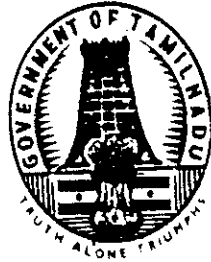
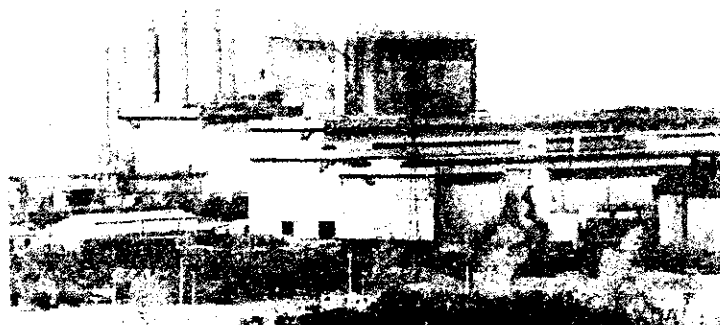


R.No.13 / 2013



REPORT ON
ANNUAL SURVEY OF INDUSTRIES
TAMIL NADU
2008-09



DEPARTMENT OF ECONOMICS AND STATISTICS
CHENNAI - 600 006

Preface

The industrial revolution had laid foundation for substantial transformation of mankind from primary sector to industrial sector. The industrial productivity is waxed through division of labour. Resulting prolific productivity and Production in Industrial sector promotes National Income of every country. Since then, the importance of calibrating the industries, output and employment has been grown. The Industrial statistics is perpetually significant to make appropriate industrial policy and implementation for invigorating the industries specifically at State level and National level at large.

The industries are classified as Micro level, Small scale, Medium and Large under the categories of organized and unorganised sectors in India. The study of organized or registered industries under sections of 2m (i) and 2m (ii) of factories Act, 1948 employing ten or more workers with power and 20 or more workers without power, are under the realms of Annual Survey of Industry and Index of Industrial Production.

The conduct of Annual Survey of Industries has been delegated to the States since 2000-01. This report enunciates the concepts, definitions, growths in industries and production along with many other facts relating to Industrial development of the State. The report is prepared based on the results ensuing pooling the unit level data of Central and State samples both at State level and sub State level.

I acknowledge the Central Statistics Office, Industrial Statistics wing, Kolkata for the guidance in conducting the Survey and supply of unit level data of Central samples for pooling with State samples.

I reckon that this report will reveal enough to the needs of Administrators, Policy makers, Planners, Industrial organisations, Chambers of Commerce and Research scholars.

I solicit suggestions and feedback to enhance this publication.

Place : Chennai 600 006.
Date : 08.05.2013.

(Sd.) T.K.PONNUSAMY.I.A.S.,
Director

Executive Summary

1. The total number of factories in the state has increased from 20898 during the year 2007-08 to 21756 during the year 2008-09 registering a positive growth of 4.11%.

2. The fixed capital and invested capital have increased from Rs.81851 crores and Rs.133622 crores during 2007-08 to Rs.109201 crores and Rs.171828 crores during 2008-09, showing an increasing trend of 33.42% and 28.59% respectively.

3. The number of workers and number of employees also have increased by 1.39% and 1.79% respectively in the year 2008-09.

4. The total input increased by 13.36% and the output increased by 12.04%.

5. There is an increase in workforce, increase in investment and input which resulted in increase in output and increase in emoluments by 25.60% and 23.34% respectively in the current year.

6. The net value added shows a substantial growth of 3.15% during 2008-09.

7. Though the large scale industries (with an investment of more than Rs.10crores) has only 2054 factories, during the current year, utilised the maximum fixed capital of 81.68% and produced largest output of 63.36%. It generated employment opportunity by engaging 41.33% of workers and 42.28% of employees, paying huge amount of wages and emoluments to the extent of 58.68% and 60.48% respectively during 2008-09.

8. Out of the 21756 factories in the state, the industrial group of manufacture of textiles has the maximum number of 3895 factories. The numbers of employees, employed in this industry group alone are 364876 which are the highest among the other groups and large amount of emoluments of Rs. 2429 crores has been paid to them. The total value of output and net value added in this industry group stands at Rs. 41863 crores and Rs.9582 crores respectively.

9. On analysing the other group of industries it is seen that under code 29 manufacture of Motor vehicles, trailers though the number of industries was only 564, its contribution to total output and net value added was Rs.44055 crores and Rs. 4477 crores which is 13.6% and 10.24% respectively.

10. More than 1000 factories were found in 8 districts as follows:

Vellore	1070
Salem	1107
Erode	1218
Chennai	1319
Virudhunagar	1621
Kancheepuram	1659
Tiruvallur	2258
Coimbatore	4043

11. More than 500 and less than 1000 factories were traced in following seven districts:

Tirunelveli	513
Dindigul	525
Kanyakumari	607
Thuthukkudi	638
Tiruchy	734
Namakkal	807
Madurai	819

CONTENTS

Sl.No.	Description	Pg.No.
	Chapter - I	
01	Introduction	1-5
	Chapter – II	
02	Concepts and Definition	6-11
	Chapter – III	
Table No.	Analytical review of results	
3.1	PRINCIPAL CHARACTERISTICS OF FACTORIES	12
3.2	COMPARATIVE STATEMENT OF CERTAIN PRINCIPAL CHARACTERISTICS OF FACTORIES	17
3.3	STRUCTURAL RATIOS AND TECHNICAL CO-EFFICIENTS FOR THE YEAR 2007-08 AND 2008-09	20
3.4A	DISTRIBUTION OF ESTIMATED FACTORIES BY THE TYPE OF INDUSTRY GROUP	24
3.4B	DISTRIBUTION OF ESTIMATED EMPLOYEES BY THE TYPE OF INDUSTRY GROUP	27
3.4C	DISTRIBUTION RANGE OF SELECT FACTORIES AND THEIR EMPLOYEES IN PERCENTAGE	29
3.5	PRINCIPAL CHARACTERISTICS OF FACTORIES FOR THE YEAR 2008-09 BY SIZE CLASSIFICATION OF INDUSTRIES	32
3.6	THE PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF CAPITAL INVESTMENT IN PLANT AND MACHINERY DURING THE YEAR 2008-09	35
3.7	PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF WORKERS DURING THE YEAR 2008-09	40
3.8	DISTRIBUTION OF PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF TOTAL VALUE OF OUTPUT DURING THE YEAR 2008-09	43
3.9	DISTRIBUTION OF DERIVED STRUCTURAL RATIOS AND TECHNICAL COEFFICIENT BY SIZE OF GROSS VALUE OF OUTPUT DURING THE YEAR 2008-09	45
3.10	DISTRIBUTION OF PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF NET VALUE ADDED DURING THE YEAR 2008-09	50
3.11	DISTRIBUTION OF DERIVED STRUCTURAL RATIOS AND TECHNICAL COEFFICIENT BY SIZE OF NET VALUE ADDED DURING THE YEAR 2008-09	57
3.12	DISTRIBUTION OF ESTIMATED FACTORIES BY DISTRICT IN 2008 – 2009	60
3.13	DISTRIBUTION OF FIXED CAPITAL TO DISTRICTS	62
3.14	PERCENTAGE SHARE OF VALUE OF OUTPUT TO DISTRICTS	64
3.15	PERCENTAGE SHARE OF EMPLOYEES TO DISTRICTS	65
3.16	PERCENTAGE SHARE OF NET VALUE ADDED TO DISTRICTS	67

ANNEXURE - 1

Sl.No.	Description	Pg.No
ANNEXURE-1		
DETAILED STATISTICAL TABLES		
1	Principal Characteristics of factories (estimated) by major industry groups during the year 2008-09	69
2	STRUCTURAL RATIOS AND TECHNICAL CO-EFFICIENTS by major industry group during THE YEAR 2008-09	72
3	Average annual earning per employee by major industry groups during the year 2008-09	75
4	Selected characteristics of factories (estimated) by major industry group (2 digit NIC'08) during the year 2008-09	78
5	Selected characteristics of factories (estimated) by major industry group (3 digit NIC'08) during the year 2008-09	87
6	Principal Characteristics of factories (estimated) districts-wise during the year 2008-09	108
ANNEXURE-2		
	NATIONAL INDUSTRIAL CLASSIFICATION CODE-2008	110
ANNEXURE-3		
	SCHEDULE FOR DATA COLLECTION	

CHAPTER - I

As India is the labour intensive country in nature, it was stated that Mass production by Masses. The architects of the post Independence era had thought that the industries are Modern Temples of India. We have developed vagaries of industries which are categorized as Micro, Small, Medium and Large industries on the basis of diverging Capital Investment. The structural changes, growth of these industries have been studied by various sorts of surveys and censuses.

The "Annual Survey of Industries" has been brought into the fore as it is one of the core statistics in the list of 24 sorts of Statistics manuals recommended by National Statistical Commission. This is the prime source of industrial statistics in the country. It covers all factories registered under the Factories Act-1948, sections 2(m) (i) for industries having 10 or more workers with power and 2(m) (ii) for industries having 20 or more workers without power and Bidi and Cigar workers (condition of employment) Act, 1966. Tamil Nadu has been one among the 20 States conducting this survey since 2000-2001.

This survey effectively and elaborately scales the industrial units operating in manufacturing processes, repair services, gas and water supply and cold storage under non household sector.

The survey is conducted annually under the statutory provisions of the Collection of Statistics Act, 1953. This is the only principal resource of data for organized sector. This survey helps altogether to ascertain the move over in the growth of industries composition and its structure.

OBJECT OF THE SURVEY:

1. To estimate the contribution of registered manufacturing industries as a whole and of each type of industry to National Income.
2. For systematic study of the structure of the industry as a whole and of each type of industry.
3. For analysis of various factors influencing industries in the country and
4. To construct a comprehensive, factual and systematic basis for formulation of industrial policies.

COVERAGE:

In terms of Industrial units, the Annual Survey of Industries covers the following:

- i) All the factories and industrial units registered under section 2m(i) and 2m (ii) of the factories Act 1948 employing 10 (or) more workers using power and 20 or more workers but not using power on any day of the preceding 12 months.
- ii) Beedi and Cigar manufacturing establishments registered under the Beedi and Cigar workers Act 1966 employing 10 (or) more workers using power and employing 20 or more workers but not using power on any day of the preceding 12 months.
- iii) Certain services and activities like cold storage, water supply, repair of motor vehicles and other consumer durables like watches etc.
- iv) All the electricity undertakings engaged in the generation, transmission and distribution of electricity registered with the Central Electricity Authority (CEA) irrespective of their employment size being covered in Annual Survey of Industries from 1962 onwards.

UNIT OF ENUMERATION:

- 1) Factory is the primary unit of enumeration for manufacturing industries,
- 2) A workshop for repair services,
- 3) An undertaking or a licensee for electricity, gas and water supply undertakings and
- 4) An establishment for Beedi and cigar industries, in the survey.

UPDATION OF FRAME:

Annual Survey of Industries frame consists of the registered industrial units maintained by the Chief Inspector of Factories and those maintained by registration authorities in respect of

- ❖ Beedi and Cigar establishments employing 10 or more workers with power and 20 or more workers without power.
- ❖ Electricity undertakings

The frame is being revised once in three years from 1989-90. At the time of revision, the Central Statistical Office removes the names of the de-registered factories from the Annual Survey of Industries frame and the newly registered factories are added to the frame. The frame is updated every year by the Regional Officers of the Field Operation Division of National Sample Survey Office in consultation with the Chief Inspector of Factories in the State.

All the industrial units in the frame have been classified into two sectors, namely

- 1) Census Sector and
- 2) Sample Sector.

CENSUS SECTOR:

The Census Sector consists of

- 1) All the industrial units situated in the less developed States / Union Territories namely Manipur, Meghalaya, Nagaland, Tirupura and Andaman and Nicobar Islands.
- 2) Units having 100 or more workers in the rest of the 26 States / Union Territories.

SAMPLE SECTOR:

Units other than the above categories have been classified as Sample Sector.

REFERENCE PERIOD:

Reference period for Annual Survey of Industries is the accounting year of factory ending on any day between 1st April and 31st March.

STATE PARTICIPATION FROM 2000-01:

Since, the Central Statistical Organisation has reduced its sample size considerably from 1997-98, the results arrived from this reduced sample do not provide valid estimates at the district level. Need for district level estimates was felt, by the State Government in the preparation of District Domestic Product (DDP) and also for taking effective policy measures to review regional imbalance within the State. To achieve this, Central Statistical Organisation suggested that the State Government to canvass requisite number of additional schedules in Annual Survey of Industries and process the same to merge with the data from the "Central Sample" already provided by Central Statistical Organisation to enable this department to generate district level estimates.

From the year 2000-01 onwards the Central Statistical Organisation has allotted additional samples as residual samples to this department for canvassing the data. With the help of the field staff of this department the (allotted units were contacted) schedules are canvassed. The data thus canvassed are being scrutinised and data entry is carried out at Department of Economics and Statistics. The Central Statistical Organisation also supplies requisite software packages for scrutiny, tabulation and validation of the data. The data thus compiled are analysed and estimated for the residual sample by arriving multiplier as per the guidelines given by CSO. After finalisation of the state sample results, the CSO census and sample data put together and a pooled estimate for the year are arrived.

INDUSTRIAL CLASSIFICATION OF INDUSTRIES:

The industrial classification adopted in the survey for grouping the factories is in accordance with the National Industrial Classification 2008

USES OF THE REPORT (ASI DATA):

The Annual Survey of Industries data are utilised for State Income estimation and Capital formation under manufacturing sector (Registered Factories) at the State level. Annual Survey of Industries data depicts the overall performance of the Industrial Sector of the State. It is useful to construct a comprehensive, factual and systematic basis for formulation of Industrial policies. These data are useful to Government, Planners, Administrator and Research scholars to study the trend in the industrial sector over a period and serve as a tool for prospective planning with regard to industrial development. Annual Survey of Industries data helps to assess and evaluate objectively and realistically the changes in the growth, composition and structure of the organised manufacturing industries.

PRESENTATION OF DATA:

The estimated results presented in this report are related to reported factories of both Census and Sample sector of Annual Survey of Industries of 2008-09. The statements depict several important Industrial characteristics such as changes in Fixed Capital, Working capital, Invested Capital, Number of Employees, Workers and Emoluments paid to them, Value of Output, Value of input and Net Value Added etc. Besides, a comparative analysis has been done in the report to show the trend of Industrial growth in the State and at District level.

The value figures are generally rounded off to lakhs of Rupees and the total of all industry figures may not tally with the sum of individual industry figures.

CHAPTER - II

CONCEPTS AND DEFINITIONS

- **REFERENCE YEAR** 2008-09 was the accounting year of the factory ending on 31st March 2009 while the survey was conducted in the year 2009-2010
- **FACTORY** is one, which is registered under sectors 2m (i) and 2m (ii) of the Factories Act. 1948. The sections 2m(i) and 2m(ii) refer to any premises including the precincts thereof (a) whereon ten or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power, or is ordinarily so carried on or (b) whereon twenty or more workers are working or were working on any day of the preceding twelve months and in any part of which a manufacturing process is being carried on without aid of power, or is ordinarily so carried on.
- **FIXED CAPITAL** represents the depreciated value of fixed capital owned by the factory as on the closing day of the accounting year. Fixed assets are those, which have a normal productive life of more than one year. Fixed assets includes land including leasehold land, buildings, plant and machinery, furniture and fixtures, transport equipment, water system and roadways other fixed assets such as hospitals, schools, etc., used for the benefit of factory personnel.
- **PHYSICAL WORKING CAPITAL** is the total inventories comprising of raw materials and components, fuels and lubricants, spares, stores and others, semi-finished goods and finished goods as on the closing day of the accounting year. However, it does not include the stock of the materials, fuels, stores, etc., supplied by others to the factory for processing and finished goods processed by the factory from raw materials supplied by others.
- **WORKING CAPITAL** is the sum total of physical working capital as already defined above and the cash deposits in hand and at bank and the net balance receivables over amounts payable at the end of the accounting year. Working capital, however, excludes unused overdraft facility, fixed deposits

irrespective of duration, advances for acquisition of fixed assets, loans and advances by Proprietors and partners irrespective of their purpose and duration, long-term loans including interest thereon and investments.

- **PRODUCTIVE CAPITAL** is the total of fixed capital and working capital as defined above.
- **INVESTED CAPITAL** is the total of fixed capital and physical working capital as defined above.
- **GROSS VALUE OF PLANT AND MACHINERY** represents the total original (under depreciated) value of installed plant and machinery at the end of the accounting year. It includes the book value of the newly installed plants and machinery and the approximate value of rented in plants and machinery at the time of renting-in but exclude the value of rented-out plants and machinery. Total value of all the plants and machinery acquired on hire-purchase basis is also included.
- **OUTSTANDING LOANS** represent all loans whether short term or long term, whether interest bearing or not, outstanding according to the books of the factory as on the closing day of the accounting year.
- **RENT PAID** represents the amount of royalty paid in the nature of rent for the use of the fixed assets in the factory.
- **INTEREST PAID** includes all interest paid on factory account on loans, whether short term or long term, irrespective of the duration and the nature of agency from which the loan was taken. Interest paid to partners and Proprietors on capital or loan are excluded.
- **WORKERS** are defined to include all persons employed directly or through any agency whether for wages or not and engaged in any manufacturing process or in cleaning any part of the machinery or premises used for manufacturing process or in any other kind of work incidental to or connected with the manufacturing process or the subject of the manufacturing process. Labour engaged, in the repair and maintenance or production of fixed assets

for factory's own use or labour employed for generating electricity or producing coal, gas, etc., are included.

- **EMPLOYEES** include all workers defined above and persons receiving wages and holding supervisory or managerial positions engaged in administrative office, store keeping section and welfare section, sales department as also those engaged in purchase or raw materials etc., or purchase of fixed assets for the factory and watch and ward staff.
- **TOTAL PERSONS ENGAGED** include the employees as defined above and all working Proprietors and their family members who are actively engaged in work of the factory even without any pay and the unpaid members of the co-operative societies who worked in or for the factory in any direct and productive capacity. The number of workers or employees in an average number obtained by dividing man-days worked by the number of days the factory had worked during the reference year.
- **MANDAYS** represents the total number of days worked and the number of days paid for during the accounting year. It is obtained by summing-up the number of persons of specified categories attending in each shift over all the shifts worked on all days.
- **WAGES AND SALARIES** are defined to include all remuneration in monetary terms and also payable more or less regularly in each pay period to workers as compensation for work done during the accounting year. It includes (a) direct wages and salary (i.e., basic wages/salaries, payment of overtime, dearness, compensatory, house rent and other allowance), (b) remuneration for the period not worked (i.e., basic wages, salaries and allowances payable for leave period, paid holiday, lay-off payments and compensation for unemployment, if not paid from sources other than employers) (c) bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses, productive bonuses, profit sharing bonuses, festival or year end bonuses, etc.,). It excludes lay off payments which are made from trust or other special funds set up exclusively for this purpose i.e., payment not made by the employer. It also excludes imputed value of benefits in kind,

Employer's contribution to old age benefits and other social security charges, direct expenditure on maternity benefits creches and other group benefits. Travelling and other expenditure incurred for business purposes and reimbursed by the employer are excluded. The wages are expressed in terms of gross value i.e., before deduction for fines, damages, taxes, provident fund employee's state insurance contribution, etc./

- **CONTRIBUTION TO PROVIDENT FUND AND OTHER FUNDS** include old age benefits like provident fund, pension, gratuity, etc., and employers contribution towards other social security charges such as employees state insurance, compensation for work injuries and occupational diseases, provident fund-linked insurance, retrenchment and lay off benefits.
- **WORK MEN AND STAFF WELFARE EXPENSES** includes group benefits like direct expenditure on maternity, creches, canteen facilities, educational, cultural recreational facilities, and grants to trade unions, co-operative stores, etc., meant for employees.
- **TOTAL EMOLUMENTS** is defined as the sum of wages and salaries.
- **FUELS CONSUMED** represent total purchase value of all items of fuels such as coal, liquefied petroleum gas, petrol, diesel, electricity, lubricants, water, etc., consumed by the factory during the accounting year but excluding the items which directly enter into the manufacturing process.
- **MATERIAL CONSUMED** represent the total delivered value of all item of raw materials, components, chemicals, packing materials and stores, which actually enter into the production process of the factory during the accounting year. It also includes the cost of all materials used for the construction of building, etc., for the factory's own use. It, however, excludes all intermediate products consumed during the accounting year. Intermediate products are those products, which are produced by the factory but are subject to further manufacturing.

- **EX-FACTORY VALUE** of all products and by-products manufactured is obtained at the rate of net sale-value (inclusive of subsidies etc.) with respect to each of the items.
- **TOTAL INPUT** comprise total value of fuels, materials consumed as well as expenditures such as cost of contract and commission work done by others on materials supplied by the factory, cost of materials consumed for repair and maintenance work done by others to the factory's fixed assets, inward freight and transport charges, rate and taxes (excluding income tax), postage, telephone and telex expenses, insurance charges, banking charges, cost of printing and stationery and purchase value of goods sold in the same condition as purchase.
- **TOTAL OUTPUT** comprises total ex-factory value of products and by-products manufactured as well as other receipts from non industrial services rendered to others work done for others on materials supplied by them, value of electricity produced and sold, sale value of goods sold in the same condition as purchased, addition in stock of semi-finished goods and own construction.
- **DEPRECIATION** is consumption of fixed capital due to wear and tear and obsolescence during the accounting year and is taken as provided by the factory owner or is estimated on the basis of cost of installation and working life of the fixed assets.
- **NET VALUE ADDED** is arrived at by deducting total input and depreciation from total Output.
- **COMPONENTS AND ACCESSORIES CONSUMED** are the portion of materials consumed and shown separately to represent as a special type of consumption.
- **IMPORTED MATERIALS CONSUMED ON ACTUAL USE** comprises the portion of materials consumed and which are imported from other countries. It may be raw materials or fuels or components and accessories of the input basket.

- **SEMI-FINISHED GOODS** refer to the imputed value of all materials which have been partially processed by the factory but which are not usually sold without further processing. It includes the work in progress for materials supplied by others, but excludes the value of semi-finished fixed assets produced for factory's own use.
- **FINISHED GOODS** of the factory are the ultimate products ready for sale. It does not require further processing but includes packaging and labelling etc.

Chapter III

3.1 A plethora of data over the characteristics of industrial sectors of the State are brought to light in this chapter. The statement 3.1 accentuates the 21 Principal Characteristics of factories surveyed in Tamil Nadu during the year 2008-09 comparatively with 2007-08. The growth were upbeat in all of the characters except in three.

STATEMENT 3.1

PRINCIPAL CHARACTERISTICS OF FACTORIES

Sl. No	Characteristics	unit	2007-08 Estimated	2008-09 Estimated	Percentage Variation
1	Number of Factories	Numbers	20898	21756	4.11
2	Fixed Capital	Rs. In lakhs	8185077	10920140	33.42
3	Physical Working Capital	Rs. In lakhs	5177112	6262683	20.97
4	Working Capital	Rs. In lakhs	2214034	1328714	-39.99
5	Invested Capital	Rs. In lakhs	13362189	17182823	28.59
6	Productive Capital	Rs. In lakhs	10399111	12248854	17.79
7	Outstanding Loan	Rs. In lakhs	5411525	4806080	-11.19
8	Number of Workers	Numbers	1428678	1448548	1.39
9	Man-days (Workers)	(in '000)	436733	443055	1.45
10	Number of Employees	Numbers	1693154	1723456	1.79
11	Man-days (Employees)	(in '000)	515527	527049	2.23
12	Wages to workers (including Bonus)	Rs. In lakhs	1344268	1688462	25.60
13	Emoluments (including P.F. and Welfare expenses)	Rs. In lakhs	1588423	1959237	23.34
14	Fuels consumed	Rs. In lakhs	1399622	1496922	6.95
15	Material consumed	Rs. In lakhs	17786126	20263529	13.93
16	Total Input	Rs. In lakhs	23925432	27120935	13.36
17	Total Output	Rs. In lakhs	28975054	32462426	12.04
18	Depreciation	Rs. In lakhs	811006	969501	19.54
19	Gross value added	Rs. In lakhs	5049622	5341491	5.78
20	Net Value added	Rs. In lakhs	4238616	4371990	3.15
21	Net Income	Rs. In lakhs	3553894	3417063	-3.85

3.2 A favorable industrial trend was found through the estimated numbers of factories which had grown by 4.11 percent to 21756 when compared to 20898 in the preceding year 2007-08. The year to year analysis of growth of factories can be seen in the next statement.

3.3 The fixed capital is the main propelling force for a factory. The capital on land, building, machineries and equipments are referred to as fixed capital. This facilitates for working capital for future development. The estimated fixed capital of Tamil Nadu flaunts the robust growth of 33.42 percent to Rs.109,20,140 lakhs in 2008-09 over the previous year.

3.4 The physical working capital specifies that the raw materials and components, fuel and lubricants, spares, semi and finished goods categorized under inventory. The statement above explicates that the estimated physical working capital grew by 20.97 percent to Rs. 62,62,683 lakhs when compared to previous year, in the State.

3.5 Working capital accounts for cash, accounts receivable and miscellaneous assets. The year 2008-09 was the critical year for industrial sector as the Global Economic slowdown devoured the strength and stamina of industrial sector worldwide. This resulting effect reverberated in Tamil Nadu also. The estimated working capital shrank by -39.99 percent to Rs.2214034 lakhs in 2007-08 whereas it was Rs.1328714 lakhs in 2008-09.

3.6 The entirety of fixed capital and working capital, fixed capital and physical working capital are termed as productive capital and invested capital respectively. The productive capital rose by 17.79 percent and invested capital climbed to 28.59 percent in the year under review.

3.7 The estimated **Outstanding Loan** comprises of both short and long term loans irrespective of interest had dwindled by -11.19 percent in Tamil Nadu in 2008-09 over the previous year.

3.8 Number of workers, their man-days, Number of Employees and their man-days were growing moderately. However, the different rate of increase in wage between workers and employees was seen since the workers engaged in manufacturing process and employees performed managerial or supervisory proceedings.

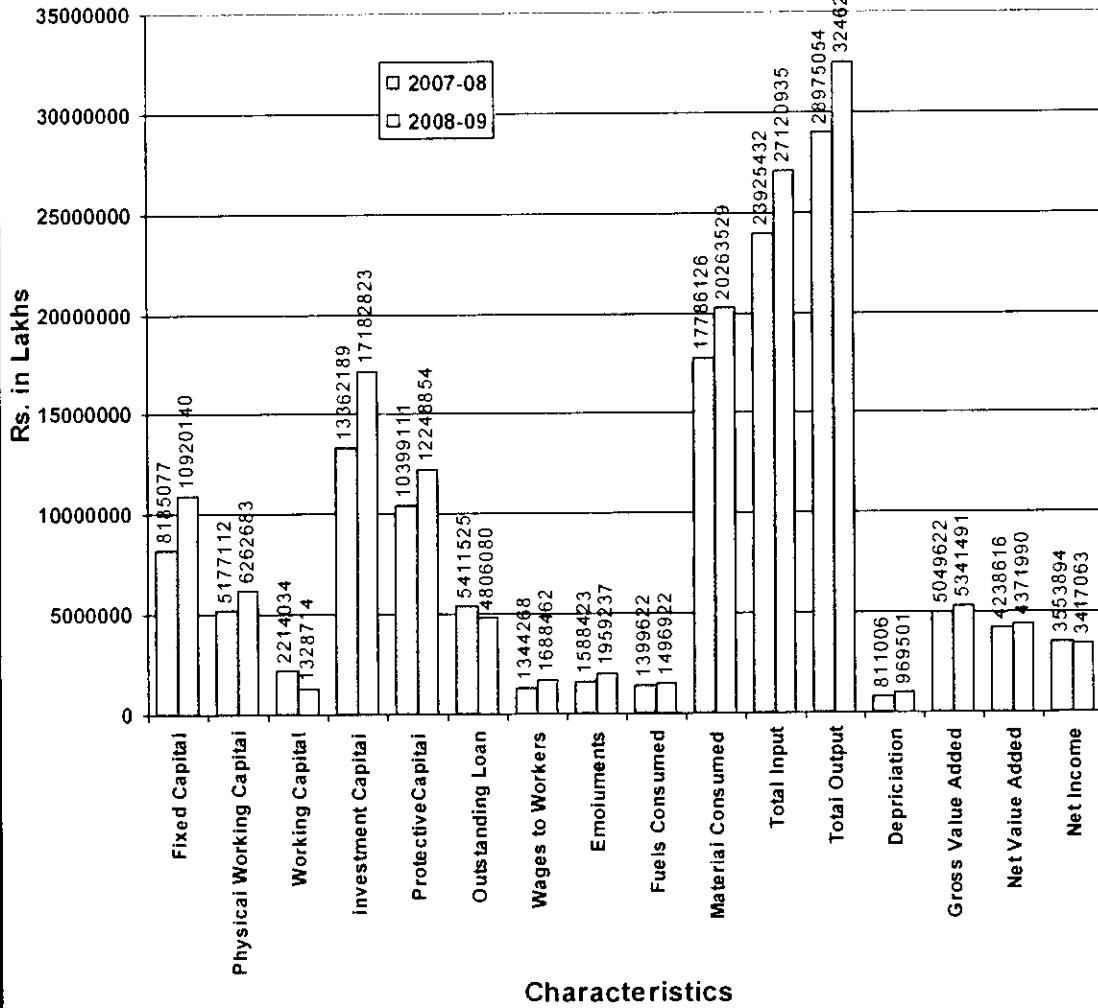
3.9 The accelerating tendencies had found in Wages to workers (including Bonus), Emoluments (including P.F. and Welfare expenses), Fuels consumed and Material consumed.

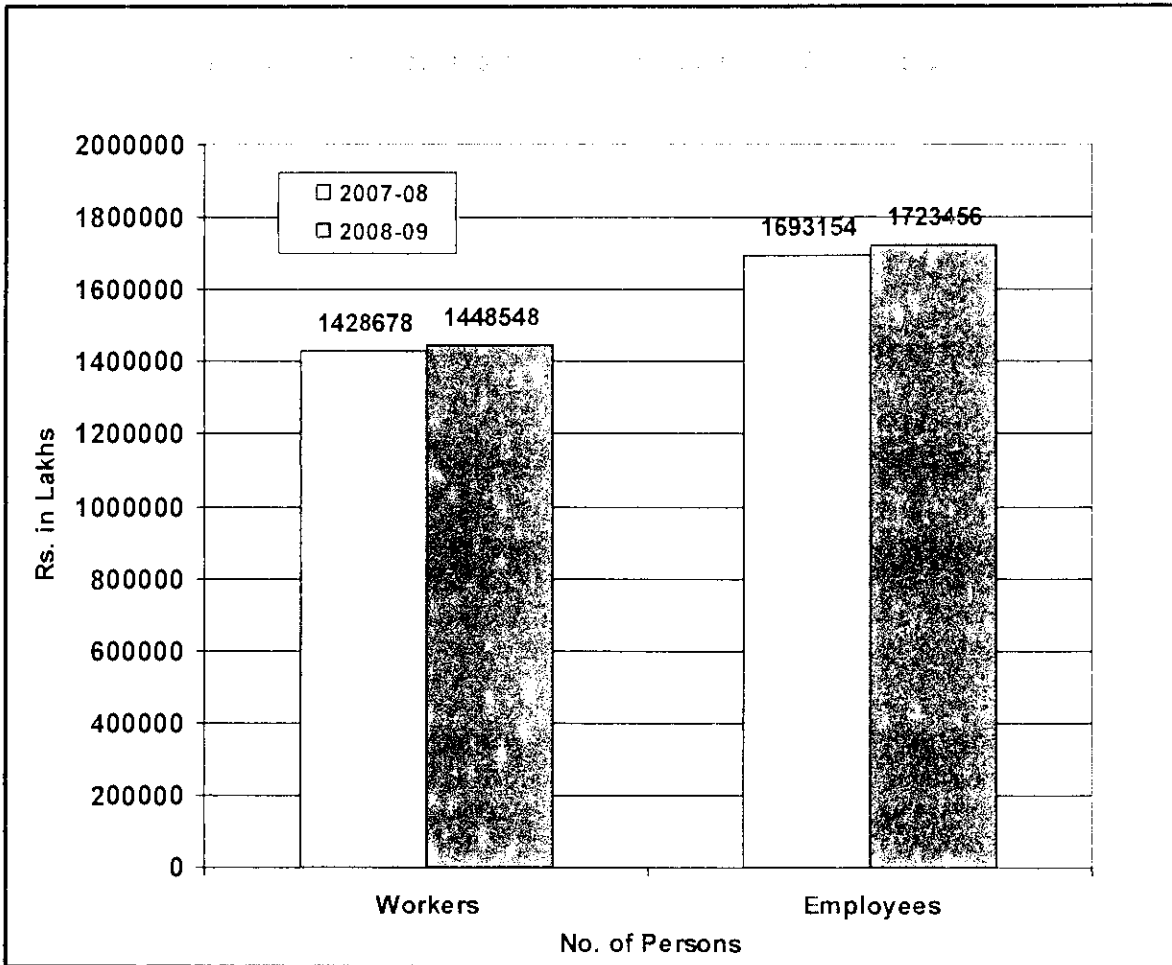
3.10 Total Input had increased by 13.36 percent to Rs.27120935 lakhs in 2008-09, the Total Output increased by 12.04 percent. The Depreciation was 19.54 percent. The gross value added is nothing but addition to the value of goods and services produced in the reference year. It is obtained by deducting the total input in total output. The **Gross Value Added** for the year 2008-09 was gained by 5.78 percent.

3.11 The **Net value added** is obtained by deducting depreciation from gross value added or deducting both the value of input and depreciation from the value of gross value of output. The report illustrates that the net value added was 3.15 percent.

3.12 Deducting the total rent and interest paid from the net value added during the survey period is referred to as net income. Industrial net income in the State was tumbled down by -3.85 percent.

Principal Characteristics of Factories (Estimated) for the years
2007-08 and 2008-09





The Year to Year Analysis of selected characteristics of Industries from 2004-05 to 2008-09

In the previous pages the trend between the reference year and immediate previous year was analysed in detail. The year to year analysis over the years might give better understanding towards the structure and growth of industries in Tamil Nadu, is illuminated in the statement as follows:

STATEMENT 3.2

COMPARATIVE STATEMENT OF CERTAIN PRINCIPAL CHARACTERISTICS OF FACTORIES

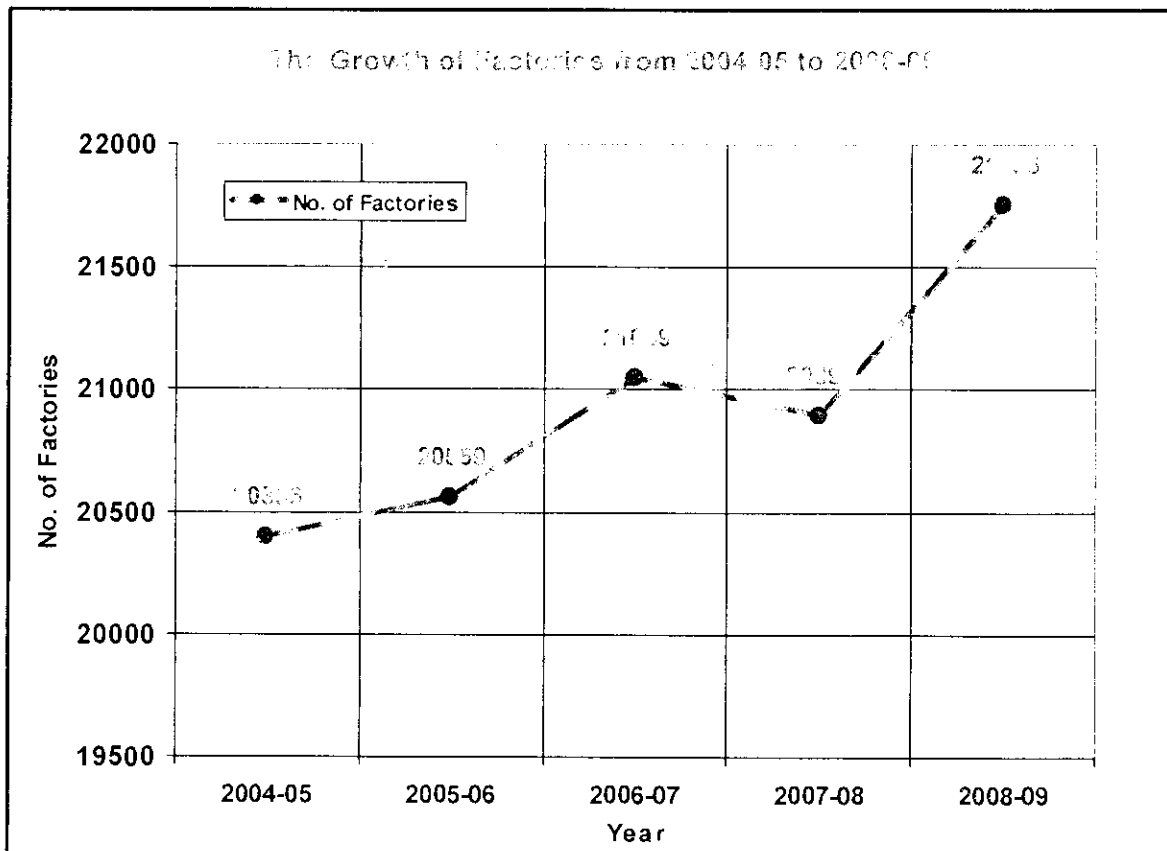
Sl. No.	characteristics	unit	Estimated					percent of change over 2004-05
			2004-05	2005-06	2006-07	2007-08	2008-09	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Factories	Nos	20396	20559	21049	20898	21756	6.67
		percent		0.80	2.38	-0.72	4.11	
2	Workers	Nos	1075264	1125064	1327526	1428378	1448548	34.72
		percent		4.63	18.00	7.60	1.41	
3	Employees	Nos	1292285	1351949	1641672	1693154	1723456	33.37
		percent		4.62	21.43	3.14	1.79	
4	Fixed Capital	Rs.in lakh	5315156	6086464	7328161	8185077	10920140	105.45
		percent		14.51	20.40	11.69	33.42	
5	Net value added	Rs.in lakh	2205393	3065065	3972207	4238616	4371990	98.24
		percent		38.98	29.60	6.71	3.15	

3.14 The year 2004-05 has been taken for initial year for the analysis, since this year is the base year for compiling industrial growth in the country at large. Though there were many constraints, the growth of Industries between 2004-05 and 2008-09 was 6.67 percent. In 2005-06, the growth fetched with 0.80 percent only. The track was nourished with 2.38 percent growth in 2006-07 whereas the dismal inclination permeated in the industrial sector in 2007-08 with a downbeat growth of (-)0.72 percent. In 2008-09 the lackluster trend of the preceding year was banished with the encouraging augment with 4.11 percent in the State. The figure manifests that the growth of factories had ebb and flow trend over the years.

3.15 The vacillation in the growth of factories did not impinge on the escalation in number of Industrial Workers during years taken for discussion. The growth between 2004-05 and 2008-09 was remarkable. The propensity to growth of industrial workers was modesty with 1.41 percent in 2008-09. The identical proclivity

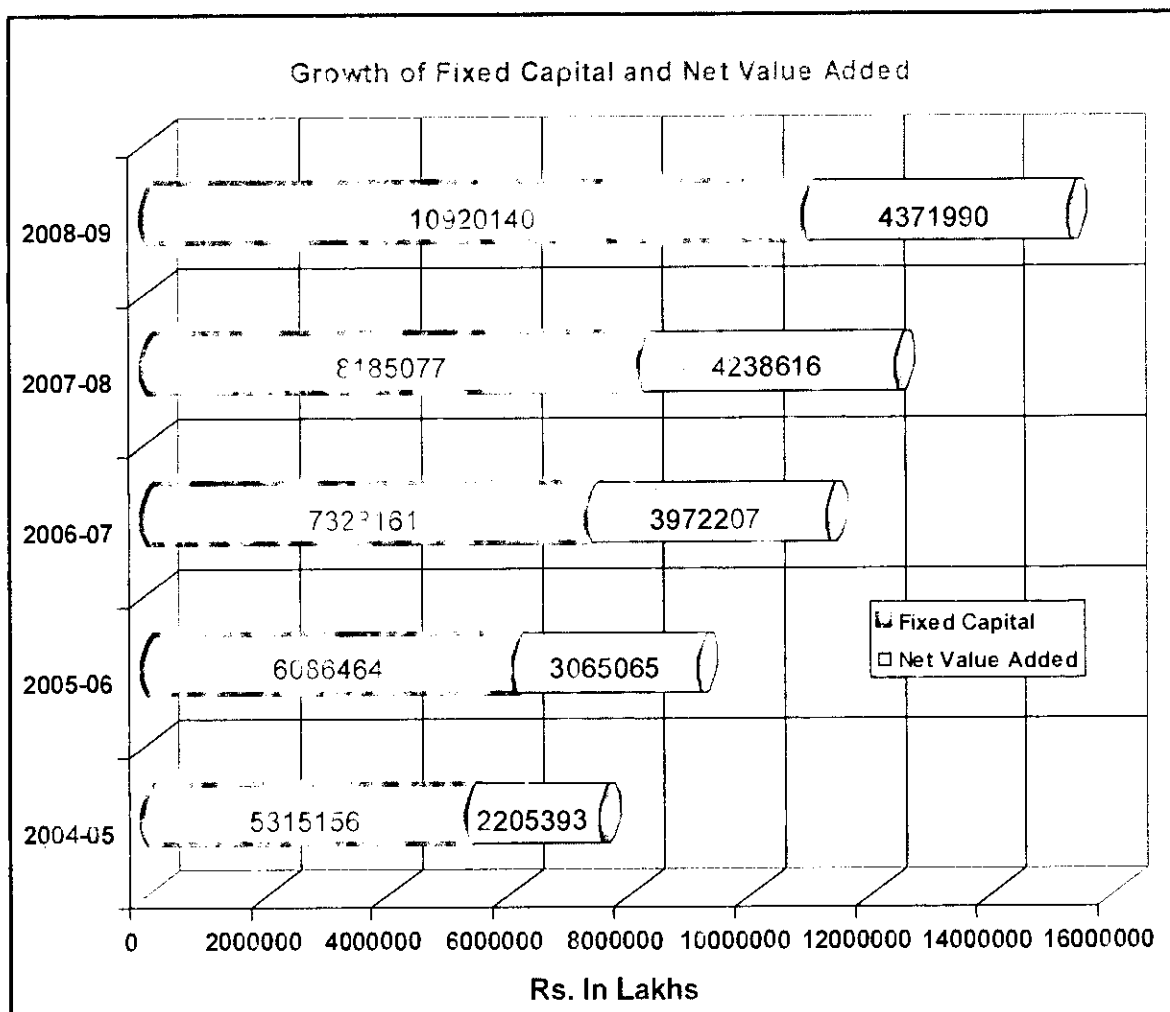
was surfaced in the growth of Industrial employees. It was 4.62 percent in 2004-05 whereas 1.79 percent in 2008-09. The growth achieved in 2008-09 was larger when compared to 2004-05.

The Growth Factories from 2004-05 to 2008-09



3.16 The Fixed Capital, one of the predominant propelling forces of the industries, was exotic with 105.45 percent growth in 2008-09 when compared to 2004-05. The year to year growth had been 14.51 percent in 2005-06, magnified to 20.40 percent in 2006-07, plummeted to 11.69 percent in 2007-08 and boomed to 33.42 percent in 2008-09.

3.17 The Central Statistics Office is ranking the States for industrial sector in accordance with the intensity of Net Value Added. The year to year analysis observed that Net Value Added was at peak in 2005-06. Subsequently, despite the positive growth, the trend had been to lower ebb of 3.15 percent in 2008-09. It is pertinent to point out that the Net Value Added was negative in the year 2008-09 but positive when compared to preceding year.



3.18 The figure 3.4 exemplifies that the length of the vertical cylindrical shaped bars had increased year to year with divergence rate of growth of both Fixed Capital and Net Value Added whereas over the years the growth in both aspects was startling.

STRUCTURAL RATIOS AND TECHNICAL CO-EFFICIENTS

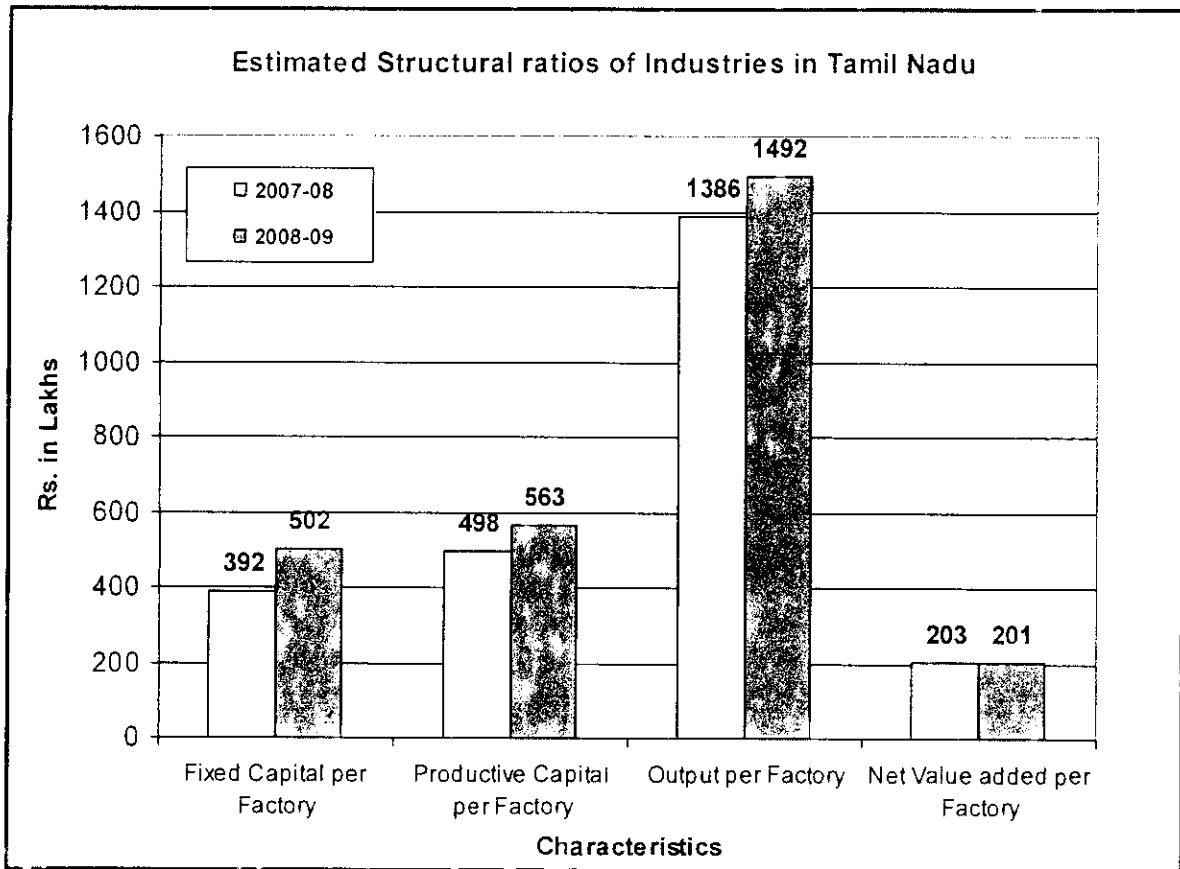
3.19 The statement 3.3 expounds the structural ratios and technical co-efficient of industries in Tamil Nadu. Industrial structure constructs on different factors, is reviewed through per capita contributory of such factors.

STATEMENT 3.3

STRUCTURAL RATIOS AND TECHNICAL CO-EFFICIENTS FOR THE YEAR 2007-08 AND 2008-09

SL.NO	ITEM	UNIT	2007-08	2008-09
(1)	(2)	(3)	(4)	(5)
1.STRUCTURAL RATIOS				
1	Workers per factory	Nos	68	67
2	Employees per factory	Nos	81	80
3	Fixed capital per factory	Rs.in lakhs	392	502
4	Productive capital per factory	"	498	563
5	Output per factory	"	1386	1492
6	Net value added per factory	"	203	201
7	Fixed capital per employee	"	4.83	6.29
8	Productive capital per employee	"	6.14	7.11
9	Output per employee	"	17.11	18.69
10	Net value added per employee	"	2.5	2.52
11	Emolument per employee	"	0.93	1.14
12	Wages per Worker	"	0.94	1.17
2. TECHNICAL CO-EFFICIENTS				
1	Fixed Capital to Net Value Added	Rs.in lakhs	1.93	2.5
2	Fixed Capital to Total Output	"	0.28	0.34
3	Net Value added to Total Output	"	0.15	0.13

3.20 The worker per factory is estimated as 67 persons in 2008-09 whereas it was 68 workers in 2007-08. The employee per factory was also turned downwards from 81 employees in 2007-08 to 80 in 2008-09. Fixed capital per factory had been augmented by 28.06 percent to Rs.502 lakhs in 2008-09 from Rs.392 lakhs in 2007-08. The Productive capital per factory was surged up by 13.05 percent to Rs. 563 lakhs in 2008-09 from Rs. 498 lakhs in 2007-08.



3.21 The estimated output per factory had also made stride from Rs.1386 lakhs in 2007-08 to Rs. 1492 lakhs in 2008-09 with 7.65 percent despite the fact that Net value added per factory was dwindled by -0.99 percent as a repercussion of bloat in rent and interest rates in 2008-09 when compared to previous year. Fixed capital per employee was increased by 30.23 percent to Rs.6.29 lakhs in 2008-09 from Rs. 4.83 lakhs in 2007-08. The Productive capital per employee had accomplished by 15.80 percent from Rs.6.14 lakhs in 2007-08 to Rs.7.11 lakhs in 2008-09.

3.22 The estimate output per employee was puffed-up by 9.23 percent in 2008-09 when compared to preceding year. However, the net value added per employee had been frail with 0.80 percent in the reviewed year. Emolument per employee and Wage per Worker were waxed with 22.58 percent and 24.47 percent respectively in 2008-09.

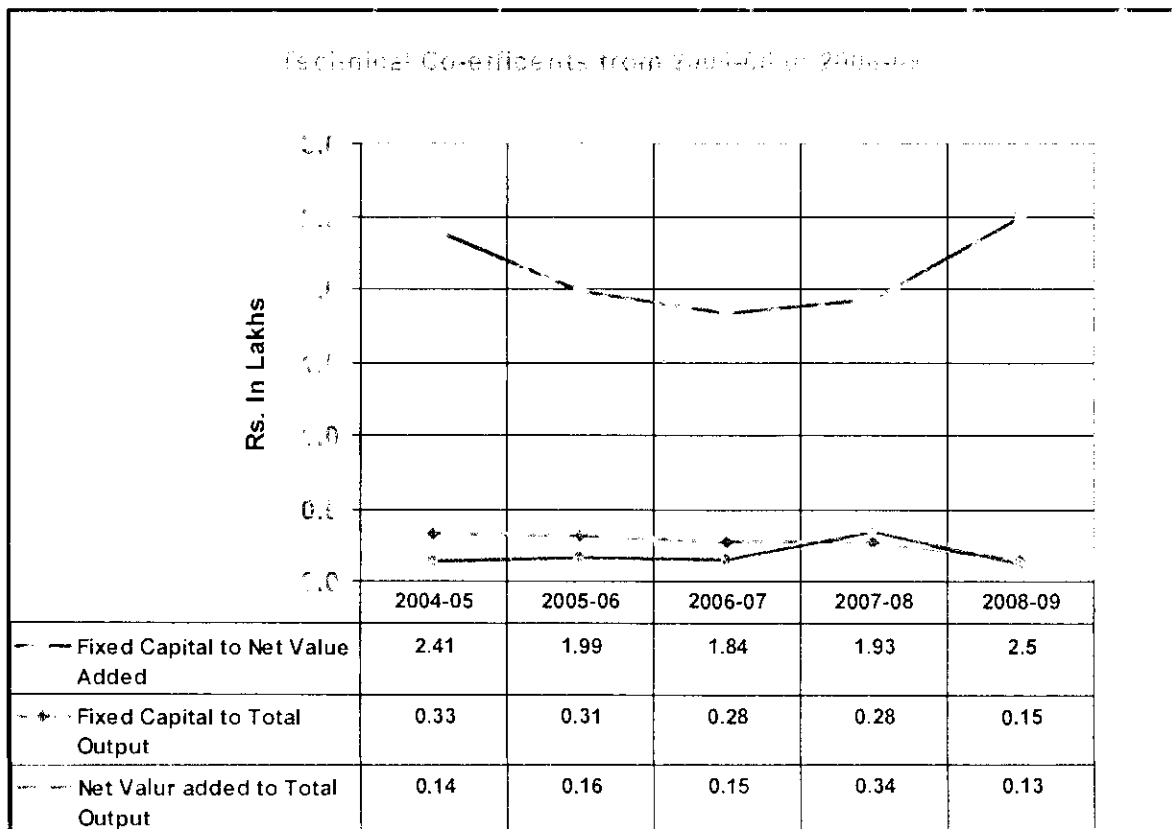
Technical Co-efficient of Industries in Tamil Nadu

3.23 In order to augment one unit of net value added, a factory in the State needed the fixed capital of Rs. 2.5 lakhs in 2008-09, which was surpassed by 29.53 percent over the preceding year fixed capital of Rs. 1.93 lakhs. Similarly, a factory necessitated the fixed capital of Rs. 0.34 lakhs to enhance of one unit of output in 2008-09. The propensity of expansion in fixed capital to total output was 21.43 percent over Rs.0.28 lakhs in 2007-08.

3.24 The net value added is the crucial concept in ranking the industrial growth of the States at National level. The net value added to improve one unit of total output was dwindled by -13.33 percent to Rs. 0.13 lakhs in 2008-09 from Rs.0.15 lakhs in 2007-08.

3.25 The trend of technical co-efficient in terms of Fixed Capital to Net Value added, Fixed Capital to Total Output and Net Value added to Total Output for the years from 2004-05 to 2008-09 is delineated as follows:

3.26 It is empirical that the declivity of Net value Added was at its low with Rs. 0.13 lakhs in 2008-09 over the five year period under comparison.



Distribution of estimated factories by the type of industry group

3.27 It is revealed from statement 3.4(a) that the distribution of estimated factories is evaluated in this segment. Manufacture of textiles, Manufacture of food products and Manufacture of wearing apparels have always been dwelled with the first three ranks respectively in distribution factories since 2006-07. The expansive of manufacture of textiles and food products had two digit distributions each in the State.

3.28 Manufacture of Textiles was of the foremost among industries in Tamil Nadu. Coimbatore is popularly known as Manchester of South India. Most of the spinning mills are located in this region. The estimated textiles industries were of 17.90 percent out of the total estimated industries in the State in 2008-09. Manufacture of Food Products had slotted at the second place among distribution of industries with 14.02 percent. A slew of industries with a compact of textiles and food products were accounted for 30 percent.

3.29 Manufacture of wearing apparels was of the third widespread factories which constituted with 8.01 percent among all factories.

STATEMENT NO. 3.4(a)

DISTRIBUTION OF ESTIMATED FACTORIES BY THE TYPE OF INDUSTRY GROUP

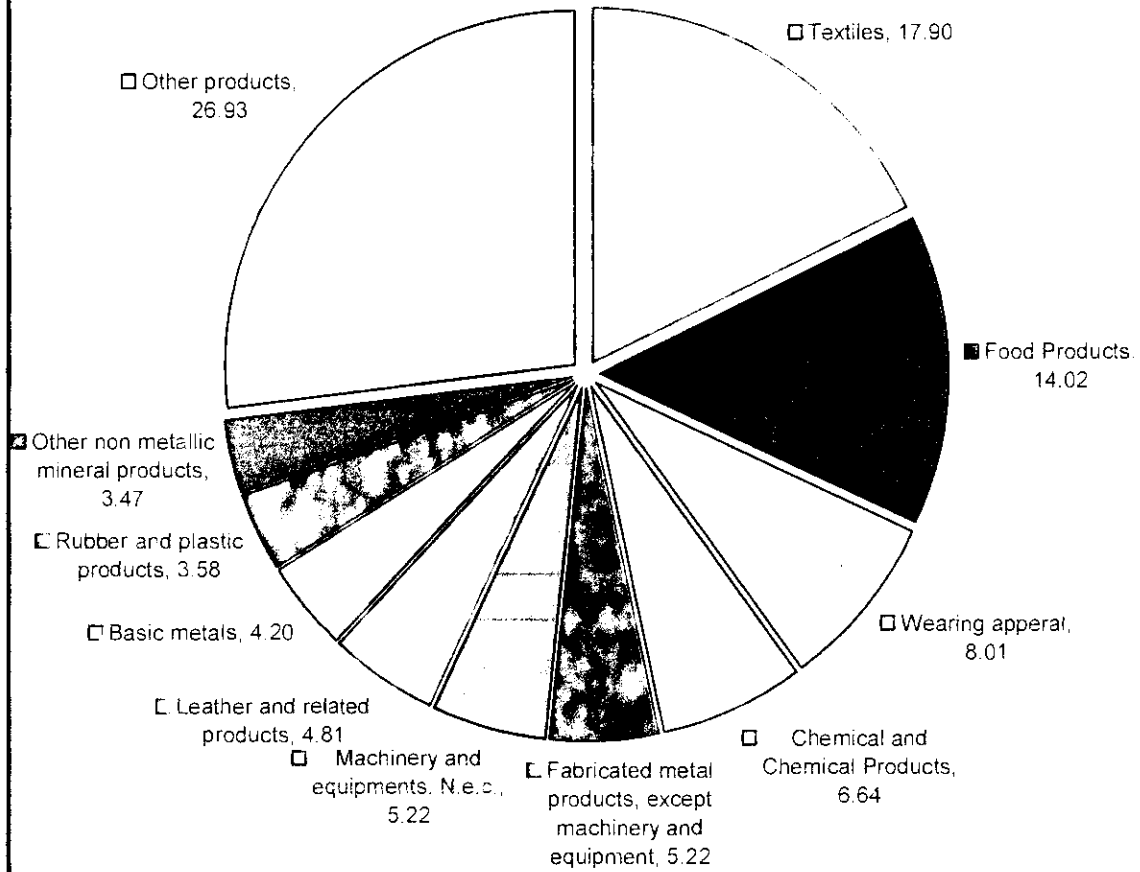
Sl. No.	Ind. Code No.	Industry description	Percentage of factories 2008-09
1	13	Manufacture of Textiles	17.903
2	10	Manufacture of food products	14.024
3	14	Manufacture of wearing apparel	8.007
4	20	Manufacture of chemical and Chemical products	6.637
5	25	Manufacture of fabricated metal products ,except machinery and equipment ³	5.222
6	28	Manufacture of machinery and equipment n.e.c	5.222
7	15	Manufacture of leather and related products	4.808
8	24	Manufacture of basic metals	4.197
9	22	Manufacture of rubber and plastic products	3.581
10	23	Manufacture of other non-metallic mineral products	3.466
11	17	Manufacture of paper and paper products	3.043
12	45	Wholesale and retail trade and repair of motor vehicles and motor cycles	2.854
13	29	Manufacture of motor vehicles, trailers and semi-trailers	2.592
14	18	Printing and reproduction of recorded media	2.441
15	1	Crop and animal production, hunting and related service activities	1.839
16	27	Manufacture of electrical equipment	1.646
17	26	Manufacture of computer, electronic and optical products	1.158
18	16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1.131
19	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	1.062
20	33	Repair and installation of machinery and equipment	0.850
21	30	Manufacture of other transport equipment	0.814
22	32	Other manufacturing	0.754
23	12	Manufacture of tobacco products	0.694
24	52	Warehousing and support activities for transportation	0.694
25	8	Other mining and quarrying	0.666
26	46	Wholesale trade, except of motor vehicles and motorcycles	0.644
27	11	Manufacture of beverages	0.634
28	58	Publishing activities	0.404
29	31	Manufacture of furniture	0.391
30	2	Forestry and logging	0.308
31	19	Manufacture of coke and refined petroleum products	0.257

STATEMENT NO. 3.4(a) (Contd.)

Sl. No.	Ind. Code No.	Industry description	Percentage of factories 2008-09
32	82	Office administrative, office support and other business support activities	0.244
33	35	Electricity, gas, steam and air conditioning supply	0.211
34	47	Retail trade, except of motor vehicles and motorcycles	0.202
35	95	Repair of computers and personal and household goods	0.198
36	42	Civil engineering	0.175
37	43	Specialized construction activities	0.138
38	7	Mining of metal ores	0.106
39	37	Sewerage	0.097
40	3	Fishing and agriculture	0.074
41	36	Water collection, treatment and supply	0.074
42	41	Construction of buildings	0.074
43	38	Waste collection, treatment and disposal activities; materials recovery	0.060
44	39	Remediation activities and other waste management services	0.060
45	5	Mining of coal and lignite	0.055
46	74	Other professional, scientific and technical activities n.e.c	0.055
47	84	Public administration and defence; compulsory social security	0.055
48	50	Water transport	0.046
49	59	Motion picture, video and television programme production, sound recording and music publishing activities	0.037
50	77	Rental and leasing activities	0.028
51	96	Other personal service activities	0.018
52	53	Postal and courier activities	0.009
53	55	Accommodation	0.009
54	56	Food and beverage service activities	0.009
55	6	Extraction of crude petroleum and natural gas	0.005
56	51	Air transport	0.005
57	81	Services to buildings and landscape activities	0.005
58	90	Creative, arts and entertainment activities	0.005
59	98	Undifferentiated goods-and services-producing activities of private households for own use	0.005

3.30 Out of the 59 description of industries, the first ten industries and the rests clubbed under other industries are demarcated separately in the pie diagram to enlighten the intensity of top grading industry group in the State in 2008-09 as follows:

Distribution of Estimated for major groups and other groups 2008-09
In Percentage



STATEMENT NO. 3.4(b)

DISTRIBUTION OF ESTIMATED EMPLOYEES BY THE TYPE OF INDUSTRY GROUP

Sl. No.	Ind. Code No.	Industry Description	Percentage of Employees 2008-09
1	13	Manufacture of Textiles	21.171
2	14	Manufacture of wearing apparel	12.719
3	10	Manufacture of food products	8.668
4	29	Manufacture of motor vehicles, trailers and semi-trailers	6.516
5	20	Manufacture of chemical and Chemical products	6.033
6	15	Manufacture of leather and related products	5.969
7	22	Manufacture of rubber and plastic products	4.990
8	24	Manufacture of basic metals	4.572
9	25	Manufacture of fabricated metal products ,except machinery and equipment ³	4.412
10	28	Manufacture of machinery and equipment n.e.c	4.279
11	23	Manufacture of other non-metallic mineral products	3.269
12	27	Manufacture of electrical equipment	1.964
13	32	Other manufacturing	1.668
14	26	Manufacture of computer, electronic and optical products	1.610
15	17	Manufacture of paper and paper products	1.440
16	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	1.429
17	45	Wholesale and retail trade and repair of motor vehicles and motor cycles	1.403
18	30	Manufacture of other transport equipment	1.049
19	18	Printing and reproduction of recorded media	0.901
20	1	Crop and animal production, hunting and related service activities	0.852
21	19	Manufacture of coke and refined petroleum products	0.554
22	11	Manufacture of beverages	0.520
23	41	Construction of buildings	0.439
24	16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	0.422
25	33	Repair and installation of machinery and equipment	0.420
26	58	Publishing activities	0.411
27	52	Warehousing and support activities for transportation	0.391
28	8	Other mining and quarrying	0.210
29	31	Manufacture of furniture	0.187
30	12	Manufacture of tobacco products	0.185

STATEMENT NO. 3.4(b)

DISTRIBUTION OF ESTIMATED EMPLOYEES BY THE TYPE OF INDUSTRY GROUP

Sl. No.	Ind. Code No.	Industry Description	Percentage of Employees 2008-09
31	95	Repair of computers and personal and household goods	0.179
32	35	Electricity, gas, steam and air conditioning supply	0.175
33	42	Civil engineering	0.165
34	46	Wholesale trade, except of motor vehicles and motorcycles	0.140
35	82	Office administrative, office support and other business support activities	0.134
36	47	Retail trade, except of motor vehicles and motorcycles	0.059
37	36	Water collection, treatment and supply	0.053
38	38	Waste collection, treatment and disposal activities; materials recovery	0.052
39	74	Other professional, scientific and technical activities n.e.c	0.049
40	37	Sewerage	0.048
41	43	Specialized construction activities	0.045
42	5	Mining of coal and lignite	0.036
43	39	Remediation activities and other waste management services	0.036
44	7	Mining of metal ores	0.034
45	84	Public administration and defence; compulsory social security	0.033
46	59	Motion picture, video and television programme production, sound recording and music publishing activities	0.032
47	2	Forestry and logging	0.024
48	3	Fishing and aquaculture	0.010
49	50	Water transport	0.008
50	98	Undifferentiated goods-and services-producing activities of private households for own use	0.007
51	6	Extraction of crude petroleum and natural gas	0.005
52	55	Accommodation	0.005
53	81	Services to buildings and landscape activities	0.004
54	77	Rental and leasing activities	0.003
55	53	Postal and courier activities	0.003
56	96	Other personal service activities	0.003
57	56	Food and beverage service activities	0.001
58	51	Air transport	0.001
59	90	Creative arts and entertainment activities	0.001

3.31 The statements 3.4a and 3.4 b have been explicated with a comparative statement of Statement of 3.4 c to witness the correlation between the number of estimated industries and their estimated employees.

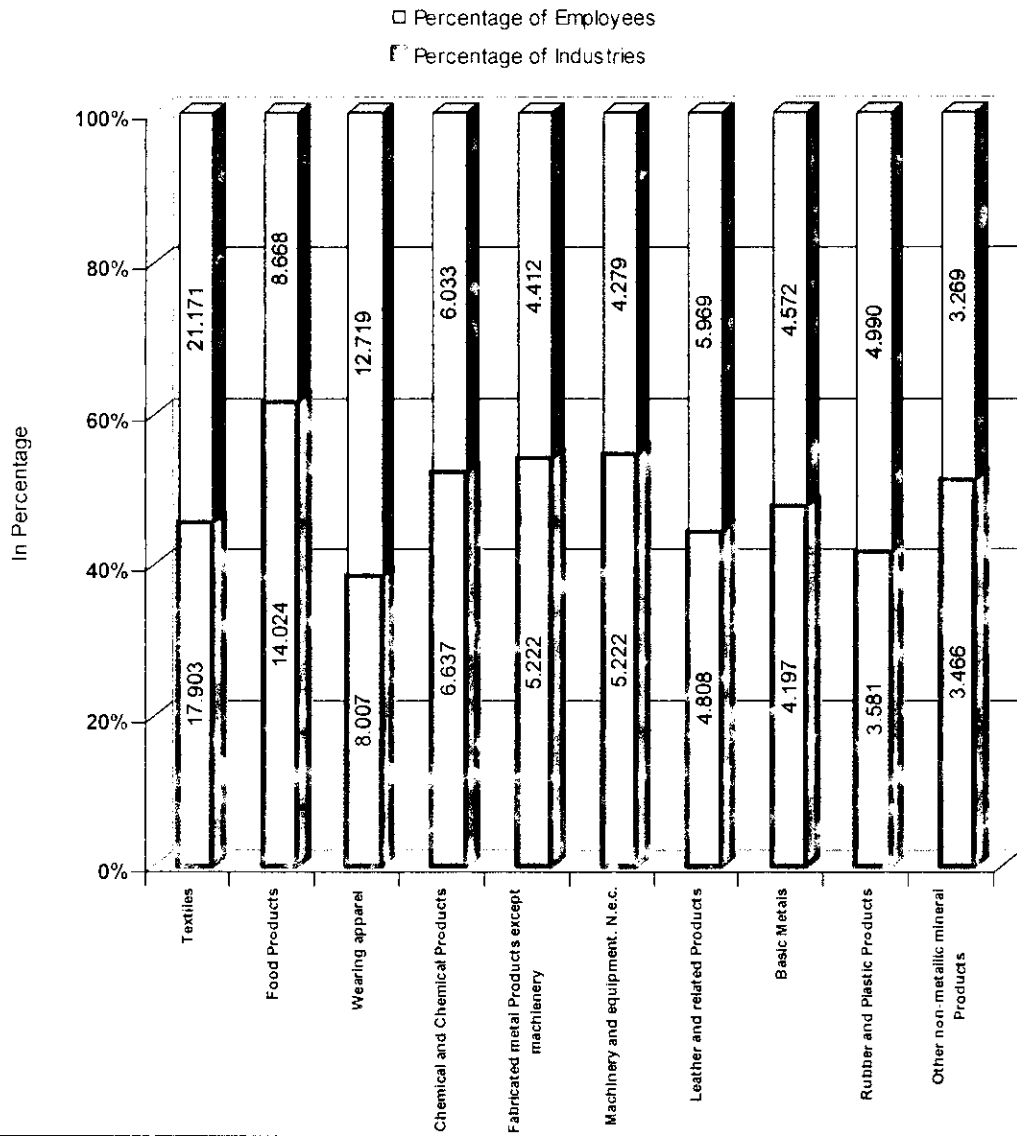
Statement: 3.4(c)

Distribution Range of select factories and their employees in percentage

Sl. No.	Industry description	Percentage of factories	percentage of Employees
1.	Textiles	17.903	21.171
2.	food products	14.024	8.668
3.	wearing apparel	8.007	12.719
4.	chemical and Chemical products	6.637	6.033
5.	fabricated metal products ,except machinery and equipment	5.222	4.412
6.	machinery and equipment n.e.c	5.222	4.279
7.	leather and related products	4.808	5.969
8.	basic metals	4.197	4.572
9.	rubber and plastic products	3.581	4.99
10.	other non-metallic mineral products	3.466	3.269

3.32 In fact, the dispersion of industries did not commensurate with number of employees. The statement above accentuates that the concentration of estimated employees was of high with 21.17 percent in textile industries which were of 17 percent out of total factories. Though the food product factories clamped with second position among factories it had secured third position among potential of estimated employees with 8.7 percent. This divergent was also noted in the wearing apparel industry. This industry had marked at third spot with 8.007 percent factories whereas, the industry was the second largest employment provider with 12.72 percent persons in the State in 2008-09. The deviating concentration between industries and employees was plotted in the above graph.

Distribution of Factories and Employment Generation for 2008-09



**PRINCIPAL CHARACTERISTICS OF FACTORIES BY
SIZE CLASSIFICATION OF INDUSTRIES FOR THE YEAR 2008-09**

3.33 The classification, distribution and contribution of factories are analysed in this chapter in detail. The general public hovers about employment and production through industries in general. However, different types, employment capabilities, output, health and wealth status (working and fixed capital), wages, emoluments, depreciations and its repercussion in Net value added and net income are the analytical view of industries in this chapter.

3.34 The following Statement 3.5 demarcates the factories under Micro Small Medium and Large (Henceforth MSLM) by the size of capital investment in plant and machinery for (the principle characteristics) the year 2008-09. In pursuance of the Micro, Small and Medium Enterprises Development Act-2006, the nomenclature for the Small scale Industries Sector has been categorized as Micro, Small and Medium Enterprises sector.

3.35 In view of the above, Micro industries are with the capital investment in plant and machinery to the value not exceeding Rs. 25 lakhs, Small Scale Industries are defined with more than Rs. 25 lakhs but less than Rs.5 crores, Medium Scale industry is designated by investment of more than Rs.5 crores but less than Rs.10 crores, and Large Scale Industry exulted with the investment exceeds Rs.10 crores.

STATEMENT- 3.5

PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE CLASSIFICATION OF INDUSTRIES
FOR THE YEAR 2008-09

Sl. No.	Characteristics	Unit	Capital investment in Plant and Machinery					Total	percent of Small Industries
			Micro (Below Rs.25 Lakhs)	Small (25 Lakhs to Rs. Five Crores)	Medium (Rs. Five Crores - Ten Crores)	Large (More than Ten Crores)			
1	2	3	4	5	6	7	8	9	
1	Factories	Nos.	13872	5242	587	2054	21756	24	
		percent	63.76	24.09	2.70	9.44	100		
2	Workers	Nos.	489157	276565	84159	598667	1448548	19.09	
		percent	33.77	19.09	5.81	41.33	100		
3	Employees	Nos.	564616	329870	100264	728707	1723456	19.14	
		percent	32.76	19.14	5.82	42.28	100.00		
4	Fixed Capital	Rs. in lakhs	683832	935876	380963	8919468	10920140	8.57	
		percent	6.26	8.57	3.49	81.68	100		
5	Working Capital	Rs. in lakhs	626871	597191	179556	-74904	1328714	44.95	
		percent	47.18	44.95	13.51	-5.64	100		
6	Physical Working Capital	Rs. in lakhs	601569	847156	377304	4436654	6262683	13.53	
		percent	9.61	13.53	6.02	70.84	100		
7	Invested Capital	Rs. in lakhs	1285401	1783032	758267	13356123	17182823	10.38	
		percent	7.48	10.38	4.41	77.73	100		
8	Productive Capital	Rs. in lakhs	1310704	1533066	560519	8844564	12248854	12.52	
		percent	10.70	12.51	4.57	72.20	100		
9	Wages	Rs. in lakhs	333761	274394	89584	990723	1688462	16.25	
		percent	19.77	16.25	5.31	58.68	100		
10	Emoluments	Rs. in lakhs	367087	304600	102602	1184947	1959237	15.55	
		percent	18.74	15.55	5.24	60.48	100		
11	Input	Rs. in lakhs	2859412	3822422	1464018	18975083	27120935	14.09	
		percent	10.54	14.09	5.40	69.96	100		
12	Output	Rs. in lakhs	4166000	6170426	1558741	20567259	32462426	19.01	
		percent	12.83	19.01	4.80	63.36	100		
13	Depreciation	Rs. in lakhs	67966	90480	37474	773582	969501	9.33	
		percent	7.01	9.33	3.87	79.79	100		
14	Gross Value Added	Rs. in lakhs	1306588	2348004	94723	1592176	5341491	43.96	
		percent	24.46	43.96	1.77	29.81	100		
15	Net Value Added	Rs. in lakhs	1238622	2257524	57249	818594	4371990	51.64	
		percent	28.33	51.64	1.31	18.72	100		
16	Net Income	Rs. in lakhs	1147868	2128524	5110	135561	3417063	62.29	
		percent	33.59	62.29	0.15	3.97	100		

3.36 The above statement envisaged that micro industries were overriding all other sorts of industries by 63.76 percent to 13872 out of the 21756 registered factories in the year 2008-09 and became the backbone of the secondary sector. It was followed Small Scale Industries with 24.09 percent to 5242 factories. It is vital to note that both the micro and small scale industries altogether outshined both medium and large scale industries in the secondary sector with 87.85 percent.

3.37 On a different angle, Tamil Nadu had a large share of Micro, Small and Medium industries as the factories of these categories were of 90.55 percent whereas the output was of 36.64 percent. It shows that these factories were labour intensive in nature. These industries had 58.67 percent workers and 57.72 percent employees. These factories accrued the Gross Value Added with 70.19 percent, Net Value Added by 81.28 percent and Net Income with 96.03 percent in 2008-09.

However, the single largest employment provider was large scale industries where 41.33 percent categorized as workers and 42.28 percent as employees. It had also produced to the extent of 63.36 percent. Mahatma Gandhi once averred that "Mass production by Masses", whereas in the modern industrialized world, Tamil Nadu realized "Mass production by Machines" though the stagnant economy prevailed upon in the year 2008-09. These Large scale industries had become domain for greater emoluments, strong fixed capital, physical capital and productive capital among MSML industries. They gained 29.81 percent Gross Value Added, 18.72 percent Net Value Added. Due to spike in depreciation, rent and interest rate, the Net come of Large scale industries was of paltry with 3.97 percent

3.38 The numbers of factories under the realm of Small Scale Industries sector were of 24.09 percent with the input of 14.09 percent, and had been resulting an Output of 19.01 percent. It generated 19.14 percent Employment and 15.55 percent emoluments out of the MSML factories.

3.39 Among MSML industries, the Gross value Added was at the peak for small scale factories with 43.96 percent to Rs. 2348004 lakhs, followed by large scale industries by 29.81 percent to Rs.1592176 lakhs. The third slot went for micro scale industries which marked by 24.46 percent to Rs. 1306588 lakhs.

3.40 Again the permutation of Micro and small scale factories had a cache of Net value added with 79.97 percent and Net Income by 95.88 percent among the MSML factories as volume of cost of input and depreciation were less when compared to Medium and Large scale industries.

STATEMENT - 3.6(a)

THE PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF CAPITAL INVESTMENT IN PLANT AND MACHINERY DURING THE YEAR 2008-09

Sl. No.	Item	Unit	Capital investment in Plant and Machinery										Total
			0-1 Lakhs	1-5 Lakhs	5-15 Lakhs	15-25 Lakhs	25-35 Lakhs	35 Lakhs to 5 Crores	5 Crores to 10 Crores	Above 10 Crores	Above 10 Crores		
1	2	3	4	5	6	7	8	9	10	11	12		
1	Factories	Nos	7119	2953	2682	1118	847	4395	587	2054	21756		
2	Workers	Nos	343416	55305	60935	29502	27016	249549	84159	598667	1448548		
3	Employees	Nos	392920	64029	72746	34921	32192	297678	100264	728707	1723456		
4	Fixed Capital	Rs. in lakh	497894	47522	93132	45284	59990	876886	380963	8919468	10920140		
5	Working Capital	Rs. in lakh	213814	214306	130582	68170	48974	548217	179556	-74904	1328714		
6	Physical Working Capital	Rs. in lakh	329394	82809	136173	53193	59090	788067	377304	4436654	6262683		
7	Invested Capital	Rs. in lakh	827288	130331	229305	98477	118080	1664952	758267	13356123	17182823		
8	Productive Capital	Rs. in lakh	711708	261828	223714	113454	107963	1425103	560519	8844564	12248854		
9	Wages	Rs. in lakh	242946	28961	42554	19300	24722	249672	89584	990723	1698462		
10	Emoluments	Rs. in lakh	269727	30838	45709	20814	26696	277905	102602	1184947	1959237		
11	Input	Rs. in lakh	1747664	314610	513965	283172	264964	3557458	1464018	18975083	27120935		
12	Output	Rs. in lakh	2259075	439088	1094593	373245	803049	5367377	1558741	20567259	32462426		
13	Depreciation	Rs. in lakh	52509	3343	7806	4308	5052	85428	37474	773582	969501		
14	Gross Value Added	Rs. in lakh	511411	124477	580627	90072	538085	1809919	94723	1592176	5341491		
15	Net Value Added	Rs. in lakh	458902	121134	572821	85764	533034	1724491	57249	818594	4371990		
16	Net Income	Rs. in lakh	396503	114800	558801	77763	527391	1601133	5110	135561	3417063		

STATEMENT - 3.6(b)
THE PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF CAPITAL INVESTMENT IN PLANT
AND MACHINERY DURING THE YEAR 2008-09

Sl. No.	Item	Unit	Capital investment in Plant and Machinery										Total
			0-1 Lakhs	1-5 Lakhs	5-15 Lakhs	15-25 Lakhs	25-35 Lakhs	35 Lakhs to 5 Crores	5 Crores to 10 Crores	Above 10 Crores	11	12	
1	2	3	4	5	6	7	8	9	10	11	12	21756	
		Nos	7119	2953	2682	1118	847	4395	587	2054			
1	Factories	percent	32.72	13.57	12.33	5.14	3.89	20.2	2.7	9.44			
2	Workers	Nos	343416	55305	60935	29502	27016	249549	84159	598667		1448548	
		percent	23.71	3.82	4.21	2.04	1.87	17.23	5.81	41.33			
3	Employees	Nos	392920	64029	72746	34921	32192	297678	100264	728707		1723456	
		percent	22.8	3.72	4.22	2.03	1.87	17.27	5.82	42.28			
4	Fixed Capital	Rs. in lakh	497894	47522	93132	45284	58990	876886	380963	8919468		10920140	
		percent	4.56	0.44	0.85	0.41	0.54	8.03	3.49	81.68			
5	Working Capital	Rs. in lakh	213814	214306	130582	68170	48974	548217	179556	-74904		1328714	
		percent	16.09	16.13	9.83	5.13	3.69	41.26	13.51	-5.64			
6	Physical Working Capital	Rs. in lakh	329394	82809	136173	53193	59090	788067	377304	4436654		6262683	
		percent	5.26	1.32	2.17	0.85	0.94	12.58	6.02	70.84			
7	Invested Capital	Rs. in lakh	827288	130331	229305	98477	118080	1664952	758267	13356123		17182823	
		percent	4.81	0.76	1.33	0.57	0.69	9.69	4.41	77.73			
8	Productive Capital	Rs. in lakh	711708	261828	223714	113454	107963	1425103	560519	8844564		12248854	
		percent	5.81	2.14	1.83	0.93	0.88	11.63	4.58	72.21			

STATEMENT - 3.6(b) (Contd..)
THE PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF CAPITAL INVESTMENT IN PLANT AND MACHINERY DURING THE YEAR 2008-09

Sl. No.	Item	Unit	Capital investment in Plant and Machinery										Total
			0-1 Lakhs	1-5 Lakhs	5-15 Lakhs	15-25 Lakhs	25-35 Lakhs	35 Lakhs to 5 Crores	5 Crores to 10 Crores	Above 10 Crores	11	12	
1	2	3	4	5	6	7	8	9	10	11	12	1688462	
9	Wages	Rs. in lakh	242946	28961	42554	19300	24722	249672	89584	990723	58.68		
		percent	14.39	1.72	2.52	1.14	1.46	14.79	5.31	1184947	1959237		
10	Emoluments	Rs. in lakh	269727	30838	45709	20814	26696	277905	102602	1184947	60.48		
		percent	13.77	1.57	2.33	1.06	1.36	14.18	5.24	18975083	27120935		
11	Input	Rs. in lakh	1747664	314610	513965	283172	264964	3557458	1464018	18975083	69.96		
		percent	6.44	1.16	1.9	1.04	0.98	13.12	5.4	20567259	32462426		
12	Output	Rs. in lakh	2259075	439088	1094593	373245	803049	5367377	1558741	20567259	63.36		
		percent	6.96	1.35	3.37	1.15	2.47	16.53	4.8	773582	969501		
13	Depreciation	Rs. in lakh	52509	3343	7806	4308	5052	85428	37474	773582	79.79		
		percent	5.42	0.34	0.81	0.44	0.52	8.81	3.87	1592176	5341491		
14	Gross Value Added	Rs. in lakh	511411	124477	580627	90072	538085	1809919	94723	1592176	29.81		
		percent	9.57	2.33	10.87	1.69	10.07	33.88	1.77	818594	4371990		
15	Net Value Added	Rs. in lakh	458902	121134	572821	85764	533034	1724491	57249	818594	18.72		
		percent	10.5	2.77	13.1	1.96	12.19	39.44	1.31	135561	3417063		
16	Net Income	Rs. in lakh	396503	114800	558801	77763	527391	1601133	5110	135561	3.97		
		percent	11.6	3.36	16.35	2.28	15.43	46.86	0.15	3.97			

3.41 The simple difference between Statement 3.5 and Statement 3.6 is that the first shows the classification of industries based on total capital investment whereas the next stands for the classification of industries based Rs.0-1 lakh to above 10 crores of rupees. The first statement studies at macro level, i.e., investment on MSML and second for micro level, i.e., investments from tiny to bulk between MSML. While analyzing both the above noted Statements, the findings between them are almost similar. Micro industries are labour intensive in nature, and this was with less input costs and less depreciation as this category did not have huge machines. Above all, the working capital was greater than fixed capital. It is interesting to note that the intensity of number of factories had been slanted when the limit of capital investment was increased from Rs. 0.1 lakh to Rs -25-35 Lakhs.

3.42 The number of factories, workers and employees were loomed large under this segment. All Micro industries were categorized under the classification of Rs.0-1 lakh to Rs. 35 lakhs with 67.65 percent to 14719 factories. This resulted in that SML factories were of 32.35 percent to 7036 factories. The number of workers was of 35.65 percent, number of employees with 34.63 percent, working capital with 50.86 percent, Gross Value Added by 34.53 percent, Net Value Added with 40.52 percent, Net Income by 49.03 percent under the Micro industries sector.

3.43 Out of overall MSML factories, the magnitude of factories under the Micro Industries with the tiny capital investment of Rs.0-1 lakh was massive with 32.72 percent of Factories, 23.71 percent of Workers, 22.80 percent of Employees, 34.53 percent of Gross Value Added, 40.52 percent of Net Value Added and 49.03 percent of Net Income.

3.44 It is pertinent to point out that the blend of Micro and Small industries are the classical paradigm for labour intensive industries with less fixed capital, less input cost, less depreciation, more employment, impressive Gross Value Added, Net Value Added and Net Income. Among the MSML factories, the Micro and Small scale industries were found colossal with 68.42 percent of Gross Value Added, 79.97 percent of Net Value Added and 95.88 percent of Net Income.

PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF WORKERS

3.45 The above Statement 3.7 depicts the principal characteristics of factories by size of workers in the year 2008-09. The number of factories having upto 50 workers was of 47.33 percent to 10297. The distribution of number of factories had been dwindled when the number of workers increased as these were of Micro scale factories.

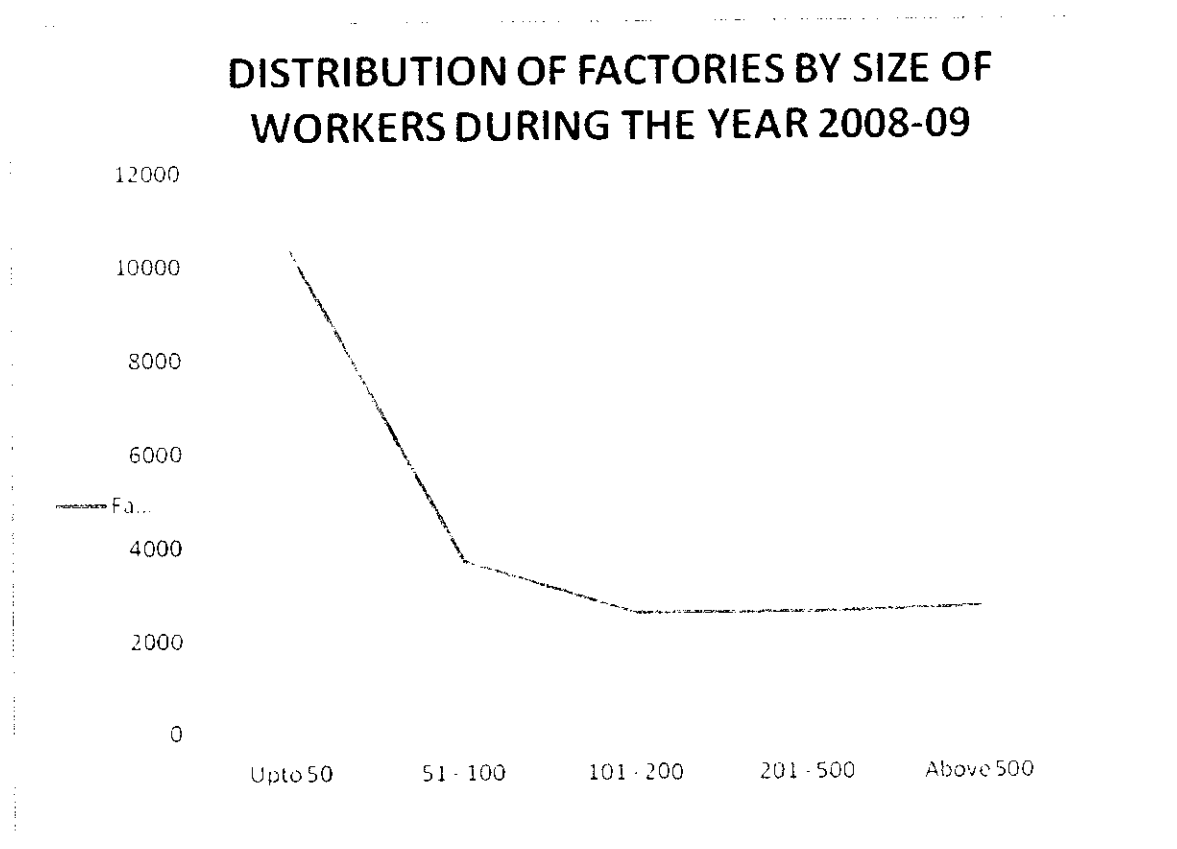
STATEMENT- 3.7

**PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF WORKERS
DURING THE YEAR 2008-09**

(Rs. in Lakhs)

Sl. No.	Item	Unit	Upto 50 Workers	51 - 100 Workers	101 - 200 Workers	201 - 500 Workers	Above 500 Workers	All
1	2	3	4	5	6	7	8	9
1	Factories	Numbers	10297	3664	2564	2558	2673	21756
		percent	47.33	16.84	11.79	11.76	12.29	100
2	Workers	Numbers	89152	91700	127095	270104	870497	1448548
		percent	6.15	6.33	8.77	18.65	60.09	100
3	Employees	Numbers	118774	115443	152670	317532	1019038	1723456
		percent	6.89	6.7	8.86	18.42	59.13	100
4	Fixed Capital	Rs. In Lakhs	583934	647795	555091	1872610	7260709	10920140
		percent	5.35	5.93	5.08	17.15	66.49	100
5	Working Capital	Rs. In Lakhs	276774	437924	395674	642330	-423988	1328714
		percent	20.83	32.96	29.78	48.34	-31.91	100
6	Physical Working Capital	Rs. In Lakhs	414829	364642	545524	1107884	3829803	6262683
		percent	6.62	5.82	8.71	17.69	61.15	100
7	Invested Capital	Rs. In Lakhs	998764	1012438	1100615	2980494	11090512	17182823
		percent	5.81	5.89	6.41	17.35	64.54	100
8	Productive Capital	Rs. In Lakhs	860708	1085720	950765	2514940	6836721	12248854
		percent	7.03	8.86	7.76	20.53	55.82	100
9	Wages	Rs. In Lakhs	80773	96585	111378	277752	1121974	1688462
		percent	4.78	5.72	6.6	16.45	66.45	100
10	Emoluments	Rs. In Lakhs	87784	107861	124285	313971	1325337	1959237
		percent	4.48	5.51	6.34	16.03	67.65	100
11	Input	Rs. In Lakhs	1510789	1571904	2480394	4122870	17434979	27120935
		percent	5.57	5.8	9.15	15.2	64.29	100
12	Output	Rs. In Lakhs	2114709	2294061	3602467	4773914	19677276	32462426
		percent	6.51	7.07	11.1	14.71	60.62	100
13	Depreciation	Rs. In Lakhs	51025	59474	54444	134080	670479	969501
		percent	5.26	6.13	5.62	13.83	69.16	100
14	Gross Value Added	Rs. In Lakhs	603920	722157	1122073	651044	2242297	5341491
		percent	11.31	13.52	21.01	12.19	41.98	100
15	Net Value Added	Rs. In Lakhs	552896	662683	1067629	516964	1571818	4371990
		percent	12.65	15.16	24.42	11.82	35.95	100
16	Net Income	Rs. In Lakhs	497550	615327	1001288	351780	951118	3417063
		percent	14.56	18.01	29.3	10.29	27.83	100

3.46 All characters were of in the same direction except the distribution of number of factories. It has been enunciated by graph follows:



3.47 The negative trend in the above graph demarcates that the distribution of factories was initially slating due to fall in number of factories when number of workers increased. The distribution factories had become horizontal to x axis.

3.48 This trend delineated that when number of workers was lessen the number of factories was maximum and vice versa. This group industry had also gained 20.83 percent of working capital, 11.31 percent of Gross Value Added, 12.65 percent of Net value Added and 14.56 percent of Net Income out of the total MSML industries.

3.49 In the midst of the 16 characteristics, the distribution of factories only had negative trend. All others had positive movement. However, industries having 500 more workers group had negative working capital by -31.91 percent to Rs. -423988 lakhs on account of financial crunch, quick cash transactions for all their activities etc.

3.50 The concept of working capital is the important tool to measure the running capabilities of factories. This negative trend manifests that the current assets of the factories had become lesser than the current liability.

DISTRIBUTION OF PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF TOTAL VALUE OF OUTPUT DURING THE YEAR

3.51 The dispersing of factories is also analysed by size of total value of output for the year 2008-09. The distribution of factories has diminished when the array of output increased.

3.52 An inverse relationship has been prevailed between the numbers of factories and concerned output range. There had been 3850 factories when the output limit was up to Rs.25 lakhs. This proportion of factories was drooping away when the perimeter of output leaped up. There was a surge for the output range of Rs. 200-500 lakhs in which 3230 factories were numbered.

3.53 Apart from number of factories, the blend of wax and wane between the output ranges had been noted in all sorts except in the groups of working capital, Gross Value Added, Net Value Added and Net Income where negative values at many output ranges witnessed in the Statement 3.8.

STATEMENT-38
DISTRIBUTION OF PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF TOTAL VALUE OF OUTPUT DURING THE YEAR 2008-09
(Rs. in Lakhs)

Sl. No.	Output Range (Rs. in lakhs)	Factories in numbers	Workers in numbers	Employees in numbers	Total Wages	Total Emoluments	Fixed Capital	Physical Working Capital	Invested Capital	Working Capital	Total Input	Gross Output	Depreciation	Net Value Added	Net Income	G.V.A
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Up to 25	3850	81335	91055	37167	39222	158971	52271	211242	22504	320734	195076	23174	-148832	-159970	52001
2	25-50	2146	52650	60018	56742	58770	55166	38542	93709	-1732	344978	396979	4579	47422	36918	-14378
3	50-100	2538	67381	79065	43982	47661	126073	94024	220097	82731	454207	577481	20424	102849	82060	123273
4	100-200	2960	88143	102776	57559	63323	250315	129501	379816	164672	810685	997322	45228	141410	85576	186637
5	200-500	3230	147072	169601	97379	106905	523820	494852	1018673	451195	982646	1178277	39390	156241	123959	195631
6	500-1000	2062	131370	152437	109322	121025	370911	224729	595640	119867	1522341	1884540	67541	294659	230163	362199
7	1000-2000	1661	155889	182275	145834	163649	767548	356566	1124114	182219	1522341	3615735	156134	366249	156674	522382
8	2000-5000	1427	221669	258897	194605	227927	1628908	829019	2457928	-15953	3093353	3744301	116085	452858	322655	568943
9	5000-10000	863	164645	196240	180390	214219	1514410	712636	2227046	530090	3175358	9032463	237751	1688931	1460388	1926682
10	10000-50000	909	269392	330348	446394	529030	2655992	1688231	4344223	261726	7105781	10624884	247102	1296677	1118026	1543779
11	50000 and above	111	69001	100744	318988	387506	2868026	1642310	4510336	-468606	9081105	10624884	247102	1296677	1118026	1543779
12	Total	21756	1448548	1723456	1688462	1959237	10920140	6262663	17182823	1328714	27120935	32462426	969501	4371990	3417063	5341491

3.54 The above statement classified that the industries under the three sorts of output ranges, namely, Rs.25 lakhs-50 lakhs, 2000-5000 lakhs and 50000 lakhs and above had negative working capital. It covered only 16.93 percent of factories of MSML factories.

3.55 There were 3850 factories of output range of Rs.0-25 lakhs and 2538 factories of output range of Rs.50-100 lakhs totaling to 6388 factories had a negative Gross Value Added, Net Value Added and Net Income. These factories were more than a quarter of total factories, i.e.29.36 percent.

3.56 The range of output up to Rs. 5 crores are covered 91.35 percent to 19874 factories with 945509 workers at 65.27 percent and 1096124 employees at 63.60 percent. This shows that though the degree of factories was higher, employment creation was not in the same extent.

3.57 In contrast, the range output between Rs. 5 crores and above Rs. 500 crores were of 9.65 percent factories only whereas the factories under the above said ranges of output crated employment for 34.73 percent of workers and 36.40 percent of employees. The factories under the same ranges of output had achieved 56.01 percent of Total Wages, 57.71 percent of Total Emoluments, 64.45 percent of Fixed Capital, 64.56 percent of Physical Working Capital, 64.49 percent of Invested Capital, 71.39 percent of Total Input, 72.09 percent of Gross Output, 61.98 percent of Depreciation, 78.65 percent of Net Value Added, 84.90 percent of Net Income and 75.62 percent of G.V.A. However, these ranges of output had a least Working Capital with 24.33 percent.

3.58 Group of factories under the ranges from Rs.10000 lakhs to 50000 lakhs and Rs.50000 lakhs and above had a vast Gross Output and its difference between other groups was always highest. The factories under these output range were the provider of large employment, fixed capital, Net value Added.

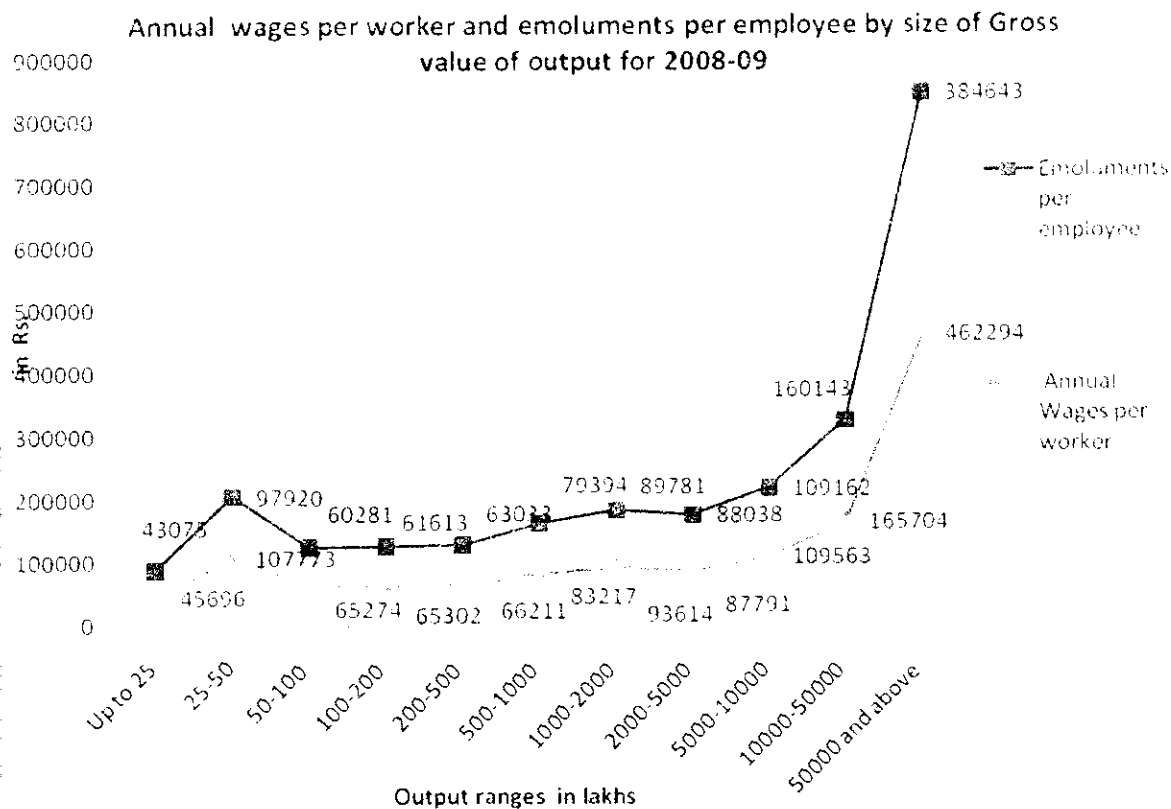
STATEMENT- 3.9

**DISTRIBUTION OF DERIVED STRUCTURAL RATIOS AND TECHNICAL COEFFICIENT
BY SIZE OF GROSS VALUE OF OUTPUT DURING THE YEAR 2008-09**

Sl. No.	Output Range (Rs.in lakhs)	Estimated Values of					Ratio of			
		Annual Wages per worker (Rs.)	Emoluments per employee (Rs.)	Fixed Capital per employee (Rs.)	Net Value added per employee (Rs.)	Output per employee (Rs.)	Fixed Capital to Output	Net Value Added to Output	Fixed Capital to Net Value Added	Emoluments to Net Value Added
1	2	3	4	5	6	7	8	9	10	11
1	Up to 25	45696	43075	174588	-163453	214239	0.81	-0.76	-1.07	-0.26
2	25-50	107773	97920	91916	79013	661435	0.14	0.12	1.16	1.24
3	50-100	65274	60281	159456	-33483	272397	0.59	-0.12	-4.76	-1.80
4	100-200	65302	61613	243553	100071	561883	0.43	0.18	2.43	0.62
5	200-500	66211	63033	308855	83378	588040	0.53	0.14	3.70	0.76
6	500-1000	83217	79394	243321	102496	772960	0.31	0.13	2.37	0.77
7	1000-2000	93614	89781	421093	161656	1033898	0.41	0.16	2.60	0.56
8	2000-5000	87791	88038	629173	141465	1396593	0.45	0.10	4.45	0.62
9	5000-10000	109563	109162	771712	230767	1908017	0.40	0.12	3.34	0.47
10	10000-50000	165704	160143	803998	511258	2734225	0.29	0.19	1.57	0.31
11	50000 and above	462294	384643	2846838	1287098	10546392	0.27	0.12	2.21	0.30
12	Total	116562	113681	633619	253676	1883565	0.34	0.13	2.50	0.45

3.59 The above statement floods the lights on structural ratios and technical coefficient with size of gross value of output of factories in 2008-09.

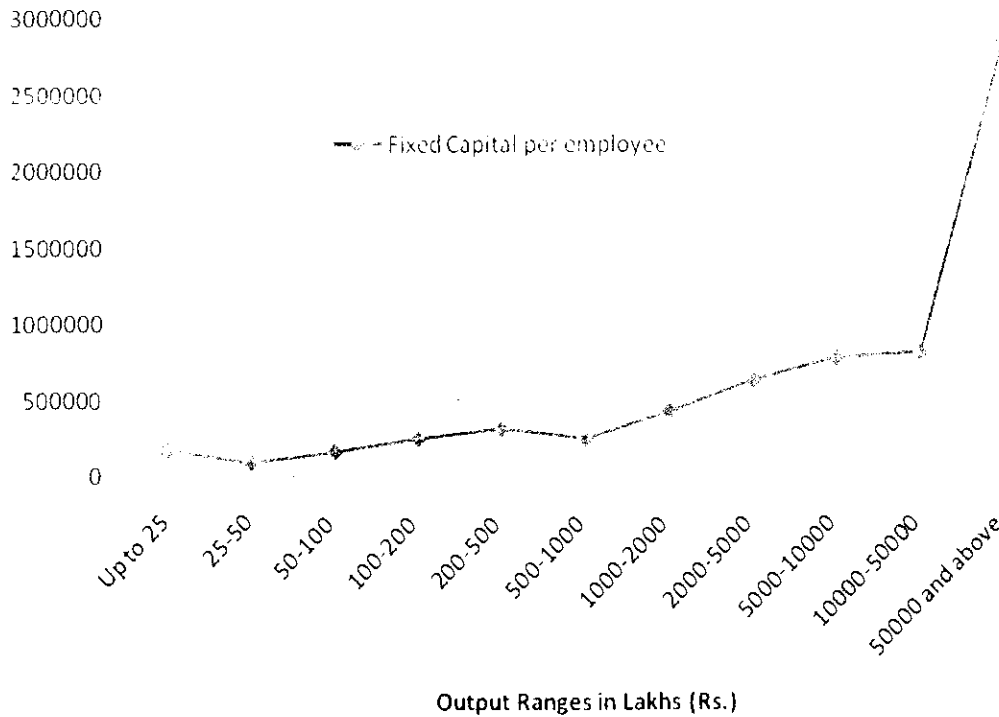
3.60 Annual wages per worker and emoluments per employee were increasing when the output ranges increased except under the range of output Rs.25 lakhs -50 lakhs. This can be explained in the following diagram:



3.61 In the above graph, it is seen that a positive relationship between annual wages per worker and output ranges and Emoluments per employee and output ranges. It has been noted that both Annual wages per worker and emoluments per employee were increasing when the output ranges increased. The exceptional output range was bounded at Rs.25lakhs-Rs.50lakhs output range. There was a slackening in both Annual wages per worker and emoluments per employee at Rs. 2000 lakhs –Rs. 5000 lakhs. Again the trend in both terms was galloping.

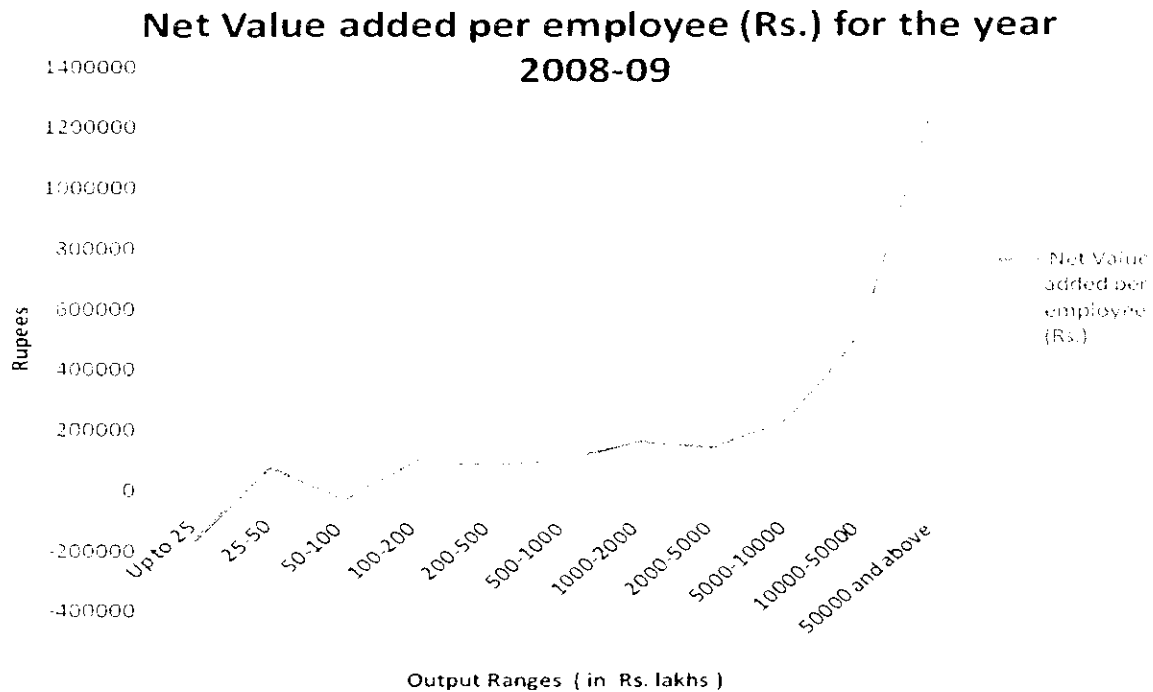
3.62 The Fixed capital per employees was Rs174588 in the output range up to Rs25 lakhs, and the same decreased in the next output range Rs25-50 lakhs to Rs. 91916. Then it gradually increases in the next three output ranges and again decreases in the output range Rs500-1000 lakhs. The overall performance of the Fixed capital shows a mixed trend in all the output ranges.

Fixed Capital per employee by size of gross value of output in 2008-09

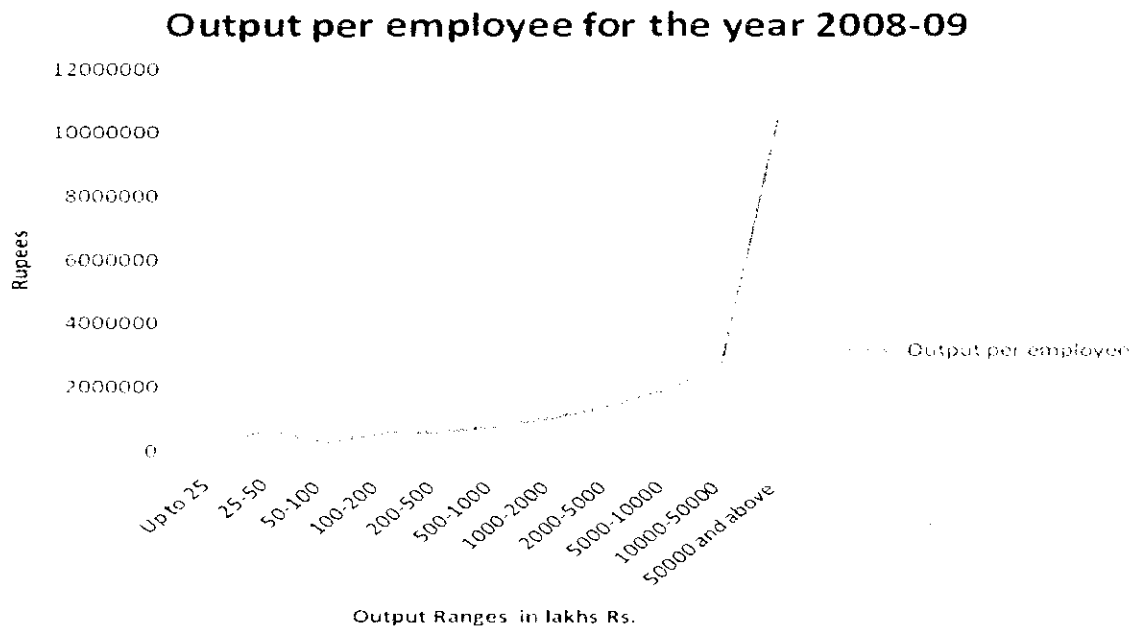


3.63 The above diagram represents a positive relationship between output ranges and fixed capital per employee in the year 2008-09 since capital investments on plants and machineries was always high in industries where the range of output were increasing. It paved the way for increasing trend in fixed capital per employee.

3.64 Net Value Added per employee had been zigzagged between the ranges up to Rs.25 lakhs and Rs.50 lakhs- Rs.100 lakhs , then it again dwindle at the range Rs.20 crores to Rs. 50 crores. Apart from above mentioned ranges, the Net Value Added per employee had been surging absolutely. The correlation between Net Value Added per Employee and Output ranges was positive. This is explained in the following graph.



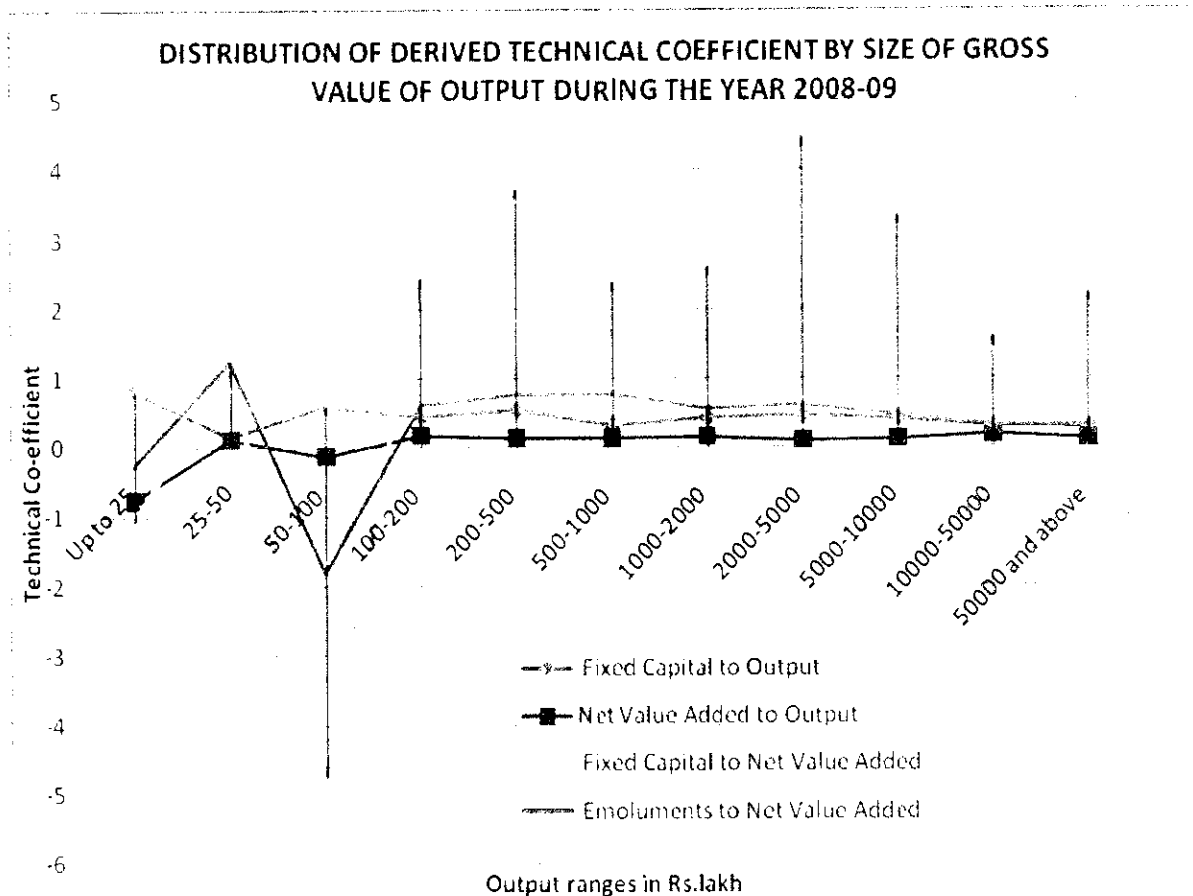
3.65 As seen in the other categories, Output per employee had been uneven between the ranges up to Rs.25 lakhs and Rs.50 lakhs- Rs.100 lakhs. Despite this negative mixed trend, the relationship between the Output per employee and Output ranges was positive or direct. This has been evidently explicated in the following graph.



Technical co-efficients

3.66 The statement 3.9 has portrayed the potential of factories with Technical co-efficients in proportion to output ranges. The ratio fixed capital to out put had been constructive in factories classified with different output ranges. Among all the output ranges, the fixed capital to output had high impact by Rs.0.81 lakhs under the output range Upto Rs. 25 lakhs in 2008-09.

3.67 Though the fixed capital to out put was positive under the output range 'Upto Rs. 25 lakhs', the other technical coefficients, namely, Net Value Added to Output, Fixed Capital to Net Value Added and Emoluments to Net Value Added were frail. The same gloomy was found in the output range of Rs.50 lakhs –Rs100 lakhs.

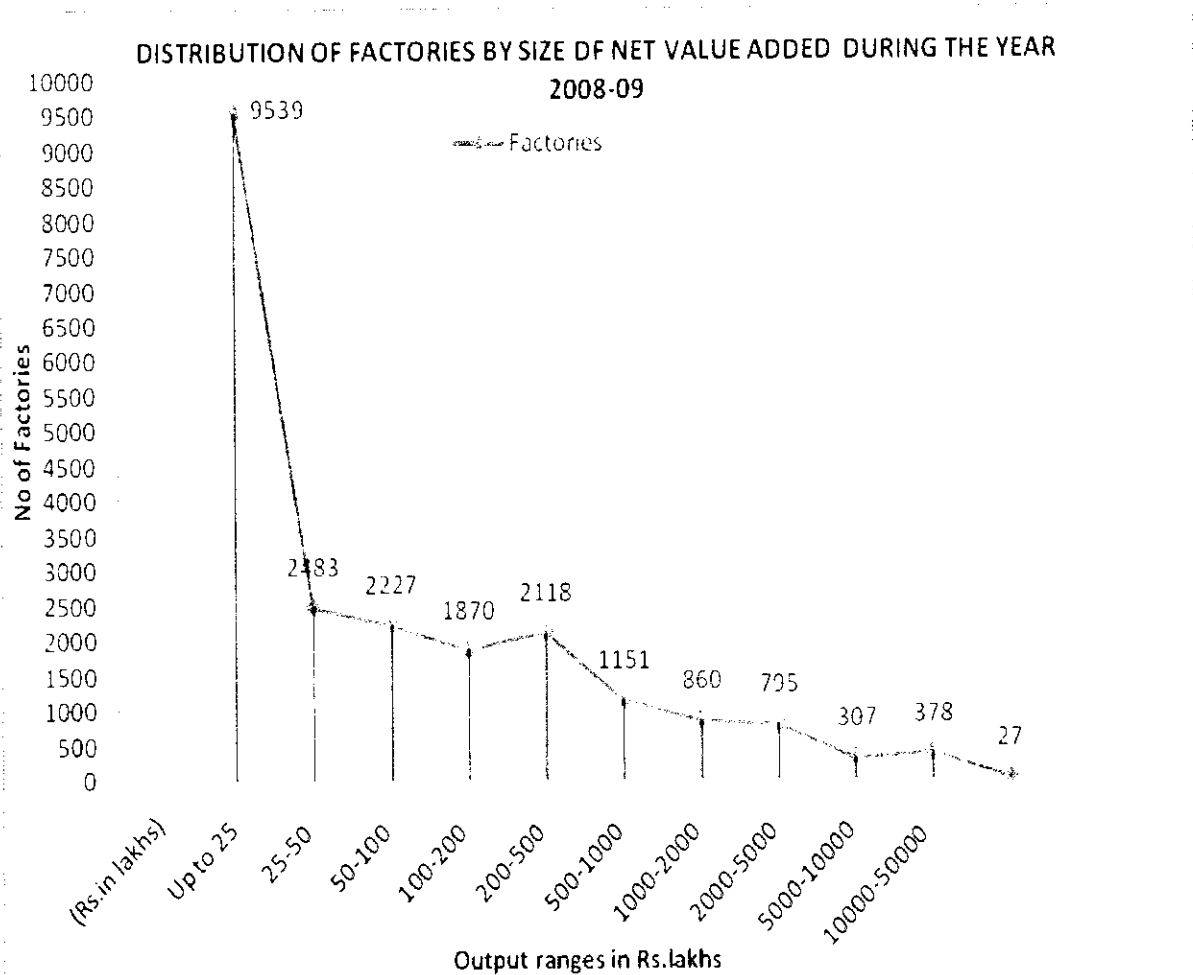


3.68 The above graph reveals the negative and positive trends of technical co-efficients effectively.

STATEMENT - 3.10
DISTRIBUTION OF PRINCIPAL CHARACTERISTICS OF FACTORIES BY SIZE OF NET VALUE ADDED DURING THE YEAR 2008-09

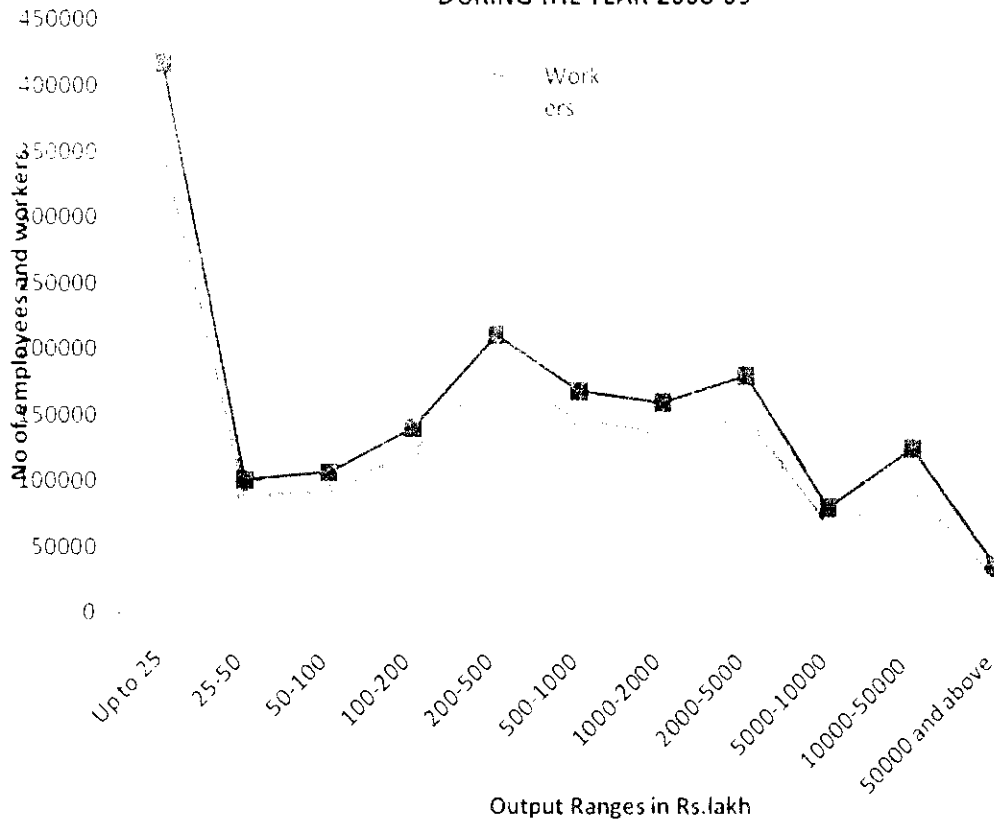
Sl. No.	Net Value Added (Rs.in lakhs)	(Rs.in Lakhs)														
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Factories	Workers	Employees	Total Wages	Total Emoluments	Fixed Capital	Physical Working Capital	Invested Capital	Working Capital	Total Input	Gross Output	Deprecia tion	Net Value Added	Net Income	G.V.A
1	Up to 25	9539	350942	417864	298916	336790	2771547	1533819	4305366	17665	7040886	5001241	230291	-2269938	-2550992	2039646
2	25-50	2483	88604	100628	81300	86330	130237	85832	215869	54403	347268	432572	14029	71275	58112	85304
3	50-100	2227	91778	106751	60115	66864	283704	109405	393109	29395	423528	573526	24189	125809	93569	149997
4	100-200	1870	122403	139810	101239	110939	321559	257629	579188	-219147	856717	1041316	33606	150993	118874	184600
5	200-500	2118	183114	210813	141840	161446	747352	346209	1093561	340554	1451379	1949483	72885	425220	352815	498104
6	500-1000	1151	145564	168168	134967	154077	785301	423022	1208323	210158	1627100	2183549	69669	486780	396451	556450
7	1000-2000	860	135557	159264	143898	165723	783055	454696	1237752	255597	1638032	2258644	63619	556993	480698	620612
8	2000-5000	795	148523	179919	199004	233725	960014	563919	1523933	489911	2109386	3103883	101846	892652	805746	994497
9	5000-10000	307	64716	79740	102441	126794	644756	466419	1111175	352786	1695781	2422920	53703	673436	622360	727139
10	10000-50000	378	92227	124485	260883	323497	2323512	1118764	3442277	716048	4004252	6698565	188226	2506087	2349855	2694313
11	50000 and above	27	25120	36014	163859	193051	1169104	903167	2072271	-918655	5926605	6796726	117438	752683	689576	870121
12	Total	21756	1448548	1723456	1688462	1959237	10920140	6262683	17182823	1328714	27120935	32462426	969501	4371990	3417063	5341491

3.69 The statement and the graph exhibit that the distribution of factories had been leaning down when the output ranges of factories were expanding. The net value added by this factories were of high when the output range was smaller, i.e the micro and small industries had convinced net value added.



3.70 The distribution employees and workers were shows ups and downs trend through the different ranges of output. Initially, the workers and employees were of massive in the group of output range up to Rs.25 lakhs. This trend was clamping down in the subsequent ranges of output. The trend line was inverse or negative as the output ranges increased the distribution of workers and employees fell in accordance with net value added. This can also be observed in the graph below.

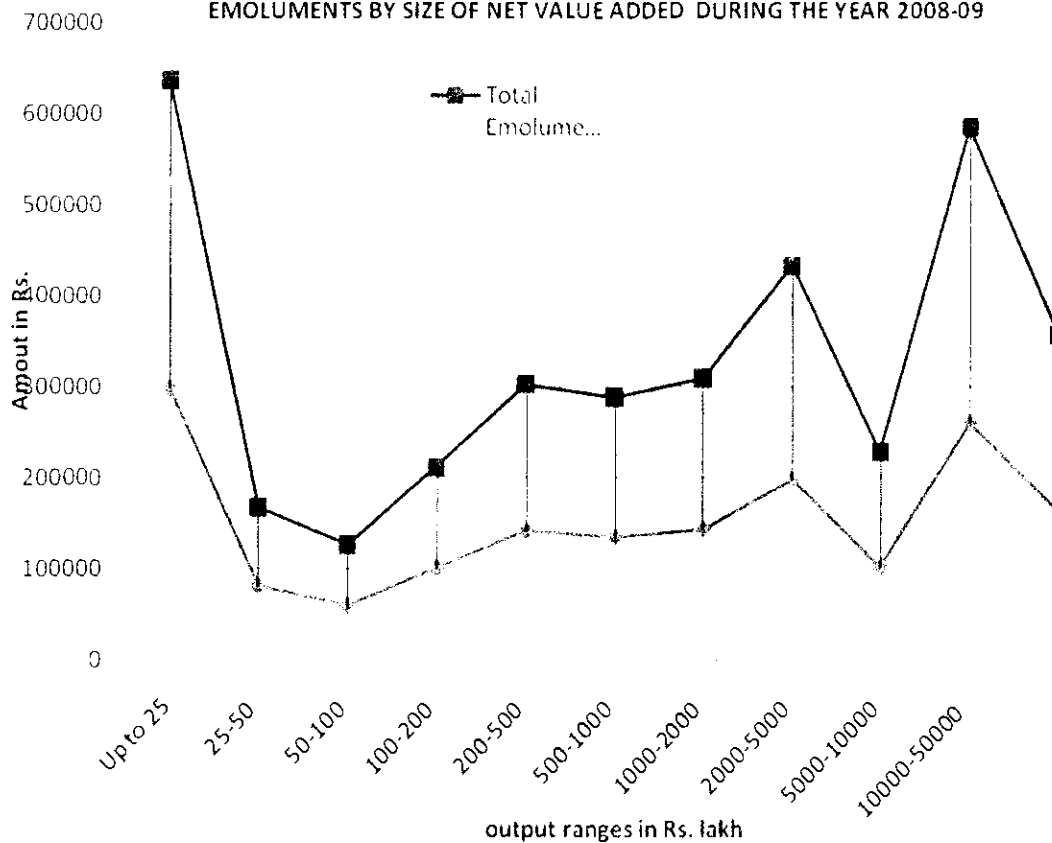
DISTRIBUTION OF WORKERS AND EMPLOYEES BY SIZE OF NET VALUE ADDED DURING THE YEAR 2008-09



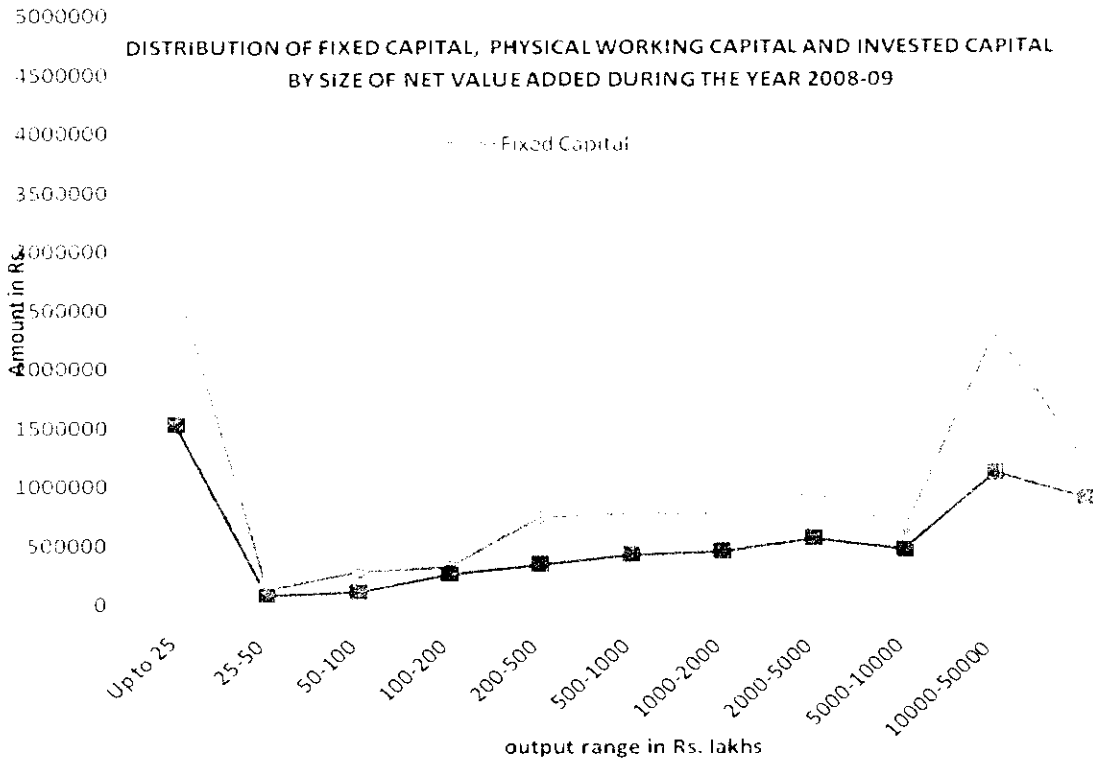
3.71 The total wages and emoluments were also showing sway between high and low. The total wages were high in the group of output range up to Rs.25 lakhs whereas there were a blend of dwindling and upswing the consecutive ranges of output.

3.72 The fascinating trend was noted between total wages and total emoluments. The total emoluments exceeded the total wages by Rs.62614 lakhs in the output range of Rs. 10000 lakhs - Rs.50000 lakhs. Such colossal emoluments could be possible only in the large scale industries on account of social responsibility of large industries. The next was observed at the output range 'up to Rs.25 lakhs' where the difference between the total wages and total emoluments was of Rs.37874 lakhs which was 60.49 percent of the Rs.62614 lakhs in the output range of Rs. 10000 lakhs - Rs.50000 lakhs. This sort of impressive trend was not seen in the factories of other output ranges. The trend in total wages and total emoluments are enlightened in the graph follows.

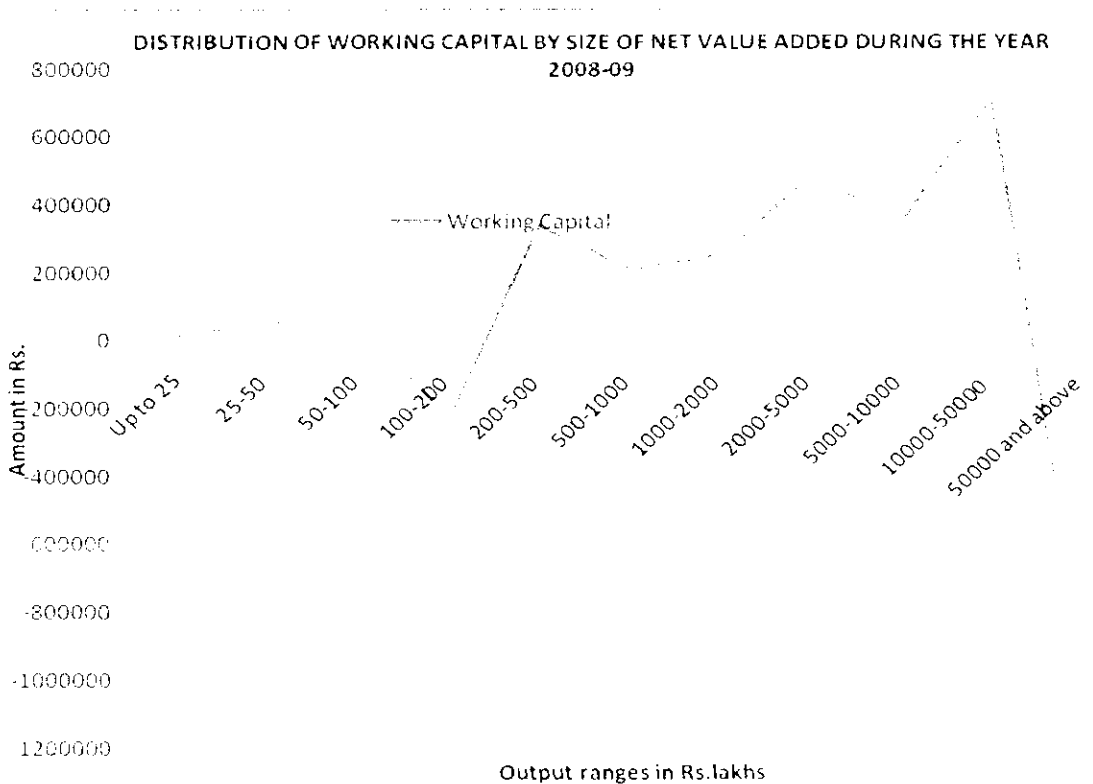
DISTRIBUTION OF PRINCIPAL CHARACTERISTICS OF TOTAL WAGES AND TOTAL EMOLUMENTS BY SIZE OF NET VALUE ADDED DURING THE YEAR 2008-09



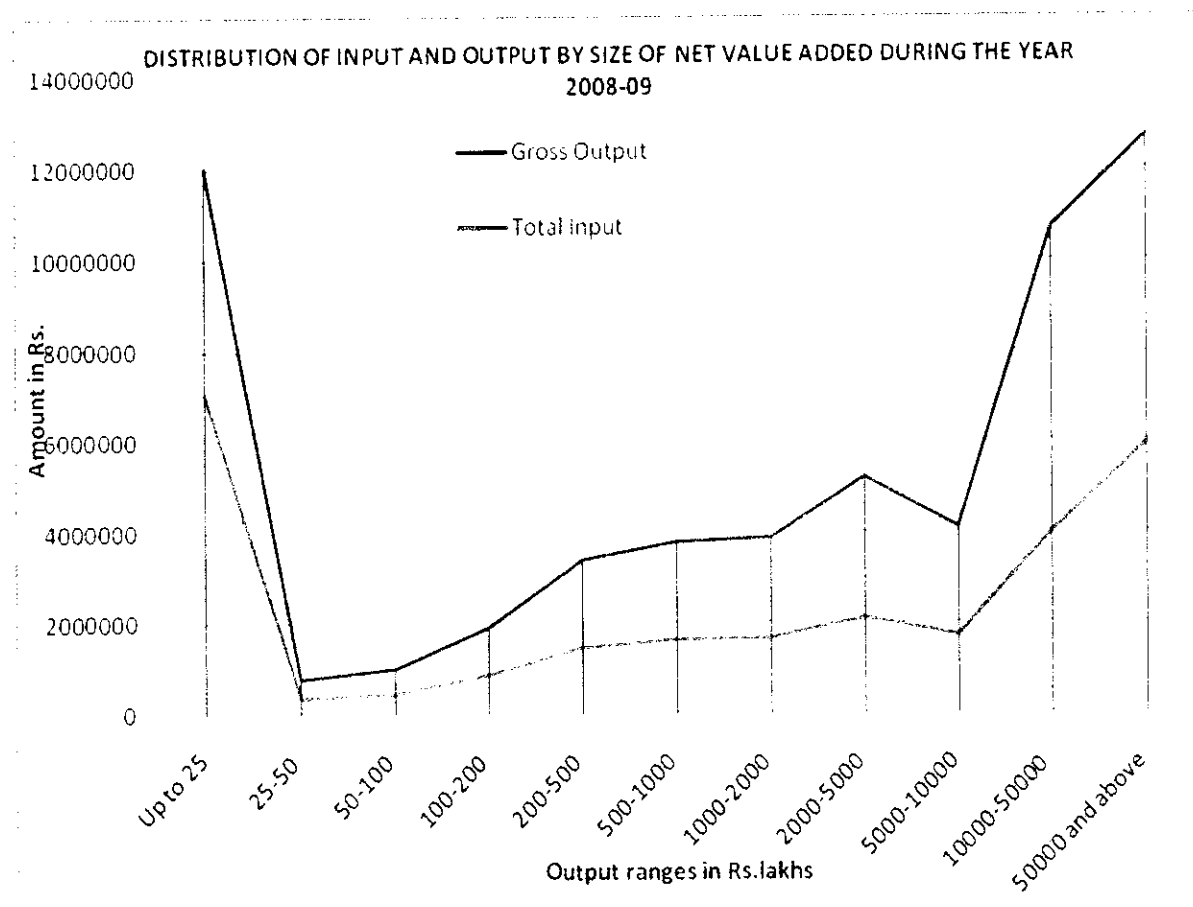
3.73 Fixed Capital, Physical Working Capital and Invested Capital were also initially high in the group of output range up to Rs.25 lakhs subsequently a combine of diminishing and escalating trend noted in the consecutive ranges of output. Fixed Capital, Physical Working Capital and Invested Capital were increasing in the range of output of Rs. 10000 lakhs and Rs. 50000 lakhs, and diminished again in the next range. This is explicated in the graph seen below:



3.74 The working capital was dismal in factories certain output ranges. It had fallen in ranges output Rs. 100 -200 lakhs and Rs.50000 lakhs and above. In other ranges of output it was rising and lessening. This can be shown in the graph below:

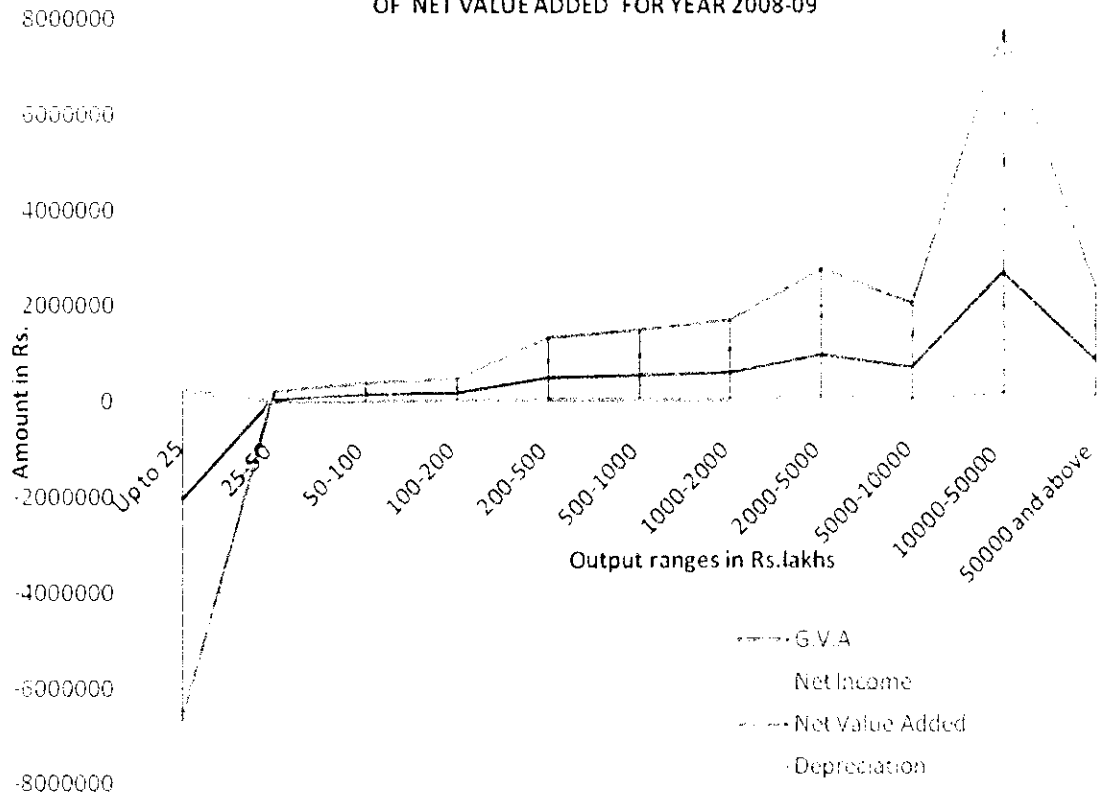


3.75 The trend in input and output were favourable. This was not final. The profit could be calculate after deducting the the depreciation only. However, the trend between input and output awns encouraging. The gap between input and output has been marked by vertical lines across the output ranges. It expounds the trend clearly. As such, the gap was minimal in the output range of Rs. 25 lakhs and Rs Rs.50 lakhs whereas it was remarkable in previous and subsequent output ranges.



3.76 Distribution of depreciation, Net Value Added, Net Income and Gross Value Added by size of net value added for the year 2008-09 are illustrated in the following graph. Depreciation in all sorts of output ranges was simply on parallel with horizontal axis, i.e., variation was sparse among output ranges. Net Value Added, Net Income and Gross Value Added were in the same track in all output ranges.

DISTRIBUTION OF DEPRECIATION, NET VALUE ADDED, NET INCOME AND G.V.A BY SIZE OF NET VALUE ADDED FOR YEAR 2008-09

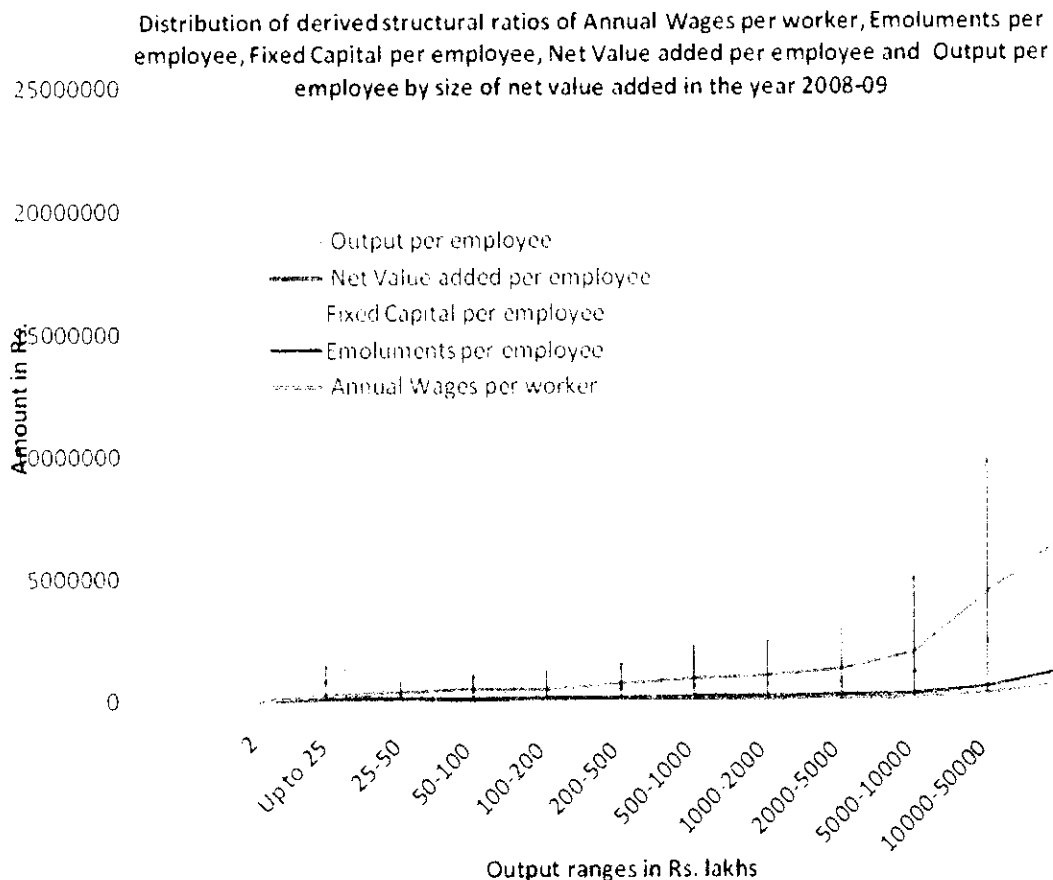


STATEMENT - 3.11

DISTRIBUTION OF DERIVED STRUCTURAL RATIOS AND TECHNICAL COEFFICIENT
BY SIZE OF NET VALUE ADDED DURING THE YEAR 2008-09

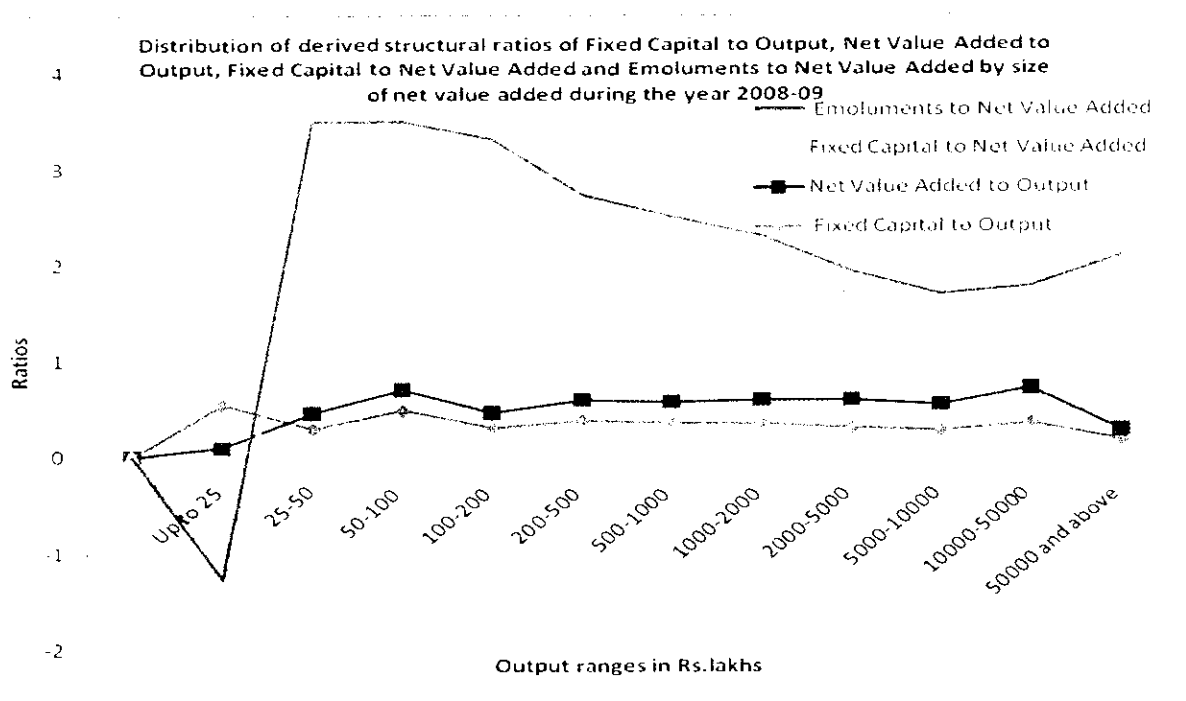
Sl. No.	Net Value Added Range (Rs.in lakhs)	Estimated Values of						Ratio of		
		Annual Wages per worker (Rs.)	Emoluments per employee (Rs.)	Fixed Capital per employee (Rs.)	Net Value added per employee (Rs.)	Output per employee (Rs.)	Fixed Capital to Output	Net Value Added to Output	Fixed Capital to Net Value Added	Emoluments to Net Value Added
1	2	3	4	5	6	7	8	9	10	11
1	Up to 25	85175	80598	663265	-543224	1196859	0.55	-0.45	-1.22	-0.15
2	25-50	91757	85792	129425	70830	429873	0.3	0.16	1.83	1.21
3	50-100	65500	62635	265761	117852	537253	0.49	0.22	2.26	0.53
4	100-200	82709	79350	229997	107999	744808	0.31	0.15	2.13	0.73
5	200-500	77460	76583	354509	201705	924745	0.38	0.22	1.76	0.38
6	500-1000	92720	91621	466974	289461	1298434	0.36	0.22	1.61	0.32
7	1000-2000	106153	104055	491671	349729	1418176	0.35	0.25	1.41	0.3
8	2000-5000	133988	129906	533582	496142	1725159	0.31	0.29	1.08	0.26
9	5000-10000	158294	159009	808572	844540	3038523	0.27	0.28	0.96	0.19
10	10000-50000	282871	259868	1866498	2013162	5381017	0.35	0.37	0.93	0.13
11	50000 and above	652292	536042	3246225	2089959	18872324	0.17	0.11	1.55	0.26
	Total	116562	113681	633619	253676	1883565	0.34	0.13	2.5	0.45

3.77 The statement 3.11 and graph are demonstrating the distribution of derived structural ratios of Annual Wages per worker, Emoluments per employee, Fixed Capital per employee, Net Value added per employee and Output per employee by size of net value added during the year 2008-09.



3.78 Derived structural ratios of Annual Wages per worker, Emoluments per employee, Fixed Capital per employee, Net Value added per employee and Output per employee was of positive. The relationship between output ranges and these concepts was direct since these were all increasing when the output ranges got bigger. Output per employee was vast in large scale factories whereas it was not in such mode in smaller output ranges.

3.79 Distribution of derived structural ratios of Fixed Capital to Output, Net Value Added to Output, Fixed Capital to Net Value Added and Emoluments to Net Value Added by size of net value added during the year 2008-09 is illuminated in the graph witnessed below:



3.80 The fixed capital to output by the size of net value added was less than Rs.55 lakhs per unit for industries under the segment with the output range of 'upto Rs.25 lakhs'. The blend of bump and slump trend was found between the output ranges of 'upto Rs.25 lakhs' and Rs. Rs.100 lakhs -Rs.200 lakhs. Subsequently, the stabilised trend trailed across the consecutive output ranges upto the penultimate range of output, and then plummeted in the final range as noted in the statement 3.11 and above graph. The same movement had been observed for net value added to output.

3.81 The fixed capital to net value added and the emoluments to net value Added were peaked at 1.83 and 1.21 respectively. Then, they both fell in the same trajectory across the successive output ranges.

The Industrial structure and growth across Tamil Nadu

3.82 As discussed in the earlier chapters Tamil Nadu has been one of the leading industrial States and its contribution to National GDP is also impressive. The district wise distribution factories, fixed capital, percentage share of value of output to districts, percentage share of employees to districts and percentage share of net value added to districts have to be deliberated in this Chapter.

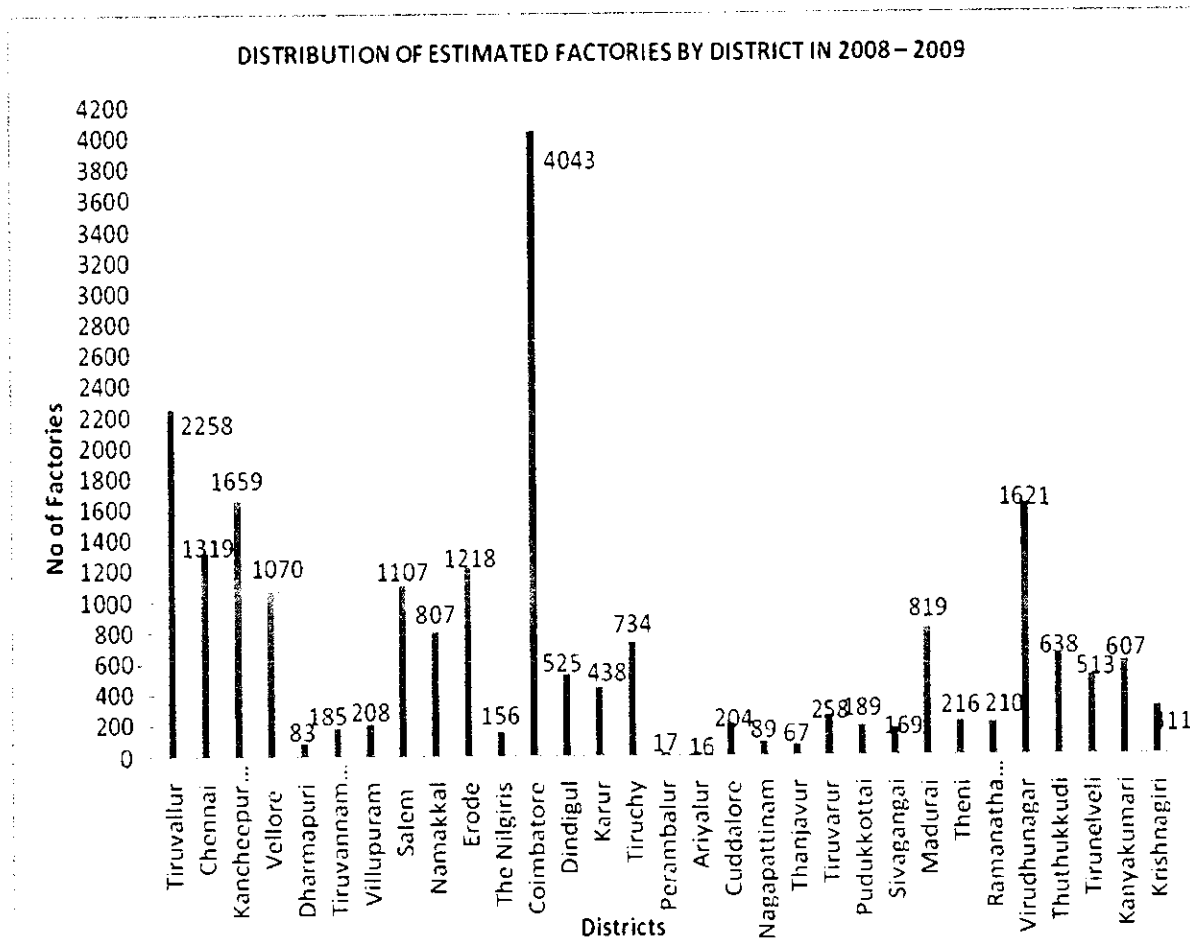
STATEMENT- 3.12

DISTRIBUTION OF ESTIMATED FACTORIES BY DISTRICT IN 2008 – 2009

Sl. No.	Name of the District	Number of Factories	Percentage to Total Number of Factories	Rank
1	2	3	4	5
1	Tiruvallur	2258	10.38	2
2	Chennai	1319	6.06	5
3	Kancheepuram	1659	7.62	3
4	Vellore	1070	4.92	8
5	Dharmapuri	83	0.38	28
6	Tiruvannamalai	185	0.85	24
7	Villupuram	208	0.96	21
8	Salem	1107	5.09	7
9	Namakkal	807	3.71	10
10	Erode	1218	5.6	6
11	The Nilgiris	156	0.72	26
12	Coimbatore	4043	18.59	1
13	Dindigul	525	2.41	14
14	Karur	438	2.01	16
15	Tiruchy	734	3.37	11
16	Perambalur	17	0.08	30
17	Ariyalur	16	0.07	31
18	Cuddalore	204	0.94	22
19	Nagapattinam	89	0.41	27
20	Thanjavur	67	0.31	29
21	Tiruvarur	258	1.19	18
22	Pudukkottai	189	0.87	23
23	Sivagangai	169	0.78	25
24	Madurai	819	3.77	9
25	Theni	216	0.99	19
26	Ramanathapuram	210	0.97	20
27	Virudhunagar	1621	7.45	4
28	Thuthukkudi	638	2.93	12
29	Tirunelveli	513	2.36	15
30	Kanyakumari	607	2.79	13
31	Krishnagiri	311	1.43	17
	State	21756	100	-

3.83 The statement above has shown the distribution of factories across the State. Out of 31 districts studied in the year 2008-09, the districts having less than 1 percent factories were 13 districts which had 8.33 percent industries in Toto. More than 5 percent factories were found in six districts. Tiruvallur and Coimbatore had more than 10 percent factories in the State. On the other hand, in absolute terms, more than 1000 factories were found in 8 districts. More than 500 and less than 1000 factories were traced in seven districts.

The distribution of Industries is demarcated in the following graph:



STATEMENT- 3.13

DISTRIBUTION OF FIXED CAPITAL TO DISTRICTS

Sl. No.	Name of the District	Fixed Capital (Rs. in Lakhs)	Percentage to Total Fixed Capital
1	2	3	4
1	Tiruvallur	1701682	15.58
2	Chennai	304378	2.79
3	Kancheepuram	2106023	19.29
4	Vellore	223679	2.05
5	Dharmapuri	21153	0.19
6	Tiruvannamalai	25275	0.23
7	Villupuram	63766	0.58
8	Salem	664848	6.09
9	Namakkal	240191	2.2
10	Erode	500123	4.58
11	The Nilgiris	50763	0.46
12	Coimbatore	1945670	17.82
13	Dindigul	312854	2.86
14	Karur	228753	2.09
15	Tiruchy	284945	2.61
16	Perambalur	16301	0.15
17	Ariyalur	119746	1.1
18	Cuddalore	247518	2.27
19	Nagapattinam	19664	0.18
20	Thanjavur	5396	0.05
21	Tiruvarur	44426	0.41
22	Pudukkottai	135444	1.24
23	Sivagangai	69105	0.63
24	Madurai	103885	0.95
25	Theni	51323	0.47
26	Ramanathapuram	370269	3.39
27	Virudhunagar	345876	3.17
28	Thuthukkudi	173096	1.59
29	Tirunelveli	108799	1
30	Kanyakumari	43987	0.4
31	Krishnagiri	391202	3.58
State		10920140	100

3.84 From the above, it is revealed that Kancheepuram district has utilized maximum Fixed Capital of Rs2106023 lakhs, which accounted to 19.29% followed by Coimbatore district which stood at Rs.1945670 lakhs amounting to 17.82% while Tiruvallur district stood third utilizing Rs.1701682 lakhs amounting to 15.58% of the total Fixed Capital of the State.

3.85 It is clearly seen from the table 3.12 and 3.13 that though Kancheepuram district stood third in terms of number of registered factories, it has utilized Fixed Capital to the maximum of 19.29% of the total Fixed Capital.

3.86 The least amount of fixed capital was utilized by Thanjavur and Perambalur districts which stand at 0.05% with Rs.5396 lakhs and 0.15% with Rs16301 lakhs respectively.

STATEMENT- 3.14

PERCENTAGE SHARE OF VALUE OF OUTPUT TO DISTRICTS

Sl. No.	Name of the District	Value of Output	Percentage Share to Districts
1	2	3	4
1	Tiruvallur	7606862	23.43
2	Chennai	1690619	5.21
3	Kancheepuram	5955154	18.34
4	Vellore	945903	2.91
5	Dharmapuri	60256	0.19
6	Tiruvannamalai	74931	0.23
7	Villupuram	140111	0.43
8	Salem	1381287	4.26
9	Namakkal	456017	1.4
10	Erode	1209253	3.73
11	The Nilgiris	71910	0.22
12	Coimbatore	5031807	15.5
13	Dindigul	816089	2.51
14	Karur	454341	1.4
15	Tiruchy	1335285	4.11
16	Perambalur	21682	0.07
17	Ariyalur	145615	0.45
18	Cuddalore	417961	1.29
19	Nagapattinam	28910	0.09
20	Thanjavur	12728	0.04
21	Tiruvarur	215003	0.66
22	Pudukkottai	272217	0.84
23	Sivagangai	93360	0.29
24	Madurai	509712	1.57
25	Theni	124601	0.38
26	Ramanathapuram	75686	0.23
27	Virudhunagar	681673	2.1
28	Thuthukkudi	404286	1.25
29	Tirunelveli	328397	1.01
30	Kanyakumari	248368	0.77
31	Krishnagiri	1652403	5.09
State		32462426	100

3.87 The statement 3.14 enunciates that the maximum output is from Tiruvallur district amounting to Rs.7606862 lakhs being 23.43% while Kancheepuram district stands second with Rs.5955154 lakhs being 18.34% followed by Coimbatore district with an output of Rs.5031807 lakhs being 15.50% of the total output. The least contribution is from Thanjavur, Perambalur and Nagapattinam districts which is 0.04%, 0.07% and 0.09% respectively to the State output.

STATEMENT- 3.15

PERCENTAGE SHARE OF EMPLOYEES TO DISTRICTS

Sl. No.	Name of the District	Employees (Nos.)	Percentage Share of Employees to Districts
1	2	3	4
1	Tiruvallur	207287	12.03
2	Chennai	82981	4.81
3	Kancheepuram	231318	13.42
4	Vellore	88710	5.15
5	Dharmapuri	10550	0.61
6	Tiruvannamalai	8315	0.48
7	Villupuram	10541	0.61
8	Salem	63196	3.67
9	Namakkal	41474	2.41
10	Erode	104444	6.06
11	The Nilgiris	10103	0.59
12	Coimbatore	352386	20.45
13	Dindigul	43657	2.53
14	Karur	24487	1.42
15	Tiruchy	55262	3.21
16	Perambalur	2980	0.17
17	Ariyalur	2152	0.12
18	Cuddalore	14461	0.84
19	Nagapattinam	2567	0.15
20	Thanjavur	10336	0.59
21	Tiruvarur	1232	0.07
22	Pudukkottai	22616	1.31
23	Sivagangai	10809	0.63
24	Madurai	42797	2.48
25	Theni	9577	0.56
26	Ramanathapuram	10936	0.63
27	Virudhunagar	107539	6.24
28	Thuthukkudi	38542	2.24
29	Tirunelveli	26205	1.52
30	Kanyakumari	42133	2.44
31	Krishnagiri	43864	2.55
State		1723456	100

3.88 It is observed from the above table that out of 1723456 employees in the State, maximum numbers of employees are placed in Coimbatore district with 352386 persons contributing to 20.45% of the total employment. Kancheepuram district stands second with a share of 231318 employees being 13.42%. This is followed by Tiruvallur district with a share of 207287 employees, Virudhunagar district with 107539 employees recording 12.03% and 6.24% respectively.

3.89 These four districts together contribute to 52.14% of the total employment in the State. The least contribution is from Tiruvarur and Ariyalur district with a percentage of 0.07% and 0.12% respectively.

STATEMENT- 3.16

PERCENTAGE SHARE OF NET VALUE ADDED TO DISTRICTS

Sl. No.	Name of the District	Net Value Added (Rs. In Lakhs)	Percentage Share to Districts
1	2	3	4
1	Tiruvallur	471756	10.79
2	Chennai	364725	8.34
3	Kancheepuram	656459	15.02
4	Vellore	158173	3.62
5	Dharmapuri	5470	0.13
6	Tiruvannamalai	17742	0.41
7	Villupuram	25778	0.59
8	Salem	273759	6.26
9	Namakkal	-32367	-0.74
10	Erode	236913	5.42
11	The Nilgiris	10467	0.24
12	Coimbatore	729218	16.68
13	Dindigul	167204	3.82
14	Karur	118175	2.7
15	Tiruchy	402478	9.21
16	Perambalur	-9586	-0.22
17	Ariyalur	78136	1.79
18	Cuddalore	134173	3.07
19	Nagapattinam	-23717	-0.54
20	Thanjavur	1289	0.03
21	Tiruvarur	64540	1.48
22	Pudukkottai	50645	1.16
23	Sivagangai	-32786	-0.75
24	Madurai	90044	2.06
25	Theni	21941	0.5
26	Ramanathapuram	11773	0.27
27	Virudhunagar	46223	1.06
28	Thuthukkudi	101512	2.32
29	Tirunelveli	86183	1.97
30	Kanyakumari	51802	1.18
31	Krishnagiri	93869	2.15
State		4371990	100

3.90 It is seen from the above table that Coimbatore district has the highest percentage share 16.68% to the Net value Added of the State amounting to Rs.729218 lakhs. Kancheepuram district has contributed to 15.02% amounting to Rs.656459 lakhs of the total Net Value Added. Tiruvallur district stands third and its share is 10.79% amounting to Rs.471756 lakhs to the total Net value Added. Namakkal, Perambalur, Nagapattinam and Sivagangai Districts has a negative Net value Added.

3.91 Three districts like Thanjavur, Dharmapuri and the Nilgiris districts have a meager contribution of 0.03%, 0.13% and 0.24% respectively to the Net Value Added in the State.

3.92 It is inferred that 66.30% of total Net value Added of the State has been contributed by Coimbatore, Kancheepuram, Tiruvallur, Trichirapalli, Chennai and Salem Districts.

Annexure-1

1. Principal Characteristics of factories (Estimated) by major industry groups during the year 2008-09

Ind. Code No.	Industry Description	No. of Factories	Fixed Capital	Productive Capital	Employees (In No.)	Emoluments	Total Value Of Output	(Rs. in lakhs)	
								8	9
1	2	3	4	5	6	7	8	9	
1	Crop and animal production, hunting and related service activities	400	51199	63319	14676	44299	164184	14049	
2	Forestry and logging	67	947	4579	412	277	5886	3367	
3	Fishing and aquaculture	16	97	260	173	149	376	278	
5	Mining coal and lignite	12	1168	10009	618	1372	11956	4986	
6	Extraction of crude petroleum and natural gas	1	1305	1319	92	241	12654	277	
7	Mining of metal ores	23	12831	-33793	584	1434	50767	-34723	
8	Other mining and quarrying	145	33643	29149	3611	2541	35757	-20571	
9	Mining support service activities	0	0	0	0	0	-0	0	
10	Manufacture of food products	3051	605897	444537	149388	124032	2693160	82134	
11	Manufacture of beverages	138	81427	126578	8970	11490	303265	60638	
12	Manufacture of tobacco products	151	2391	4605	3196	2107	28171	4907	
13	Manufacture of textiles	3895	1992043	2277601	364876	242935	4186338	958232	
14	Manufacture of wearing apparel	1742	410781	622822	219211	157652	1838021	800943	
15	Manufacture of leather and related products	1046	147656	169574	102879	75068	750458	126079	
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	246	23903	66254	7279	11516	55175	-2715	
17	Manufacture of paper and paper products	662	282399	341954	24817	23947	396546	73988	
18	Printing and reproduction of recorded media	531	55596	77813	15530	12113	136002	32285	
19	Manufacture of coke and refined petroleum products	56	408265	488654	9543	28570	3484384	101871	
20	Manufacture of chemicals and chemical products	1444	528420	-10452	103972	81787	1103548	162054	
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	231	252449	268983	24635	48290	717114	342436	
22	Manufacture of rubber and plastic products	779	458766	667252	85993	100782	1131399	-598372	

Annexure- 1 (Contd.) Principal Characteristics of factories (Estimated) by major industry groups during the year 2008-09

		(Rs. in lakhs)							
1	2	3	4	5	6	7	8	9	
23	Manufacture of other non-metallic mineral products	754	593432	802704	56346	68927	1016405	201565	
24	Manufacture of basic metals	913	848361	1143847	78794	106111	2385046	47043	
25	Manufacture of fabricated metal products, except machinery and equipment	1136	426002	530938	76033	155666	1542376	358569	
26	Manufacture of computer, electronic and optical products	252	200517	-765325	27750	52059	917628	168342	
27	Manufacture of electrical equipment	358	164843	427991	33852	42070	675470	148433	
28	Manufacture of machinery and equipment n.e.c	1136	740308	1194878	73744	158175	1716733	438522	
29	Manufacture of motor vehicles, trailers and semi-trailers	564	1610766	1922857	112301	247963	4405510	447710	
30	Manufacture of other transport equipment	177	133677	206371	18087	40410	486235	87362	
31	Manufacture of furniture	85	8235	18300	3226	3579	30329	8036	
32	Other manufacturing	164	87197	244005	28740	43626	770686	76438	
33	Repair and installation of machinery and equipment	185	11381	21320	7242	5524	28696	6735	
35	Electricity, gas, steam and air conditioning supply	46	549115	548796	3014	5110	263963	99349	
36	Water collection, treatment and supply	16	1646	2251	920	533	3957	2265	
37	Sewerage	21	7428	9243	835	1221	2674	-146	
38	Waste collection, treatment and disposal activities; materials recovery	13	1767	5295	894	653	9584	858	
39	Remediation activities and other waste management services	13	598	399	612	686	2286	522	
41	Construction and buildings	16	33400	60379	7570	4540	29192	-12068	
42	Civil engineering	38	1832	-2887	2838	1410	75265	56344	
43	Specialized construction activities	30	1861	5408	782	545	2266	-1290	
45	Wholesale and retail trade and repair of motor vehicles and motorcycles	621	45541	42713	24178	20929	586850	23870	
46	Wholesale trade, except of motor vehicles and motor vehicles and motorcycles	140	10007	36338	2419	2426	133727	16929	
47	Retail trade, except of motor vehicles and motorcycles	44	2721	4206	1022	354	3662	-420	
49	Land transport and transport via pipelines	0	0	0	0	0	0	0	
50	Water transport	10	104	124	140	83	3237	133	

Annexure- 1 (Contd.) 1. Principal Characteristics of factories (Estimated) by major industry groups during the year 2008-09
(Rs. in lakhs)

1	2	3	4	5	6	7	8	9
51	Air transport	1	7	15	9	3	83	15
52	Warehousing and support activities for transportation	151	17966	31717	6735	8763	51731	-14267
53	Postal and courier activities	2	3858	5367	54	66	1133	436
55	Accommodation	2	40	225	90	96	434	72
56	Food and beverage service activities	2	109	155	20	8	489	87
58	Publishing activities	88	46208	66333	7081	12658	174080	89211
59	Motion Picture, Video and television programme production, sound recording and music publishing activities	8	8224	25292	554	848	11269	4631
62	Computer programming, Consultancy and related activities	0	0	0	0	0	0	0
63	Information service activities	0	0	0	0	0	0	0
65	Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0
71	Architecture and engineering activities; technical testing and analysis	12	3390	24028	847	770	5632	194
74	Other professional, scientific and technical activities n.e.c	6	180	892	57	25	1044	60
77	Rental and leasing activities	1	235	726	66	57	383	31
81	Services to buildings and landscape activities	53	4230	7151	2308	1483	12874	4138
82	Other administrative, office support and other business support activities	12	3139	4702	575	834	2978	-107
84	Public administration and defence; compulsory social security	0	0	0	0	0	0	0
86	Human health activities	1	1	27	9	3	8	7
90	Creative, arts and entertainment activities	0	0	0	0	0	0	0
93	Sports activities and amusement and recreation activities	43	575	1147	3083	369	3174	142
95	Repair of computers and personal and household goods	4	51	-96	53	26	130	59
96	Other personal service activities	1	6	7	121	26	47	36
98	Undifferentiated goods- and service- producing activities of private households of own use	21756	10920140	12248854	1723456	1959237	32462426	4371990
	Total							

2. Structural Ratios and technical Co-efficient by Major industry group during the year 2008-09

(Rs. in lakhs)

Ind Code No	Industry Description	Estimated Fixed Capital	Estimated Output	Fixed Capital to Output Ratio	Estimated Net Value Added	Fixed Capital to Net Value Added Ratio	Net Value Added to Output Ratio	Estimated Input	Input to Output Ratio
		3	4	5	6	7	8	9	10
1	2								
1	Crop and animal production, hunting and related service activities	51199	164184	0.31	14049	3.64	0.09	148561	0.9
2	Forestry and logging	947	5886	0.16	3367	0.28	0.57	2439	0.41
3	Fishing and aquaculture	97	376	0.26	278	0.35	0.74	93	0.25
5	Mining coal and lignite	1168	11956	0.1	4986	0.23	0.42	6885	0.58
6	Extraction of crude petroleum and natural gas	1305	12654	0.1	277	4.7	0.02	12343	0.98
7	Mining of metal ores	12831	50767	0.25	-34723	-0.37	-0.68	84178	1.66
8	Other mining and quarrying	33643	35757	0.94	-20571	-1.64	-0.58	53700	1.5
9	Mining support service activities	0	0	0	0	0	0	0	0
10	Manufacture of food products	605897	2693160	0.22	82134	7.38	0.03	2566262	0.95
11	Manufacture of beverages	81427	303265	0.27	60638	1.34	0.2	234958	0.77
12	Manufacture of tobacco products	2391	28171	0.08	4907	0.49	0.17	23068	0.82
13	Manufacture of textiles	1992043	4186338	0.48	958232	2.08	0.23	3027619	0.72
14	Manufacture of wearing apparel	410781	1838021	0.22	800943	0.51	0.44	994159	0.54
15	Manufacture of leather and related products	147656	750458	0.2	126079	1.17	0.17	610135	0.81
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	23903	55175	0.43	-2715	-8.8	-0.05	56785	1.03
17	Manufacture of paper and paper products	282399	396546	0.71	73988	3.82	0.19	302430	0.76
18	Printing and reproduction of recorded media	55596	136002	0.41	32285	1.72	0.24	97474	0.72
19	Manufacture of coke and refined petroleum products	408265	3484384	0.12	101871	4.01	0.03	3353991	0.96
20	Manufacture of chemicals and chemical products	528420	1103548	0.48	162054	3.26	0.15	886889	0.8
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	252449	717114	0.35	342436	0.74	0.48	355506	0.5
22	Manufacture of rubber and plastic products	458766	1131399	0.41	-598372	-0.77	-0.53	1698937	1.5
23	Manufacture of other non-metallic mineral products	593432	1016405	0.58	201565	2.94	0.2	769886	0.76

2. Structural Ratios and technical Co-efficient by Major industry group during the year 2008-09 (Contd.)

1	2	3	4	5	6	7	8	9	10
24	Manufacture of basic metals	848361	2385046	0.36	47043	18.03	0.02	2282028	0.96
25	Manufacture of fabricated metal products, except machinery and equipment	426002	1542376	0.28	358569	1.19	0.23	1145233	0.74
26	Manufacture of computer, electronic and optical products	200517	917628	0.22	168342	1.19	0.18	728785	0.79
27	Manufacture of electrical equipment	164843	675470	0.24	148433	1.11	0.22	510113	0.76
28	Manufacture of machinery and equipment n.e.c	740308	1716733	0.43	438522	1.69	0.26	1191274	0.69
29	Manufacture of motor vehicles, trailers and semi-trailers	1610766	4405510	0.37	447710	3.6	0.1	3791422	0.86
30	Manufacture of other transport equipment	133677	486235	0.27	87362	1.53	0.18	383682	0.79
31	Manufacture of furniture	8235	30329	0.27	8036	1.02	0.26	21319	0.7
32	Other manufacturing	87197	770686	0.11	76438	1.14	0.1	688483	0.89
33	Repair and installation of machinery and equipment	11381	28696	0.4	6735	1.69	0.23	20918	0.73
34	Repair and installation of machinery and equipment	549115	263963	2.08	99349	5.53	0.38	145190	0.55
35	Electricity, gas, steam and air conditioning supply	1646	3957	0.42	2265	0.73	0.57	1286	0.32
36	Water collection, treatment and supply	7428	2674	2.78	-146	-50.89	-0.05	2439	0.91
37	Sewerage	1767	9584	0.18	858	2.06	0.09	8534	0.89
38	Waste collection, treatment and disposal activities; materials recovery	598	2286	0.26	522	1.15	0.23	1689	0.74
39	Remediation activities and other waste management services	33400	29192	1.14	-12068	-2.77	-0.41	36497	1.25
40	Construction and buildings	1832	75265	0.02	56344	0.03	0.75	18719	0.25
41	Civil engineering	1861	2266	0.82	-1290	-1.44	-0.57	3358	1.48
42	Specialized construction activities	45541	586850	0.08	23870	1.91	0.04	558616	0.95
43	Wholesale and retail trade and repair of motor vehicles and motorcycles	10007	133727	0.07	16929	0.59	0.13	115676	0.87
44	Wholesale trade, except of motor vehicles and motorcycles	2721	3662	0.74	-420	-6.47	-0.11	3898	1.06
45	Retail trade, except of motor vehicles and motorcycles	0	0	0	0	0	0	0	0
46	Land transport and transport via pipelines	104	3237	0.03	133	0.78	0.04	3091	0.95
47	Water transport	7	83	0.08	15	0.46	0.18	68	0.81
48	Air transport								

2. Structural Ratios and technical Co-efficient by Major industry group during the year 2008-09 (Contd.)

1	2	3	4	5	6	7	8	9	10
52	Warehousing and support activities for transportation	17966	51731	0.35	-14267	-1.26	-0.28	65271	1.26
53	Postal and courier activities	3858	1133	3.41	436	8.85	0.38	315	0.28
55	Accommodation	40	434	0.09	72	0.56	0.17	360	0.83
56	Food and beverage service activities	109	489	0.22	87	1.25	0.18	389	0.79
58	Publishing activities	46208	174080	0.27	89211	0.52	0.51	79109	0.45
59	Motion Picture, Video and television programme production, sound recording and music publishing activities	8224	11269	0.73	4631	1.78	0.41	6165	0.55
62	Computer programming, Consultancy and related activities	0	0	0	0	0	0	0	0
63	Information service activities	0	0	0	0	0	0	0	0
65	Insurance, reinsurance and pension funding, except compulsory social security	0	0	0	0	0	0	0	0
71	Architecture and engineering activities; technical testing and analysis	0	0	0	0	0	0	0	0
74	Other professional, scientific and technical activities	3390	5632	0.6	194	17.49	0.03	5111	0.91
77	Rental and leasing activities	180	1044	0.17	60	3.01	0.06	964	0.92
81	Services to buildings and landscape activities	235	383	0.61	31	7.64	0.08	325	0.85
82	Other administrative, office support and other business support activities	4230	12874	0.33	4138	1.02	0.32	8411	0.65
84	Public administration and defence; compulsory social security	3139	2978	1.05	-107	-29.38	-0.04	2889	0.97
86	Human health activities	0	0	0	0	0	0	0	0
90	Creative, arts and entertainment activities	1	8	0.12	7	0.13	0.9	1	0.08
93	Sports activities and amusement and recreation activities	0	0	0	0	0	0	0	0
95	Repair of computers and personal and household goods	575	3174	0.18	142	4.04	0.04	2929	0.92
96	Other personal service activities	51	130	0.39	59	0.85	0.46	68	0.53
98	Undifferentiated goods- and service- producing activities of private households of own use	6	47	0.13	36	0.17	0.77	10	0.21

3. Average annual earning per employee by major industry groups during the year 2008-09

Ind. Code No.	Industry Description	Employees (in Nos.)	Emoluments (Rs. in Lakhs)	Average Annual Earnings (in Rs.)
		3	4	5
1	2	14676	44299	301849
1	Crop and animal production, hunting and related service activities	412	277	67293
2	Forestry and logging	173	149	86424
3	Fishing and aquaculture	618	1372	221823
5	Mining coal and lignite	92	241	261526
6	Extraction of crude petroleum and natural gas	584	1434	245483
7	Mining of metal ores	3611	2541	70383
8	Other mining and quarrying	0	0	0
9	Mining support service activities	149388	124032	83027
10	Manufacture of food products	8970	11490	128091
11	Manufacture of beverages	3196	2107	65937
12	Manufacture of tobacco products	364876	242935	66580
13	Manufacture of textiles	219211	157652	71918
14	Manufacture of wearing apparel	102879	75068	72967
15	Manufacture of leather and related products	7279	11516	158197
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	24817	23947	96495
17	Manufacture of paper and paper products	15530	12113	77999
18	Printing and reproduction of recorded media	9543	28570	299370
19	Manufacture of coke and refined petroleum products	103972	81787	78662
20	Manufacture of chemicals and chemical products	24635	48290	196020
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	85993	100782	117199
22	Manufacture of rubber and plastic products	56346	68927	122327
23	Manufacture of other non-metallic mineral products			

3. Average annual earning per employee by major industry groups during the year 2008-09 (Contd..)

1	2	3	4	5
24	Manufacture of basic metals	78794	106111	134669
25	Manufacture of fabricated metal products, except machinery and equipment	76033	155666	204736
26	Manufacture of computer, electronic and optical products	27750	52059	187600
27	Manufacture of electrical equipment	33852	42070	124278
28	Manufacture of machinery and equipment n.e.c	73744	158175	214493
29	Manufacture of motor vehicles, trailers and semi-trailers	112301	247963	220802
30	Manufacture of other transport equipment	18087	40410	223423
31	Manufacture of furniture	3226	3579	110924
32	Other manufacturing	28740	43626	151797
33	Repair and installation of machinery and equipment	7242	5524	76269
35	Electricity, gas, steam and air conditioning supply	3014	5110	169548
36	Water collection, treatment and supply	920	533	57964
37	Sewerage	835	1221	146197
38	Waste collection, treatment and disposal activities; materials recovery	894	653	73083
39	Remediation activities and other waste management services	612	686	112096
41	Construction and buildings	7570	4540	59967
42	Civil engineering	2838	1410	49685
43	Specialized construction activities	782	545	69647
45	Wholesale and retail trade and repair of motor vehicles and motorcycles	24178	20929	86563
46	Wholesale trade, except of motor vehicles and motor vehicles and motorcycles	2419	2426	100292
47	Retail trade, except of motor vehicles and motorcycles	1022	354	34648
49	Land transport and transport via pipelines	0	0	0
50	Water transport	140	83	59170
51	Air transport	9	3	28064

3. Average annual earning per employee by major industry groups during the year 2008-09 (Contd..)

	2	3	4	5
1				
52	Warehousing and support activities for transportation	6735	8763	130116
53	Postal and courier activities	54	66	122904
55	Accommodation	90	96	106264
56	Food and beverage service activities	20	8	38568
58	Publishing activities	7081	12658	178761
59	Motion Picture, Video and television programme production, sound recording and music publishing activities	554	848	153106
62	Computer programming, Consultancy and related activities	0	0	0
63	Information service activities	0	0	0
65	Insurance, reinsurance and pension funding, except compulsory social security	0	0	0
71	Architecture and engineering activities; technical testing and analysis	847	770	90909
74	Other professional, scientific and technical activities n.e.c	57	25	44463
77	Rental and leasing activities	66	57	85677
81	Services to buildings and landscape activities	2308	1483	64257
82	Other administrative, office support and other business support activities	575	834	144967
84	Public administration and defence; compulsory social security	0	0	0
86	Human health activities	9	3	37947
90	Creative, arts and entertainment activities	0	0	0
93	Sports activities and amusement and recreation activities	3083	369	11953
95	Repair of computers and personal and household goods	53	26	48773
96	Other personal service activities	121	26	21586
98	Undifferentiated goods- and service- producing activities of private households of own use			
	Total	1723456	1959237	6865736

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09

(Value Rs. in Lakhs)

Industry Code	No. of Factories	STATE : TAMILNADU										Directly Employed Workers (Nos.)			
		Fixed Capital	Physical Working Capital	Working Capital	Invested Capital	Productive Capital	Rent Paid for Fixed Capital	Outstanding Loan	Interest Paid	Gross Value of Plant & Machinery	Number of Workers	Total	Men (Nos.)	Women (Nos.)	Children (Nos.)
X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	400	5199	22012	12120	73211	63319	726	4390	3334	36657	13124	12748	6298	6451	0
2	67	947	3103	3632	4050	4579	8	259	179	154	226	226	221	5	0
3	16	97	197	162	294	260	5	0	3	48	153	153	113	40	0
5	12	1168	9135	8841	10303	10009	0	16	42	218	581	581	458	124	0
6	1	1305	147	14	1452	1319	0	0	0	1713	84	24	23	1	0
7	23	12831	109	-46624	12939	-33793	49	21	1	25094	399	267	185	81	0
8	145	33643	10136	-4494	43779	29149	378	4611	11919	37562	3104	2579	2354	225	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	3051	605897	611386	-161360	1217283	444537	18033	348226	53706	506303	124710	99071	51783	47288	0
11	138	81427	39510	45152	120937	126578	772	29554	8760	71790	6886	3223	1961	1262	0
12	151	2391	3839	2214	6231	4605	77	1526	197	789	2673	2372	1489	883	0
13	3895	1992043	764237	285558	2756280	2277601	5771	1281474	190514	2177576	323402	309082	170213	138869	0
14	1742	410781	320179	212041	730960	622822	7235	210788	49403	263074	192645	188273	78415	109859	0
15	1046	147656	150831	21917	298487	169574	3466	52925	12704	93453	90460	85162	33443	51719	0
16	246	23903	27686	42351	51588	66254	254	11841	2313	18366	6292	5032	3127	1904	0
17	662	282399	85672	59555	368071	341954	687	139127	12558	334067	20911	16322	10647	5674	0
18	531	55596	25045	22217	80642	77813	1188	19471	3884	45360	12298	11578	9286	2292	0
19	56	408265	249046	80390	657310	488654	2445	120355	26795	494344	7786	7399	3451	3948	0
20	1444	528420	192491	-538872	720911	-10452	3760	234495	113692	832353	90759	83834	35560	48273	0
21	231	252449	105649	16534	358098	268983	829	173704	18075	210806	16307	12478	9884	2594	0
22	779	458766	590096	208485	1048862	667252	9209	110059	25245	423443	67202	48136	38787	9348	0

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

STATE : TAMILNADU (Contd..)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
X																
23	754	593432	223887	209271	817319	802704	4964	219167	35712	578762	47476	32323	28225	4098	0	
24	913	848361	442442	295486	1290803	1143847	3199	281167	55683	761313	65921	43967	40956	3011	0	
25	1136	426002	448154	104936	874155	530938	5853	120424	24627	340248	61098	39760	36307	3453	0	
26	252	200517	130039	-965842	330556	-765325	3343	45481	10238	116056	22553	16283	10078	6206	0	
27	358	164843	132300	263148	297144	427991	4509	103072	11069	151192	27434	24660	14139	10521	0	
28	1136	740308	615626	454571	1355933	1194878	7984	127901	29906	763126	55502	46687	41575	5112	0	
29	564	1610766	649494	312091	2260260	1922857	8571	847276	91627	1648873	89368	65123	59222	5901	0	
30	177	133677	111851	72694	245528	206371	2647	114887	9985	162370	14188	9852	8981	871	0	
31	85	8235	9243	10065	17477	18300	143	3997	418	7806	2604	1808	1654	154	0	
32	164	87197	142692	156808	229889	244005	5219	23148	6831	51807	24889	16639	7395	9244	0	
33	185	11381	9300	9939	20681	21320	226	636	194	9346	6136	5882	4085	1797	0	
35	46	549115	22490	-319	571605	548796	201	101865	15712	302839	2492	1197	1177	20	0	
36	16	1646	37	605	1683	2251	2	191	104	2197	718	623	414	210	0	
37	21	7428	429	1814	7858	9243	105	4386	230	924	546	536	510	26	0	
38	13	1767	2387	3529	4154	5295	15	881	191	2402	831	409	228	181	0	
39	13	598	343	-199	941	399	30	825	289	132	447	385	344	41	0	
41	16	33400	7346	26979	40746	60379	18	38	4602	29986	7448	7302	7276	26	0	
42	38	1832	416	-4719	2248	-2887	74	302	141	1054	2802	2692	1975	717	0	
43	30	1861	638	3547	2500	5408	14	8	6	988	622	622	471	151	0	
45	621	45541	52652	-2829	98193	42713	2772	35277	10053	12096	17124	16018	15310	707	0	
46	140	10007	13796	26331	23803	36338	159	1346	1707	8717	1751	1751	1074	676	0	
47	44	2721	802	1485	3523	4206	2	116	78	459	907	825	468	356	0	
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50	10	104	171	20	275	124	0	27	25	21	90	90	90	90	0	

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

STATE : TAMILNADU (Contd..)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
51	1	7	12	8	19	15	0	0	0	2	9	9	9	9	0	0
52	151	17966	12671	13752	30636	31717	1555	1555	1455	1048	12316	5785	4494	4329	166	0
53	2	3858	2417	1508	6275	5367	188	188	0	254	4424	46	46	36	10	0
55	2	40	159	184	199	225	0	0	0	4	26	72	72	66	6	0
56	2	109	92	46	201	155	0	0	0	0	112	18	18	0	18	0
58	88	46208	12802	20125	59009	66333	874	874	17901	1854	44971	3670	3235	3153	82	0
59	8	8224	823	17068	9046	25292	17	17	8993	813	2046	427	427	323	104	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	12	3390	2263	20639	5653	24028	84	84	337	64	1183	699	699	687	12	0
77	6	180	798	712	978	892	1	1	10	34	34	38	38	25	13	0
81	1	235	0	490	235	726	0	0	1	1	0	41	41	37	4	0
82	53	4230	1041	2921	5271	7151	136	136	2043	10	3936	1817	1734	900	833	0
84	12	3139	2193	1563	5332	4702	41	41	0	143	840	518	345	230	115	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	1	1	0	26	1	27	0	0	17	0	9	8	8	4	4	0
93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	43	575	374	572	949	1147	99	99	67	1	506	2292	2243	2148	95	0
96	4	51	1	-147	51	-96	7	7	0	0	14	42	42	26	16	0
98	1	6	0	1	6	7	3	3	0	0	4	119	119	7	112	0
Total	21756	10920140	6262683	1328714	17192823	12248854	107945	107945	4806080	846981	10596307	1448548	1237542	751632	485910	0

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

Industry Code	Workers Employed through Contract (Nos.)	Mandays Worker (Nos.)	Mandays Worker Manufacturing (Nos.)	Mandays Worker Non-Manufacturing (Nos.)	Number of Employees (Nos.)	Supervisory and Managerial Staff (Nos.)	Other Employees (Nos.)	Unpaid family members / ropretor (Nos.)	Mandays Employees (Nos.)	Mandays Employees Manufacturing (Nos.)	Mandays Employees Non-Manufacturing (Nos.)	Wages to Workers	Total Emoluments	Provident Fund & Others
X	376	3465885	3412403	53481	14676	1175	314	63	3815358	3686669	128689	43649	44299	298
1	0	67478	66828	650	412	69	104	12	119464	118814	650	258	277	9
2	0	45500	45500	0	173	17	3	0	51310	51310	0	142	149	4
3	0	180170	180170	0	618	37	0	0	191671	191671	0	1348	1372	1
5	60	25284	25284	0	92	8	0	0	27692	27692	0	195	241	15
6	133	57966	57966	0	584	185	198	0	112117	112117	0	1087	1434	40
7	525	914336	914336	0	3611	309	198	0	1077514	1077364	150	2307	2541	155
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	25640	36357777	34282130	2075647	149388	10371	12954	1352	43742200	41018085	2724115	111505	124032	7508
10	3663	2126441	2101387	25054	8970	721	1338	25	2721846	2678961	42885	9624	11490	758
11	301	706857	706597	260	3196	164	256	102	829171	827732	1439	1747	2107	223
12	14320	106225122	106172582	52540	364876	20951	19416	1106	118823418	118627502	195917	209877	242935	16752
13	4371	56844332	56732889	111443	219211	12381	13816	370	64580383	64444090	136293	141484	157652	9337
14	5298	26827952	26741110	86842	102879	6902	5312	205	30465410	30367678	97732	65359	75068	5356
15	1260	1809858	1808546	1312	7279	288	586	114	2069149	2065646	3503	10646	11516	668
16	4589	6710162	6709862	300	24817	2084	1636	187	7928273	7903532	24741	19493	23947	2016
17	720	3746635	3739230	7406	15530	1542	1414	276	4678703	4632854	45849	10458	12113	916
18	387	2415634	2411882	3753	9543	581	1170	6	2989429	2985676	3753	19589	28570	5329
19	6925	26851374	26753961	97413	103972	6929	5737	547	30779748	30649731	130017	67801	81787	7532
20	3828	4937730	4925118	12612	24635	2979	5338	11	7484815	7472177	12638	42466	48290	3224
21	19066	22588339	22514318	74021	85993	5595	12982	214	28708922	28587656	121266	87672	100782	7097

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

X	16	17	18	19	20	21	22	23	24	25	26	27	28	29
23	15153	14580346	14534085	46261	56346	4403	4245	222	17369998	17205486	164512	57478	68927	5481
24	21953	19918421	19591002	327419	78794	7927	4806	141	23437489	22994255	443234	90776	106111	5717
25	21338	18621650	18586253	35396	76033	9375	5238	321	23061710	23018193	43517	143865	155666	7077
26	6269	6586752	6561936	24816	27750	2556	2618	23	8101486	8066357	35129	43236	52059	4375
27	2774	8180539	7895168	285370	33852	3598	2742	78	12495474	11968566	526908	35734	42070	3000
28	8815	16510374	16486664	23710	73744	9508	8590	144	21880133	21844084	36049	134276	158175	9125
29	24245	25728755	25657733	71022	112301	10933	11862	138	32228705	32096292	132412	195367	247963	18205
30	4336	4166774	4118311	48463	18087	2915	963	21	5284733	5202438	82294	34175	40410	2899
31	796	769937	769937	0	3226	322	264	38	941004	941004	0	3222	3579	133
32	8250	7783862	7781028	2834	28740	1840	1945	66	8915397	8909825	5572	40446	43626	1519
33	254	1826012	1790118	35894	7242	702	307	97	2120595	2074565	46030	4912	5524	240
35	1295	785499	729909	55590	3014	332	185	5	951316	891189	60127	4654	5110	191
36	96	217726	163186	54540	920	195	4	2	277394	179496	97898	529	533	3
37	10	184970	184970	0	835	249	9	31	263539	263539	0	1032	1221	111
38	422	253663	253663	0	894	25	35	3	272147	272147	0	616	653	16
39	62	135537	135537	0	612	46	109	10	183429	183429	0	630	686	47
41	146	2235367	2235367	0	7570	27	0	95	2243460	2243460	0	4520	4540	10
42	110	875600	875600	0	2838	31	2	4	886552	881806	4745	1383	1410	15
43	0	187225	187225	0	782	107	53	0	235691	235691	0	470	545	22
45	1106	4926628	4095985	830643	24178	3806	3019	229	6903508	5541077	1362431	18414	20929	1361
46	0	524418	513657	10761	2419	567	71	30	716215	704197	12018	2221	2426	96
47	82	261822	261822	0	1022	62	41	11	292773	292773	0	338	354	11
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	20710	20700	10	140	20	30	0	32230	32200	30	79	83	0

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

STATE : TAMILNADU (Contd..)		16	17	18	19	20	21	22	23	24	25	26	27	28	29
X		16	17	18	19	20	21	22	23	24	25	26	27	28	29
51	0	2725	2725	2725	0	9	0	0	0	2725	2725	0	2	3	0
52	1290	1783967	1617940	166027	6735	707	707	242	1	2068196	1895137	173059	8258	8763	260
53	0	14002	14002	0	54	8	8	0	0	16490	16490	0	66	66	0
55	0	20160	20160	0	90	18	18	0	0	25200	25200	0	86	96	8
56	0	5408	5408	0	20	2	2	0	0	5900	5408	492	8	8	0
58	436	1259826	1259826	0	7081	976	976	2433	2	2460720	2460720	0	10982	12658	1086
59	0	127412	127412	0	554	48	48	73	6	163288	163288	0	762	848	49
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	201092	200637	455	847	76	76	65	8	244318	243668	650	643	770	53
77	0	13870	13870	0	57	19	19	0	0	20805	20805	0	22	25	0
81	0	12462	12462	0	66	1	1	24	0	19973	19973	0	44	57	7
82	83	542620	457521	85099	2308	270	270	216	6	683567	588279	95289	1300	1483	147
84	172	152662	152662	0	575	58	58	0	0	169625	169625	0	822	834	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	2154	2154	0	9	1	1	0	0	2532	2532	0	3	3	0
93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	49	678950	678950	0	3083	776	776	7	8	915507	915507	0	335	369	18
96	0	13360	13360	0	53	9	9	2	0	16906	16906	0	25	26	0
98	0	37024	37024	0	121	3	3	0	0	37856	37856	0	24	26	1
Total	211006	443055113	438348069	4707044	1723456	135806	132773	6329	527145176	520153143	6992033	1688462	1959237	128522	128522

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

STATE : TAMILNADU (Contd..)

Industry Code	Welfare Expenses	Fuels Consumed	Materials Consumed	Total Input	Value of Products & By Products	Total Value of Output	Depreciation	Gross Value Added	Net Value Added	Net Income	In Addition Stock of				Total	Profit
											Materials, Fuels, etc.	Semi-Finished goods	Finished Goods			
X	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
1	352	8970	117947	148561	148092	164184	1574	15623	14049	9990	-4549	-2342	193	-6698	-34310	
2	10	36	2025	2439	5041	5886	81	3448	3367	3179	24	-198	-121	-295	2902	
3	4	16	46	93	75	376	5	283	278	270	30	0	20	50	121	
5	22	123	3387	6885	6297	11956	85	5071	4986	4945	910	0	1473	2383	3573	
6	31	37	12143	12343	12654	12654	34	311	277	277	-75	0	-10	-85	37	
7	306	4187	70904	84178	44045	50767	1312	-33411	-34723	-34773	11	0	0	11	-36208	
8	79	1785	49574	53700	33813	35757	2629	-17942	-20571	-32869	-532	-114	830	184	-35410	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	5019	87067	216552	2566262	2297202	2693160	44764	126898	82134	10395	61797	31225	-4305	88718	-113637	
11	1108	10831	186939	234958	290053	303265	7668	68306	60638	51106	17910	598	2859	21367	39616	
12	137	329	10943	23068	25750	28171	196	5103	4907	4633	-1072	-58	166	-965	2525	
13	16306	346479	2126221	3027619	3374711	4186338	200487	1158719	958232	761947	-29981	11233	-4376	-23124	519012	
14	6832	39142	617467	994159	1225302	1638021	42919	843863	800943	744305	52769	8637	16812	78219	586653	
15	4354	15712	463234	610135	609351	750458	14244	140322	126079	109908	2200	-2985	324	-462	34840	
16	201	1282	30702	56785	40655	55175	1105	-1610	-2715	-5282	-120	704	-78	506	-16797	
17	2438	27326	226754	302430	367809	396546	20128	94116	73988	60744	9895	923	1963	12781	36796	
18	739	4033	75528	97474	101585	136002	6243	38528	32285	27213	1427	155	87	1668	15099	
19	3652	221102	2928210	3353991	3274352	3484384	28522	130393	101871	72631	-68815	-20374	-92633	-181822	44061	
20	6453	119942	618746	886889	914829	1103548	54606	216659	162054	44602	8458	-880	3463	11042	-37184	
21	2600	21402	235549	355506	381007	717114	19173	361608	342436	323532	-3384	4766	-184	1197	275242	
22	6013	82454	1429911	1698937	730536	1131399	30834	-567538	-598372	-632826	274588	-544	-2722	271322	-733609	

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

STATE : TAMILNADU (Contd..)		30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
X																
23	5968	162774	473378	769886	977557	1016405	44953	246519	201565	160889	27593	12132	7943	47668	91962	
24	9617	148973	1502385	2282028	1863150	2385046	55974	103017	47043	-11838	-4762	36641	43447	75326	-117949	
25	4724	38284	819267	1145233	1321998	1542376	38574	397143	358569	328089	43781	53917	5710	103409	172423	
26	4448	7128	487444	728785	788945	917628	20501	188843	168342	154761	14800	11910	8798	35508	102703	
27	3337	16676	390674	510113	626325	675470	16924	165357	148433	132855	8646	6943	5022	20611	90785	
28	14774	30355	855571	1191274	1486603	1716733	86938	525459	438522	400631	91128	39305	11772	142205	242456	
29	34391	67712	3071084	3791422	3971905	4405510	166377	614088	447710	347512	61529	5890	33674	101093	99550	
30	3336	7043	289006	383682	458025	486235	15192	102553	87362	74729	2348	19953	-4497	17803	34319	
31	224	524	15490	21319	26637	30329	974	9010	8036	7475	3	1082	225	1310	3896	
32	1661	4215	623341	688483	720847	770686	5765	82203	76438	64388	10325	-703	14011	23633	20762	
33	372	648	10080	20918	12292	28696	1042	7777	6735	6315	1675	3	176	1854	791	
35	265	9090	120229	145190	243548	263963	19424	118772	99349	83436	763	24	1151	-1937	78325	
36	2	327	278	1286	2040	3957	407	2672	2265	2159	10	0	15	26	1626	
37	79	156	1954	2439	2073	2674	381	235	-146	-481	-41	0	-15	-55	-1702	
38	22	348	6099	8534	7056	9584	193	1051	858	652	187	0	3	189	-1	
39	9	42	42	1689	0	2286	75	597	522	202	-45	0	-34	-79	-484	
41	10	1379	19918	36497	22030	29192	4762	-7306	-12068	-16688	-1699	-40	668	-1071	-21227	
42	12	1777	15531	18719	3295	75265	201	56546	56344	56130	-613	30	-41	-624	54719	
43	53	21	3267	3358	0	2266	198	-1092	-1290	-1310	-275	0	0	-275	-1854	
45	1154	2773	17426	558616	2500	586850	4363	28233	23870	11045	879	-66	4035	4848	-9884	
46	109	1118	53592	115676	58938	133727	1122	18051	16929	15063	920	-38	53	935	12637	
47	5	33	3076	3898	3026	3662	184	-236	-420	-501	247	11	-35	223	-855	
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50	4	6	0	3091	0	3237	13	146	133	108	-18	0	-32	-50	25	

4. Selected Characteristics of Factories (Estimated) By Major Industry Group (2 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

X	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
51	0	1	66	68	83	83	1	16	15	13	0	0	0	0	10
52	244	408	39482	65271	16364	51731	727	-13540	-14267	-16870	6525	1159	-298	7387	-25633
53	0	36	0	315	0	1133	382	818	436	-6	164	0	0	164	-72
55	2	2	343	360	431	434	2	74	72	68	118	0	0	118	-28
56	0	26	317	389	489	489	13	100	87	87	20	0	12	32	80
58	591	1980	62447	79109	34884	174080	5761	94971	89211	86482	5252	-90	135	5298	73824
59	37	221	443	6165	0	11269	473	5104	4631	3801	50	0	-776	-726	2953
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	74	100	205	5111	7	5632	327	521	194	45	257	0	0	257	-725
77	3	5	564	964	702	1044	20	79	60	25	-133	0	0	-133	0
81	5	112	88	325	0	383	26	57	31	29	0	0	0	0	-27
82	37	329	5141	8411	8122	12874	324	4462	4138	3992	101	235	48	384	2509
84	12	9	2173	2889	2978	2978	196	89	-107	-290	-27	0	0	-27	-1124
86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	1	0	8	0	7	7	7	0	0	0	0	4
93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	16	13	1321	2929	1695	3174	102	245	142	43	168	0	0	168	-326
96	1	24	19	68	0	130	2	61	59	52	0	0	0	0	27
98	1	3	6	10	0	47	1	37	36	34	0	0	0	0	8
Total	142253	1496922	20263529	27120935	26547702	32462426	969501	5341491	4371990	3417063	591369	219042	54931	865341	1457826

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09

(Value Rs. in Lakhs)

Industry Code	No. of Factories	Fixed Capital			Physical Working Capital			Working Capital			Invested Capital			Productive Capital			Rent Paid for Fixed Capital			Outstanding Loan			Interest Paid			Gross Value of Plant & Machinery			Number of Workers			Directly Employed Workers (Nos.)							
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33						
X	1	40023	15950	6896	55974	46919	370	249	2673	31843	2432	2183	2099	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
11	61	417	352	613	769	1031	10	182	79	83	3877	3852	590	3262	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
12	70	1327	97	-489	1424	838	0	503	54	994	115	115	105	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
14	4	9431	5614	5100	15045	14531	346	3457	529	3737	6700	6599	3504	3095	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
16	265	16	1	-2	17	13	0	0	1	6	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
21	1	844	3100	3632	3944	4476	0	259	178	147	192	192	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
22	33	88	2	2	89	89	8	0	0	0	24	24	105	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
24	33	42	124	153	166	195	5	0	0	0	140	140	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
31	14	55	73	9	128	64	0	0	3	48	13	13	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
32	3	1168	9135	8841	10303	10009	0	16	42	218	581	581	458	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
51	12	1305	147	14	1452	1319	0	0	0	1713	84	24	23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
62	1	16	26	-7	42	9	0	21	1	6	15	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
71	1	12815	83	-46617	12898	-33802	49	0	0	25088	384	257	175	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
72	22	4013	5202	4084	9214	8097	141	267	11136	3496	1296	1043	985	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
81	91	29630	4935	-8578	34565	21052	238	4343	783	34067	1808	1536	1368	167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
89	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
91	0	31839	48031	38413	79870	70252	12413	49149	4658	20585	1922	1922	1530	392	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
101	14	6925	28018	32174	34943	39099	82	10349	1684	6643	2471	2226	792	1434	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	33	8899	3671	2761	12569	11660	32	2680	595	3427	2008	1170	399	770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
103	38	72732	171406	-389780	244137	-317048	476	21988	3264	67485	11634	5226	4590	635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
104	160	43449	11507	-8480	54956	34969	1075	30896	3834	37597	15313	10878	9336	1542	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
105	173	70555	143458	100513	214013	171067	914	30449	10844	37554	25609	23548	13363	10186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
106	1782																																						

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

Industry Code	No. of Factories	Fixed Capital	Physical Capital	Working Capital	Invested Capital	Productive Capital	Rent Paid for Fixed Capital	Outstanding Loan	Interest Paid	Gross Value of Plant & Machinery	Number of Workers	Directly Employed Workers (Nos.)			
												Total	Men	Women	Children
X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
107	808	361516	196200	56349	557716	417865	2882	200822	28405	324196	63576	52366	20216	32150	0
108	43	9983	9095	6690	19079	16674	160	1893	423	8816	2178	1735	1557	179	0
110	138	81427	39510	45152	120937	126578	772	29554	8760	71790	6886	3223	1961	1262	0
120	151	2391	3839	2214	6231	4605	77	1526	197	789	2673	2372	1489	883	0
131	2677	1696464	581697	195537	2278161	1892001	3244	1132771	157712	1986587	228584	223267	122636	100632	0
139	1217	295579	182540	90021	478118	385600	2527	148703	32802	190989	94818	85815	47578	38237	0
141	1160	275241	230029	190038	505270	465279	6623	147258	33961	176767	133445	130232	50273	79958	0
142	17	1980	2523	3207	4504	5188	32	19051	196	322	771	765	54	711	0
143	565	133559	87627	18796	221186	152355	579	44479	15247	85985	58429	57277	28087	29190	0
151	610	80469	72884	4129	153353	84598	1259	22088	6100	36789	33329	29779	17968	14811	0
152	436	67188	77946	17788	145134	84976	2207	30837	6604	56665	57131	55383	15475	39908	0
161	104	9062	16871	36266	25934	45328	91	162	479	9378	2513	2513	1378	1135	0
162	142	14841	10814	6085	25655	20926	163	11679	1834	8988	3779	2518	1749	769	0
170	662	282399	85672	59555	368071	341954	687	139127	12558	334067	20911	16322	10647	5674	0
181	530	55398	25015	22194	80413	77592	1188	19376	3884	45008	12292	11572	9280	2292	0
182	1	198	30	23	228	221	0	96	0	352	6	6	6	0	0
191	31	23609	5141	2972	28750	26581	20	10869	1537	19675	6085	6085	2195	3890	0
192	25	384656	243904	77417	628560	462073	2425	109486	25259	474669	1701	1314	1256	58	0
201	349	289008	86799	-53521	375808	235488	1839	136780	18042	562733	12253	9367	8563	804	0

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

Industry Code	No. of Factories	STATE : TAMILNADU										Directly Employed Workers (Nos.)			
		Fixed Capital	Physical Working Capital	Working Capital	Invested Capital	Productive Capital	Rent Paid for Fixed Capital	Outstanding Loan	Interest Paid	Gross Value of Plant & Machinery	Number of Workers	Total	Men (Nos.)	Women (Nos.)	Children (Nos.)
X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
202	1081	178765	98632	-497295	277398	-318529	1838	97707	93878	216481	77881	73861	26394	47467	0
203	13	60646	7059	11944	67706	72590	83	8	1772	53139	625	605	603	2	0
210	231	252449	105649	16534	358098	268983	829	173704	18075	210806	16307	12478	9884	2594	0
221	296	127441	368924	360690	496365	488131	3369	37975	15718	148692	24714	19723	14477	5246	0
222	483	331326	221171	-152205	552497	179121	5841	72084	9527	274751	42488	28412	24310	4102	0
231	42	121537	31533	7703	153070	129240	379	51640	7506	121085	3410	3410	2920	490	0
239	712	471895	192354	201568	664249	673464	4585	167527	28207	457676	44067	28913	25306	3608	0
241	448	504357	316751	191936	821108	696293	1368	176468	35428	423226	31143	19443	18243	1200	0
242	119	83861	27956	49346	111816	139207	585	8997	5355	90445	4510	3480	3052	428	0
243	346	260144	97735	54204	357879	314348	1245	95702	14900	247642	30267	21044	19661	1383	0
251	511	219669	359527	-101334	579197	118335	3571	79081	13604	141931	34620	18405	16972	1433	0
252	28	8365	1345	-940	9710	7425	886	39	961	7319	476	313	241	72	0
259	597	197968	87281	207210	285249	405178	1396	41304	10062	190998	26002	21042	19094	1948	0
261	152	74409	34302	42783	108711	117193	1482	10393	2431	62700	13049	11065	6334	4730	0
262	9	16897	27705	-1030237	44602	-1013341	905	2627	1117	10040	1692	566	266	300	0
263	34	80884	51039	-7072	131923	73812	617	29144	6102	22671	4582	2142	1290	852	0
264	2	224	166	229	391	453	16	57	11	437	151	124	39	85	0
265	50	26838	16553	28167	43391	55006	317	3086	488	19756	2829	2205	2064	141	0
266	2	1149	232	116	1380	1265	5	158	86	452	179	110	47	63	0
267	2	0	0	1	0	1	0	0	0	0	3	3	0	3	0
268	1	115	42	171	157	286	2	17	3	0	68	68	37	31	0

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

STATE : TAMILNADU

Industry Code	No. of Factories	Fixed Capital	Physical Working Capital	Working Capital	Invested Capital	Productive Capital	Rent Paid for Fixed Capital	Outstanding Loan	Interest Paid	Gross Value of Plant & Machinery	Number of Workers	Directly Employed Workers (Nos.)			
												Total	Men	Women	Children
X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
271	134	91011	71819	55727	162830	146738	2929	54873	6231	51828	16039	15496	6747	8750	0
272	37	19121	23661	20249	42781	39370	49	3141	1611	33158	2145	1320	1290	30	0
273	45	6907	8252	13852	15158	20758	225	19058	457	12216	1722	1617	1363	254	0
274	19	30880	8695	28935	39575	59815	109	22157	964	37142	2126	1241	981	260	0
275	47	7861	8856	6547	16717	14408	355	3527	588	5660	1791	1685	1072	613	0
279	77	9064	11018	137838	20083	146902	842	315	1217	11189	3610	3301	2686	615	0
281	473	521488	395316	249181	916805	770669	2718	58537	16913	525517	29549	24908	22193	2715	0
282	663	218819	220309	205390	439129	424209	5266	69364	12993	237609	25953	21780	19382	2397	0
291	64	937485	370057	138043	1307542	1075529	2578	488885	44970	897154	19429	15684	15516	168	0
292	188	25634	22115	16359	47749	41993	158	9682	1194	20976	9547	4188	4038	150	0
293	312	647647	257322	157689	904969	805335	5835	348708	45464	730743	60392	45251	39667	5584	0
301	12	5560	61047	38868	66607	44427	831	7559	1900	5028	747	478	478	0	0
302	34	3006	3934	5254	6940	8260	245	103	4	1512	1075	1028	429	599	0
303	16	23723	11065	-20513	34787	3210	71	4683	449	20688	1732	1246	1201	44	0
304	1	34	0	47	34	82	0	13	6	0	8	8	8	0	0
309	113	101353	35806	49038	137159	150391	1499	102529	7626	135142	10626	7092	6865	227	0
310	85	8235	9243	10065	17477	18300	143	3997	418	7806	2604	1808	1654	154	0
321	40	20682	117935	112886	138618	133568	3922	5968	2783	19900	6022	5762	1418	4344	0
322	3	3489	289	366	3778	3855	27	225	21	2746	149	135	113	22	0
323	3	829	655	1791	1484	2619	9	208	43	244	894	894	113	781	0
324	4	227	128	44	354	270	11	5	8	372	144	144	48	96	0
325	28	13321	4369	13404	17691	26725	213	13317	134	8683	1709	1630	668	962	0

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

Industry Code	No. of Factories	STATE : TAMILNADU										Directly Employed Workers (Nos.)			
		Fixed Capital	Physical Working Capital	Working Capital	Invested Capital	Productive Capital	Rent Paid for Fixed Capital	Outstanding Loan	Interest Paid	Gross Value of Plant & Machinery	Number of Workers	Total	Men (Nos.)	Women (Nos.)	Children (Nos.)
X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
329	85	48649	19315	28318	67964	76967	1037	3426	3841	19862	15971	8074	5035	3038	0
331	177	11137	9278	10027	20415	21164	225	627	181	9187	5980	5725	3933	1792	0
332	8	244	22	-88	266	156	0	10	13	159	156	156	152	4	0
351	36	530834	16002	-7911	546835	522923	163	101844	15421	287726	2268	1115	1095	20	0
352	7	13846	6488	7592	20335	21438	38	21	291	8798	117	66	66	0	0
353	2	4435	0	0	4435	4435	0	0	0	6315	107	16	16	0	0
360	16	1646	37	605	1683	2251	2	191	104	2197	718	623	414	210	0
370	21	7428	429	1814	7858	9243	105	4386	230	924	546	536	510	26	0
381	1	2	1	3	4	6	1	0	0	1	6	6	2	4	0
382	6	1207	3	2038	1210	3245	0	736	0	2195	118	118	117	1	0
383	6	557	2382	1488	2940	2045	13	145	191	207	707	285	109	176	0
390	13	598	343	-199	941	399	30	825	289	132	447	385	344	41	0
410	16	33400	7346	26979	40746	60379	18	38	4602	29986	7448	7302	7276	26	0
421	2	1129	0	-5074	1129	-3945	34	0	57	609	1767	1657	1057	600	0
422	34	673	416	353	1088	1026	37	302	84	432	1030	1030	913	117	0
429	1	30	0	2	30	32	3	0	0	14	5	5	5	0	0
431	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
432	28	1853	637	3580	2489	5433	0	0	0	981	610	610	459	151	0
439	2	9	1	-33	10	-25	14	8	6	7	12	12	12	0	0
451	33	2243	2178	2302	4421	4545	83	117	181	826	714	700	602	98	0
452	420	30547	26035	14278	56582	44825	2092	32126	7074	6187	11551	10459	10171	288	0
453	41	11208	19782	-22184	30990	-10976	419	1059	2150	4723	3366	3366	3111	255	0

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

Industry Code	No. of Factories	STATE : TAMILNADU										Directly Employed Workers (Nos.)			
		Fixed Capital	Physical Working Capital	Working Capital	Invested Capital	Productive Capital	Rent Paid for Fixed Capital	Outstanding Loan	Interest Paid	Gross Value of Plant & Machinery	Number of Workers	Total	Men (Nos.)	Women (Nos.)	Children (Nos.)
X	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
454	127	1544	4657	2775	6200	4318	178	1975	648	360	1493	1493	1427	66	0
461	6	2026	2521	4912	4547	6938	8	6	193	2997	96	96	96	0	0
462	29	2389	9612	15944	12000	18332	128	352	1368	2326	477	477	302	176	0
463	22	719	1203	4083	1922	4802	7	346	49	128	462	462	165	297	0
464	20	3	0	0	3	3	0	0	0	4	81	81	20	61	0
465	38	2393	21	867	2414	3260	16	439	75	1836	272	272	222	50	0
466	25	2479	440	525	2918	3004	0	203	21	1426	363	363	270	93	0
469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
471	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
472	5	25	45	38	70	63	0	0	10	14	21	21	21	0	0
473	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
475	27	2456	180	785	2636	3241	1	0	34	417	726	700	362	337	0
477	12	240	577	662	817	902	2	116	34	28	159	104	85	19	0
478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
479	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
492	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
493	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
502	10	104	171	20	275	124	0	27	25	21	90	90	90	0	0
511	1	7	12	8	19	15	0	0	2	2	9	9	9	0	0
521	105	16760	11377	10229	28137	26989	1551	1437	1010	11268	4949	3934	3802	132	0
522	45	1206	1294	3523	2499	4729	4	18	38	1048	836	560	526	34	0

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

Industry Code	No. of Factories	Capital			Working Capital	Physical Capital	Working Capital	Invested Capital	Productive Capital	Rent Paid for Fixed Capital	Outstanding Loan	Interest Paid	Gross Value of Plant & Machinery	Number of Workers	Directly Employed Workers (Nos.)			
		Fixed	Working	Total											Total	Men	Women	Children
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
X	1																	
532	2	3858	2417	2417	1508	6275	5367	188	0	254	4424	46	46	36	10	0		
551	2	40	159	184	184	199	225	0	0	4	26	72	72	66	6	0		
561	2	109	92	92	46	201	155	0	0	0	112	18	18	0	18	0		
563	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
581	88	46208	12802	12802	20125	59009	66333	874	17901	1854	44971	3670	3235	3153	82	0		
591	7	8186	823	823	17056	9009	25242	17	8993	812	2015	420	420	316	104	0		
592	1	38	0	0	12	38	50	0	0	0	31	7	7	7	0	0		
620	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
639	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
711	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
741	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
742	12	3390	2263	2263	20639	5653	24028	84	337	64	1183	699	699	687	12	0		
773	6	180	798	798	712	978	892	1	10	34	34	38	38	25	13	0		
812	1	235	0	0	490	235	726	0	1	1	0	41	41	37	4	0		
822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
829	53	4230	1041	1041	2921	5271	7151	136	2043	10	3936	1817	1734	900	833	0		
841	12	3139	2193	2193	1563	5332	4702	41	0	143	840	518	345	230	115	0		
869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
900	1	1	0	0	26	1	27	0	17	0	9	8	8	4	4	0		
932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
951	24	424	340	340	399	764	823	92	67	0	476	372	363	274	89	0		
952	19	151	34	34	173	185	324	6	0	1	30	1920	1880	1874	6	0		
960	4	51	1	1	-147	51	-96	7	0	0	14	42	42	26	16	0		
982	1	6	0	0	1	6	7	3	0	0	4	119	119	7	112	0		
Total	21756	10920140	6262683	6262683	1328714	17182823	12248854	107945	4806080	846981	10596307	1448548	1237542	751632	485910	0		

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

STATE : TAMILNADU

Industry Code	Workers Employed through Contract (Nos.)	Mandays Worker (Nos.)	Mandays Worker Manufacturing (Nos.)	Mandays Worker Non-Manufacturing (Nos.)	Number of Employees (Nos.)	Supervisory and Managerial Staff (Nos.)	Other Employees (Nos.)	Unpaid family members/ proprietor (Nos.)	Mandays Employees (Nos.)	Mandays Employees Manufacturing (Nos.)	Mandays Employees Non-Manufacturing (Nos.)	Wages to Workers	Total Emoluments	Provident Fund & Others	Welfare Expenses
X	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
107	11210	19058273	17304761	1753512	75304	4377	7065	286	22712125	20386700	2325425	50355	58353	4985	3013
108	443	697949	686329	11620	2761	215	359	8	875036	863046	11990	3179	3359	107	73
110	3663	2126441	2101387	25054	8970	721	1338	25	2721846	2678961	42885	9624	11490	758	1108
120	301	706857	706597	260	3196	164	256	102	829171	827732	1439	1747	2107	223	137
131	5317	77812425	77761018	51407	254722	13374	12143	621	85926191	85763403	162789	148110	174144	12669	13364
139	9003	28412697	28411564	1133	110154	7578	7273	486	32897227	32864099	33128	61767	68792	4083	2941
141	3213	40288773	40177330	111443	152642	8608	10364	226	46026289	45890019	136270	104930	118174	7491	5753
142	6	227769	227769	0	884	104	8	1	260973	260973	0	410	489	41	38
143	1152	16327790	16327790	0	65685	3670	3444	143	18293121	18293098	23	36143	38989	1805	1041
151	3550	10069305	10063123	6182	39011	3230	2354	98	11737122	11729055	8067	28526	32661	2150	1985
152	1748	16758647	16677987	80660	63868	3672	2958	107	18728288	18638623	89666	36833	42407	3206	2369
161	0	715951	714735	1216	2657	53	41	50	743329	740289	3040	6902	7291	382	7
162	1260	1093907	1093811	96	4622	235	545	64	1325819	1325356	463	3744	4225	286	194
170	4589	6710162	6709862	300	24817	2084	1636	187	7928273	7903532	24741	19493	23947	2016	2438
181	720	3744854	3737449	7406	15521	1540	1413	276	4676039	4630190	45849	10452	12103	915	736
182	0	1781	1781	0	9	2	1	0	2664	2664	0	6	11	1	3
191	0	1833882	1833882	0	6727	269	371	2	2024162	2024162	0	3782	4746	806	158
192	387	581753	578000	3753	2816	312	799	4	965267	961514	3753	15807	23824	4523	3494
201	2886	3862375	3807635	54740	16661	2644	1729	35	5302796	5224404	78392	28298	35558	3794	3466
202	4020	22794949	22752276	42673	86451	4194	3865	512	25211339	25159714	51625	37525	43614	3428	2661
203	20	194050	194050	0	860	90	143	1	265612	265612	0	1978	2615	310	327
210	3828	4937730	4925118	12612	24635	2979	5338	11	7484815	7472177	12638	42466	48290	3224	2600

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

STATE : TAMILNADU

Industry Code	Workers Employed through Contract (Nos.)	Mandays Worker (Nos.)	Mandays Worker Manufacturing (Nos.)	Mandays Worker Non-Manufacturing (Nos.)	Number of Employees (Nos.)	Supervisory and Managerial Staff (Nos.)	Other Employees (Nos.)	Unpaid family members/ proprietor (Nos.)	Mandays Employees (Nos.)	Mandays Employees Manufacturing (Nos.)	Mandays Employees Non-Manufacturing (Nos.)	Wages to Workers	Total Emoluments	Provident Fund & Others	Welfare Expenses
X	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
221	4990	8091933	8040317	51616	30220	3443	2030	33	9840059	9748569	91490	30165	35714	2779	2770
222	14076	14496406	14474001	22405	55772	2152	10952	180	18868863	18839087	29776	57508	65068	4317	3243
231	0	1108849	1108601	248	4176	421	344	2	1391456	1390485	970	6614	7886	337	934
239	15153	13471497	13425484	46013	52170	3982	3901	220	15978543	15815001	163542	50864	61041	5143	5034
241	11700	9480013	9152872	327141	36451	3601	1640	67	10780961	10342069	438892	40920	47046	2232	3894
242	1030	1360183	1360183	0	5620	864	222	23	1700366	1697228	3138	6663	8376	602	1111
243	9223	9078225	9077947	278	36723	3462	2944	50	10956162	10954958	1204	43193	50689	2884	4613
251	16214	10318213	10301207	17006	44506	6108	3620	158	13252658	13231907	20751	115328	122348	5119	1901
252	164	147302	147299	4	742	232	33	0	226972	226968	4	1368	1561	58	135
259	4960	8156134	8137748	18386	30785	3035	1585	163	9582079	9559318	22762	27169	31757	1900	2688
261	1984	3817208	3792391	24816	15299	1158	1085	8	4472864	4443626	29239	20312	24026	1793	1921
262	1126	512290	512290	0	2119	146	281	0	635684	635684	0	2484	3723	980	259
263	2440	1282776	1282776	0	5421	420	408	11	1515392	1515392	0	10454	12444	726	1264
264	27	45524	45524	0	218	18	49	0	65775	65775	0	152	189	24	12
265	624	853086	853086	0	4375	780	764	2	1315946	1310055	5891	9507	11327	842	978
266	69	54507	54507	0	234	28	27	0	71254	71254	0	148	159	6	5
267	0	879	879	0	5	0	0	2	879	879	0	1	1	0	0
268	0	20482	20482	0	79	6	5	0	23693	23693	0	178	190	3	9
271	543	4822268	4822240	28	19119	1798	1267	14	8151579	7913651	237928	18730	21160	1229	1201
272	825	679603	679603	0	2556	291	109	11	806775	806240	535	3534	4369	302	533
273	106	514121	511013	3108	2600	704	138	35	767064	761253	5811	2910	3471	239	322
274	885	550140	540520	9621	2770	264	380	0	739778	729782	9996	3587	4476	219	670

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

Industry Code	STATE : TAMILNADU										Wages to Workers	Total Emoluments	Provident Fund & Others	Welfare Expenses	
	Workers Employed through Contract (Nos.)	Mandays Worker (Nos.)	Mandays Worker Manufacturing (Nos.)	Mandays Worker Non-Manufacturing (Nos.)	Number of Employees (Nos.)	Supervisory and Managerial Staff (Nos.)	Other Employees (Nos.)	Company members/proprietor (Nos.)	Mandays Employees (Nos.)	Mandays Employees Manufacturing (Nos.)					Mandays Employees Non-Manufacturing (Nos.)
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
X	106	523714	523714	0	2751	302	646	12	800938	800938	0	3073	4041	708	259
275	309	1090693	818079	272613	4056	240	201	6	1229340	956702	272638	3900	4553	302	351
279	4641	8888985	8851632	17353	39502	5917	3998	37	11811688	11790597	21091	71693	81660	3906	6062
281	4173	7641389	7635032	6357	34242	3591	4592	106	10068445	10053487	14958	62583	76515	5220	8712
282	3745	5444974	5386515	58459	26445	4328	2668	20	7366298	7247102	119197	76595	99933	8517	14821
291	5359	2781251	2780013	1238	10991	883	478	84	3176288	3175051	1238	9007	10109	436	666
292	15141	17502530	17491205	11325	74864	5721	8717	34	21686118	21674140	11978	109766	137921	9251	18904
293	269	224925	213825	11100	910	67	94	2	273278	252482	20796	1426	1664	136	103
301	47	331974	331974	0	1362	257	25	5	417117	417117	0	1688	1975	113	174
302	486	497675	497675	0	2043	283	27	1	586751	586751	0	2191	2360	92	77
303	0	1583	1583	0	11	1	1	1	1998	1998	0	8	9	1	0
304	3534	3110617	3073254	37363	13761	2307	815	12	4005589	3944091	61498	28862	34402	2558	2982
309	796	769937	769937	0	3226	322	264	38	941004	941004	0	3222	3579	133	224
310	260	1793377	1793377	0	6963	394	523	24	2069033	2069033	0	9161	10478	688	629
321	14	45821	45821	0	203	42	12	0	61716	61716	0	330	464	23	112
322	0	271315	271315	1300	974	23	57	0	295052	295052	0	469	563	52	42
323	0	45276	43976	0	186	16	24	2	58861	56001	2860	77	93	6	9
324	79	511236	509702	1534	2608	200	695	4	777850	776316	1534	2645	3002	195	162
325	7897	5116837	5116837	0	17806	1165	634	36	5652885	5651707	1178	27765	29027	555	707
329	254	1778664	1742770	35894	7050	666	307	97	2062448	2016418	46030	4779	5374	228	368
331	0	47348	47348	0	192	36	0	0	58147	58147	0	133	150	12	4
332	1153	712519	676372	36147	2697	271	157	1	849286	810927	38359	3943	4330	164	223

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

Industry Code	STATE : TAMILNADU										Total Emoluments				Welfare Expenses
	Workers Employed through Contract (Nos.)	Mandays Worker (Nos.)	Mandays Worker Manufacturing (Nos.)	Mandays Worker Non-Manufacturing (Nos.)	Number of Employees (Nos.)	Supervisory and Managerial Staff (Nos.)	Other Employees (Nos.)	Unpaid family members/ proprietor (Nos.)	Mandays Employees (Nos.)	Mandays Employees Manufacturing (Nos.)	Mandays Employees Non-Manufacturing (Nos.)	Wages to Workers	Provident Fund & Others		
X	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
352	51	34585	24910	9675	195	46	28	4	58269	47767	10502	530	580	18	32
353	91	38395	28627	9768	122	15	0	0	43761	32495	11266	182	200	8	10
360	96	217726	163186	54540	920	195	4	2	277394	179496	97898	529	533	3	2
370	10	184970	184970	0	835	249	9	31	263539	263539	0	1032	1221	111	79
381	0	1800	1800	0	6	0	0	0	1800	1800	0	1	1	0	0
382	0	39069	39069	0	142	12	12	0	46902	46902	0	102	122	14	6
383	422	212794	212794	0	746	13	23	3	223445	223445	0	513	531	2	16
390	62	135537	135537	0	612	46	109	10	183429	183429	0	630	686	47	9
410	146	2235367	2235367	0	7570	27	0	95	2243460	2243460	0	4520	4540	10	10
421	110	525360	525360	0	1776	9	0	0	528000	528000	0	879	898	8	11
422	0	348740	348740	0	1056	21	1	4	356452	351706	4745	500	508	7	1
429	0	1500	1500	0	7	1	1	0	2100	2100	0	4	4	1	0
431	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
432	0	183585	183585	0	754	100	44	0	227196	227196	0	427	498	20	51
439	0	3640	3640	0	28	7	9	0	8495	8495	0	44	46	1	2
451	14	218020	205540	12480	918	166	27	11	277385	264281	13104	736	786	18	32
452	1092	3525446	3386215	139231	16373	2139	2517	165	4950876	4626902	323974	13718	15531	963	851
453	0	733763	62085	671678	4601	1230	0	5	1000564	78663	921901	2662	3145	316	167
454	0	449399	442145	7254	2286	272	475	47	674684	571232	103452	1299	1467	65	104
461	0	32170	32170	0	172	55	20	1	57135	57135	0	438	481	31	12
462	0	130470	130470	0	562	52	26	7	150047	150047	0	613	649	8	28
463	0	139170	139170	0	825	355	0	8	246021	246021	0	346	411	38	28

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.):

(Value Rs. in Lakhs)

STATE : TAMILNADU

Industry Code	Workers Employed through Contract (Nos.)	Mandays Worker (Nos.)	Mandays Worker Manufacturing (Nos.)	Mandays Worker Non-Manufacturing (Nos.)	Number of Employees (Nos.)	Supervisory and Managerial Staff (Nos.)	Other Employees (Nos.)	Unpaid family members/proprietor (Nos.)	Mandays Employees (Nos.)	Mandays Employees Manufacturing (Nos.)	Mandays Employees Non-Manufacturing (Nos.)	Wages to Workers	Total Emoluments	Provident Fund & Others	Welfare Expenses
X	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
591	0	125697	125697	0	543	46	71	6	160593	160593	0	748	830	47	35
592	0	1715	1715	0	11	2	2	0	2695	2695	0	15	18	2	2
620	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
639	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
711	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
741	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
742	0	201092	200637	455	847	76	65	8	244318	243668	650	643	770	53	74
773	0	13870	13870	0	57	19	0	0	20805	20805	0	22	25	0	3
812	0	12462	12462	0	66	1	24	0	19973	19973	0	44	57	7	5
822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829	83	542620	457521	85099	2308	270	216	6	683567	588279	95289	1300	1483	147	37
841	172	152662	152662	0	575	58	0	0	169625	169625	0	822	834	0	12
869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
900	0	2154	2154	0	9	1	0	0	2532	2532	0	3	3	0	0
932	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
951	9	96826	96826	0	390	5	7	6	99846	99846	0	135	145	2	8
952	40	582124	582124	0	2693	771	0	2	815661	815661	0	200	224	16	8
960	0	13360	13360	0	53	9	2	0	16906	16906	0	25	26	0	1
982	0	37024	37024	0	121	3	0	0	37856	37856	0	24	26	1	1
Total	211006	443055113	438348069	4707044	1723456	135806	132773	6329	527145176	520153143	6992033	1688462	1959237	128522	142253

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

Industry Code	Fuels Consumed	Materials Consumed	Total Input	Value of Products & By Products	Total Value of Output	Depreciation	Gross Value Added	Net Value Added	Net Income	In Addition Stock of				Total	Profit
										Materials, Fuels, etc.	Semi-Finished goods	Finished Goods	Total		
X	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
11	7869	87327	110267	114148	121199	1002	10932	9931	6888	-4266	-2288	507	-6047	2780	
12	44	1003	2742	1298	3900	28	1158	1130	1041	93	0	63	157	-35571	
14	97	5367	6181	6633	6636	112	455	343	289	-16	0	0	-16	14	
16	961	24250	29370	26013	32448	433	3079	2646	1771	-360	-54	-377	-791	-1533	
21	2	113	116	61	123	2	6	5	4	0	0	1	1	1	
22	26	1912	2302	4980	5568	64	3266	3202	3024	25	-198	-122	-295	2957	
24	8	0	20	0	196	16	176	160	151	0	0	0	0	-56	
31	15	0	42	0	266	4	223	219	214	30	0	0	30	71	
32	1	46	50	75	110	1	60	59	56	0	0	20	20	50	
51	123	3387	6885	6297	11956	85	5071	4986	4945	910	0	1473	2383	3573	
62	37	12143	12343	12654	12654	34	311	277	277	-75	0	-10	-85	37	
71	1	46	53	73	75	2	22	20	18	1	0	0	1	11	
72	4186	70858	84125	43972	50693	1310	-33433	-34743	-34792	9	0	0	9	-36219	
81	1060	8269	10495	11931	12511	749	2016	1266	-10011	-201	-117	601	284	-10865	
89	724	41305	43204	21882	23247	1880	-19958	-21837	-22858	-331	3	228	-100	-24545	
91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
101	3489	460984	490323	74570	76969	3427	-413355	-416781	-433852	20934	3124	387	24445	-435845	
102	1413	47204	51593	68291	72383	687	20790	20104	18338	-3533	4	5	-3524	16679	
103	450	16945	18824	21941	22936	743	4112	3369	2742	-215	-90	705	400	1666	
104	7963	344908	429490	388209	457759	6036	28270	22234	18494	910	29029	-924	29016	2021	
105	14598	339605	376654	389734	547687	4894	171034	166140	161231	1394	9	-988	415	136725	
106	13805	360033	443831	509390	581495	7759	137664	129905	118147	36997	-770	23451	59678	101534	

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

STATE : TAMILNADU

Industry Code	Fuels Consumed	Materials Consumed	Total Input	Value of Products & By Products	Total Value of Output	Depreciation	Gross Value Added	Net Value Added	Net Income	In Addition Stock of				Total	Profit
										Materials, Fuels, etc.	Semi-Finished goods	Finished Goods	Total		
X	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
107	43480	524864	666797	773870	847356	20143	180560	160417	129130	7969	-120	-27721	-19873	70778	
108	1870	71010	88751	71197	86575	1076	-2176	-3252	-3835	-2658	39	780	-1839	-7194	
110	10831	186939	234958	290053	303265	7668	68306	60638	51106	17910	598	2859	21367	39616	
120	329	10943	23068	25750	28171	196	5103	4907	4633	-1072	-58	166	-965	2525	
131	313233	1685176	2343680	2622604	3308395	172426	964715	792290	631333	-29053	4394	-2304	-26962	457190	
139	33246	441045	683940	752107	877943	28062	194004	165942	130614	-928	6839	-2072	3838	61822	
141	27155	427572	684872	839611	1414265	27507	729392	701885	661301	46547	6766	14786	68099	543127	
142	46	3693	4180	5166	5425	34	1245	1210	982	1211	-8	18	1221	493	
143	11942	186202	305106	380525	418332	15378	113226	97848	82022	5012	1879	2008	8899	43033	
151	9019	201442	285730	299214	372750	6554	87020	80466	73107	1110	-1909	2674	1875	40446	
152	6693	261792	324405	310137	377707	7690	53302	45612	36801	1089	-1076	-2351	-2338	-5606	
161	90	1995	3262	2449	4145	63	883	821	250	-1294	12	64	-1219	-7041	
162	1192	28707	53523	38206	51030	1042	-2493	-3535	-5532	1174	692	-142	1724	-9757	
170	27326	226754	302430	367809	396546	20128	94116	73988	60744	9895	923	1963	12781	36796	
181	4031	75491	97431	101532	135949	6219	38517	32298	27226	1429	155	87	1671	15124	
182	2	37	43	53	54	25	11	-14	-14	-3	0	0	-3	-25	
191	4548	25279	51669	42403	50233	1773	-1436	-3209	-4765	-1770	699	-410	-1481	-9511	
192	216554	2902930	3302322	3231949	3434151	26750	131829	105080	77396	-67045	-21073	-92223	-180341	53572	
201	98744	333166	504763	437704	583670	26943	78907	51964	32083	-331	-728	-2086	-3145	-3475	
202	16797	251281	334171	431704	470722	24602	136552	111950	16235	9453	633	6135	16221	-27380	
203	4401	34299	47955	45421	49156	3060	1201	-1860	-3715	-663	-785	-586	-2034	-6330	
210	21402	235549	355506	381007	717114	19173	361608	342436	323532	-3384	4766	-184	1197	275242	

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

Industry Code	Consumed		Total Input	Value of Products & By	Total Value of Output	Depreciation	Gross Value Added	Net Value Added	Net Income	In Addition Stock of				Profit
	Fuels	Materials								Materials, Fuels, etc.	Semi-finished goods	Finished Goods	Total	
X	31	32	33	34	35	36	37	38	39	40	41	42	43	44
221	23129	324151	404189	386652	483467	14945	79278	64333	45246	268186	-1179	1559	268567	9532
222	59324	1105761	1294748	343884	647932	15889	-646816	-662705	-678073	6402	635	-4281	2756	-743141
231	28287	72218	142441	126081	134177	12454	-8264	-20718	-28603	2579	-144	3439	5874	-36489
239	134487	401160	627445	851476	882228	32499	254783	222284	189492	25015	12275	4504	41794	128451
241	71831	868871	1465996	1035793	1496779	31335	30783	-553	-37349	-14546	42106	42043	69602	-84395
242	12214	272829	314588	261865	286515	5441	-28073	-33513	-39454	-5636	-485	-338	-6459	-47829
243	64927	360685	501445	565492	601752	19198	100307	81109	64964	15420	-4980	1743	12183	14275
251	11704	573602	755231	974384	1148507	17261	393276	376015	358839	27726	54182	3231	85138	236492
252	322	9237	12732	11354	11991	1154	-741	-1895	-3742	-43	-3291	0	-3334	-5303
259	26258	236428	377271	336260	381879	20158	4608	-15550	-27008	16099	3026	2479	21605	-58765
261	3531	162529	218886	233152	257934	8045	39048	31003	27091	3541	1164	745	5451	3065
262	843	204401	311039	261587	340889	3214	29850	26636	24614	-1443	147	3433	2138	20891
263	1507	64789	124216	186396	207490	6676	83274	76598	69878	11643	11431	3970	27044	57434
264	30	1109	1281	1415	1559	44	279	235	207	-64	-29	19	-74	19
265	1162	52341	70477	102798	106137	2430	35660	33230	32425	1167	-779	635	1023	21098
266	48	1281	1598	1945	1957	50	359	308	217	-41	-24	-5	-70	59
267	0	1	1	2	2	0	1	1	1	-1	0	0	-1	0
268	6	993	1288	1651	1660	40	373	332	328	-1	0	0	-2	138
271	8743	177282	223258	298779	312912	7248	89654	82406	73246	1936	6668	851	9455	52085
272	3667	45114	54232	59277	62668	2525	8436	5911	4251	2743	456	1342	4540	-118
273	456	33465	57124	57739	61232	1690	4107	2418	1735	1109	-710	181	581	-1736
274	2450	57026	64964	75118	80512	3294	15547	12254	11181	509	-127	237	619	6705

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

Industry Code	Consumed		Total Input	Value of Products & By	Total Value of Output	Depreciation	Gross Value Added	Net Value Added	Net Income	In Addition Stock of				Total	Profit
	Fuels	Materials								Fuels, etc.	Semi-Finished goods	Finished Goods			
X	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
275	547	27606	48505	44425	63051	840	14546	13705	12762	731	30	1324	2086	8722	
279	814	50181	62030	90987	95096	1328	33067	31739	29680	1619	625	1086	3330	25127	
281	15215	477668	669710	862675	949546	62544	279836	217292	197660	59494	30652	10364	100510	116000	
282	15140	377903	521564	623928	767187	24393	245623	221230	202971	31634	8653	1408	41695	126456	
291	26077	1794404	2048344	2246604	2390818	91062	342474	251412	203864	41480	-2244	38674	77909	103931	
292	1622	44270	70501	73403	92322	2207	21820	19613	18261	-4350	-75	-1372	-5797	8153	
292	40014	1232410	1672577	1651898	1922370	73108	249793	176686	125388	24399	8209	-3628	28980	-12534	
293	106	18627	34753	32239	32988	347	-1765	-2113	-4844	4141	14676	3	18821	-6508	
301	147	9493	11970	15331	18878	393	6909	6516	6267	1811	289	2	2101	4292	
302	433	1075	6836	8134	12112	3391	5276	1886	1365	665	4323	1600	6589	-995	
303	2	8	16	49	49	6	33	27	22	0	0	0	0	13	
304	6354	259804	330108	402273	422208	11056	92101	81045	71919	-4270	665	-6102	-9708	37518	
309	524	15490	21319	26637	30329	974	9010	8036	7475	3	1082	225	1310	3896	
310	1401	472503	500695	495933	522417	1485	21722	20237	13532	6217	-483	12577	18311	3054	
321	39	1277	1513	2529	2655	542	1142	600	552	62	-15	-4	43	88	
322	90	2097	2628	3388	3934	55	1306	1251	1199	31	-338	110	-198	636	
323	37	237	448	262	741	35	294	259	239	44	0	-1	43	146	
324	441	5492	11641	13550	18787	1561	7146	5585	5238	1541	3	127	1670	2236	
325	2207	141734	171559	205185	222152	2087	50593	48506	43628	2431	130	1203	3763	14601	
329	645	10051	20840	12292	28505	1009	7665	6655	6249	1671	3	176	1850	875	
331	3	29	78	0	191	33	113	80	66	5	0	0	5	-83	
332	8542	81996	105336	236805	253995	17768	148659	130891	115307	1192	1	413	1606	110977	

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)
(Value Rs. in Lakhs)

Industry Code	Fuels Consumed		Materials Consumed	Total Input	Value of Products & By	Total Value of Output	Depreciation	Gross Value Added	Net Value Added	Net Income	In Addition Stock of				Total	Profit		
	31	32									33	34	35	36			37	38
X																		
352	322	34363	35641	5142	5142	1244	-30499	-31743	-32072	-429	23	737	331	-32652				
353	225	3870	4214	1601	4826	412	612	200	200	0	0	0	0	0	26	1626		
360	327	278	1286	2040	3957	407	2672	2265	2159	10	0	-15	-55	-1702				
370	156	1954	2439	2073	2674	381	235	-146	-481	0	0	0	0	0	-4			
381	1	5	13	0	11	0	-2	-2	-3	0	0	0	-4	-121				
382	215	260	828	0	951	122	123	1	1	190	0	3	193	124				
383	133	5834	7693	7056	8622	71	930	859	655	-45	0	-34	-79	-484				
390	42	42	1689	0	2286	75	597	522	202	-1699	-40	668	-1071	-21227				
410	1379	19918	36497	22030	29192	4762	-7306	-12068	-16688	-536	0	-77	-613	51875				
421	1571	13436	16161	0	69176	151	53014	52863	52773	-77	30	36	-11	2751				
422	205	1999	2460	3160	5889	48	3429	3380	3259	0	0	0	0	93				
429	1	97	97	135	200	2	103	101	98	0	0	0	0	0				
431	0	0	0	0	0	0	0	0	0	-1383	0	0	-275	-1881				
432	19	3167	3216	0	2029	196	-1186	-1383	-1383	73	0	0	0	27				
439	2	100	143	0	237	1	94	93	73	-74	0	-79	-154	2285				
451	63	1527	26565	1902	30020	120	3455	3335	3071	658	-66	-80	511	7224				
452	2501	14310	359997	206	394847	2929	34850	31921	22756	775	0	4952	5727	-19396				
453	73	8	142440	82	129891	1133	-12549	-13682	-16251	-480	0	-757	-1237	3				
454	136	1580	29615	310	32092	181	2477	2296	1470	396	-41	-54	301	-8232				
461	516	9741	11726	4436	4453	276	-7273	-7550	-7751	263	0	1	264	957				
462	391	34331	37164	40294	40512	247	3349	3102	1606	260	1	100	361	12402				
463	102	3934	60714	4292	73660	77	12947	12870	12813									

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

STATE : TAMILNADU

Industry Code	Fuels Consumed	Materials Consumed	Total Input	Value of Products & By Products	Total Value of Output	Depreciation	Gross Value Added	Net Value Added	Net Income	In Addition Stock of				Profit
										Materials, Fuels, etc.	Semi-Finished goods	Finished Goods	Total	
X	31	32	33	34	35	36	37	38	39	40	41	42	43	44
464	1	1797	1799	1795	1795	0	-3	-3	-4	0	0	0	0	-17
465	78	2278	2665	5872	8213	264	5548	5284	5193	6	1	0	7	4709
466	28	1511	1609	2250	5093	258	3484	3227	3205	-5	1	6	2	2817
469	0	0	0	0	0	0	0	0	0	0	0	0	0	0
471	0	0	0	0	0	0	0	0	0	0	0	0	0	0
472	1	9	13	0	28	3	15	12	2	2	0	-64	-62	-22
473	0	0	0	0	0	0	0	0	0	0	0	0	0	0
475	18	582	1069	2032	2282	167	1213	1045	1011	50	11	-12	49	792
477	13	2485	2816	994	1352	14	-1464	-1478	-1513	195	0	41	236	-1624
478	0	0	0	0	0	0	0	0	0	0	0	0	0	0
479	0	0	0	0	0	0	0	0	0	0	0	0	0	0
492	0	0	0	0	0	0	0	0	0	0	0	0	0	0
493	0	0	0	0	0	0	0	0	0	0	0	-32	-50	25
502	6	0	3091	83	3237	13	146	133	108	-18	0	0	0	10
511	1	66	68	83	83	1	16	15	13	0	0	0	0	0
521	375	39152	62619	16081	44993	676	-17626	-18302	-20863	5971	1159	3	7133	-28828
522	33	329	2652	282	6738	51	4086	4035	3993	555	0	-302	253	3195
532	36	0	315	0	1133	382	818	436	-6	164	0	0	164	-72
551	2	343	360	431	434	2	74	72	68	118	0	0	118	-28
561	26	317	389	489	489	13	100	87	87	20	0	12	32	80
563	0	0	0	0	0	0	0	0	0	0	0	0	0	0
581	1980	62447	79109	34884	174080	5761	94971	89211	86482	5252	-90	135	5298	73824

5. Selected Characteristics of Factories (Estimated) By Major Industry Group (3 Digit) during the year 2008-09 (Contd.)

(Value Rs. in Lakhs)

STATE : TAMILNADU

Industry Code	Fuels Consumed	Materials Consumed	Total Input	Value of Products & By Products	Total Value of Output	Depreciation	Gross Value Added	Net Value Added	Net Income	In Addition Stock of				Profit
										Fuels, etc.	Semi-Finished goods	Finished Goods	Total	
X	31	32	33	34	35	36	37	38	39	40	41	42	43	44
591	216	443	6149	0	11229	467	5080	4613	3783	50	0	-776	-726	2953
592	5	0	16	0	39	6	24	18	18	0	0	0	0	0
620	0	0	0	0	0	0	0	0	0	0	0	0	0	0
639	0	0	0	0	0	0	0	0	0	0	0	0	0	0
651	0	0	0	0	0	0	0	0	0	0	0	0	0	0
711	0	0	0	0	0	0	0	0	0	0	0	0	0	0
741	0	0	0	0	0	0	0	0	0	0	0	0	0	0
742	100	205	5111	7	5632	327	521	194	45	257	0	0	257	-725
773	5	564	964	702	1044	20	79	60	25	-133	0	0	-133	0
812	112	88	325	0	383	26	57	31	29	0	0	0	0	-27
822	0	0	0	0	0	0	0	0	0	0	0	0	0	0
829	329	5141	8411	8122	12874	324	4462	4138	3992	101	235	48	384	2509
841	9	2173	2889	2978	2978	196	89	-107	-290	-27	0	0	-27	-1124
869	0	0	0	0	0	0	0	0	0	0	0	0	0	0
900	0	0	1	0	8	0	7	7	7	0	0	0	0	4
932	0	0	0	0	0	0	0	0	0	0	0	0	0	0
951	9	1082	1784	1434	1972	76	188	112	19	170	0	0	170	-125
952	4	239	1145	261	1202	26	57	31	24	-2	0	0	-2	-200
960	24	19	68	0	130	2	61	59	52	0	0	0	0	27
982	3	6	10	0	47	1	37	36	34	0	0	0	0	8
Total	1496922	20263529	27120935	26547702	32462426	969501	5341491	4371990	3417063	591369	219042	54931	865341	1457826

6. Principal Characteristics of Factories (Estimated) district wise during the year 2008-09

Sl. No.	Name of the District	Fixed Capital (Rs. In Lakhs)	Value of Output (Rs. In lakhs)	Value of Input (Rs. In Lakhs)	Gross Value Added (Rs. In Lakhs)	Net Value Added (Rs. In lakhs)	Employees (Nos.)	Workers (Nos.)	Emoluments (Rs. In Lakhs)	Wages and Salaries (Rs. In Lakhs)
1	2	3	4	5	6	7	8	9	10	11
1	Tiruvallur	1701682	7606862	7005608	601254	471756	207287	170779	349667	287682
2	Chennai	304378	1690619	1295882	394737	364725	82981	63193	122126	105224
3	Kancheepuram	2106023	5955154	5060410	894744	656459	231318	186543	336845	281178
4	Vellore	223679	945903	762744	183159	158173	88710	76574	77491	64080
5	Dharmapuri	21153	60256	52577	7679	5470	10550	9622	8515	7953
6	Tiruvannamalai	25275	74931	55109	19822	17742	8315	7063	4715	4116
7	Villupuram	63766	140111	110667	29444	25778	10541	8537	9470	8210
8	Salem	664848	1381287	1065774	315513	273759	63196	54692	61270	53516
9	Namakkal	240191	456017	459306	-3288	-32367	41474	37573	24988	22255
10	Erode	500123	1209253	927955	281298	236913	104444	89974	70886	64054
11	The Nilgiris	50763	71910	56962	14948	10467	10103	8198	7118	5843
12	Coimbatore	1945670	5031807	4127663	904144	729218	352386	299601	330882	295461
13	Dindigul	312854	816089	618032	198056	167204	43657	37885	27358	22739
14	Karur	228753	454341	314521	139820	118175	24487	20350	21547	18096
15	Tiruchy	284945	1335285	914371	420914	402478	55262	43580	144447	136157

6. Principal Characteristics of Factories (Estimated) district wise during the year 2008-09 (Contd.)

Sl. No.	Name of the District	Principal Characteristics of Factories (Estimated) district wise during the year 2008-09 (Contd.)										
		3	4	5	6	7	8	9	10	11		
		Fixed Capital (Rs. in Lakhs)	Value of Output (Rs. in lakhs)	Value of Input (Rs. in Lakhs)	Gross Value Added (Rs. in Lakhs)	Net Value Added (Rs. in lakhs)	Employees (Nos.)	Workers (Nos.)	Emoluments (Rs. in Lakhs)	Wages and Salaries (Rs. in Lakhs)		
1	2	3	4	5	6	7	8	9	10	11		
16	Perambalur	16301	21682	30296	-8614	-9586	2980	2702	2222	1976		
17	Ariyalur	119746	145615	63201	82415	78136	2152	1315	4871	3330		
18	Cuddalore	247518	417961	262687	155274	134173	14461	11188	23226	20081		
19	Nagapattinam	19664	28910	50779	-21869	-23717	2567	2034	2124	1929		
20	Thanjavur	5396	12728	10720	2008	1289	1232	952	762	706		
21	Tiruvārur	44426	215003	146124	68879	64540	10336	7973	7725	6959		
22	Pudukkottai	135444	272217	211139	61078	50645	22616	18501	23570	20950		
23	Sivagangai	69105	93360	118789	-25429	-32786	10809	9143	7994	6846		
24	Madurai	103885	509712	408424	101288	90044	42797	35735	40561	34616		
25	Theni	51323	124601	98779	25822	21941	9577	8346	5942	4747		
26	Ramanathapuram	370269	75686	56958	18728	11773	10936	9875	5162	4412		
27	Virudhunagar	345876	681673	600146	81527	46223	107539	97268	51122	42463		
28	Thuthukkudi	173096	404286	287023	117263	101512	38542	33868	30834	25709		
29	Tirunelveli	108799	328397	232158	96239	86183	26205	22492	18090	15241		
30	Kanyakumari	43987	248368	191557	56811	51802	42133	38750	51576	49913		
31	Krishnagiri	391202	1652403	1524576	127827	93869	43864	34242	86134	72019		
	State	10920140	32462426	27120935	5341491	4371990	1723456	1448548	1959237	1688462		

ANNEXURE – 2

**NATIONAL INDUSTRIAL
CLASSIFICATION CODE 2008**

BROAD STRUCTURE
(Sections, Divisions and Groups)

Section A	Agriculture, forestry and fishing
Division 01	Crop and animal production, hunting and related service activities
Group 011	Growing of non-perennial crops
Group 012	Growing of perennial crops
Group 013	Plant propagation
Group 014	Animal production
Group 015	Mixed farming
Group 016	Support activities to agriculture and post-harvest crop activities
Group 017	Hunting, trapping and related service activities
Division 02	Forestry and logging
Group 021	Silviculture and other forestry activities
Group 022	Logging
Group 023	Gathering of non-wood forest products
Group 024	Support services to forestry
Division 03	Fishing and aquaculture
Group 031	Fishing
Group 032	Aquaculture
Section B	Mining and quarrying
Division 05	Mining of coal and lignite
Group 051	Mining of hard coal
Group 052	Mining of lignite
Division 06	Extraction of crude petroleum and natural gas
Group 061	Extraction of crude petroleum
Group 062	Extraction of natural gas
Division 07	Mining of metal ores
Group 071	Mining of iron ores
Group 072	Mining of non-ferrous metal ores
Division 08	Other mining and quarrying
Group 081	Quarrying of stone, sand and clay
Group 089	Mining and quarrying n.e.c.

Division 09	Mining support service activities
Group 091	Support activities for petroleum and natural gas mining
Group 099	Support activities for other mining and quarrying
Section C	Manufacturing
Division 10	Manufacture of food products
Group 101	Processing and preserving of meat
Group 102	Processing and preserving of fish, crustaceans and molluscs
Group 103	Processing and preserving of fruit and vegetables
Group 104	Manufacture of vegetable and animal oils and fats
Group 105	Manufacture of dairy products
Group 106	Manufacture of grain mill products, starches and starch products
Group 107	Manufacture of other food products
Group 108	Manufacture of prepared animal feeds
Division 11	Manufacture of beverages
Group 110	Manufacture of beverages
Division 12	Manufacture of tobacco products
Group 120	Manufacture of tobacco products
Division 13	Manufacture of textiles
Group 131	Spinning, weaving and finishing of textiles
Group 139	Manufacture of other textiles
Division 14	Manufacture of wearing apparel
Group 141	Manufacture of wearing apparel, except fur apparel
Group 142	Manufacture of articles of fur
Group 143	Manufacture of knitted and crocheted apparel
Division 15	Manufacture of leather and related products
Group 151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
Group 152	Manufacture of footwear
Division 16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
Group 161	Sawmilling and planing of wood
Group 162	Manufacture of products of wood, cork, straw and plaiting materials

Division 17	Manufacture of paper and paper products
Group 170	Manufacture of paper and paper products
Division 18	Printing and reproduction of recorded media
Group 181	Printing and service activities related to printing
Group 182	Reproduction of recorded media
Division 19	Manufacture of coke and refined petroleum products
Group 191	Manufacture of coke oven products
Group 192	Manufacture of refined petroleum products
Division 20	Manufacture of chemicals and chemical products
Group 201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
Group 202	Manufacture of other chemical products
Group 203	Manufacture of man-made fibres
Division 21	Manufacture of pharmaceuticals, medicinal chemical and botanical products
Group 210	Manufacture of pharmaceuticals, medicinal chemical and botanical products
Division 22	Manufacture of rubber and plastics products
Group 221	Manufacture of rubber products
Group 222	Manufacture of plastics products
Division 23	Manufacture of other non-metallic mineral products
Group 231	Manufacture of glass and glass products
Group 239	Manufacture of non-metallic mineral products n.e.c.
Division 24	Manufacture of basic metals
Group 241	Manufacture of basic iron and steel
Group 242	Manufacture of basic precious and other non-ferrous metals
Group 243	Casting of metals
Division 25	Manufacture of fabricated metal products, except machinery and equipment
Group 251	Manufacture of structural metal products, tanks, reservoirs and steam generators
Group 252	Manufacture of weapons and ammunition
Group 259	Manufacture of other fabricated metal products; metalworking service activities

Division 26	Manufacture of computer, electronic and optical products
Group 261	Manufacture of electronic components
Group 262	Manufacture of computers and peripheral equipment
Group 263	Manufacture of communication equipment
Group 264	Manufacture of consumer electronics
Group 265	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
Group 266	Manufacture of irradiation, electromedical and electrotherapeutic equipment
Group 267	Manufacture of optical instruments and equipment
Group 268	Manufacture of magnetic and optical media
Division 27	Manufacture of electrical equipment
Group 271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
Group 272	Manufacture of batteries and accumulators
Group 273	Manufacture of wiring and wiring devices
Group 274	Manufacture of electric lighting equipment
Group 275	Manufacture of domestic appliances
Group 279	Manufacture of other electrical equipment
Division 28	Manufacture of machinery and equipment n.e.c.
Group 281	Manufacture of general purpose machinery
Group 282	Manufacture of special-purpose machinery
Division 29	Manufacture of motor vehicles, trailers and semi-trailers
Group 291	Manufacture of motor vehicles
Group 292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
Group 293	Manufacture of parts and accessories for motor vehicles
Division 30	Manufacture of other transport equipment
Group 301	Building of ships and boats
Group 302	Manufacture of railway locomotives and rolling stock
Group 303	Manufacture of air and spacecraft and related machinery
Group 304	Manufacture of military fighting vehicles
Group 309	Manufacture of transport equipment n.e.c.
Division 31	Manufacture of furniture
Group 310	Manufacture of furniture

Division 32	Other manufacturing
Group 321	Manufacture of jewellery, bijouterie and related articles
Group 322	Manufacture of musical instruments
Group 323	Manufacture of sports goods
Group 324	Manufacture of games and toys
Group 325	Manufacture of medical and dental instruments and supplies
Group 329	Other manufacturing n.e.c.
Division 33	Repair and installation of machinery and equipment
Group 331	Repair of fabricated metal products, machinery and equipment
Group 332	Installation of industrial machinery and equipment
Section D	Electricity, gas, steam and air conditioning supply
Division 35	Electricity, gas, steam and air conditioning supply
Group 351	Electric power generation, transmission and distribution
Group 352	Manufacture of gas; distribution of gaseous fuels through mains
Group 353	Steam and air conditioning supply
Section E	Water supply; sewerage, waste management and remediation activities
Division 36	Water collection, treatment and supply
Group 360	Water collection, treatment and supply
Division 37	Sewerage
Group 370	Sewerage
Division 38	Waste collection, treatment and disposal activities; materials recovery
Group 381	Waste collection
Group 382	Waste treatment and disposal
Group 383	Materials recovery
Division 39	Remediation activities and other waste management services
Group 390	Remediation activities and other waste management services
Section F	Construction
Division 41	Construction of buildings
Group 410	Construction of buildings

Division 42	Civil engineering
Group 421	Construction of roads and railways
Group 422	Construction of utility projects
Group 429	Construction of other civil engineering projects
Division 43	Specialized construction activities
Group 431	Demolition and site preparation
Group 432	Electrical, plumbing and other construction installation activities
Group 433	Building completion and finishing
Group 439	Other specialized construction activities
Section G	Wholesale and retail trade; repair of motor vehicles and motorcycles
Division 45	Wholesale and retail trade and repair of motor vehicles and motorcycles
Group 451	Sale of motor vehicles
Group 452	Maintenance and repair of motor vehicles
Group 453	Sale of motor vehicle parts and accessories
Group 454	Sale, maintenance and repair of motorcycles and related parts and accessories
Division 46	Wholesale trade, except of motor vehicles and motorcycles
Group 461	Wholesale on a fee or contract basis
Group 462	Wholesale of agricultural raw materials and live animals
Group 463	Wholesale of food, beverages and tobacco
Group 464	Wholesale of household goods
Group 465	Wholesale of machinery, equipment and supplies
Group 466	Other specialized wholesale
Group 469	Non-specialized wholesale trade
Division 47	Retail trade, except of motor vehicles and motorcycles
Group 471	Retail sale in non-specialized stores
Group 472	Retail sale of food, beverages and tobacco in specialized stores
Group 473	Retail sale of automotive fuel in specialized stores
Group 474	Retail sale of information and communications equipment in specialized stores
Group 475	Retail sale of other household equipment in specialized stores
Group 476	Retail sale of cultural and recreation goods in specialized stores
Group 477	Retail sale of other goods in specialized stores
Group 478	Retail sale via stalls and markets
Group 479	Retail trade not in stores, stalls or markets

Section H Transportation and storage

Division 49 Land transport and transport via pipelines

Group 491 Transport via railways

Group 492 Other land transport

Group 493 Transport via pipeline

Division 50 Water transport

Group 501 Sea and coastal water transport

Group 502 Inland water transport

Division 51 Air transport

Group 511 Passenger air transport

Group 512 Freight air transport

Division 52 Warehousing and support activities for transportation

Group 521 Warehousing and storage

Group 522 Support activities for transportation

Division 53 Postal and courier activities

Group 531 Postal activities

Group 532 Courier activities

Section I Accommodation and Food service activities

Division 55 Accommodation

Group 551 Short term accommodation activities

Group 552 Camping grounds, recreational vehicle parks and trailer parks

Group 559 Other accommodation

Division 56 Food and beverage service activities

Group 561 Restaurants and mobile food service activities

Group 562 Event catering and other food service activities

Group 563 Beverage serving activities

Section J Information and communication

Division 58 Publishing activities

Group 581 Publishing of books, periodicals and other publishing activities

Group 582 Software publishing

Division 59	Motion picture, video and television programme production, sound recording and music publishing activities
Group 591	Motion picture, video and television programme activities
Group 592	Sound recording and music publishing activities
Division 60	Broadcasting and programming activities
Group 601	Radio broadcasting
Group 602	Television programming and broadcasting activities
Division 61	Telecommunications
Group 611	Wired telecommunications activities
Group 612	Wireless telecommunications activities
Group 613	Satellite telecommunications activities
Group 619	Other telecommunications activities
Division 62	Computer programming, consultancy and related activities
Group 620	Computer programming, consultancy and related activities
Division 63	Information service activities
Group 631	Data processing, hosting and related activities; web portals
Group 639	Other information service activities
Section K	Financial and insurance activities
Division 64	Financial service activities, except insurance and pension funding
Group 641	Monetary intermediation
Group 642	Activities of holding companies
Group 643	Trusts, funds and other financial vehicles
Group 649	Other financial service activities, except insurance and pension funding activities
Division 65	Insurance, reinsurance and pension funding, except compulsory social security
Group 651	Insurance
Group 652	Reinsurance
Group 653	Pension funding
Division 66	Other financial activities
Group 661	Activities auxiliary to financial service activities, except insurance and pension funding

Group 662	Activities auxiliary to insurance and pension funding
Group 663	Fund management activities
Section L	Real estate activities
Division 68	Real estate activities
Group 681	Real estate activities with own or leased property
Group 682	Real estate activities on a fee or contract basis
Section M	Professional, scientific and technical activities
Division 69	Legal and accounting activities
Group 691	Legal activities
Group 692	Accounting, bookkeeping and auditing activities; tax consultancy
Division 70	Activities of head offices; management consultancy activities
Group 701	Activities of head offices
Group 702	Management consultancy activities
Division 71	Architecture and engineering activities; technical testing and analysis
Group 711	Architectural and engineering activities and related technical consultancy
Group 712	Technical testing and analysis
Division 72	Scientific research and development
Group 721	Research and experimental development on natural sciences and engineering
Group 722	Research and experimental development on social sciences and humanities
Division 73	Advertising and market research
Group 731	Advertising
Group 732	Market research and public opinion polling
Division 74	Other professional, scientific and technical activities
Group 741	Specialized design activities
Group 742	Photographic activities
Group 749	Other professional, scientific and technical activities n.e.c.
Division 75	Veterinary activities
Group 750	Veterinary activities

Section N	Administrative and support service activities
Division 77	Rental and leasing activities
Group 771	Renting and leasing of motor vehicles
Group 772	Renting and leasing of personal and household goods
Group 773	Renting and leasing of other machinery, equipment and tangible goods n.e.c.
Group 774	Leasing of nonfinancial intangible assets
Division 78	Employment activities
Group 781	Activities of employment placement agencies
Group 782	Temporary employment agency activities
Group 783	Human resources provision and management of human resources functions
Division 79	Travel agency, tour operator and other reservation service activities
Group 791	Travel agency and tour operator activities
Group 799	Other reservation service activities
Division 80	Security and investigation activities
Group 801	Private security activities
Group 802	Security systems service activities
Group 803	Investigation activities
Division 81	Services to buildings and landscape activities
Group 811	Combined facilities support activities
Group 812	Cleaning activities
Group 813	Landscape care and maintenance service activities
Division 82	Office administrative, office support and other business support activities
Group 821	Office administrative and support activities
Group 822	Activities of call centres
Group 823	Organization of conventions and trade shows
Group 829	Business support service activities n.e.c.
Section O	Public administration and defence; compulsory social security
Division 84	Public administration and defence; compulsory social security
Group 841	Administration of the State and the economic and social policy of the community
Group 842	Provision of services to the community as a whole
Group 843	Compulsory social security activities

Section P Education

- Division 85 Education

- Group 851 Primary education
- Group 852 Secondary education
- Group 853 Higher education
- Group 854 Other education
- Group 855 Educational support services

Section Q Human health and social work activities

- Division 86 Human health activities

- Group 861 Hospital activities
- Group 862 Medical and dental practice activities
- Group 869 Other human health activities

- Division 87 Residential care activities

- Group 871 Nursing care facilities
- Group 872 Residential care activities for mental retardation, mental health and substance abuse
- Group 873 Residential care activities for the elderly and disabled
- Group 879 Other residential care activities n.e.c.

- Division 88 Social work activities without accommodation

- Group 881 Social work activities without accommodation for the elderly and disabled
- Group 889 Other social work activities without accommodation n.e.c.

Section R Arts, entertainment and recreation

- Division 90 Creative, arts and entertainment activities

- Group 900 Creative, arts and entertainment activities

- Division 91 Libraries, archives, museums and other cultural activities

- Group 910 Libraries, archives, museums and other cultural activities

- Division 92 Gambling and betting activities

- Group 920 Gambling and betting activities

- Division 93 Sports activities and amusement and recreation activities

- Group 931 Sports activities
- Group 932 Other amusement and recreation activities

Section S	Other service activities
Division 94	Activities of membership organizations
Group 941	Activities of business, employers and professional membership organizations
Group 942	Activities of trade unions
Group 949	Activities of other membership organizations
Division 95	Repair of computers and personal and household goods
Group 951	Repair of computers and communication equipment
Group 952	Repair of personal and household goods
Division 96	Other personal service activities
Group 960	Other personal service activities
Section T	Activities of households as employers; undifferentiated goods- and services producing activities of households for own use
Division 97	Activities of households as employers of domestic personnel
Group 970	Activities of households as employers of domestic personnel
Division 98	Undifferentiated goods- and services-producing activities of private households for own use
Group 981	Undifferentiated goods-producing activities of private households for own use
Group 982	Undifferentiated service-producing activities of private households for own use
Section U	Activities of extraterritorial organizations and bodies
Division 99	Activities of extraterritorial organizations and bodies
Group 990	Activities of extraterritorial organizations and bodies

ANNEXURE – 3

SCHEDULE FOR DATA COLLECTION

CONFIDENTIAL

Government of India
 Ministry of Statistics and Programme Implementation
 Return under Rules 3 and 4 of the Collection of Statistics (Central Rules), 1959
 Annual Survey of Industries: 2008-09 (Part -I)
 (Please read the instructions before filling the return)

Block A: identification particulars (for official use)		Block B: particulars of the factory (to be filled by owner of the factory)	
1. schedule despatch (DSL) no.		1.1 Vill./town name:	
2. PSL no.		1.2 district name:	
3. scheme code (census-1, sample-2)		1.3 state name:	
4. industry code as per frame (4-digit level of NIC-2004)		1.4 PIN code	
5. industry code as per return (5-digit level of NIC-2008)			
6. description of industry:		2. type of organisation (code)	
7. state code		3. type of ownership (code)	
8. district code		4. if code is 4 or 5 in item 2 and code is 6 in item 3, how many total number of units the company has	
9. sector (rural-1, urban-2)		5. original value of investment in P & M (range codes: less than or equal to one crore-1, more than 1 crore but less than or equal to 5 crore -2, more than 5 crore but less than or equal to 10 crore-3, more than 10 crore-4)	
10. RO /SRO code		6. whether the unit has ISO Certification, 14000 Series (yes-1, no-2)	
11. no. of units		7. year of initial production (in the format YYYY)	
12. status of unit (code)		8. accounting year (in the format YYYY to YYYY)	
		9. number of months of operation	
		10. does your unit have computerised accounting system? (yes-1, no-2)	
		11. can your unit supply ASI data in computer media? (yes-1, no-2)	
		12. details of the contact person	
		i) name & designation:	
		ii) Tele (with STD code)	
		iii) FAX no.	
		iv) E-mail	

DECLARATION

I hereby declare that information furnished in this return is correct and complete to the best of my knowledge and belief.

Date :
 Place :

(Signature of owner with stamp)

Block E: employment and labour cost							
Item no.	category of staff	man-days worked			average number of persons worked	no. of mandays paid for	wages/salaries (in Rs.)
		manu- facturing	non manufacturing	total			
1	2	3	4	5	6	7	8
Part A: details for each category of staff							
1.	male workers employed directly						
2.	female workers employed directly						
3.	sub-total (items 1 + 2)						
4.	workers employed through contractors						
5.	total workers (items 3 + 4)						
6.	supervisory & managerial staff						
7.	other employees						
8.	unpaid family members/ proprietor/ coop. members						
9.	total employees (items 5+6+7+8)						
Part B: some details for all categories of staff combined							
10.	bonus (in Rs.)						
11.	contribution to provident & other funds (in Rs.)						
12.	workman & staff welfare expenses (in Rs.)						
13.	number of working days	(i) manufacturing days					
		(ii) non-manufacturing days					
		(iii) total					
14.	total cost of production (in Rs.) [entry in col. 8 of item 9, 10, 11, and 12, block E + entry in col. 3 of item 7, 8, 9 & 10, block F + entry in col. 6 of item 23 of block H + entry in col. 6 of item 7, block I]						

Block H: indigenous input items consumed (if needed, additional sheets may be used for recording input items with serial nos. starting from 25)						
item no.	item description	item code (ASICC)	unit of quantity	quantity consumed	purchase value (in Rs.)	rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	major ten basic items (indigenous)					
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.	other basic items (indigenous)*	99201				
12.	total basic items (items 1 to 11)	99901				
13.	non-basic chemicals – all kinds	99203				
14.	packing items	99908				
15.	electricity own generated	99904	KWH			
16.	electricity purchased & consumed	99905	KWH			
17.	petrol, diesel, oil, lubricants consumed	99906				
18.	coal consumed	99907				
19.	gas consumed	99909				
20.	other fuel consumed	99204				
21.	consumable store	99220				
22.	total non-basic items (items 13 to 20)	99920				
23.	total inputs (items 12+ 22)	99930				
24.	any additional requirement of electricity (unmet demand)		KWH			

* full description of items not in ASICC:

DSL No PSL No

Block I: imported input items consumed - directly only (if needed, additional sheets may be used for recording input items with serial nos. starting from 8)

item no.	item description (major five imported items)	item code (ASICC)	unit of quantity	quantity consumed	purchase value (in Rs.)	rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.						
2.						
3.						
4.						
5.						
6.	other items imported	99221				
7.	total imports (consumed) (items 1 to 6)	99940				

DSL No PSL No

Block J: products and by-products manufactured by the unit (if needed, additional sheets may be used for recording output items with serial nos. starting from 14)

item no.	products/by-products description (first ten major items as per value - no brand name)	item code (ASICC)	unit of quantity	quantity manufactured	quantity sold	gross sale value (Rs) (including subsidy received)	distributive expenses (Rs.)				per unit net sale value (Rs. 0.00) (col. 7-col.11) ÷ col. 6	ex-factory value of quantity manufactured including subsidy received (Rs.)
							excise duty	sales tax/vat	others	total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.	other products/by-products*	99211										
12.	total (items 1 to 11)	99950										
13.	share (%) of products/by-products directly exported (Rs.)											

* full description of items not in ASICC.

