS MAKERS | 15 | 224 | 1653 | 18 | 70 | 1 | 1112 | 0 | 853 | 3946 |
| 91 | PAPER AND PAPER BOARD PRODUCT MAKERS | 0 | 0 | 76 | 0 | 2 | 0 | 32 | 0 | 39 | 149 |
| 92 | PRINTERS AND RELATED WORKERS | 280 | 939 | 15532 | 459 | 1130 | 168 | 745 | 673 | 8883 | 28809 |
| 93 | PAINTERS | 15 | 430 | 2356 | 285 | 664 | 102 | 3138 | 46 | 933 | 7969 |
| 94 | PRODUCTION AND RELATEDWORKERS,n.e.c | 55 | 1214 | 6953 | 77 | 207 | 4 | 1366 | 7 | 2464 | 12347 |
| 95 | BRICKLAYERS AND OTHER CONSTRUCTION WOEKERS | 477 | 787 | 2769 | 2788 | 20841 | 629 | 6128 | 17 | 3414 | 37850 |
| 96 | STATIONARY ENGINES&RELATED EQUIPMENT OPERATORS&OLE | 2073 | 5810 | 11252 | 25429 | 20746 | 641 | 17243 | 192 | 13770 | 97156 |
| 97 | MATERIAL HANDLING & RTL EQUIPMENT OPERATORS DOCKER | 348 | 15117 | 9565 | 2391 | 4800 | 1928 | 4878 | 369 | 10520 | 49916 |
| 98 | TRANSPORT EQUIPMENT OPERATORS | 9264 | 5513 | 6451 | 11808 | 24112 | 2056 | 213271 | 4559 | 84165 | 371199 |
| 99 | LABOURERS,n.e.c. | 33339 | 74742 | 132341 | 52705 | 112209 | 7001 | 102701 | 3926 | 122965 | 641929 |
| 7,8&9 PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS & LABOURERS | | 71544 | 214236 | 490762 | 295794 | 227872 | 18113 | 488120 | 11523 | 323390 | 2141354 |
| 0 TO 9 GRAND TOTAL | | 369101 | 280206 | 795558 | 544717 | 587147 | 89684 | 1405541 | 816832 | 5017977 | 9906763 |