

**THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA  
CENTRAL STATISTICAL AUTHORITY**

**REPORT ON LARGE AND MEDIUM SCALE  
MANUFACTURING AND ELECTRICITY  
INDUSTRIES SURVEY**

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## CONTENTS

	<u>PAGE NO.</u>
LIST OF TABLES . . . . .	II
LIST OF FIGURES . . . . .	IX
ABBREVIATIONS . . . . .	IX
<b>PART I. INTRODUCTION AND OBJECTIVES OF THE SURVEY</b>	
1. INTRODUCTION . . . . .	1
2. OBJECTIVES OF THE SURVEY . . . . .	2
<b>PART II. SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING</b>	
1. SCOPE, COVERAGE AND CONTENT . . . . .	3
2. BASIC CONCEPTS AND DEFINITIONS . . . . .	4
3. TRAINING OF FIELD STAFF . . . . .	9
4. METHOD OF DATA COLLECTION AND FIELD ORGANIZATION . . . . .	10
5. DATA PROCESSING . . . . .	10
a. EDITING, CODING AND VERIFICATION . . . . .	10
b. DATA ENTRY, CLEANING AND TABULATION . . . . .	11
<b>PART III. SUMMARY OF THE MAJOR FINDINGS OF THE SURVEY . . . . .</b>	<b>15</b>
<b>PART IV. STATISTICAL TABLES ON LARGE AND MEDIUM SCALE MANUFACTURING INDUSTRIES, 2000/2001 (1993 E.F.Y.) . . . . .</b>	<b>41</b>
<b>PART V. STATISTICAL TABLES ON TIME SERIES DATA OF LARGE AND MEDIUM SCALE MANUFACTURING INDUSTRIES, 1996/97 - 2000/2001 (1989 - 1993 E.F.Y.) . . . . .</b>	<b>165</b>
<b>PART VI. STATISTICAL TABLES ON ELECTRICITY INDUSTRIES, 1996/97 - 2000/2001 (1989 - 1993 E.F.Y.) . . . . .</b>	<b>211</b>
<b>ANNEX: SURVEY QUESTIONNAIRE . . . . .</b>	<b>217</b>

LIST OF TABLES

**PART III SUMMARY OF SELECTED SURVEY RESULTS**

<u>TABLE NO.</u>	<u>PAGE NO.</u>
SUMMARY TABLE 3.1 DISTRIBUTION OF LARGE AND MEDIUM SCALE MANUFACTURING INDUSTRIES BY REGIONAL STATES AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	16
SUMMARY TABLE 3.2 NUMBER OF PERSONS ENGAGED BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	18
SUMMARY TABLE 3.3 NUMBER OF EMPLOYEES BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	19
SUMMARY TABLE 3.4 PERCENTAGE DISTRIBUTION OF VALUE ADDED BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	20
SUMMARY TABLE 3.5 RATIO OF IMPORTED TO TOTAL RAW MATERIAL COSTS BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	22
SUMMARY TABLE 3.6 RATIO OF MAJOR INDICATORS - PUBLIC AND PRIVATE .....	23
SUMMARY TABLE 3.7 RATIO OF COST OF ENERGY CONSUMED TO TOTAL INDUSTRIAL COST BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	25
SUMMARY TABLE 3.8 RATIO OF VALUE ADDED TO GROSS VALUE OF PRODUCTION BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	27

<u>TABLE NO.</u>	<u>PAGE NO.</u>
SUMMARY TABLE 3.9	
RATIO OF COST OF LABOUR TO GROSS VALUE OF PRODUCTION BY INDUSTRIAL GROUP-PUBLIC AND PRIVATE .....	28
SUMMARY TABLE 3.10	
RATIO OF OPERATING SURPLUS TO GROSS VALUE OF PRODUCTION BY INDUSTRIAL GROUP-PUBLIC AND PRIVATE .....	29
SUMMARY TABLE 3.11	
PERCENTAGE DISTRIBUTION OF ESTABLISHMENTS BY FIRST MAJOR REASON FOR NOT BEING FULLY OPERATIONAL AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	31
SUMMARY TABLE 3.12	
PERCENTAGE DISTRIBUTION OF ESTABLISHMENTS BY FIRST REASON FOR NOT WORKING AT FULL CAPACITY AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	32
SUMMARY TABLE 3.13	
PERCENTAGE DISTRIBUTION OF ESTABLISHMENTS BY TYPE OF FIRST MAJOR OPERATIONAL PROBLEM FACED AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE.....	33

**PART IV. STATISTICAL TABLES ON LARGE AND MEDIUM SCALE  
MANUFACTURING INDUSTRIES, 2000/2001 (1993 E.F.Y.)**

<u>TABLE NO.</u>	<u>PAGE NO.</u>	
4.1	COVERAGE OF THE SURVEY .....	43
4.2	PAID-UP CAPITAL OF REPORTING ESTABLISHMENTS BY SOURCE OF OWNERSHIP AND INDUSTRIAL GROUP .....	45
4.3	NUMBER OF REPORTING ESTABLISHMENTS BY SIZE OF PAID-UP CAPITAL AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ....	47
4.4	NUMBER OF REPORTING ESTABLISHMENTS BY SIZE OF PAID-UP CAPITAL AND INDUSTRIAL GROUP - PUBLIC .....	49
4.5	NUMBER OF REPORTING ESTABLISHMENTS BY SIZE OF PAID-UP CAPITAL AND INDUSTRIAL GROUP - PRIVATE .....	51
4.6	NUMBER OF ESTABLISHMENTS BY INDUSTRIAL GROUP AND FORM OF OWNERSHIP .....	53
4.7	NUMBER OF OWNERS OF PRIVATE ESTABLISHMENTS BY FORM OF OWNERSHIP, SEX AND INDUSTRIAL GROUP .....	55
4.8	NUMBER OF ESTABLISHMENTS WITH AND WITHOUT BOOKS OF ACCOUNTS BY THE CALENDAR YEAR THEIR BOOKS OF ACCOUNTS ARE KEPT AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..	57
4.9	NUMBER OF ESTABLISHMENTS WITH AND WITHOUT BOOKS OF ACCOUNTS BY THE CALENDAR YEAR THEIR BOOKS OF ACCOUNTS ARE KEPT AND INDUSTRIAL GROUP - PUBLIC .....	59

TABLE NO.

PAGE NO.

4.10 NUMBER OF ESTABLISHMENTS WITH AND WITHOUT BOOKS OF ACCOUNTS BY THE CALENDAR YEAR THEIR BOOKS OF ACCOUNTS ARE KEPT AND INDUSTRIAL GROUP - PRIVATE ..... 61

4.11 NUMBER OF PERSONS ENGAGED BY SEX, NATIONALITY AND TOTAL WAGES AND SALARIES AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 63

4.12 NUMBER OF PERSONS ENGAGED BY SEX, NATIONALITY AND TOTAL WAGES AND SALARIES AND INDUSTRIAL GROUP - PUBLIC ..... 65

4.13 NUMBER OF PERSONS ENGAGED BY SEX, NATIONALITY AND TOTAL WAGES AND SALARIES AND INDUSTRIAL GROUP - PRIVATE ..... 67

4.14 NUMBER OF PERMANENT EMPLOYEES BY WAGES AND SALARIES GROUP - PUBLIC AND PRIVATE ..... 69

4.15 NUMBER OF PRODUCTION, APPRENTICES AND TEMPORARY WORKERS BY SEX, NATIONALITY AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 71

4.16 NUMBER OF ADMINISTRATIVE, TECHNICAL, CLERICAL AND OFFICE WORKERS BY SEX, NATIONALITY AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 73

4.17 NUMBER OF WORKING PROPRIETORS, ACTIVE PARTNERS AND FAMILY WORKERS BY SEX, NATIONALITY AND INDUSTRIAL GROUP - PRIVATE ..... 75

4.18 BASIC WAGES AND SALARIES, COMMISSION, BONUSSES, ALLOWANCES, FOOD AND LODGING AND SUPPLEMENTS TO WAGES AND SALARIES BY INDUSTRIAL GROUP PUBLIC AND PRIVATE ..... 77

4.19 BASIC WAGES AND SALARIES OF PRODUCTION WORKERS AND SEASONAL AND TEMPORARY WORKERS BY SEX, NATIONALITY AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 79

4.20 BASIC WAGES AND SALARIES OF ADMINISTRATIVE, TECHNICAL, CLERICAL AND OFFICE WORKERS BY SEX, NATIONALITY AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 81

4.21 NUMBER OF ESTABLISHMENTS AND NUMBER OF PERSONS ENGAGED BY SIZE OF PERSONS ENGAGED AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 83

4.22 NUMBER OF ESTABLISHMENTS AND NUMBER OF PERSONS ENGAGED BY SIZE OF PERSONS ENGAGED AND INDUSTRIAL GROUP - PUBLIC ..... 85

TABLE NO.

PAGE NO.

4.23 NUMBER OF ESTABLISHMENTS AND NUMBER OF PERSONS  
ENGAGED BY SIZE OF PERSONS ENGAGED AND INDUSTRIAL  
GROUP - PRIVATE ..... 87

4.24 NUMBER OF ESTABLISHMENTS, GROSS VALUE OF PRODUCTION,  
INDUSTRIAL COSTS, INDIRECT TAXES NET AND CENSUS VALUE  
ADDED BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 89

4.25 NUMBER OF ESTABLISHMENTS, GROSS VALUE OF PRODUCTION,  
INDUSTRIAL COSTS, INDIRECT TAXES NET AND CENSUS VALUE  
ADDED BY INDUSTRIAL GROUP - PUBLIC ..... 91

4.26 NUMBER OF ESTABLISHMENTS, GROSS VALUE OF PRODUCTION,  
INDUSTRIAL COSTS, INDIRECT TAXES NET AND CENSUS VALUE  
ADDED BY INDUSTRIAL GROUP - PRIVATE ..... 93

4.27 NUMBER OF ESTABLISHMENTS, GROSS VALUE OF PRODUCTION,  
INDUSTRIAL AND NON-INDUSTRIAL COSTS, INDIRECT TAXES  
NET AND VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT  
BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 95

4.28 NUMBER OF ESTABLISHMENTS, GROSS VALUE OF PRODUCTION,  
INDUSTRIAL AND NON-INDUSTRIAL COSTS, INDIRECT TAXES  
NET AND VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT  
BY INDUSTRIAL GROUP - PUBLIC ..... 97

4.29 NUMBER OF ESTABLISHMENTS, GROSS VALUE OF PRODUCTION,  
INDUSTRIAL AND NON-INDUSTRIAL COSTS, INDIRECT TAXES  
NET AND VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT  
BY INDUSTRIAL GROUP - PRIVATE ..... 99

4.30 GROSS VALUE OF PRODUCTION IN PRODUCERS' VALUES BY  
INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 101

4.31 ACTUAL VALUE OF PRODUCTION AS PERCENTAGE OF YEARLY  
CAPACITY BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .. 103

4.32 ACTUAL VALUE OF PRODUCTION AS PERCENTAGE OF YEARLY  
CAPACITY BY INDUSTRIAL GROUP - PUBLIC ..... 105

4.33 ACTUAL VALUE OF PRODUCTION AS PERCENTAGE OF YEARLY  
CAPACITY BY INDUSTRIAL GROUP - PRIVATE ..... 107

4.34 GROSS VALUE OF PRODUCTION BY SIZE OF PERSONS ENGAGED  
AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 109

4.35 GROSS VALUE OF PRODUCTION BY SIZE OF PERSONS ENGAGED  
AND INDUSTRIAL GROUP - PUBLIC ..... 111

4.36 GROSS VALUE OF PRODUCTION BY SIZE OF PERSONS ENGAGED  
AND INDUSTRIAL GROUP - PRIVATE ..... 113

4.37 VALUE ADDED BY SIZE OF PERSONS ENGAGED AND INDUSTRIAL  
GROUP - PUBLIC AND PRIVATE ..... 115

TABLE NO.

PAGE NO.

4.38 VALUE ADDED BY SIZE OF PERSONS ENGAGED AND INDUSTRIAL GROUP - PUBLIC ..... 117

4.39 VALUE ADDED BY SIZE OF PERSON ENGAGED AND INDUSTRIAL GROUP - PRIVATE .....119

4.40 SUMMARY OF OPERATIONS OF LARGE AND MEDIUM SCALE MANUFACTURING INDUSTRIES BY REGIONAL STATES AND MAJOR URBAN CENTERS - PUBLIC AND PRIVATE .....121

4.41 SUMMARY OF OPERATIONS OF LARGE AND MEDIUM SCALE MANUFACTURING INDUSTRIES BY REGIONAL STATES AND MAJOR URBAN CENTERS - PUBLIC .....122

4.42 SUMMARY OF OPERATIONS OF LARGE AND MEDIUM SCALE MANUFACTURING INDUSTRIES BY REGIONAL STATES AND MAJOR URBAN CENTERS - PRIVATE .....123

4.43 FIXED ASSETS AND NEW CAPITAL EXPENDITURE BY INDUSTRIAL GROUP AND OWNERSHIP .....124

4.44 FIXED ASSETS OF REPORTING ESTABLISHMENTS BY TYPE AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....126

4.45 FIXED ASSETS OF REPORTING ESTABLISHMENTS BY TYPE AND INDUSTRIAL GROUP - PUBLIC .....128

4.46 FIXED ASSETS OF REPORTING ESTABLISHMENTS BY TYPE AND INDUSTRIAL GROUP - PRIVATE .....130

4.47 FIXED ASSETS BY SIZE OF PERSONS ENGAGED AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....134

4.48 FIXED ASSETS BY SIZE OF PERSONS ENGAGED AND INDUSTRIAL GROUP - PUBLIC ..... 134

4.49 FIXED ASSETS BY SIZE OF PERSONS ENGAGED AND INDUSTRIAL GROUP - PRIVATE ..... 136

4.50 INVESTMENT IN FIXED ASSETS OF REPORTING ESTABLISHMENTS BY SOURCE AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....138

4.51 QUANTITY OF MAJOR RAW MATERIALS CONSUMED FOR REPORTING ESTABLISHMENTS BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 139

4.52 COST OF RAW MATERIALS, ENERGY CONSUMED AND PAYMENTS FOR INDUSTRIAL AND NON-INDUSTRIAL SERVICES RENDERED BY INDUSTRIAL GROUP- PUBLIC AND PRIVATE .....141

4.53 COST OF RAW MATERIALS, ENERGY CONSUMED AND PAYMENTS FOR INDUSTRIAL AND NON-INDUSTRIAL SERVICES RENDERED BY INDUSTRIAL GROUP- PUBLIC .....143

4.54 COST OF RAW MATERIALS, ENERGY CONSUMED AND PAYMENTS FOR INDUSTRIAL AND NON-INDUSTRIAL SERVICES RENDERED BY INDUSTRIAL GROUP- PRIVATE .....145



<u>TABLE NO.</u>	<u>PAGE NO.</u>
4.55	NUMBER OF ESTABLISHMENTS AND COST OF ENERGY CONSUMED BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 147
4.56	NUMBER OF ESTABLISHMENTS AND COST OF ENERGY CONSUMED BY INDUSTRIAL GROUP - PUBLIC ..... 149
4.57	NUMBER OF ESTABLISHMENTS AND COST OF ENERGY CONSUMED BY INDUSTRIAL GROUP - PRIVATE ..... 151
4.58	PRODUCTION OF MAJOR MANUFACTURED ARTICLES FOR REPORTING ESTABLISHMENTS BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 153
4.59	NUMBER OF ESTABLISHMENTS AND TOTAL REVENUE FROM SALES BY INDUSTRIAL GROUP -PUBLIC AND PRIVATE ..... 155
4.60	REVENUE FROM SALES BY SOURCE AND INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 157
4.61	REVENUE FROM SALES BY SOURCE AND INDUSTRIAL GROUP - PUBLIC ..... 159
4.62	REVENUE FROM SALES BY SOURCE AND INDUSTRIAL GROUP - PRIVATE ..... 161
4.63	ADVERTISING EXPENSE OF REPORTING ESTABLISHMENTS BY INDUSTRIAL GROUP ..... 163

**PART V. TIME SERIES DATA AND RATIOS OF MAJOR INDICATORS ON  
MANUFACTURING INDUSTRIES, 1996/97 - 2000/2001 (1989 - 1993 E.F.Y.)**

<u>TABLE NO.</u>	<u>PAGE NO.</u>
5.1	NUMBER OF ESTABLISHMENTS BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 167
5.2	NUMBER OF PERSONS ENGAGED BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 169
5.3	NUMBER OF EMPLOYEES BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 171
5.4	NUMBER OF FEMALE EMPLOYEES BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 173
5.5	WAGES AND SALARIES BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 175
5.6	GROSS VALUE OF PRODUCTION BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 177
5.7	CENSUS VALUE ADDED (AT MARKET PRICE) BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ..... 179

<u>TABLE NO.</u>		<u>PAGE NO.</u>
5.8	CENSUS VALUE ADDED (AT FACTOR COST) BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	181
5.9	VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT (AT MARKET PRICE) BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	183
5.10	VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT (AT FACTOR COST) BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	185
5.11	PRODUCTION OF MAJOR MANUFACTURED ARTICLES - PUBLIC AND PRIVATE .....	187
5.12	TOTAL FIXED ASSETS BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	189
5.13	NEW CAPITAL EXPENDITURE BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	191
5.14	OPERATING SURPLUS BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	193
5.15	RATIO OF IMPORTED TO TOTAL RAW MATERIAL COST BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	195
5.16	PERCENTAGE DISTRIBUTION OF VALUE ADDED BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	197
5.17	RATIO OF COST OF ENERGY CONSUMED TO TOTAL INDUSTRIAL COSTS BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	199
5.18	RATIO OF VALUE ADDED TO GROSS VALUE OF PRODUCTION - PUBLIC AND PRIVATE .....	201
5.19	VALUE ADDED PER PERSON ENGAGED BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	203
5.20	RATIO OF COST OF LABOUR TO VALUE ADDED BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	205
5.21	RATIO OF COST OF LABOUR TO GROSS VALUE OF PRODUCTION BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE .....	207
5.22	RATIO OF OPERATING SURPLUS TO GROSS VALUE OF PRODUCTION BY INDUSTRIAL GROUP - PUBLIC AND PRIVATE ....	209

**PART VI. TIME SERIES DATA ON ELECTRICITY INDUSTRY  
1996/97 - 2000/2001 (1989 - 1993 E.F.Y.)**

<u>TABLE NO.</u>		<u>PAGE NO.</u>
6.1	NUMBER OF EMPLOYEES BY OCCUPATIONAL GROUP AND SEX IN ELECTRICITY INDUSTRY .....	213
6.2	NUMBER OF EMPLOYEES BY WAGES AND SALARIES GROUP AND SEX IN ELECTRICITY INDUSTRY .....	213
6.3	WAGES AND SALARIES PAID BY OCCUPATIONAL GROUP IN	

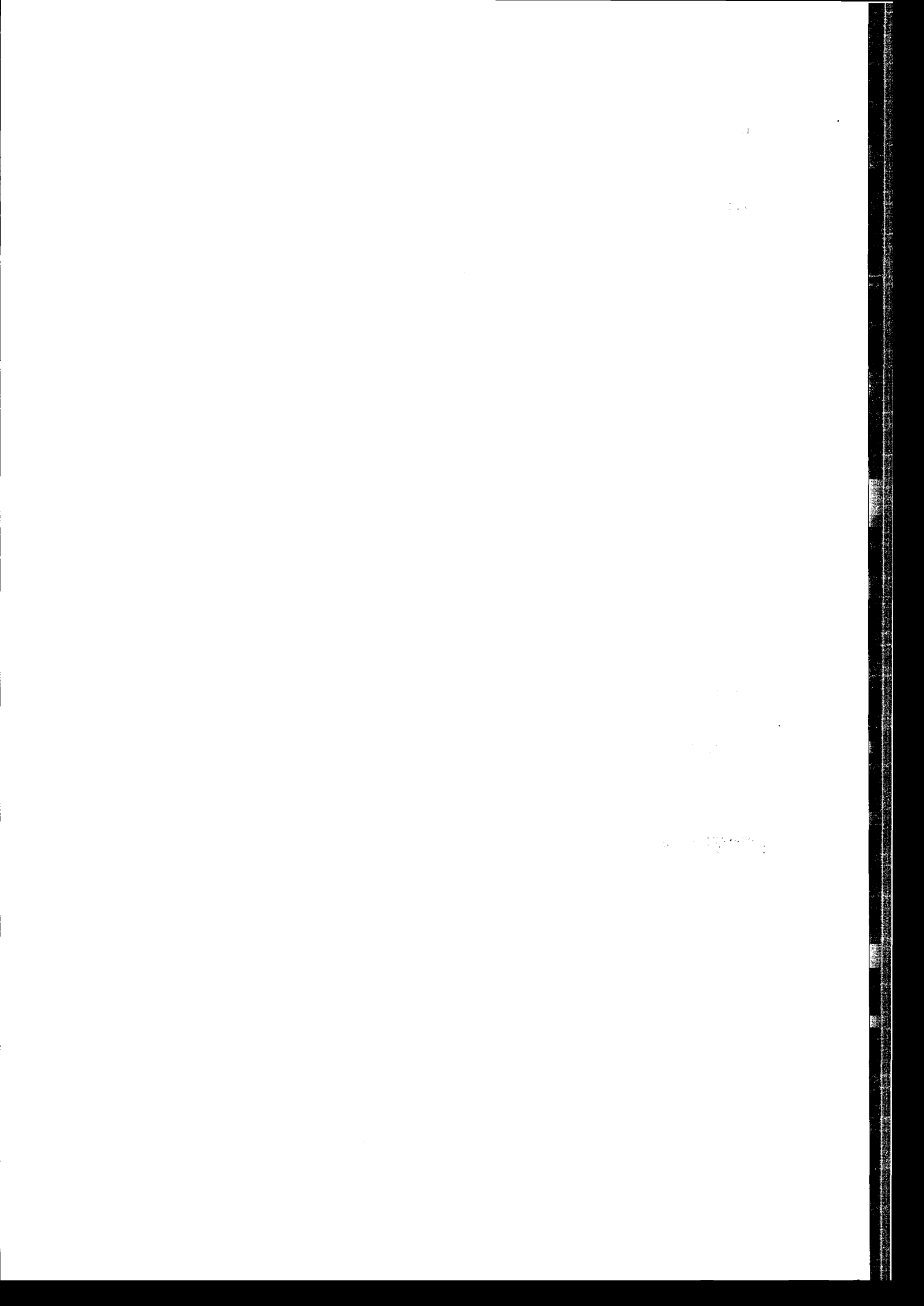
6.4	ELECTRICITY INDUSTRY .....	214
	INSTALLED GENERATING CAPACITY AND ELECTRICITY PRODUCTION .....	214
6.5	QUANTITY OF ELECTRICITY SOLD AND REVENUE FROM SALES OF ELECTRICITY BY TYPE OF TARIFF .....	215
6.6	GROSS REVENUE FROM SALES, TOTAL INTERMEDIATE COST AND VALUE ADDED IN THE ELECTRICITY INDUSTRY .....	215
6.7	VALUE OF FIXED ASSETS BY TYPE IN ELECTRICITY INDUSTRY .....	216
6.8	INVESTMENT IN FIXED ASSETS BY TYPE OF FIXED ASSETS IN ELECTRICITY INDUSTRY .....	216

### LISTS OF FIGURES

<u>FIGURE NO.</u>		<u>PAGE NO.</u>
FIG. I	GROSS VALUE OF PRODUCTION AT CURRENT PRICE BY OWNERSHIP, 1996/97 - 2000/2001 (1989 - 1993 E.F.Y.) . . .	34
FIG. II	VALUE ADDED BY OWNERSHIP, 1996/97 - 2000/2001 (1989 - 1993 E.F.Y.) .....	35
FIG. III	PERCENTAGE DISTRIBUTION OF VALUE ADDED BY INDUSTRIAL GROUP, 2000/2001 (1993 E.F.Y.) .....	36
FIG. IV	RATIO OF IMPORTED TO TOTAL RAW MATERIAL COST BY INDUSTRIAL GROUP, 2000/2001 (1993 E.F.Y.) .....	37
FIG. V	RATIO OF VALUE ADDED TO GROSS VALUE OF PRODUCTION, 2000/2001 (1993 E.F.Y.) .....	38
FIG. VI	INSTALLED GENERATING CAPACITY, 1996/97 - 2000/2001 (1989 - 1993 E.F.Y.) .....	39
FIG. VII	PRODUCTION OF ELECTRICITY, 1996/97 - 2000/2001 (1989 - 1993 E.F.Y.) .....	40

### ABBREVIATIONS

E.F.Y.	- Ethiopian Fiscal Year
G.C.	- Gregorian Calendar Year
S.N.N.P.	- Southern Nations, Nationalities and Peoples' Region
N.E.C.	- Not Elsewhere Classified
S.N.A.	- System of National Accounts
IMPS	- Integrated Micro-Computer Processing System
KW	- Kilowatt
KWH	- Kilowatt Hour



# PART I

## INTRODUCTION AND OBJECTIVES OF THE SURVEY

### 1. Introduction

The presence of adequate and current statistical data in various economic sectors that are considered essential for development planning, socio-economic policy formulation and economic analysis is vital in promoting the economic development of a country. Based on this general objective, the Central Statistical Authority (CSA) has been conducting surveys of various economic activities of which the annual Large and Medium Scale Manufacturing Industries survey is one.

Manufacturing is defined here according to International Standard Industrial Classification (ISIC Revision-3) as "the physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail. The assembly of the component parts of manufactured products is also considered as manufacturing activities."

Central Statistical Authority (CSA) has been publishing results of the survey of Manufacturing and Electricity Industries on annual basis since 1968 E.C. to provide users with reliable, comprehensive and timely statistical data on these sectors. In this respect, this survey is the principal source of industrial statistics on Large and Medium Scale Manufacturing sector in the country. The data are obtained by conducting Large and Medium Scale Manufacturing survey each year..

This publication presents the objectives, scope and coverage, training of field staff, methods of data collection and field organization, basic concepts and definitions, summary of selected survey results and structure and performance of

Large and Medium Scale Manufacturing and Electricity Industries. Accordingly, the bulletin has six parts: - Part I deals with an introduction and objective of the survey. Part II gives an overview about the survey methodology, data collection and processing. Part III presents summary of selected survey results on Large and Medium Scale Manufacturing industries. Part IV deals with the results of Large and Medium Scale Manufacturing establishments for the year 2000/2001 (1993 E.F.Y.). Part V deals with the time series data and various ratios for the period of five years i.e. 1996/97-2000/2001 (1989-1993 E.F.Y.) for Large and Medium Scale Manufacturing Industries. Finally Part VI presents the activity and performance of the Electricity Industry which also refers to the five years period, i.e. 1996/97-2000/2001 (1989-1993 E.F.Y.). Furthermore, the survey questionnaire for Large and Medium Scale Manufacturing Industries survey is attached as an appendix.

## **2. Objectives of the survey**

The main objectives of the annual survey of Large and Medium Scale Manufacturing and Electricity Industries are to :-

- a. obtain basic statistical data that are essential for policy makers, planners and researchers by industrial group.
- b. collect basic quantitative information on employment, volume of quantitative information on employment, volume of production and raw materials, structure and performance of the country's Large and Medium Scale Manufacturing and Electricity Industries.
- c. compile statistical data which will be an input to the System of National Accounts (SNA), on Large and Medium Scale Manufacturing and Electricity establishments as a whole and by industrial group.
- d. obtain the number of proprietors engaged in these sectors and find out the major problems that creates stumbling block for their activities. The identification of the problems are required for planning and executing any type of government intervention program.

## PART II

### SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING

#### 1. Scope and Coverage

The scope of the Large and Medium Scale Manufacturing survey is confined to those establishments which engage 10 persons and above and use power-driven machines and covers both public and private industries in all Regions of the country, where establishments under the scope of the survey are found. With regard to Electricity data, the survey covered only the electricity supplied by the Ethiopian Electric Power Corporation. In other words the negligible electric power services supplied by the other sources are not included in the survey.

Like the previous years, in the current survey an attempt was made to update the directory using as source of information the licenses issued by the Ministry of Trade and Industry and corresponding bureaux of the Regional States of the country for the large public sector industries and for the private establishments including co-operatives. Furthermore, due to various efforts made to include all the establishments under the scope of the survey, in this reference year the number of establishments covered by the survey increased by 8 than that of the previous survey period.

In this publication detailed information on number of establishments, number of persons engaged, and employees, wages and salaries paid by industrial group, sex, nationality and occupation, paid-up capital, gross value of production, industrial and non-industrial costs, value added, operating surplus, quantity of production and raw materials consumed, fixed assets, investment and production capacity are presented.

## 2. **Basic Concepts and Definitions:-**

- (i) **An Establishment:-** is defined as the whole of the premises under the same ownership or management at a particular address. (e.g. a bakery, a sawmill, ...etc.).
- (ii) **Paid-up Capital:-** is that part of the issued capital of an establishment that has been paid by the shareholders or the individual owner.
- (iii) **Working Proprietors, Active Partners and Family Workers:-** include all unpaid working proprietors, active partners and members of their household who actively participate in the operation of the establishment.
- (iv) **Administrative and Technical Employees:-** include salaried directors and managers, technicians, superintendents, research workers, draftsmen and designers, engineers, chemists, architects, accountants, book-keepers, office machine operators, receptionists, sales men, delivery personnel, guards and other office staff.
- (v) **Production Workers:-** include workers directly engaged in production i.e., persons engaged in fabricating, processing, assembling, maintenance, repair, janitorial, record keeping and other associated activities.
- (vi) **Seasonal and Temporary Workers:-** include workers who are employed for a whole or a part of the year. These workers are not regularly on the payroll of the establishment.
- (vii) **Number Employed:-** includes all persons on the payroll whether seasonal or temporary workers. The number of seasonal and temporary workers has been adjusted to give equivalent of full-time workers.



- (viii) **Number Engaged**:- includes paid employees and working proprietors, active partners, and unpaid family workers.
- (ix) **Basic Wages and Salaries**:- includes all payments in cash made to employees during the reference year. It excludes commissions, bonuses, professional and hardship allowances.
- (x) **Wages and Salaries**:- includes all payments in cash or in kind made to employees during the reference year in connection with work done for the establishments.
- (xi) **Commissions, Bonuses, Professional and Hardship Allowances**:- refer to the total of commissions, bonuses and cost of living allowances paid in cash to employees. This excludes car allowance and per diem.
- (xii) **Supplements to Wages and Salaries of Employees**:- represents payments made by the employer on behalf of his employees. Included are employers' contribution to social security systems, insurance premiums, ...etc. Only payments made by the employer are included here.
- (xiii) **Revenue from Sales**:- represents the total sales value of all products and by-products during the reference year valued at market price.
- (xiv) **Receipt from Industrial Services Rendered to Others**:- include all contract, repair and maintenance work done to others on raw materials and spareparts supplied by the customer.
- (xv) **Receipt of Products Bought and Resold**:- refers to revenue obtained from sales of all goods bought and resold during the reference year without any transformation or processing.