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**REPORT ON  
ANNUAL SURVEY OF INDUSTRIES  
2004-05 - KERALA**

**Department of Economics & Statistics  
Thiruvananthapuram  
2008**



## **PREFACE**

The Annual Survey of Industries (ASI) provides the basic statistics of Industrial Sector. It provides information to assess and evaluate composition and structure of organized manufacturing process and repair service. The survey is conducted under the statutory provisions of the collection of statistical Act 1953 and the rules framed there under in 1959. NSSO (FOD) is conducting the survey at National Level. The Department of Economics & Statistics is presenting 'A Report on Annual Survey of Industries 2004-05', Kerala, based on the findings of Central Statistical Organisation on Annual Survey of Industries 2004-05.

This task has been undertaken by Smt. L. Sobhana Pillai, Assistant Director. The services of K Surendranathan, Research Officer, Sri. P.S. Sreekumar and Smt. Z. Nazeema Beegum, Research Assistants of the ASI unit are also utilized for this work. Shri. K. Asokan, Additional Director and Smt. V J Lathika, Joint Director extended their full support in this work.

The service rendered by the Computer Division for bringing out this publication in time is well appreciated.

I hope that this publication will be useful as a reference book.

Thiruvananthapuram  
06/08/2008

**M.R.BALAKRISHNAN**  
**DIRECTOR**

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## **ANNUAL SURVEY OF INDUSTRIES (ASI)**

### **CHAPTER I**

#### **Introduction**

The Annual Survey of Industries (ASI) is the principal source of Industrial Statistics in India. It provides statistical information to assess and evaluate, objectively and realistically, the changes in the growth, composition and structure of organised manufacturing sector comprising activities related to manufacturing processes, repair services, gas and water supply and cold storage. Industrial sector occupies an important position in the Indian economy and has a pivotal role to play in the rapid and balanced economic development. Viewed in this context the collection and dissemination of ASI data, on a regular basis, are of vital importance. The Survey is conducted annually under the statutory provisions of the Collection of Statistics Act 1953, and the rules framed there-under in 1959, except in the State of Jammu & Kashmir where it is conducted under the State Collection of Statistics Act, 1961 and the rules framed there-under in 1964.

#### **Historical Background**

2. Understanding the importance of collection and compilation of data relating to industrial sector of the country, the Government of India, after 1930, launched a voluntary scheme for collection of detailed data from important industries in India. During the Second World War, in order to cater the specific requirement of war management, each government department created its own statistical sections. In 1942, Industrial Statistics Act was formed on the recommendation of the Royal Commission on Labour. A Directorate of Industrial Statistics (DIS) was formed in 1945 under Ministry of Commerce to administer the act. DIS started Census of Manufacturing Industries in 1946. After independence, Central Statistical Organization (CSO) was set up under Cabinet Secretariat by the Government of India in 1951 as an apex statistical body for coordinating the large variety of data collected by various agencies, which was

necessitated for adoption of planned economy by the government. In 1956, the Industrial Statistics Act 1942 was repealed with the passing of a more comprehensive Collection of Statistics Act 1953. Subsequently DIS was transferred to the Cabinet Secretariat in 1959 and was attached to Central Statistical Organization as Industrial Statistics Wing.

### **Census of Manufacturing Industries (CMI)**

3. The Directorate of Industrial Statistics launched the CMI in 1946 with the objective of studying the structure of the Indian industry and estimating its contribution to national income. Because of practical difficulties, the CMI could cover only 29 of the 63 industry groups specified in the Industrial Statistics Act and extended only to 11 States of the Indian Union. It was conducted annually up to 1958. By 1958, the geographical coverage of the CMI extended to 13 States and 2 Union Territories (UT).

### **Sample Survey of Manufacturing Industries (SSMI)**

4. Following the recommendation of the National Income Committee (1949), the Directorate of Industrial Statistics conducted the first SSMI in 1949 for collecting data from factories falling under the 34 industry groups left out by the CMI and defined under the Factories Act 1934. The technical work including the survey design, sample selection, and preparation of schedules was undertaken by the Directorate of Industrial Statistics while the tabulation and analysis of data, report writing, etc. was carried out by the Indian Statistical Institute, Calcutta. The SSMI was conducted annually up to 1958 by the then Directorate of National Sample Survey (now the NSS Organisation).

### **Annual Survey of Industries (ASI)**

5. The Collection of Statistics (Central) Rules, 1959 framed under the 1953 Act provided for, among others, a comprehensive Annual Survey of Industries (ASI) in India. This survey replaced both the CMI and SSMI. The ASI was launched in 1960 with 1959 as the reference year and is continuing since then except for 1972. For ASI,

the Collection of Statistics Act 1953 and the rules framed there-under in 1959 provides the statutory basis. The ASI refers to the factories defined in accordance with the Factories Act 1948, and thus has a coverage wider than that of the CMI and SSMI put together.

### **Scope and Coverage**

6. The ASI extends to the entire country except the States of Arunachal Pradesh, Mizoram, and Sikkim and Union Territory of Lakshadweep. It covers all factories registered under Sections 2m(i) and 2m(ii) of the Factories Act, 1948 i.e. those factories employing 10 or more workers using power; and those employing 20 or more workers without using power. The survey also covers bidi and cigar manufacturing establishments registered under the Beedi & Cigar Workers (Conditions of Employment) Act, 1966 with coverage as above. All electricity undertakings engaged in generation, transmission and distribution of electricity registered with the Central Electricity Authority (CEA) were covered under ASI irrespective of their employment size. Certain servicing units and activities like water supply, cold storage, repairing of motor vehicles and other consumer durables like watches etc. are covered under the Survey. Though servicing industries like motion picture production, personal services like laundry services, job dyeing, etc. are covered under the Survey but data are not tabulated, as these industries do not fall under the scope of industrial sector defined by the United Nations. Defence establishments, oil storage and distribution depots, restaurants, hotels, café and computer services and the technical training institutes, etc. are excluded from the purview of the Survey.

7. From ASI 1998-99, the electricity units registered with the CEA and the departmental units such as railway workshops, RTC workshops, Govt. Mints, sanitary, water supply, gas storage etc. are not covered, as there are alternative sources of their data compilation for the GDP estimates by the National Accounts Division of CSO.

## **ASI frame and its updation**

8. The ASI frame is based on the lists of registered factories/units maintained by the Chief Inspector of Factories (CIF) in each State/UT and those maintained by licensing authorities in respect of beedi and cigar establishments and electricity undertakings. Regional offices of FOD (NSSO) maintain close liaison with CIF in updating the frame every year.

## **Sampling Design**

9. The primary unit of enumeration in the survey is a factory in the case of manufacturing industries, a workshop in the case of repair services, an undertaking or a licensee in the case of electricity, gas & water supply undertakings and an establishment in the case of bidi & cigar industries. The owner of two or more establishments located in the same state and pertaining to the same industry group and belonging to same scheme (census or sample) is, however, permitted to furnish a single consolidated return. Such consolidated returns are common feature in the case of bidi and cigar establishments, electricity and certain public sector undertakings.

10. The ASI adopted from the beginning a very simple design. All units with 50 or more workers operating with power, and units having 100 or more workers operating without power were covered under the census sector. Also 12 States/UTs, namely, Himachal Pradesh, Jammu & Kashmir, Manipur, Meghalaya, Nagaland, Tripura and Pondicherry, A&N Islands, Chandigarh, Goa, Daman & Diu, D&N Haveli, which were industrially backward, were covered under the census sector to take complete stock of their manufacturing activities. Even the sample sector which comprised of units employing less than 50/100 workers (operating with or without power) in the major States were covered fully over a span of two years. This procedure continued till ASI 1986-87 by which time the total number of factories in the country grew enormously. Accordingly, the definition of the census sector was changed from ASI 1987-88 to the units having 100 or more workers irrespective of their operation with or without power. All the units in the frame of 12 less industrially developed States/UTs were surveyed on

complete enumeration basis. The rest of the universe was covered on sampling basis through an efficient sampling design adopting State X 3 digit industry group as stratum so as to cover all the units in a span of three years. This design continued till ASI 1996-97.

11. Before launching of ASI 1997-98 due to constraints of resources in covering a large number of units in the survey and generating the results of the survey in time bound manner, a review of the earlier design was made and a revised design was adopted in ASI 1997-98. The census sector was defined to include units having 200 or more workers and also some significant units were identified from the databases of ASI 1993-94 to ASI 1995-96, which although having less than 200 workers, contributed significantly to the Value of Output in these ASI years. The complete coverage of all Units in 12 less industrially developed States/UTs, namely, Goa, Himachal Pradesh, Jammu & Kashmir, Manipur, Meghalaya, Nagaland, Tripura, A&N Islands, Chandigarh UT, D&N Haveli, Daman & Diu and Pondicherry was continued. Also, all public sector undertakings (PSUs) were included in the census sector. The rest of the universe was covered in the Sample Sector by the usual formula of determination of sample size at a given value of the precision of the estimates with at least 99 per cent chance. This approach significantly reduced the sample size in ASI 1997-98 compared to that of ASI 1996-97 while maintaining a fair level of degree of precision for the estimates up to the State level. However, in 1997-98 a consensus decision has been taken so as not to attempt for the district level estimates. This design has been more or less continued in 2003-04 with the modification that the census sector was defined to include units having 100 or more workers instead of 200 or more workers and only 5 industrially backward States/UTs, namely, Manipur, Meghalaya, Nagaland, Tripura and A&N Islands were covered in census sector. The public sector undertakings were also covered in the general scheme i.e. units having 100 or more workers in census sector and rest in sample sector.

## **Industrial Classification**

12. The Standard Industrial and Occupation Classification 1962 developed on the basis of the UN International Standard Industrial Classification (ISIC) of all Economic Activities 1958 (Rev. 1) was adopted from its first survey in 1960. With effect from ASI 1973-74, the National Industrial Classification (NIC) 1970 developed subsequently on the basis of UNISIC 1968(Rev.2) has been adopted. The NIC 1987 that strictly followed UNISIC 1968 was adopted from ASI 1989-90 to ASI 1997-98. The latest classification, i.e. NIC 1998, developed on the basis of UNISIC, 1990 (Rev. 3) has been adopted from ASI 1998-99.

## **Reference period & schedule of enquiry**

13. Reference period for ASI is the accounting year of the industrial unit ending on any day during the fiscal year. Thus, in ASI 2004-05, the data collected from the respective industrial units relate to their accounting year ended on any day between 1st April 2004 and 31 March 2005.

Data for the ASI are collected through a comprehensive schedule. In the initial rounds, the schedule sought particulars relating to manufacturing activity only. Over the years, additions were made to meet the specific data requirements of various organizations. By 1973-74, the schedule consisted of five Parts: Part I on manufacturing, Part II on labour turnover, Part III on stocks & consumption of components and accessories in small scale sector, Part IV on construction expenditure and Part V on indirect taxes, sales, subsidies and capacity of power equipments installed. It was felt that the ASI schedule had become too unwieldy and complicated. So a modified schedule with three parts on manufacturing, labour and construction was adopted with effect from ASI 1974-75. Further modifications in the schedule were carried out in 1987-88, and again in 1997-98. Part III schedule relating to construction has been discontinued from 1998-99. The schedule for ASI 2004-05 also incorporated some minor changes.

## **Unit of enumeration**

The primary unit of enumeration was the factory and primary data consists of returns submitted by the factories. In case of electrical light, power industry, the unit of enumeration was an undertaking (by an undertaking is meant an electricity department of state / union territory where such a department exists or an electric license or a sanction holder under the Indian Electricity Act engaged in the business of production supply of electricity)

## **Form of returns**

The returns were submitted in the form prescribed for the purpose of Annual Survey of Industries under the collection of Statistics (Central) Rule 1959. As the data relating to a single factory cannot be published in view of restrictive class in the act safeguarding the interest of the owners, the industries in such case had been combined and data published for a group of industries.

State government participates in the survey programme in a scale to commensurate with their requirements. Our department has started collection of data under this scheme with effect from 2000 onwards. The State Level Coordination committee (SLCC) is the nodal agency, coordinating the fieldwork of ASI in our state. Principal Secretary to Industries, Government of Kerala is the Chairman of the SLCC. We are collecting the filled in schedules from all districts based on the residual sample of factories whose list is provide by the CSO (IS Wing)

## **Limitation**

As the data relating to less than 3 units in an industry group cannot be published, the data in respect of such industrial units has been combined with the nearest subgroup of group keeping the nearness in the line of production, as far as possible. Also as the figures were rounded up to the nearest integer at various levels of aggregates during the course of tabulation, there might be slight variation in the total presented at higher level of aggregation and the sums of corresponding constituents shown in different tables

## **CHAPTER-II**

### **CONCEPTS AND DEFINITIONS**

1. **REFERENCE YEAR** for ASI 2004-2005 is the accounting year of the factory ending on 3<sup>rd</sup> March 2005 while the survey was conducted in 2005-2006.
2. **FACTORY** is one, which is registered under sections 2m (i) and 2m (ii) of the Factory 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 the aid of power, or is ordinarily so carried on.
3. **FIXED CAPITAL** represents the depreciated value of fixed assets owned by the factory as on the closing day of the accounting year. Fixed assets are those that have a normal productive life of more than one year. Fixed capital includes land including lease- hold land, buildings, plant and machinery, furniture and fixtures, transport equipment, water system and roadways and other fixed assets such as hospitals, schools etc. used for the benefit of factory personnel.
4. **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.
5. **WORKING CAPITAL** is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank and the net balance receivable 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.

6. **PRODUCTIVE CAPITAL** is the total of fixed capital and working capital as defined above.

7. **INVESTED CAPITAL** is the total of fixed capital and physical working capital as defined above.

8. **GROSS VALUE OF PLANT AND MACHINERY** represents the total original (un-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 excludes the value of rented-out plants and machinery. Total value of all the plants and machinery acquired on hire - purchase basis is also included.

9. **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.

10. **RENT PAID** represents the amount of royalty paid in the nature of rent for the use of the fixed assets in the factory.

11. **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.

12. **RENT RECEIVED** represents the amount of royalty received in the nature of rent for the use of the fixed assets in the factory.

13. **INTEREST RECEIVED** includes all interest received on factory account on loans, whether short term or long term, irrespective of the duration and the nature of agency to which the loan was given. Interest received from partners and proprietors on capital or loan are excluded.

14. **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.

15. **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 of raw materials etc. or purchase of fixed assets for the factory and watch and ward staff.

16. **TOTAL PERSONS ENGAGED** include the employees as defined above and all working proprietors and their family members who are actively engaged in the 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 is an average number obtained by dividing mandays worked by the number of days the factory had worked during the reference year.

17. **MANDAYS** represent 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.

**18. 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 allowances) (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 bonus, productive bonus, profit sharing bonus, festival or year-end bonus etc.) It excludes lay off payments which are made from trust or other special funds set up exclusively for this purpose i.e., payments 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 crèches 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.

**19. CONTRIBUTION TO PROVIDENT FUND AND OTHER FUNDS** includes 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.

**20. WORKMEN AND STAFF WELFARE EXPENSES** include group benefits like direct expenditure on maternity, crèches, canteen facilities, educational, cultural recreational facilities, and grants to trade unions, co-operative stores etc. meant for employees.

21. **TOTAL EMOLUMENTS** is defined as the sum of wages and salaries, employers contribution as provident fund and other funds and workmen and staff welfare expenses as defined above.

22. **FUELS CONSUMED** represents 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.

23. **MATERIALS CONSUMED** represent the total delivered value of all items 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 factories 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.

24. **EX-FACTORY VALUE** of all products and by-products manufactured is attained at the rate of net sale-value (inclusive of subsidies etc.) with respect to each of the items.

25. **TOTAL INPUT** comprises 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 purchased. Rent paid and interest paid is not included.

26. **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 material supplied by them, value of electricity produced and sold, sale value of goods sold in the same conditions purchased, addition in stock of

semi- finished goods and value of own construction. Rent received and interest received is not being included from ASI 2001-02.

27. **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.

28. **NET VALUE ADDED** is arrived by deducting total input and depreciation from total output.

29. **COMPONENTS AND ACCESSORIES CONSUMED** are the portion of materials consumed and shown separately to represent as a special type of consumption.

30. **IMPORTED MATERIALS CONSUMED ON ACTUAL USE** comprise the portion of materials consumed that are imported from other countries. It may be raw materials or fuels or components and accessories of the input basket.

31. **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.

32 **FINISHED GOODS** of the factory are the ultimate products ready for sale. It does not require further processing but needs packaging and labeling etc.

## Chapter III

### Percentage growth in principal characteristics of Industrial sector during 2004-05 over 2003-04 Kerala - India

Table 3.1

|           | Characteristics                                                        | Kerala  |         |                | India   |         |                |
|-----------|------------------------------------------------------------------------|---------|---------|----------------|---------|---------|----------------|
|           |                                                                        | 2003-04 | 2004-05 | % of variation | 2003-04 | 2004-05 | % of variation |
| 1         | 2                                                                      | 3       | 4       | 5              | 6       | 7       | 8              |
| <b>A.</b> | <b>No. Of Persons Engaged</b>                                          | 316622  | 317834  | 0.38           | 7870081 | 8453628 | 7.41           |
| 1         | Workers                                                                | 272433  | 274486  | 0.75           | 6086908 | 6599298 | 8.42           |
| 1.1       | Directly Employed                                                      | 256616  | 253588  | -1.18          | 4591237 | 4851233 | 5.66           |
|           | Men                                                                    | 94177   | 90106   | -4.32          | 3695860 | 3863691 | 4.54           |
|           | Women                                                                  | 162441  | 163482  | 0.64           | 895377  | 987497  | 10.29          |
| 1.2       | Employed Through Contractors                                           | 15820   | 20898   | 32.10          | 1495671 | 1748065 | 16.87          |
| 2         | Employees Other Than Workers                                           | 42115   | 41366   | -1.79          | 1716487 | 1783978 | 3.93           |
|           | Other Employees                                                        | 20993   | 20681   | -1.49          | 959544  | 989800  | 3.15           |
| 3         | Unpaid family members/proprietor etc.                                  | 2066    | 1982    | -4.29          | 66687   | 70351   | 5.49           |
| <b>B</b>  | <b>Total Mandays Employed (in '000)</b>                                | 75634   | 81004   | 7.10           | 2368602 | 2544598 | 7.43           |
| <b>C</b>  | <b>Wages and Salaries Including Employers' Contribution (in lakhs)</b> | 194915  | 210817  | 8.16           | 7245434 | 7831282 | 8.09           |
| 1.        | Wages and Salaries Including Bonus (in lakhs)                          | 157821  | 169603  | 7.47           | 5833675 | 6440594 | 10.40          |
| 1.1       | Wages and Salaries                                                     | 146135  | 156996  | 7.43           | 5535699 | 6104796 | 10.28          |
| 1.1.1     | Workers                                                                | 95954   | 105714  | 10.17          | 3047777 | 3363505 | 10.36          |
| 1.1.2     | Supervisory & Managerial                                               | 31690   | 32996   | 4.12           | 1617871 | 1810322 | 11.90          |
| 1.1.3     | Other Employees                                                        | 18479   | 18286   | -1.04          | 870051  | 930969  | 7.00           |

|     | Characteristics<br>(in lakhs)            | Kerala  |         |                | India     |           |                |
|-----|------------------------------------------|---------|---------|----------------|-----------|-----------|----------------|
|     |                                          | 2003-04 | 2004-05 | % of variation | 2003-04   | 2004-05   | % of variation |
| 1   | 2                                        | 3       | 4       | 5              | 6         | 7         | 8              |
| 1.2 | Bonus to All Staff                       | 11687   | 12607   | 7.87           | 297975    | 335798    | 12.69          |
| 2.  | Employers' Contribution                  | 37093   | 41214   | 11.11          | 1411759   | 1390688   | 1.49           |
| 1.  | Number Of Factories                      | 5491    | 5493    | 0.04           | 129074    | 136353    | 5.64           |
| 2.  | Factories In Operation                   | 4948    | 5076    | 2.59           | 121815    | 129919    | 6.65           |
| 3.  | Fixed Capital                            | 692954  | 739885  | 6.77           | 47333140  | 51234554  | 8.24           |
| 4.  | Physical Working Capital                 | 418902  | 521294  | 24.44          | 20626713  | 24634845  | 19.43          |
| 5.  | Working Capital                          | 233152  | 339462  | 45.60          | 11923101  | 16005396  | 34.24          |
| 6.  | Invested Capital                         | 1111852 | 1261179 | 13.43          | 67959853  | 75869399  | 11.64          |
| 7.  | Gross Value Of Addition To Fixed Capital | 76009   | 110217  | 45.00          | 7735049   | 10164110  | 31.40          |
| 8.  | Rent Paid For Fixed Assets               | 5959    | 5686    | 4.58           | 416084    | 4538845   | 9.07           |
| 9.  | Outstanding Loan                         | 388364  | 455218  | 17.21          | 28977564  | 33463375  | 15.48          |
| 10. | Interest Paid                            | 53558   | 57612   | 7.57           | 3397229   | 3245360   | 4.47           |
| 11. | Rent Received For Fixed Assets           | 1140    | 1636    | 43.51          | 106548    | 114060    | 7.05           |
| 12. | Interest Received                        | 6681    | 9424    | 41.06          | 260947    | 282427    | 8.23           |
| 13. | Gross Value Of Plant & Machinery         | 853845  | 897511  | 5.11           | 55380304  | 61011333  | 10.17          |
| 14. | Value Of Product And By-Product          | 2844757 | 3351811 | 17.82          | 113572196 | 144520293 | 27.25          |
| 15. | Total Output                             | 3183185 | 3611959 | 13.47          | 128738002 | 167256142 | 29.92          |
| 16. | Fuels Consumed                           | 179725  | 200835  | 11.75          | 7371274   | 8585384   | 16.47          |
| 17. | Materials Consumed                       | 2173355 | 2637581 | 21.36          | 79328515  | 102434747 | 29.13          |
| 18. | Total Inputs                             | 2705787 | 3129009 | 15.64          | 103962377 | 136294133 | 31.10          |
| 19. | Gross Value Added                        | 477401  | 482950  | 1.16           | 24775625  | 30962009  | 24.97          |
| 20. | Depreciation                             | 68287   | 76348   | 11.80          | 4482349   | 4971324   | 10.91          |

|     | Characteristics<br>(in lakhs) | Kerala  |         |                | India    |          |                |
|-----|-------------------------------|---------|---------|----------------|----------|----------|----------------|
|     |                               | 2003-04 | 2004-05 | % of variation | 2003-04  | 2004-05  | % of variation |
| 1   | 2                             | 3       | 4       | 5              | 6        | 7        | 8              |
| 21. | Net Value Added               | 409114  | 406601  | -0.61          | 20293276 | 25990686 | 28.08          |
| 22. | Net Fixed Capital Formation   | -11787  | 22900   | 294.28         | 1271031  | 2487672  | 95.72          |
| 23. | Gross Fixed Capital Formation | 56500   | 99249   | 75.66          | 5753380  | 7458995  | 29.64          |
| 24. | Addition in Stock of          | 27991   | 123162  | 340.00         | 1665334  | 3482245  | 109.10         |
| (a) | Materials, Fuels etc.         | 24360   | 74860   | 207.31         | 1318873  | 2377486  | 80.27          |
| (b) | Semi Finished Goods           | -3270   | 23067   | 805.41         | 130864   | 642020   | 390.60         |
| (c) | Finished Goods                | 6901    | 25235   | 265.67         | 215597   | 462739   | 114.63         |
| 25. | Gross Capital Formation       | 84491   | 222411  | 163.24         | 7418713  | 10941240 | 47.48          |
| 26. | Income                        | 349601  | 343303  | -1.80          | 16479964 | 22291481 | 35.26          |
| 27. | Profit                        | 154686  | 132487  | -14.35         | 9234531  | 14460199 | 56.59          |

The table 3.1 shows the growth in Principal Characteristics of factories during 2004-05 over the previous year 2003-04.

Number of employees in the Industrial Sector shows slight variation during the year 2004-05. But employed through contractors' shows 32% increase in Kerala and 16.87% increase in India. Total mandays employed shows 7% increase in both under Kerala and India and wages and salaries increased by 8%. Net value added is decreased by 0.61% in Kerala but at all India level Net Value Added is increased by 28%. Net fixed capital formation and gross fixed capital shows an increase of 94% and 76% in Kerala, and 96% and 30% in India. Two major aspects income and profit shows decrease in Kerala (2%, 14%) but in All India level it is increased by 35% and 57% respectively.

## Chapter IV

### Principal Characteristics by Major Industrial Activity

**Principal Aggregates:-** The distribution of some of the selected aggregates in absolute and percentage terms by the manufacturing and other industrial activity in Kerala covered by the Annual Survey of Industries (ASI) 2004 –2005 is given below

**Table 4.1**

#### Principal characteristics by major economic activity

| Principal characteristics     | Unit        | Manu<br>facturing | Others | All     |
|-------------------------------|-------------|-------------------|--------|---------|
| Factories                     | Number      | 5316              | 177    | 5493    |
|                               | (%)         | 97                | 3      | 100     |
| No. of factories in operation | Number      | 4904              | 172    | 5076    |
|                               | (%)         | 97                | 3      | 100     |
| Fixed Capital                 | Rs in Lakhs | 681542            | 58343  | 739885  |
|                               | (%)         | 92                | 8      | 100     |
| Invested Capital              | Rs in Lakhs | 1195908           | 65271  | 1261179 |
|                               | (%)         | 95                | 5      | 100     |
| Workers                       | Number      | 271159            | 3327   | 274486  |
|                               | (%)         | 99                | 1      | 100     |
| Total Persons Engaged         | Number      | 312955            | 4879   | 317834  |
|                               | (%)         | 98                | 2      | 100     |
| Wages to Workers              | Rs in Lakhs | 207563            | 3254   | 210817  |
|                               | (%)         | 98                | 2      | 100     |
| Input                         | Rs in Lakhs | 3075228           | 53781  | 3129009 |
|                               | (%)         | 98                | 2      | 100     |
| Gross Output                  | Rs in Lakhs | 3542409           | 69550  | 3611959 |
|                               | (%)         | 98                | 2      | 100     |
| Depreciation                  | Rs in Lakhs | 67372             | 8976   | 76348   |
|                               | (%)         | 88                | 12     | 100     |
| Net Value Added               | Rs in Lakhs | 399808            | 6793   | 406601  |
|                               | (%)         | 98                | 2      | 100     |
| Net Income                    | Rs in Lakhs | 340754            | 2549   | 343303  |
|                               | (%)         | 99                | 1      | 100     |

From the above table (4.1) it is seen that the manufacturing sector plays a crucial role in the industrial sector. The undertakings in the manufacturing sector accounted 92% of the total fixed capital during 2004-05 which is Rs.681542 lakhs in absolute figures. Out of 274486 workers employed, 271159 (99%) was in the manufacturing sector. The gross output produced from manufacturing sector valued at Rs.35,42,409 lakhs (98%) during the year. Contribution of the net value added by manufacturing was Rs.399808 lakhs (98%) and the net income of manufacturing sector was Rs.340755 lakhs. The following tables reveals certain important structural and technical coefficients, which are the basic structure of the contribution to economy.

**Table 4.2**

**Structural ratios and Technical coefficients by major Economic Activity**

| Item                        | Unit        | Manufac-<br>turing | Others | All    |
|-----------------------------|-------------|--------------------|--------|--------|
| Fixed Capital per Factory   | Rs in Lakhs | 138.98             | 339.20 | 145.76 |
| Gross Output per Factory    | Rs in Lakhs | 722.35             | 404.36 | 711.58 |
| Net Value Added per Factory | Rs in Lakhs | 81.53              | 39.49  | 80.10  |
| Workers per Factory         | Numbers     | 55.00              | 19.00  | 54.00  |
| Persons Engaged per Factory | Numbers     | 64.00              | 28.00  | 63.00  |

The fixed capital utilized by each factory in case of all activities is Rs. 145.78 lakhs per factory and that under manufacturing sector, which is also forms the major sector, works out to be Rs. 138.98 Lakhs remaining factories clubbed together accounted for Rs. 339.20 lakh value of fixed capital per factory. The net value added per factory is Rs. 81.53 lakhs in the manufacturing sector, Rs. 39.49 lakhs in the other sectors and Rs.80.10 lakhs in the total of both the sectors. The ratio of gross output per factory is Rs. 722.35 lakh in the manufacturing, Rs. 404.36 lakh in other sectors and Rs. 711.58 lakhs in the total of both sectors. Workers per factory is 55 in manufacturing sector, 19 in other sectors and 54 in the total of both sectors. Persons engaged per factory in manufacturing sector is 64 and 28 in other sectors.

**Table 4.3**

| Item                                | Unit         | Manu-<br>facturing | Others | All   |
|-------------------------------------|--------------|--------------------|--------|-------|
| Fixed Capital per Persons Engaged   | Rs. in Lakhs | 2.18               | 11.96  | 2.33  |
| Gross Output per Persons Engaged    | Rs in Lakhs  | 11.32              | 14.26  | 11.36 |
| Net Value Added per Persons Engaged | Rs in Lakhs  | 1.28               | 1.39   | 1.28  |
| Wages per Workers                   | Rs in Lakhs  | 0.77               | 0.98   | 0.77  |

The ratio of fixed capital per person engaged are Rs. 2.33 lakhs for all the sectors where as in the manufacturing sector it is Rs. 2.18 lakhs and in other sectors it is Rs. 11.96 lakhs. Gross output per persons engaged is Rs. 11.36 lakhs for all the sectors whereas in the manufacturing sector it is Rs. 11.32 lakhs and in other sectors it is Rs.14.26 lakhs. Wages per workers is Rs. 77 thousand in the whole sector and manufacturing sector whereas in other sectors it is Rs. 98 thousand.

**Table 4.4**

| Item                                      | Manufacturing | Others | All  |
|-------------------------------------------|---------------|--------|------|
| Ratio of Fixed Capital to Net Value Added | 1.70          | 8.59   | 1.82 |
| Ratio of Fixed Capital to Gross Output    | 0.19          | 0.84   | 0.20 |
| Ratio of Net Value Added to Gross Output  | 0.11          | 0.10   | 0.11 |

Ratio of fixed capital to net value added is 1.82 for all sectors, it is 1.70 for manufacturing sector and 8.59 for other sectors. Ratio of fixed capital to gross output is 0.20 for all sectors, it is 0.19 for manufacturing sector and 0.84 for other sectors. Ratio of net value added to gross output for all sectors manufacturing sector and other sectors are 0.11, 0.11 and 0.10 respectively.

## Chapter V

### Contribution of Kerala

This chapter gives an idea about the contribution of our state in ASI sector. Out of 129919 factories in operation in India, 5076 factories are working in our state (3.91%). These factories together has a total stock of fixed capital worth Rs. 739885 lakhs, which is 1.44% of fixed capital in India. Further these factories provide gainful employment to 253588 employees directly and 20898 employees through contractors. The percentage of women employment in factory sector is comparatively high in Kerala 64.47%. Whereas in India it is 20.36%. These sectors contribute Rs.406601 lakhs by way of Net Value added by manufacturing to the state income.

### Major Contribution of Kerala and India

|       | Characteristic                                            | Kerala | India   | Per-centage |
|-------|-----------------------------------------------------------|--------|---------|-------------|
| A.    | No. of Persons Engaged                                    | 317834 | 8453628 | 3.76        |
| 1.    | Workers                                                   | 274486 | 6599298 | 4.16        |
| 1.1   | Directly employed                                         | 253588 | 4851233 | 5.23        |
|       | Men                                                       | 90106  | 3863691 | 2.33        |
|       | Women                                                     | 163482 | 987497  | 16.56       |
| 1.2   | Employed through Contractors                              | 20898  | 1748065 | 1.20        |
| 2     | Employees Other than workers                              | 41366  | 1783978 | 2.32        |
| 2.1   | Supervisory and Managerial                                | 20685  | 794178  | 2.60        |
| 2.2   | Other employees                                           | 20681  | 989800  | 2.10        |
| 3     | Unpaid Family Members/ proprietor, etc.                   | 1982   | 70351   | 2.82        |
| B.    | Total mandays Employed (in 000)                           | 81004  | 2544598 | 3.18        |
| C.    | Wages & Salaries including Employees Contribution (Lakhs) | 210817 | 7831282 | 2.69        |
| 1.    | Wages & Salaries Including bonus (Lakhs)                  | 169603 | 6440594 | 2.63        |
| 1.1   | Wages and Salaries (Lakhs)                                | 156996 | 6104796 | 2.57        |
| 1.1.1 | Workers (Lakhs)                                           | 105714 | 3363505 | 3.14        |
| 1.1.2 | Supervisory & Managerial                                  | 32996  | 1810322 | 1.82        |
| 1.1.3 | Other Employees                                           | 18286  | 930969  | 1.96        |

|     | Characteristic (Lakhs)                   | Kerala  | India     | %age |
|-----|------------------------------------------|---------|-----------|------|
| 1.2 | Bonus to All Staff                       | 12607   | 335798    | 3.75 |
| 2.  | Employers' Contribution                  | 41214   | 1390688   | 2.96 |
| 1.  | Number Of Factories                      | 5493    | 136353    | 4.03 |
| 2.  | Factories In Operation                   | 5076    | 129919    | 3.91 |
| 3.  | Fixed Capital                            | 739885  | 51234554  | 1.44 |
| 4.  | Physical Working Capital                 | 521294  | 24634845  | 2.12 |
| 5.  | Working Capital                          | 339462  | 16005396  | 2.12 |
| 6.  | Invested Capital                         | 1261179 | 75869399  | 1.66 |
| 7.  | Gross Value Of Addition To Fixed Capital | 110217  | 10164110  | 1.08 |
| 8.  | Rent Paid For Fixed Assets               | 5686    | 453845    | 1.25 |
| 9.  | Outstanding Loan                         | 455218  | 33463375  | 1.36 |
| 10. | Interest Paid                            | 57612   | 3245360   | 1.78 |
| 11. | Rent Received For Fixed Assets           | 1636    | 114060    | 1.43 |
| 12. | Interest Received                        | 9424    | 282427    | 3.34 |
| 13. | Gross Value Of Plant & Machinery         | 897511  | 61011333  | 1.47 |
| 14. | Value Of Product And By-Product          | 3351811 | 144520293 | 2.32 |
| 15. | Total Output                             | 3611959 | 167256142 | 2.16 |
| 16. | Fuels Consumed                           | 200835  | 8585384   | 2.34 |
| 17. | Materials Consumed                       | 2637581 | 102434747 | 2.57 |
| 18. | Total Inputs                             | 3129009 | 136294133 | 2.30 |
| 19. | Gross Value Added                        | 482950  | 30962009  | 1.56 |
| 20. | Depreciation                             | 76348   | 4971324   | 1.54 |
| 21. | Net Value Added                          | 406601  | 25990686  | 1.56 |
| 22. | Net Fixed Capital Formation              | 22900   | 2487672   | 0.92 |
| 23. | Gross Fixed Capital Formation            | 99249   | 7458995   | 1.33 |
|     | Addition in Stock of                     | 123162  | 3482245   | 3.54 |
| (a) | Materials, Fuels, etc.                   | 74860   | 2377486   | 3.15 |
| (b) | Semi Finished Goods                      | 23067   | 642020    | 3.59 |
| (c) | Finished Goods                           | 25235   | 462739    | 5.45 |
|     | Gross Capital Formation                  | 222411  | 10941240  | 2.03 |
|     | Income                                   | 343303  | 22291481  | 1.54 |
|     | Profit                                   | 132487  | 14460199  | 0.92 |

## Chapter VI

### Capital employed, Input, Output and GVA at Industry

Table below gives an idea about the wages and salaries of the employees in industrial sector. Wages per worker is 77,000 rupees per year in manufacturing sector which is same for all industries sector coming under ASI.

National Industry Classification – 98 code wise details of wages, salaries, bonus and employees contribution paid to the workers in manufacturing sector and other sector is given in the following table – 1

**Table 1:- Wages, Salaries and other monetary benefits of employees (Rs. In lakhs)**

| NIC | Wages and salaries |                                  |                 | Bonus to All Staff | Employers' Contribution |
|-----|--------------------|----------------------------------|-----------------|--------------------|-------------------------|
|     | Workers            | Supervisory and Managerial Staff | Other Employees |                    |                         |
| 151 | 1714               | 723                              | 392             | 243                | 538                     |
| 152 | 1484               | 492                              | 249             | 66                 | 389                     |
| 153 | 1255               | 412                              | 284             | 161                | 399                     |
| 154 | 21286              | 1494                             | 1101            | 4188               | 3206                    |
| 155 | 1399               | 665                              | 179             | 112                | 306                     |
| 160 | 4562               | 221                              | 151             | 423                | 653                     |
| 171 | 7079               | 1094                             | 714             | 753                | 2987                    |
| 172 | 1963               | 366                              | 424             | 549                | 602                     |
| 173 | 81                 | 28                               | 32              | 22                 | 31                      |
| 181 | 1420               | 252                              | 71              | 104                | 254                     |
| 191 | 24                 | 9                                | 2               | 2                  | 7                       |
| 192 | 128                | 42                               | 33              | 23                 | 40                      |
| 201 | 469                | 79                               | 29              | 62                 | 97                      |
| 202 | 1054               | 160                              | 104             | 53                 | 272                     |
| 210 | 2533               | 1178                             | 139             | 278                | 1109                    |
| 221 | 2851               | 2319                             | 2901            | 216                | 1937                    |
| 222 | 733                | 152                              | 115             | 83                 | 184                     |
| 223 | 48                 | 23                               | 22              | 3                  | 6                       |
| 231 | 148                | 195                              | 41              | 12                 | 76                      |
| 232 | 4341               | 3185                             | 1223            | 198                | 6649                    |
| 241 | 10549              | 4982                             | 2255            | 1615               | 5797                    |
| 242 | 4137               | 2136                             | 1357            | 504                | 2150                    |

| NIC    | Wages and salaries |                                  |                 | Bonus to All Staff | Employers' Contribution |
|--------|--------------------|----------------------------------|-----------------|--------------------|-------------------------|
|        | Workers            | Supervisory and Managerial Staff | Other Employees |                    |                         |
| 251    | 8798               | 2384                             | 1269            | 1026               | 3419                    |
| 252    | 748                | 324                              | 331             | 115                | 266                     |
| 261    | 426                | 93                               | 43              | 24                 | 83                      |
| 269    | 5559               | 1159                             | 730             | 524                | 1602                    |
| 271    | 1954               | 304                              | 180             | 67                 | 429                     |
| 272    | 989                | 700                              | 91              | 105                | 507                     |
| 273    | 474                | 130                              | 80              | 10                 | 105                     |
| 281    | 351                | 246                              | 71              | 13                 | 201                     |
| 289    | 1052               | 379                              | 152             | 85                 | 344                     |
| 291    | 368                | 255                              | 132             | 17                 | 233                     |
| 292    | 1698               | 937                              | 461             | 52                 | 1172                    |
| 293    | 27                 | 11                               | 4               | 4                  | 12                      |
| 300    | 192                | 216                              | 80              | 10                 | 159                     |
| 311    | 1451               | 770                              | 240             | 34                 | 836                     |
| 312    | 760                | 192                              | 69              | 31                 | 346                     |
| 313    | 433                | 82                               | 13              | 4                  | 137                     |
| 314    | 11                 | 1                                | 1               | 1                  | 3                       |
| 315    | 9                  | 7                                | 2               | 1                  | 4                       |
| 319    | 99                 | 69                               | 44              | 17                 | 66                      |
| 321    | 3517               | 1323                             | 455             | 293                | 1030                    |
| 322    | 390                | 298                              | 185             | 21                 | 173                     |
| 331    | 621                | 337                              | 173             | 91                 | 310                     |
| 342    | 25                 | 5                                | 4               | 0                  | 5                       |
| 343    | 6                  | 2                                | 2               | 1                  | 1                       |
| 351    | 3723               | 1492                             | 1046            | 149                | 1317                    |
| 359    | 493                | 207                              | 104             | 11                 | 172                     |
| 361    | 662                | 173                              | 94              | 50                 | 130                     |
| 369    | 37                 | 30                               | 29              | 8                  | 11                      |
| Others | 1583               | 664                              | 377             | 171                | 455                     |
| Total  | 105714             | 32996                            | 18286           | 12607              | 41214                   |

**Table 2 – Fuels consumed, materials consumed, GVA, NVA etc**

| NIC | Fuels Consumed | Materials Consumed | Total Inputs | Gross Value Added | Depreciation | Net Value Added |
|-----|----------------|--------------------|--------------|-------------------|--------------|-----------------|
| 151 | 4434           | 90492              | 101025       | 11689             | 2719         | 8969            |
| 152 | 1665           | 47106              | 171613       | 5321              | 726          | 4594            |
| 153 | 2641           | 61775              | 83801        | 6206              | 1613         | 4593            |
| 154 | 6073           | 277885             | 133059       | 47242             | 3183         | 44059           |
| 155 | 1256           | 28582              | 17562        | 1218              | 2170         | 952             |
| 160 | 24             | 663                | 5034         | 6184              | 31           | 6152            |
| 171 | 10812          | 52085              | 76074        | 17721             | 3696         | 14026           |
| 172 | 1445           | 34794              | 12907        | 9501              | 2107         | 7394            |
| 173 | 169            | 479                | 787          | 218               | 164          | 54              |
| 181 | 206            | 6913               | 8414         | 3358              | 188          | 3170            |
| 191 | 15             | 678                | 745          | 95                | 38           | 57              |
| 192 | 211            | 2308               | 3869         | 517               | 132          | 385             |
| 201 | 202            | 4719               | 5274         | 1117              | 65           | 1052            |
| 202 | 1027           | 9738               | 11868        | 1835              | 674          | 1161            |
| 210 | 9945           | 23983              | 37517        | 9240              | 2002         | 7238            |
| 221 | 1354           | 33016              | 15083        | 18145             | 3829         | 14316           |
| 222 | 171            | 3295               | 8201         | 2513              | 412          | 2101            |
| 223 | 72             | 58                 | 2698         | 902               | 106          | 795             |
| 231 | 113            | 7976               | 8613         | 4078              | 451          | 3627            |
| 232 | 53529          | 1263384            | 1328630      | 133383            | 14110        | 119274          |
| 241 | 37645          | 157540             | 205058       | 34495             | 8731         | 25764           |
| 242 | 4888           | 64770              | 81970        | 28770             | 2908         | 25862           |
| 251 | 15756          | 207931             | 242955       | 36971             | 4541         | 32430           |
| 252 | 1474           | 17423              | 21175        | 4088              | 1093         | 2994            |
| 261 | 2140           | 2723               | 5112         | 1374              | 217          | 1156            |
| 269 | 14239          | 20434              | 40457        | 20243             | 2669         | 17574           |

| NIC    | Fuels Consumed | Materials Consumed | Total Inputs | Gross Value Added | Depreciation | Net Value Added |
|--------|----------------|--------------------|--------------|-------------------|--------------|-----------------|
| 271    | 16370          | 59506              | 84649        | 4386              | 1394         | 2992            |
| 272    | 4067           | 17590              | 24244        | 2178              | 969          | 1209            |
| 273    | 1730           | 4587               | 6679         | 940               | 104          | 836             |
| 281    | 183            | 2244               | 4143         | 645               | 103          | 542             |
| 289    | 1003           | 12206              | 15301        | 299               | 537          | 2453            |
| 291    | 87             | 3595               | 4382         | 1702              | 83           | 1619            |
| 292    | 555            | 10533              | 14463        | 5340              | 469          | 4871            |
| 293    | 13             | 1352               | 1485         | 13                | 26           | 13              |
| 300    | 25             | 1364               | 2218         | 901               | 49           | 852             |
| 311    | 397            | 11415              | 12918        | 3914              | 274          | 3639            |
| 312    | 151            | 2885               | 3550         | 1521              | 161          | 1360            |
| 313    | 175            | 4107               | 1510         | 440               | 97           | 343             |
| 314    | 16             | 80                 | 105          | 25                | 5            | 20              |
| 315    | 4              | 137                | 3171         | 62                | 14           | 48              |
| 319    | 27             | 637                | 1326         | 491               | 28           | 463             |
| 321    | 1284           | 39256              | 46661        | 18107             | 1772         | 16335           |
| 322    | 506            | 4679               | 9426         | 3120              | 485          | 2636            |
| 331    | 236            | 7814               | 12226        | 3755              | 445          | 3310            |
| 342    | 6              | 64                 | 140          | 58                | 10           | 47              |
| 343    | 12             | 25                 | 50           | 19                | 7            | 12              |
| 351    | 943            | 14035              | 20700        | 6684              | 673          | 6011            |
| 359    | 145            | 3360               | 4242         | 1345              | 257          | 1087            |
| 361    | 663            | 8729               | 10664        | 1825              | 729          | 1036            |
| 369    | 33             | 341                | 470          | 295               | 40           | 256             |
| Others | 697            | 6290               | 53781        | 15769             | 8976         | 6793            |
| Total  | 200835         | 2637581            | 3129009      | 482950            | 76348        | 406601          |

**Table 3- Rent, Loan, Interest, Gross value of plant and machinery etc**

| NIC | Rent Paid For<br>Fixed Assets | Outstanding<br>Loan | Interest Paid | Rent Received<br>For Fixed<br>Assets | Interest<br>Received | Gross Value Of<br>Plant &<br>Machinery | Value Of<br>Product And<br>By-Product | Total Output |
|-----|-------------------------------|---------------------|---------------|--------------------------------------|----------------------|----------------------------------------|---------------------------------------|--------------|
| 151 | 162                           | 16181               | 2420          | 9                                    | 642                  | 14853                                  | 105604                                | 112714       |
| 152 | 25                            | 8380                | 959           | 3                                    | 4                    | 2706                                   | 55322                                 | 56934        |
| 153 | 78                            | 8720                | 2173          | 19                                   | 139                  | 9363                                   | 72388                                 | 90007        |
| 154 | 698                           | 34233               | 3868          | 106                                  | 85                   | 12505                                  | 350141                                | 380301       |
| 155 | 25                            | 6773                | 1202          | 121                                  | 28                   | 15382                                  | 36970                                 | 38780        |
| 160 | 20                            | 37                  | 10            | 2                                    | 0                    | 0                                      | 3829                                  | 12218        |
| 171 | 133                           | 49270               | 6683          | 269                                  | 1148                 | 50828                                  | 86417                                 | 93795        |
| 172 | 44                            | 6388                | 1065          | 28                                   | 145                  | 8805                                   | 50454                                 | 52408        |
| 173 | 4                             | 1416                | 15            | 0                                    | 0                    | 1376                                   | 335                                   | 1005         |
| 181 | 75                            | 1188                | 167           | 0                                    | 0                    | 1406                                   | 10467                                 | 11772        |
| 191 | 5                             | 289                 | 40            | 0                                    | 0                    | 91                                     | 822                                   | 840          |
| 192 | 8                             | 534                 | 71            | 1                                    | 1                    | 255                                    | 3144                                  | 3386         |
| 201 | 38                            | 460                 | 88            | 3                                    | 14                   | 12                                     | 5955                                  | 6391         |
| 202 | 47                            | 4507                | 939           | 31                                   | 6                    | 5133                                   | 12896                                 | 13703        |
| 210 | 55                            | 10159               | 1137          | 33                                   | 119                  | 44383                                  | 45815                                 | 46757        |
| 221 | 416                           | 11598               | 1248          | 38                                   | 23                   | 30157                                  | 40900                                 | 63228        |
| 222 | 25                            | 4264                | 354           | 2                                    | 8                    | 3262                                   | 3767                                  | 10714        |
| 223 | 0                             | 0                   | 0             | 0                                    | 0                    | 0                                      | 0                                     | 3600         |
| 231 | 91                            | 957                 | 314           | 0                                    | 21                   | 7959                                   | 12662                                 | 12691        |
| 232 | 968                           | 31621               | 4465          | 108                                  | 4932                 | 244250                                 | 1459916                               | 1462013      |
| 241 | 260                           | 75345               | 9277          | 186                                  | 899                  | 155967                                 | 238227                                | 239553       |
| 242 | 206                           | 13065               | 1643          | 150                                  | 168                  | 23539                                  | 102187                                | 110740       |
| 251 | 233                           | 13377               | 1146          | 220                                  | 303                  | 59099                                  | 254580                                | 279927       |
| 252 | 38                            | 4549                | 496           | 21                                   | 10                   | 4832                                   | 24127                                 | 25263        |
| 261 | 7                             | 1676                | 312           | 0                                    | 37                   | 4384                                   | 6472                                  | 6486         |
| 269 | 556                           | 19408               | 1153          | 121                                  | 185                  | 31277                                  | 58392                                 | 60700        |

| NIC    | Rent Paid For<br>Fixed Assets | Outstanding<br>Loan | Interest Paid | Rent Received<br>For Fixed<br>Assets | Interest<br>Received | Gross Value Of<br>Plant &<br>Machinery | Value Of<br>Product And<br>By-Product | Total Output |
|--------|-------------------------------|---------------------|---------------|--------------------------------------|----------------------|----------------------------------------|---------------------------------------|--------------|
| 271    | 56                            | 15841               | 1043          | 11                                   | 104                  | 11632                                  | 80313                                 | 89035        |
| 272    | 11                            | 5523                | 264           | 1                                    | 217                  | 21119                                  | 26008                                 | 26422        |
| 273    | 1                             | 8153                | 95            | 0                                    | 12                   | 2736                                   | 7400                                  | 7619         |
| 281    | 7                             | 673                 | 271           | 0                                    | 0                    | 412                                    | 2553                                  | 4788         |
| 289    | 180                           | 3269                | 223           | 22                                   | 7                    | 4220                                   | 14601                                 | 18292        |
| 291    | 4                             | 46                  | 45            | 8                                    | 6                    | 1057                                   | 5749                                  | 6084         |
| 292    | 21                            | 7092                | 832           | 3                                    | 8                    | 4118                                   | 17167                                 | 19803        |
| 293    | 1                             | 213                 | 12            | 0                                    | 0                    | 4                                      | 1488                                  | 1498         |
| 300    | 49                            | 879                 | 536           | 0                                    | 1                    | 345                                    | 1938                                  | 3119         |
| 311    | 25                            | 5381                | 743           | 1                                    | 4                    | 2919                                   | 16500                                 | 16832        |
| 312    | 3                             | 68                  | 106           | 0                                    | 0                    | 1709                                   | 4862                                  | 5071         |
| 313    | 3                             | 1290                | 331           | 0                                    | 7                    | 4525                                   | 4929                                  | 4950         |
| 314    | 0                             | 14                  | 3             | 0                                    | 0                    | 99                                     | 127                                   | 130          |
| 315    | 0                             | 49                  | 7             | 1                                    | 0                    | 32                                     | 227                                   | 233          |
| 319    | 3                             | 1165                | 323           | 2                                    | 0                    | 380                                    | 1000                                  | 1817         |
| 321    | 97                            | 4348                | 3896          | 2                                    | 32                   | 21920                                  | 59113                                 | 64768        |
| 322    | 126                           | 8104                | 2609          | 0                                    | 7                    | 4328                                   | 10276                                 | 12546        |
| 331    | 97                            | 958                 | 62            | 2                                    | 12                   | 3568                                   | 12955                                 | 15981        |
| 342    | 1                             | 78                  | 2             | 0                                    | 0                    | 10                                     | 102                                   | 198          |
| 343    | 2                             | 29                  | 1             | 0                                    | 0                    | 43                                     | 58                                    | 69           |
| 351    | 70                            | 7212                | 428           | 103                                  | 0                    | 10933                                  | 8362                                  | 27384        |
| 359    | 11                            | 1892                | 3             | 3                                    | 13                   | 4195                                   | 4367                                  | 5588         |
| 361    | 47                            | 8020                | 868           | 2                                    | 6                    | 3836                                   | 11586                                 | 12489        |
| 369    | 8                             | 1133                | 70            | 6                                    | 35                   | 245                                    | 582                                   | 1765         |
| Others | 649                           | 49394               | 3597          | 0                                    | 29                   | 61301                                  | 17760                                 | 69550        |
| Total  | 5686                          | 455218              | 57612         | 1636                                 | 9424                 | 897511                                 | 3351811                               | 3611959      |

**Table 4: Number of workers**

| NIC | Number of Factories |                           | Persons engaged   |        |          |                        |                                         |                    |                                             |        |
|-----|---------------------|---------------------------|-------------------|--------|----------|------------------------|-----------------------------------------|--------------------|---------------------------------------------|--------|
|     | Total<br>Factories  | Factories in<br>operation | Directly Employed |        |          | Through<br>contractors | Supervisory and<br>Manage-rial<br>Staff | Other<br>Employees | Unpaid family<br>members and<br>proprietors | Total  |
|     |                     |                           | Men               | Women  | Children |                        |                                         |                    |                                             |        |
| 1   | 2                   | 3                         | 4                 | 5      | 6        | 7                      | 8                                       | 9                  | 10                                          | 11     |
| 151 | 179                 | 149                       | 1557              | 1467   | 0        | 1695                   | 729                                     | 885                | 40                                          | 6372   |
| 152 | 49                  | 49                        | 1670              | 154    | 0        | 157                    | 413                                     | 362                | 10                                          | 2766   |
| 153 | 122                 | 113                       | 2017              | 161    | 0        | 296                    | 409                                     | 486                | 36                                          | 3404   |
| 154 | 674                 | 640                       | 8430              | 120755 | 0        | 1013                   | 2892                                    | 3354               | 280                                         | 136724 |
| 155 | 35                  | 32                        | 893               | 376    | 0        | 893                    | 353                                     | 250                | 4                                           | 2769   |
| 160 | 791                 | 781                       | 5607              | 18135  | 0        | 2998                   | 602                                     | 312                | 286                                         | 27939  |
| 171 | 216                 | 203                       | 8551              | 5331   | 0        | 515                    | 920                                     | 1194               | 31                                          | 16541  |
| 172 | 182                 | 162                       | 4400              | 1513   | 0        | 438                    | 550                                     | 997                | 63                                          | 7961   |
| 173 | 4                   | 4                         | 127               | 114    | 0        | 0                      | 38                                      | 52                 | 1                                           | 332    |
| 181 | 31                  | 31                        | 778               | 3081   | 0        | 0                      | 179                                     | 166                | 8                                           | 4212   |
| 191 | 5                   | 5                         | 78                | 26     | 0        | 0                      | 15                                      | 8                  | 0                                           | 127    |
| 192 | 67                  | 53                        | 322               | 106    | 0        | 38                     | 67                                      | 106                | 14                                          | 653    |
| 201 | 334                 | 283                       | 1095              | 1295   | 0        | 108                    | 212                                     | 109                | 179                                         | 2997   |
| 202 | 245                 | 228                       | 1844              | 692    | 0        | 189                    | 330                                     | 241                | 71                                          | 3366   |
| 210 | 87                  | 83                        | 2142              | 506    | 0        | 291                    | 469                                     | 224                | 36                                          | 3668   |
| 221 | 50                  | 50                        | 2797              | 72     | 0        | 9                      | 646                                     | 1773               | 6                                           | 5304   |

| NIC | Number of Factories |                        | Persons engaged   |       |          |                     |                                  |                 |                                       |       |
|-----|---------------------|------------------------|-------------------|-------|----------|---------------------|----------------------------------|-----------------|---------------------------------------|-------|
|     |                     |                        | Directly Employed |       |          | Through contractors | Supervisory and Managerial Staff | Other Employees | Unpaid family members and proprietors | Total |
|     | Total Factories     | Factories in operation | Men               | Women | Children |                     |                                  |                 |                                       |       |
| 1   | 2                   | 3                      | 4                 | 5     | 6        | 7                   | 8                                | 9               | 10                                    | 11    |
| 222 | 76                  | 70                     | 831               | 251   | 0        | 60                  | 197                              | 200             | 40                                    | 1580  |
| 223 | 5                   | 5                      | 127               | 0     | 0        | 0                   | 11                               | 21              | 0                                     | 159   |
| 231 | 3                   | 3                      | 58                | 0     | 0        | 29                  | 90                               | 18              | 0                                     | 196   |
| 232 | 13                  | 13                     | 1210              | 2     | 0        | 1492                | 594                              | 374             | 0                                     | 3672  |
| 241 | 62                  | 58                     | 4392              | 55    | 0        | 497                 | 1393                             | 972             | 5                                     | 7314  |
| 242 | 164                 | 164                    | 3967              | 1713  | 0        | 559                 | 1367                             | 1392            | 42                                    | 9040  |
| 251 | 305                 | 280                    | 8683              | 1329  | 0        | 603                 | 1805                             | 1647            | 73                                    | 14139 |
| 252 | 115                 | 110                    | 1098              | 323   | 0        | 238                 | 285                              | 407             | 23                                    | 2375  |
| 261 | 5                   | 4                      | 537               | 28    | 0        | 31                  | 55                               | 33              | 3                                     | 687   |
| 269 | 883                 | 767                    | 8448              | 3535  | 0        | 968                 | 1109                             | 904             | 508                                   | 15470 |
| 271 | 78                  | 63                     | 1960              | 53    | 0        | 2028                | 245                              | 288             | 14                                    | 4587  |
| 272 | 13                  | 11                     | 600               | 1     | 0        | 115                 | 204                              | 71              | 4                                     | 995   |
| 273 | 9                   | 9                      | 286               | 1     | 0        | 311                 | 70                               | 48              | 1                                     | 717   |
| 281 | 35                  | 35                     | 458               | 4     | 0        | 150                 | 167                              | 156             | 13                                    | 948   |
| 289 | 103                 | 103                    | 1145              | 122   | 0        | 486                 | 275                              | 259             | 20                                    | 2307  |
| 291 | 14                  | 15                     | 304               | 6     | 0        | 0                   | 158                              | 52              | 2                                     | 522   |
| 292 | 68                  | 69                     | 2081              | 18    | 0        | 19                  | 529                              | 355             | 82                                    | 3083  |
| 293 | 8                   | 8                      | 68                | 33    | 0        | 0                   | 18                               | 8               | 3                                     | 129   |
| 300 | 3                   | 3                      | 214               | 73    | 0        | 17                  | 175                              | 88              | 0                                     | 567   |

| NIC    | Number of Factories |                        | Persons engaged   |        |          |                     |                                   |                 |                                       |        |
|--------|---------------------|------------------------|-------------------|--------|----------|---------------------|-----------------------------------|-----------------|---------------------------------------|--------|
|        |                     |                        | Directly Employed |        |          | Through contractors | Supervisory and Manage-rial Staff | Other Employees | Unpaid family members and proprietors | Total  |
|        | Total Factories     | Factories in operation | Men               | Women  | Children |                     |                                   |                 |                                       |        |
| 1      | 2                   | 3                      | 4                 | 5      | 6        | 7                   | 8                                 | 9               | 10                                    | 11     |
| 311    | 27                  | 18                     | 1346              | 152    | 0        | 0                   | 358                               | 212             | 0                                     | 2069   |
| 312    | 36                  | 31                     | 953               | 243    | 0        | 18                  | 191                               | 120             | 10                                    | 1535   |
| 313    | 6                   | 6                      | 475               | 47     | 0        | 0                   | 67                                | 42              | 1                                     | 632    |
| 314    | 4                   | 3                      | 25                | 9      | 0        | 0                   | 2                                 | 3               | 1                                     | 40     |
| 315    | 4                   | 3                      | 17                | 19     | 0        | 0                   | 10                                | 7               | 0                                     | 53     |
| 319    | 9                   | 9                      | 120               | 49     | 0        | 0                   | 50                                | 39              | 0                                     | 259    |
| 321    | 30                  | 30                     | 1695              | 1060   | 0        | 2356                | 571                               | 426             | 1                                     | 6110   |
| 322    | 9                   | 6                      | 188               | 188    | 0        | 8                   | 144                               | 99              | 3                                     | 630    |
| 331    | 19                  | 16                     | 518               | 199    | 0        | 135                 | 197                               | 207             | 3                                     | 1258   |
| 342    | 11                  | 10                     | 37                | 0      | 0        | 47                  | 11                                | 18              | 6                                     | 119    |
| 343    | 3                   | 3                      | 20                | 12     | 0        | 0                   | 3                                 | 4               | 1                                     | 40     |
| 351    | 10                  | 10                     | 1196              | 6      | 0        | 1230                | 426                               | 449             | 3                                     | 3310   |
| 359    | 5                   | 5                      | 461               | 10     | 0        | 22                  | 103                               | 118             | 1                                     | 715    |
| 361    | 88                  | 81                     | 1408              | 46     | 0        | 380                 | 213                               | 222             | 25                                    | 2294   |
| 369    | 22                  | 17                     | 63                | 55     | 0        | 0                   | 44                                | 97              | 9                                     | 269    |
| Others | 177                 | 172                    | 2811              | 57     | 0        | 459                 | 724                               | 807             | 22                                    | 4879   |
| Total  | 5493                | 5076                   | 90106             | 163482 | 0        | 20898               | 20685                             | 20681           | 1982                                  | 317834 |

## Principal Characteristics of Major Industrial activities in last 5 years

The table below gives an idea about the growth of Industrial Sector in Kerala during last five years. The number of factories in the year 2004-05 shows an increase of 13.37% as compared with the year 1999-2000. The increase in fixed capital is 17.21% and invested capital is 27.15%. The number of workers in the industrial sector shows 6.48% increase but the wages to workers increased considerably (126.79%). Total input shows an increase of 51.04%. But the increase in Net Value addition is 12.02% only.

### Principal Characteristics of Major Industrial Activities for the years 1999-2000 & 2004-05

| Sl. No | Factors               | Unit  | 1999-2000 | 2004-05 | % of Increase |
|--------|-----------------------|-------|-----------|---------|---------------|
| 1.     | Factories             | Nos.  | 4845      | 5493    | 13.37         |
| 2.     | Fixed Capital         | Lakhs | 631256    | 739885  | 17.21         |
| 3.     | Invested Capital      | "     | 991837    | 1261179 | 27.15         |
| 4.     | Workers               | Nos.  | 257790    | 274486  | 6.48          |
| 5.     | Total Persons Engaged | "     | 303286    | 317834  | 4.80          |
| 6.     | Wages to workers      | Lakhs | 92957     | 210817  | 126.79        |
| 7.     | Input                 | "     | 2071666   | 3129009 | 51.04         |
| 8.     | Gross output          | "     | 2486296   | 3611959 | 45.27         |
| 9.     | Depreciation          | "     | 51650     | 76348   | 47.82         |
| 10.    | Net value added       | "     | 362980    | 406601  | 12.02         |

## ANNEXURE - 1

### NATIONAL INDUSTRIAL CLASSIFICATION

|                                                                                                                                                     |                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DIVISION 15: Manufacture of Food Products and Beverages</b>                                                                                      |                                                                                                                                                                                                       |
| 151                                                                                                                                                 | Production, Processing and Preservation of Meat, Fish, Fruit Vegetables, Oils and Fats.                                                                                                               |
| 152                                                                                                                                                 | Manufacture of Dairy Product [Production of Raw Milk is Classified in Class 0121]                                                                                                                     |
| 153                                                                                                                                                 | Manufacture of Grain Mill Products, Starches and Starch Products, and Prepared Animal Feeds                                                                                                           |
| 154                                                                                                                                                 | Manufacture of other Food Products                                                                                                                                                                    |
| 155                                                                                                                                                 | Manufacture of Beverages                                                                                                                                                                              |
| <b>DIVISION 16: Manufacture Of Tobacco Products</b>                                                                                                 |                                                                                                                                                                                                       |
| 160                                                                                                                                                 | Manufacture of Tobacco Products [Tobacco Related Products are also included While Preliminary Processing of Tobacco Leaves is Classified in Class 0111]                                               |
| <b>DIVISION: 17: Manufacture Of Textiles</b>                                                                                                        |                                                                                                                                                                                                       |
| 171                                                                                                                                                 | Spinning, Weaving and Finishing of Textiles.                                                                                                                                                          |
| 172                                                                                                                                                 | Manufacture of Other Textiles                                                                                                                                                                         |
| 173                                                                                                                                                 | Manufacture of Knitted and Crocheted Fabrics and Articles                                                                                                                                             |
| <b>DIVISION: 18: Manufacture of Wearing Apparel; Dressing and Dyeing of Fur</b>                                                                     |                                                                                                                                                                                                       |
| 181                                                                                                                                                 | Manufacture of Wearing Apparel, Except Fur Apparel [This Class Includes Manufacture of Wearing Apparel made of material not made in the same Unit. Both Regular and Contract Activities are included] |
| 182                                                                                                                                                 | Dressing and Dyeing of Fur; Manufacture of Articles of Fur                                                                                                                                            |
| <b>DIVISION 19: Tanning And Dressing of Leather Manufacture of Luggage, Handbags, Saddlery, Harness and Footwear</b>                                |                                                                                                                                                                                                       |
| 191                                                                                                                                                 | Tanning and Dressing of Leather, Manufacture of Luggage Handbags, Saddlery & Harness.                                                                                                                 |
| 192                                                                                                                                                 | Manufacture of Footwear.                                                                                                                                                                              |
| <b>DIVISION 20 : Manufacture of Wood and of Products of Wood and Cork, Except Furniture; Manufacture of Articles of Straw and Plating Materials</b> |                                                                                                                                                                                                       |
| 201                                                                                                                                                 | Saw Milling and Planning of Wood                                                                                                                                                                      |
| 202                                                                                                                                                 | Manufacture of Products of Wood, Cork, Straw and Plating Materials                                                                                                                                    |
| <b>DIVISION: 21: Manufacture of Paper and Paper Products</b>                                                                                        |                                                                                                                                                                                                       |
| 210                                                                                                                                                 | Manufacture of Paper and Paper Product                                                                                                                                                                |

|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DIVISION 22: Publishing, Printing and Reproduction of Recorded Media</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 221                                                                                  | Publishing [this group includes publishing whether or not connected with Publishing. publishing involves financial, technical, artistic, legal and marketing activities, among others but not predominantly]                                                                                                                                                                                                                                        |
| 222                                                                                  | Printing and Service Activities Related to Printing                                                                                                                                                                                                                                                                                                                                                                                                 |
| 223                                                                                  | Reproduction of Recorded Media [This class includes Reproduction of Records, Audio, Video and Computer Tapes from Master Copies, Reproduction of Floppy, Hard or Compact Disks, Reproduction of Non-Customized Software and Film Duplicating]                                                                                                                                                                                                       |
| <b>DIVISION 23: Manufacture Of Coke, Refined Petroleum Products And Nuclear Fuel</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 231                                                                                  | Manufacture of Coke Oven Products [This Class includes the Operation of Coke Ovens Chiefly for The Production of Coke or Semi-Coke From Hard Coal and Lignite, Retort Carbon and Residual Products Such as Coal Tar or Pitch. Agglomeration of Coke. Distillation of Coal Tar is Classified in Class 2411.]                                                                                                                                         |
| 232                                                                                  | Manufacture of Refined Petroleum Products                                                                                                                                                                                                                                                                                                                                                                                                           |
| 233                                                                                  | Processing of Nuclear Fuel [Includes Extraction of Uranium Metal From Pitchblende Or Other Uranium Bearing Ores; Manufacture of Alloys, Dispersions Or Mixtures of Natural Uranium Or Its Compounds; Manufacture of Enriched Uranium and its Compounds; Plutonium and its Compounds; Uranium Depleted in U 235 And Its Compounds; Other Radioactive Elements, Isotopes or Compounds; and, Non-Irradiated Fuel Elements for use in Nuclear Reactors] |
| <b>DIVISION: 24: Manufacture of Chemicals and Chemical Products</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 241                                                                                  | Manufacture of Basic Chemicals                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 242                                                                                  | Manufacture of Other Chemical Products                                                                                                                                                                                                                                                                                                                                                                                                              |
| 243                                                                                  | Manufacture of Man-Made Fibers [This Class Includes Manufacture Of Artificial Or Synthetic Filament And Non-Filament Fibers.]                                                                                                                                                                                                                                                                                                                       |
| <b>DIVISION 25 : Manufacture Of Rubber And Plastic Products</b>                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 251                                                                                  | Manufacture of Rubber Products                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 252                                                                                  | Manufacture of Plastic Products                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>DIVISION 26: Manufacture of Other Non-Metallic Mineral Products</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 261                                                                                  | Manufacture of Glass and Glass Products                                                                                                                                                                                                                                                                                                                                                                                                             |
| 269                                                                                  | Manufacture of Non-Metallic Mineral Products N.E.C.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>DIVISION 27: Manufacture of Basic Metals</b>                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 271                                                                                  | Manufacture of Basic Iron & Steel                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 272                                                                                  | Manufacture of Basic Precious And Non-Ferrous Metals                                                                                                                                                                                                                                                                                                                                                                                                |
| 273                                                                                  | Casting of Metals [This Group includes Casting Finished or Semi-Finished Products Producing a Variety of Goods, All characteristic of other activity classes]                                                                                                                                                                                                                                                                                       |

|                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DIVISION 28: Manufacture of Fabricated Metal Products, Except Machinery And Equipments</b>  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 281                                                                                            | Manufacture Of Structural Metal Products, Tanks, Reservoirs And Steam Generators                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 289                                                                                            | Manufacture Of Other Fabricated Metal Products; Metal Working Service Activities                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>DIVISION 29: Manufacture Of Machinery And Equipment N.E.C</b>                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 291                                                                                            | Manufacture Of General Purpose Machinery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 292                                                                                            | Manufacture Of Special Purpose Machinery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 293                                                                                            | Manufacture Of Domestic Appliances, NEC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>DIVISION 30: Manufacture Of Office, Accounting And Computing Machinery</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 300                                                                                            | Manufacture Of Office, Accounting And Computing Machinery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>DIVISION 31: Manufacture Of Electrical Machinery And Apparatus N.E.C.</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 311                                                                                            | Manufacture Of Electric Motors, Generators And Transformers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 312                                                                                            | Manufacture Of Electricity Distribution And Control Apparatus [Electrical Apparatus For Switching Or Protecting Electrical Circuits (E.G. Switches, Fuses, Voltage Limiters, Surge Suppressors, Junction Boxes Etc.) For A Voltage Exceeding 1000 Volts; Similar Apparatus (Including Relays, Sockets Etc.) For A Voltage Not Exceeding 1000 Volts; Boards, Panels, Consoles, Cabinets And Other Bases Equipped With Two Or More Of The Above Apparatus For Electricity Control Or Distribution Of Electricity Including Power Capacitors.] |
| 313                                                                                            | Manufacture Of Insulated Wire And Cable [Insulated (Including Enamelled Or Anodized) Wire, Cable (Including Coaxial Cable) And Other Insulated Conductors; Insulated Strip As Is Used In Large Capacity Machines Or Control Equipment; And Optical Fibre Cables]                                                                                                                                                                                                                                                                            |
| 314                                                                                            | Manufacture Of Accumulators, Primary Cells And Primary Batteries                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 315                                                                                            | Manufacture Of Electric Lamps And Lighting Equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 319                                                                                            | Manufacture Of Other Electrical Equipment N.E.C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>DIVISION 32: Manufacture Of Radio, Television And Communication Equipment And Apparatus</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 321                                                                                            | Manufacture Of Electronic Valves And Tubes And Other Electronic Components                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 322                                                                                            | Manufacture Of Television And Radio Transmitters And Apparatus For Line Telephony And Line Telegraphy                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 323                                                                                            | Manufacture Of Television And Radio Receivers, Sound Or Video Recording Or Reproducing Apparatus, And Associated Goods                                                                                                                                                                                                                                                                                                                                                                                                                      |

**DIVISION 33: Manufacture Of Medical, Precision And Optical Instruments, Watches And Clocks**

|     |                                                                                                                                                             |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 331 | Manufacture Of Medical Appliances And Instruments And Appliances For Measuring, Checking, Testing, Navigating And Other Purposes Except Optical Instruments |
| 332 | Manufacture Of Optical Instruments And Photographic Equipment                                                                                               |
| 333 | Manufacture Of Watches And Clocks                                                                                                                           |

**DIVISION 34: Manufacture Of Motor Vehicles, Trailers And Semi-Trailers**

|     |                                                                                                                                                                                                                                                                                            |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 341 | Manufacture Of Motor Vehicles                                                                                                                                                                                                                                                              |
| 342 | Manufacture Of Bodies (Coach Work) For Motor Vehicles; Manufacture Of Trailers And Semi-Trailers                                                                                                                                                                                           |
| 343 | Manufacture Of Parts And Accessories For Motor Vehicles And Their Engines [Brakes, Gear Boxes, Axles, Road Wheels, Suspension Shock Absorbers, Radiators, Silencers, Exhaust Pipes, Clutches, Steering Wheels, Steering Columns And Steering Boxes And Other Parts And Accessories N.E.C.] |

**DIVISION 35: Manufacture Of Other Transport Equipment**

|     |                                                                  |
|-----|------------------------------------------------------------------|
| 351 | Building And Repair Of Ships & Boats                             |
| 352 | Manufacture Of Railway And Tramway Locomotives And Rolling Stock |
| 353 | Manufacture Of Aircraft And Spacecraft                           |
| 359 | Manufacture Of Transport Equipment N.E.C.                        |

**DIVISION 36: Manufacture Of Furniture; Manufacturing N.E.C**

|     |                          |
|-----|--------------------------|
| 361 | Manufacture Of Furniture |
| 369 | Manufacturing N.E.C.     |



## **ANNEXURE – II**

### **ASI DATA – KERALA**



**Capital Employed, Input, Output and GVA at Industry (NIC 04-3 Digit) by State**  
(Value in rs. Lakh, Others in Numbers)

Kerala

|    | Characteristics                          | All     | 151    | 152   | 153   | 154    | 155   | 160   | 171   | 172   | 173  |
|----|------------------------------------------|---------|--------|-------|-------|--------|-------|-------|-------|-------|------|
| 1  | Number Of Factories                      | 5493    | 179    | 49    | 122   | 674    | 35    | 791   | 216   | 182   | 4    |
| 2  | Factories In Operation                   | 5076    | 149    | 49    | 113   | 640    | 32    | 781   | 203   | 162   | 4    |
| 3  | Fixed Capital                            | 739885  | 21097  | 8087  | 15203 | 26042  | 24133 | 392   | 42602 | 16138 | 783  |
| 4  | Physical Working Capital                 | 521294  | 18234  | 1553  | 12209 | 67672  | 7549  | 889   | 23555 | 11356 | 116  |
| 5  | Working Capital                          | 339462  | 15234  | 2291  | 3280  | 33047  | 611   | 542   | 7274  | 7663  | 122  |
| 6  | Invested Capital                         | 1261179 | 39331  | 9640  | 27413 | 93714  | 31682 | 1281  | 66156 | 27494 | 899  |
| 7  | Gross Value Of Addition To Fixed Capital | 110217  | 2730   | 784   | 2022  | 3703   | 1464  | 2     | 3864  | 4217  | 24   |
| 8  | Rent Paid For Fixed Assets               | 5686    | 162    | 25    | 78    | 698    | 25    | 20    | 133   | 44    | 4    |
| 9  | Outstanding Loan                         | 455218  | 16181  | 8380  | 8720  | 34233  | 6773  | 37    | 49270 | 6388  | 1416 |
| 10 | Interest Paid                            | 57612   | 2420   | 959   | 2173  | 3868   | 1202  | 10    | 6683  | 1065  | 15   |
| 11 | Rent Received For Fixed Assets           | 1636    | 9      | 3     | 19    | 106    | 121   | 2     | 269   | 28    | 0    |
| 12 | Interest Received                        | 9424    | 642    | 4     | 139   | 85     | 28    | 0     | 1148  | 145   | 0    |
| 13 | Gross Value Of Plant & Machinery         | 897511  | 14853  | 2706  | 9363  | 12505  | 15382 | 0     | 50828 | 8805  | 1376 |
| 14 | Value Of Product And By-Product          | 3351811 | 105604 | 55322 | 72388 | 350141 | 36970 | 3829  | 86417 | 50454 | 335  |
| 15 | Total Output                             | 3611959 | 112714 | 56934 | 90007 | 380301 | 38780 | 12218 | 93795 | 52408 | 1005 |

|    | Characteristics               | All     | 151    | 152   | 153   | 154    | 155   | 160  | 171   | 172   | 173  |
|----|-------------------------------|---------|--------|-------|-------|--------|-------|------|-------|-------|------|
| 16 | Fuels Consumed                | 200835  | 4434   | 1665  | 2641  | 6073   | 1256  | 24   | 10812 | 1445  | 169  |
| 17 | Materials Consumed            | 2637581 | 90492  | 47106 | 61775 | 277885 | 28582 | 663  | 52085 | 34794 | 479  |
| 18 | Total Inputs                  | 3129009 | 101025 | 51613 | 83801 | 333059 | 37562 | 6034 | 76074 | 42907 | 787  |
| 19 | Gross Value Added             | 482950  | 11689  | 5321  | 6206  | 47242  | 1218  | 6184 | 17721 | 9501  | 218  |
| 20 | Depreciation                  | 76348   | 2719   | 726   | 1613  | 3183   | 2170  | 31   | 3696  | 2107  | 164  |
| 21 | Net Value Added               | 406601  | 8969   | 4594  | 4593  | 44059  | -952  | 6152 | 14026 | 7394  | 54   |
| 22 | Net Fixed Capital Formation   | 22900   | -667   | -42   | 119   | 259    | -1263 | -29  | -832  | 2057  | -140 |
| 23 | Gross Fixed Capital Formation | 99249   | 2052   | 684   | 1732  | 3442   | 907   | 2    | 2864  | 4165  | 24   |
| 24 | Addition in Stock of          | 123162  | 597    | 130   | 2162  | 15560  | 3256  | 300  | -5817 | 1763  | -109 |
|    | (a) Materials, Fuels etc.     | 74860   | 1113   | 56    | 2004  | 7589   | 3467  | 11   | -3873 | 1097  | -102 |
|    | (b) Semi Finished Goods       | 23067   | -222   | 1     | 4     | 2429   | -23   | 0    | -57   | 74    | -6   |
|    | (c) Finished Goods            | 25235   | -294   | 73    | 154   | 5542   | -188  | 289  | -1887 | 592   | -1   |
| 25 | Gross Capital Formation       | 222411  | 2649   | 815   | 3894  | 19002  | 4163  | 303  | -2953 | 5928  | -84  |
| 26 | Income                        | 343303  | 6388   | 3611  | 2342  | 39493  | -2179 | 6122 | 7209  | 6285  | 34   |
| 27 | Profit                        | 132487  | 2778   | 930   | -169  | 8217   | -4841 | 111  | -5416 | 2381  | -159 |

|    | Characteristics                          | 181   | 191 | 192  | 201  | 202   | 210   | 221   | 222   | 223  | 231   |
|----|------------------------------------------|-------|-----|------|------|-------|-------|-------|-------|------|-------|
| 1  | Number Of Factories                      | 31    | 5   | 67   | 334  | 245   | 87    | 50    | 76    | 5    | 3     |
| 2  | Factories In Operation                   | 31    | 5   | 53   | 283  | 228   | 83    | 50    | 70    | 5    | 3     |
| 3  | Fixed Capital                            | 1878  | 359 | 728  | 586  | 7053  | 27254 | 21630 | 2683  | 708  | 6862  |
| 4  | Physical Working Capital                 | 6634  | 178 | 563  | 380  | 8565  | 8565  | 6602  | 1203  | 24   | 1925  |
| 5  | Working Capital                          | 2442  | 106 | 543  | 791  | 3081  | 1720  | 13842 | 2838  | 1406 | 318   |
| 6  | Invested Capital                         | 8512  | 537 | 1291 | 966  | 15618 | 35819 | 28232 | 3886  | 732  | 8787  |
| 7  | Gross Value Of Addition To Fixed Capital | 311   | 206 | 212  | 45   | 694   | 4069  | 9571  | 502   | 15   | 183   |
| 8  | Rent Paid For Fixed Assets               | 75    | 5   | 8    | 38   | 47    | 55    | 416   | 25    | 0    | 91    |
| 9  | Outstanding Loan                         | 1188  | 289 | 534  | 460  | 4507  | 10159 | 11598 | 4264  | 0    | 957   |
| 10 | Interest Paid                            | 167   | 40  | 71   | 88   | 939   | 1137  | 1248  | 354   | 0    | 314   |
| 11 | Rent Received For Fixed Assets           | 0     | 0   | 1    | 3    | 31    | 33    | 38    | 2     | 0    | 0     |
| 12 | Interest Received                        | 0     | 0   | 1    | 14   | 6     | 119   | 23    | 8     | 0    | 21    |
| 13 | Gross Value Of Plant & Machinery         | 1406  | 91  | 255  | 12   | 5133  | 44383 | 30157 | 3262  | 0    | 7959  |
| 14 | Value Of Product And By-Product          | 10467 | 822 | 3144 | 5955 | 12896 | 45815 | 40900 | 3767  | 0    | 12662 |
| 15 | Total Output                             | 11772 | 840 | 3386 | 6391 | 13703 | 46757 | 63228 | 10714 | 3600 | 12691 |
| 16 | Fuels Consumed                           | 206   | 15  | 211  | 202  | 1027  | 9945  | 1354  | 171   | 72   | 113   |

|    | Characteristics               | 181  | 191 | 192  | 201  | 202   | 210   | 221   | 222  | 223  | 231  |
|----|-------------------------------|------|-----|------|------|-------|-------|-------|------|------|------|
| 17 | Materials Consumed            | 6913 | 678 | 2308 | 4719 | 9738  | 23983 | 33016 | 3295 | 58   | 7976 |
| 18 | Total Inputs                  | 8414 | 745 | 2869 | 5274 | 11868 | 37517 | 45083 | 8201 | 2698 | 8613 |
| 19 | Gross Value Added             | 3358 | 95  | 517  | 1117 | 1835  | 9240  | 18145 | 2513 | 902  | 4078 |
| 20 | Depreciation                  | 188  | 38  | 132  | 65   | 674   | 2002  | 3829  | 412  | 106  | 451  |
| 21 | Net Value Added               | 3170 | 57  | 385  | 1052 | 1161  | 7238  | 14316 | 2101 | 795  | 3627 |
| 22 | Net Fixed Capital Formation   | 134  | 167 | 69   | -25  | -133  | 2222  | 5308  | 59   | -91  | -412 |
| 23 | Gross Fixed Capital Formation | 322  | 205 | 201  | 40   | 541   | 4224  | 9137  | 471  | 15   | 39   |
| 24 | Addition in Stock of          | 5352 | 45  | 20   | -16  | 801   | 1050  | 388   | -74  | -50  | 417  |
|    | (a) Materials, Fuels etc.     | 5399 | 20  | 8    | -45  | 576   | 1033  | 374   | -91  | -50  | 373  |
|    | (b) Semi Finished Goods       | 12   | 0   | -9   | -2   | 184   | 57    | 8     | -11  | 0    | 0    |
|    | (c) Finished Goods            | -59  | 25  | 21   | 31   | 41    | -40   | 6     | 28   | 0    | 44   |
| 25 | Gross Capital Formation       | 5674 | 250 | 220  | 24   | 1342  | 5274  | 9525  | 397  | -34  | 456  |
| 26 | Income                        | 2928 | 12  | 306  | 926  | 175   | 6045  | 12652 | 1721 | 795  | 3223 |
| 27 | Profit                        | 828  | -32 | 39   | 190  | -1467 | 808   | 2428  | 454  | 695  | 2751 |

|    | Characteristics                          | 232     | 241    | 242    | 251    | 252   | 261  | 269   | 271   | 272   | 273   |
|----|------------------------------------------|---------|--------|--------|--------|-------|------|-------|-------|-------|-------|
| 1  | Number Of Factories                      | 13      | 62     | 164    | 305    | 115   | 5    | 883   | 78    | 13    | 9     |
| 2  | Factories In Operation                   | 13      | 58     | 164    | 280    | 110   | 4    | 767   | 63    | 11    | 9     |
| 3  | Fixed Capital                            | 167300  | 93563  | 31842  | 37788  | 6046  | 3114 | 39093 | 12819 | 10864 | 939   |
| 4  | Physical Working Capital                 | 143855  | 30398  | 27159  | 25679  | 3741  | 1293 | 12722 | 16331 | 6323  | 1312  |
| 5  | Working Capital                          | 156117  | -5781  | 32043  | 14778  | 3262  | 1365 | 10501 | 413   | 5004  | -2659 |
| 6  | Invested Capital                         | 311155  | 123960 | 59001  | 63467  | 9786  | 4406 | 51815 | 29150 | 17187 | 2251  |
| 7  | Gross Value Of Addition To Fixed Capital | 25562   | 9269   | 6990   | 9223   | 586   | 88   | 6662  | 3094  | 1189  | 66    |
| 8  | Rent Paid For Fixed Assets               | 968     | 260    | 206    | 233    | 38    | 7    | 556   | 56    | 11    | 1     |
| 9  | Outstanding Loan                         | 31621   | 75345  | 13065  | 13377  | 4549  | 1676 | 19408 | 15841 | 5523  | 8153  |
| 10 | Interest Paid                            | 4465    | 9277   | 1643   | 1146   | 496   | 312  | 1153  | 1043  | 264   | 95    |
| 11 | Rent Received For Fixed Assets           | 108     | 186    | 150    | 220    | 21    | 0    | 121   | 11    | 1     | 0     |
| 12 | Interest Received                        | 4932    | 899    | 168    | 303    | 10    | 37   | 185   | 104   | 217   | 12    |
| 13 | Gross Value Of Plant & Machinery         | 244250  | 155967 | 23539  | 59099  | 4832  | 4384 | 31277 | 11632 | 21119 | 2736  |
| 14 | Value Of Product And By-Product          | 1459916 | 238227 | 102187 | 254580 | 24127 | 6472 | 58392 | 80313 | 26008 | 7400  |
| 15 | Total Output                             | 1462013 | 239553 | 110740 | 279927 | 25263 | 6486 | 60700 | 89035 | 26422 | 7619  |
| 16 | Fuels Consumed                           | 53529   | 37645  | 4888   | 15756  | 1474  | 2140 | 14239 | 16370 | 4067  | 1730  |
| 17 | Materials Consumed                       | 1263384 | 157540 | 64770  | 207931 | 17423 | 2723 | 20434 | 59506 | 17590 | 4587  |

|    | Characteristics               | 232     | 241    | 242   | 251    | 252   | 261  | 269   | 271   | 272   | 273  |
|----|-------------------------------|---------|--------|-------|--------|-------|------|-------|-------|-------|------|
| 18 | Total Inputs                  | 1328630 | 205058 | 81970 | 242956 | 21175 | 5112 | 40457 | 84649 | 24244 | 6679 |
| 19 | Gross Value Added             | 133383  | 34495  | 28770 | 36971  | 4088  | 1374 | 20243 | 4386  | 2178  | 940  |
| 20 | Depreciation                  | 14110   | 8731   | 2908  | 4541   | 1093  | 217  | 2669  | 1394  | 969   | 104  |
| 21 | Net Value Added               | 119274  | 25764  | 25862 | 32430  | 2994  | 1156 | 17574 | 2992  | 1209  | 836  |
| 22 | Net Fixed Capital Formation   | 11396   | -273   | 2680  | 3788   | -575  | -130 | 1325  | 1414  | -238  | 10   |
| 23 | Gross Fixed Capital Formation | 25506   | 8459   | 5588  | 8329   | 518   | 88   | 3995  | 2808  | 731   | 114  |
| 24 | Addition in Stock of          | 49565   | 4951   | 2703  | 4955   | 610   | -45  | 1370  | 6742  | 2544  | 94   |
|    | (a) Materials, Fuels etc.     | 19403   | 2203   | 2441  | 4882   | 636   | 113  | 375   | 6099  | 2232  | -61  |
|    | (b) Semi Finished Goods       | 13891   | 592    | 573   | -20    | 31    | 0    | 464   | -7    | 136   | 44   |
|    | (c) Finished Goods            | 16271   | 2156   | -311  | 93     | -57   | -158 | 531   | 650   | 176   | 111  |
| 25 | Gross Capital Formation       | 75071   | 13409  | 8291  | 13285  | 1129  | 43   | 5364  | 9550  | 3275  | 209  |
| 26 | Income                        | 113840  | 16227  | 24013 | 31050  | 2461  | 837  | 15866 | 1893  | 934   | 740  |
| 27 | Profit                        | 98244   | -8971  | 13729 | 14154  | 677   | 168  | 6291  | -1041 | -1459 | -59  |

|    | Characteristics                          | 281  | 289   | 291  | 292   | 293  | 300   | 311   | 312   | 313  | 314 |
|----|------------------------------------------|------|-------|------|-------|------|-------|-------|-------|------|-----|
| 1  | Number Of Factories                      | 35   | 103   | 14   | 68    | 8    | 3     | 27    | 36    | 6    | 4   |
| 2  | Factories In Operation                   | 35   | 103   | 15   | 69    | 8    | 3     | 18    | 31    | 6    | 3   |
| 3  | Fixed Capital                            | 1476 | 4731  | 931  | 3204  | 125  | 378   | 2581  | 713   | 810  | 35  |
| 4  | Physical Working Capital                 | 2011 | 3199  | 2068 | 4987  | 146  | 753   | 4519  | 1874  | 808  | 30  |
| 5  | Working Capital                          | 586  | 3287  | 3737 | 2260  | 279  | -2507 | 3349  | -2485 | -147 | 14  |
| 6  | Invested Capital                         | 3487 | 7930  | 2999 | 8191  | 270  | 1130  | 7100  | 2587  | 1618 | 65  |
| 7  | Gross Value Of Addition To Fixed Capital | 66   | 2604  | 123  | 616   | 20   | 23    | 694   | 11    | 79   | 7   |
| 8  | Rent Paid For Fixed Assets               | 7    | 180   | 4    | 21    | 1    | 49    | 25    | 3     | 3    | 0   |
| 9  | Outstanding Loan                         | 673  | 3269  | 46   | 7092  | 213  | 879   | 5381  | 68    | 1290 | 14  |
| 10 | Interest Paid                            | 271  | 223   | 45   | 832   | 12   | 536   | 743   | 106   | 331  | 3   |
| 11 | Rent Received For Fixed Assets           | 0    | 22    | 8    | 3     | 0    | 0     | 1     | 0     | 0    | 0   |
| 12 | Interest Received                        | 0    | 7     | 6    | 8     | 0    | 1     | 4     | 0     | 7    | 0   |
| 13 | Gross Value Of Plant & Machinery         | 412  | 4220  | 1057 | 4118  | 4    | 345   | 2919  | 1709  | 4525 | 99  |
| 14 | Value Of Product And By-Product          | 2553 | 14601 | 5749 | 17167 | 1488 | 1938  | 16500 | 4862  | 4929 | 127 |
| 15 | Total Output                             | 4788 | 18292 | 6084 | 19803 | 1498 | 3119  | 16832 | 5071  | 4950 | 130 |
| 16 | Fuels Consumed                           | 183  | 1003  | 87   | 555   | 13   | 25    | 397   | 151   | 175  | 16  |
| 17 | Materials Consumed                       | 2244 | 12206 | 3595 | 10533 | 1352 | 1364  | 11415 | 2885  | 4107 | 80  |

|    | Characteristics               | 281  | 289   | 291  | 292   | 293  | 300  | 311   | 312  | 313  | 314 |
|----|-------------------------------|------|-------|------|-------|------|------|-------|------|------|-----|
| 18 | Total Inputs                  | 4143 | 15301 | 4382 | 14463 | 1485 | 2218 | 12918 | 3550 | 4510 | 314 |
| 19 | Gross Value Added             | 645  | 2991  | 1702 | 5340  | 13   | 901  | 3914  | 1521 | 440  | 25  |
| 20 | Depreciation                  | 103  | 537   | 83   | 469   | 26   | 49   | 274   | 161  | 97   | 5   |
| 21 | Net Value Added               | 542  | 2453  | 1619 | 4871  | -13  | 852  | 3639  | 1360 | 343  | 20  |
| 22 | Net Fixed Capital Formation   | -44  | 2027  | -27  | 133   | -6   | -26  | 410   | -150 | -19  | 2   |
| 23 | Gross Fixed Capital Formation | 58   | 2564  | 55   | 602   | 20   | 23   | 684   | 10   | 78   | 7   |
| 24 | Addition in Stock of          | 398  | 958   | 340  | 463   | -56  | 180  | 1452  | -87  | 67   | 6   |
|    | (a) Materials, Fuels etc.     | 71   | 524   | 167  | 464   | -11  | 83   | 762   | -230 | -92  | 0   |
|    | (b) Semi Finished Goods       | 350  | -29   | 1    | 7     | -12  | 1    | 318   | -3   | 55   | 0   |
|    | (c) Finished Goods            | -23  | 463   | 172  | -8    | -33  | 96   | 372   | 146  | 104  | 6   |
| 25 | Gross Capital Formation       | 456  | 3522  | 395  | 1066  | -37  | 203  | 2136  | -76  | 146  | 12  |
| 26 | Income                        | 264  | 2050  | 1571 | 4019  | -26  | 268  | 2871  | 1251 | 9    | 17  |
| 27 | Profit                        | -619 | 39    | 566  | -301  | -84  | -389 | -459  | -147 | -661 | 0   |

|    | Characteristics                          | 315 | 319   | 321   | 322   | 331   | 342 | 343 | 351   | 359  | 361   | 369  | Other |
|----|------------------------------------------|-----|-------|-------|-------|-------|-----|-----|-------|------|-------|------|-------|
| 1  | Number Of Factories                      | 4   | 9     | 30    | 9     | 19    | 11  | 3   | 10    | 5    | 88    | 22   | 177   |
| 2  | Factories In Operation                   | 3   | 9     | 30    | 6     | 16    | 10  | 3   | 10    | 5    | 81    | 17   | 172   |
| 3  | Fixed Capital                            | 67  | 220   | 13293 | 4827  | 2702  | 151 | 56  | 8295  | 2079 | 6990  | 297  | 58343 |
| 4  | Physical Working Capital                 | 72  | 193   | 11391 | 4876  | 2815  | 25  | 17  | 22079 | 1668 | 3074  | 1170 | 6931  |
| 5  | Working Capital                          | 89  | -1853 | 18816 | 4782  | 3249  | 66  | 26  | 13933 | 1279 | 1421  | 2764 | 7717  |
| 6  | Invested Capital                         | 139 | 413   | 24684 | 9703  | 5518  | 176 | 73  | 30374 | 3747 | 10064 | 1468 | 65271 |
| 7  | Gross Value Of Addition To Fixed Capital | 10  | 11    | 3625  | 24    | 490   | 2   | 2   | 1131  | 65   | 506   | 51   | 2710  |
| 8  | Rent Paid For Fixed Assets               | 0   | 3     | 97    | 126   | 97    | 1   | 2   | 70    | 11   | 47    | 8    | 649   |
| 9  | Outstanding Loan                         | 49  | 1165  | 4348  | 8104  | 958   | 78  | 29  | 7212  | 1892 | 8020  | 1133 | 49394 |
| 10 | Interest Paid                            | 7   | 323   | 3896  | 2609  | 62    | 2   | 1   | 428   | 3    | 868   | 70   | 3597  |
| 11 | Rent Received For Fixed Assets           | 1   | 2     | 2     | 0     | 2     | 0   | 0   | 103   | 0    | 2     | 6    | 0     |
| 12 | Interest Received                        | 0   | 0     | 32    | 7     | 12    | 0   | 0   | 0     | 18   | 6     | 35   | 29    |
| 13 | Gross Value Of Plant & Machinery         | 32  | 380   | 21920 | 4328  | 3568  | 10  | 43  | 10933 | 4195 | 3836  | 245  | 61301 |
| 14 | Value Of Product And By-Product          | 227 | 1000  | 59113 | 10276 | 12955 | 102 | 58  | 8362  | 4367 | 11586 | 582  | 17760 |
| 15 | Total Output                             | 233 | 1817  | 64768 | 12546 | 15981 | 198 | 69  | 27384 | 5588 | 12489 | 1765 | 69550 |
| 16 | Fuels Consumed                           | 4   | 27    | 1284  | 506   | 236   | 6   | 12  | 943   | 145  | 663   | 33   | 697   |
| 17 | Materials Consumed                       | 137 | 637   | 39256 | 4679  | 7814  | 64  | 25  | 14035 | 3360 | 8729  | 341  | 6290  |

|    | Characteristics               | 315 | 319  | 321   | 322   | 331   | 342 | 343 | 351   | 359  | 361   | 369  | Other |
|----|-------------------------------|-----|------|-------|-------|-------|-----|-----|-------|------|-------|------|-------|
| 18 | Total Inputs                  | 171 | 1326 | 46661 | 9426  | 12226 | 140 | 50  | 20700 | 4242 | 10664 | 1470 | 53781 |
| 19 | Gross Value Added             | 62  | 491  | 18107 | 3120  | 3755  | 58  | 19  | 6684  | 1346 | 1825  | 295  | 15769 |
| 20 | Depreciation                  | 14  | 28   | 1772  | 485   | 445   | 10  | 7   | 673   | 259  | 789   | 40   | 8976  |
| 21 | Net Value Added               | 48  | 463  | 16335 | 2636  | 3310  | 47  | 12  | 6011  | 1087 | 1036  | 256  | 6793  |
| 22 | Net Fixed Capital Formation   | -13 | -19  | 1559  | -462  | 426   | -8  | -5  | 67    | -193 | -609  | 9    | -6312 |
| 23 | Gross Fixed Capital Formation | 1   | 10   | 3331  | 23    | 872   | 2   | 2   | 740   | 65   | 180   | 50   | 2665  |
| 24 | Addition in Stock of          | 0   | 17   | 1708  | 893   | -56   | -7  | 4   | 15035 | -51  | 243   | 150  | 2242  |
|    | (a) Materials, Fuels etc.     | 4   | 10   | 1317  | 332   | -63   | -4  | 0   | 11478 | -23  | 211   | 316  | 2261  |
|    | (b) Semi Finished Goods       | -5  | 2    | 524   | 361   | 11    | 0   | -2  | 3575  | -5   | -207  | 11   | -27   |
|    | (c) Finished Goods            | 1   | 5    | -133  | 200   | -4    | -3  | 6   | -18   | -23  | 239   | -177 | 8     |
| 25 | Gross Capital Formation       | 1   | 26   | 5038  | 917   | 816   | -4  | 6   | 15776 | 16   | 423   | 199  | 4907  |
| 26 | Income                        | 41  | 138  | 12342 | -98   | 3151  | 44  | 9   | 5513  | 1074 | 121   | 178  | 2549  |
| 27 | Profit                        | 17  | -157 | 5725  | -1166 | 1619  | 5   | -3  | -2214 | 84   | -988  | 64   | -706  |

EMPLOYMENT AND EMOLUMENTS AT INDUSTRY (NIC 98 – 3 DIGIT) BY STATE  
(WAGES IN RS. LAKHS; OTHERS IN NUMBER)

Kerala

| Sl. No.                                                        | Characteristics                       | All    | 151  | 152  | 153  | 154    | 155  | 160   | 171   | 172  | 173 |
|----------------------------------------------------------------|---------------------------------------|--------|------|------|------|--------|------|-------|-------|------|-----|
| <b>A. No. of Persons Engaged</b>                               |                                       | 317834 | 6372 | 2766 | 3404 | 136724 | 2769 | 27939 | 16541 | 7961 | 332 |
| 1                                                              | Workers                               | 274486 | 4718 | 1981 | 2473 | 130198 | 2162 | 26740 | 14396 | 6352 | 241 |
| 1.1                                                            | Directly Employed                     | 253588 | 3024 | 1824 | 2178 | 129185 | 1269 | 23742 | 13882 | 5913 | 241 |
|                                                                | Men                                   | 90106  | 1557 | 1670 | 2017 | 8430   | 893  | 5607  | 8551  | 4400 | 127 |
|                                                                | Women                                 | 163482 | 1467 | 154  | 161  | 120755 | 376  | 18135 | 5331  | 1513 | 114 |
|                                                                | Children                              | 0      | 0    | 0    | 0    | 0      | 0    | 0     | 0     | 0    | 0   |
| 1.2                                                            | Employed Through Contractors          | 20898  | 1695 | 157  | 296  | 1013   | 893  | 2998  | 515   | 438  | 0   |
| 2                                                              | Employees Other Than Workers          | 41366  | 1614 | 775  | 895  | 6246   | 603  | 914   | 2114  | 1547 | 90  |
| 2.1                                                            | Supervisory and Managerial            | 20685  | 729  | 413  | 409  | 2892   | 353  | 602   | 920   | 550  | 38  |
| 2.2                                                            | Other Employees                       | 20681  | 885  | 362  | 486  | 3354   | 250  | 312   | 1194  | 997  | 52  |
| 3                                                              | Unpaid family members/proprietor etc. | 1982   | 40   | 10   | 36   | 280    | 4    | 286   | 31    | 63   | 1   |
| <b>B. Total Man days Employed (in '000)</b>                    |                                       | 81004  | 1928 | 852  | 995  | 27187  | 842  | 7919  | 5292  | 2099 | 103 |
| <b>C. Wages and Salaries Including Employers' Contribution</b> |                                       | 210817 | 3609 | 2681 | 2511 | 31276  | 2662 | 6011  | 12626 | 3904 | 194 |
| 1                                                              | Wages and Salary Including Bonus      | 169603 | 3071 | 2292 | 2112 | 28070  | 2356 | 5358  | 9639  | 3302 | 163 |
| 1.1                                                            | Wages and Salary                      | 156996 | 2829 | 2225 | 1951 | 23881  | 2243 | 4934  | 8887  | 2753 | 141 |
| 1.1.1                                                          | Workers                               | 105714 | 1714 | 1484 | 1255 | 21286  | 1399 | 4562  | 7079  | 1963 | 81  |
| 1.1.2                                                          | Supervisory & Managerial              | 32996  | 723  | 492  | 412  | 1494   | 665  | 221   | 1094  | 366  | 28  |
| 1.1.3                                                          | Other Employees                       | 18286  | 392  | 249  | 284  | 1101   | 179  | 151   | 714   | 424  | 32  |
| 1.2                                                            | Bonus to All Staff                    | 12607  | 243  | 66   | 161  | 4188   | 112  | 423   | 753   | 549  | 22  |
| 2                                                              | Employers' Contribution               | 41214  | 538  | 389  | 399  | 3206   | 306  | 653   | 2987  | 602  | 31  |

EMPLOYMENT AND EMOLUMENTS AT INDUSTRY (NIC 98 – 3 DIGIT) BY STATE  
(WAGES IN RS. LAKHS; OTHERS IN NUMBER)

| Kerala                                                  |                                       |  |      |     |     |      |      |      |       |      |     |     |
|---------------------------------------------------------|---------------------------------------|--|------|-----|-----|------|------|------|-------|------|-----|-----|
| Sl. No.                                                 | Characteristics                       |  | 181  | 191 | 192 | 201  | 202  | 210  | 221   | 222  | 223 | 231 |
| A. No. of Persons Engaged                               |                                       |  | 4212 | 127 | 653 | 2997 | 3366 | 3668 | 5304  | 1580 | 159 | 196 |
| 1                                                       | Workers                               |  | 3859 | 104 | 466 | 2497 | 2725 | 2939 | 2879  | 1142 | 127 | 87  |
| 1.1                                                     | Directly Employed                     |  | 3859 | 104 | 428 | 2390 | 2536 | 2648 | 2869  | 1082 | 127 | 58  |
|                                                         | Men                                   |  | 778  | 78  | 322 | 1095 | 1844 | 2142 | 2797  | 831  | 127 | 58  |
|                                                         | Women                                 |  | 3081 | 26  | 106 | 1295 | 692  | 506  | 72    | 251  | 0   | 0   |
|                                                         | Children                              |  | 0    | 0   | 0   | 0    | 0    | 0    | 0     | 0    | 0   | 0   |
| 1.2                                                     | Employed Through Contractors          |  | 0    | 0   | 38  | 108  | 189  | 291  | 9     | 60   | 0   | 29  |
| 2                                                       | Employees Other Than Workers          |  | 345  | 23  | 173 | 321  | 571  | 693  | 2419  | 397  | 32  | 108 |
| 2.1                                                     | Supervisory and Managerial            |  | 179  | 15  | 67  | 212  | 330  | 469  | 646   | 197  | 11  | 90  |
| 2.2                                                     | Other Employees                       |  | 166  | 8   | 106 | 109  | 241  | 224  | 1773  | 200  | 21  | 18  |
| 3                                                       | Unpaid family members/proprietor etc. |  | 8    | 0   | 14  | 179  | 71   | 36   | 6     | 40   | 0   | 0   |
| B. Total Man days Employed (in '000)                    |                                       |  | 1252 | 31  | 186 | 664  | 887  | 1194 | 1834  | 464  | 47  | 71  |
| C. Wages and Salaries Including Employers' Contribution |                                       |  |      |     |     |      |      |      |       |      |     |     |
| 1                                                       | Wages and Salary Including Bonus      |  | 2100 | 44  | 267 | 736  | 1642 | 5237 | 10224 | 1267 | 101 | 472 |
| 1.1                                                     | Wages and Salary                      |  | 1846 | 37  | 227 | 639  | 1370 | 4128 | 8287  | 1083 | 95  | 396 |
|                                                         | Workers                               |  | 1743 | 35  | 203 | 577  | 1318 | 3850 | 8071  | 1000 | 93  | 384 |
| 1.1.1                                                   | Workers                               |  | 1420 | 24  | 128 | 469  | 1054 | 2533 | 2851  | 733  | 48  | 148 |
| 1.1.2                                                   | Supervisory & Managerial              |  | 252  | 9   | 42  | 79   | 160  | 1178 | 2319  | 152  | 23  | 195 |
| 1.1.3                                                   | Other Employees                       |  | 71   | 2   | 33  | 29   | 104  | 139  | 2901  | 115  | 22  | 41  |
| 1.2                                                     | Bonus to All Staff                    |  | 104  | 2   | 23  | 62   | 53   | 278  | 216   | 83   | 3   | 12  |
| 2                                                       | Employers' Contribution               |  | 254  | 7   | 40  | 97   | 272  | 1109 | 1937  | 184  | 6   | 76  |

## EMPLOYMENT AND EMOLUMENTS AT INDUSTRY (NIC 98 -- 3 DIGIT) BY STATE

(WAGES IN RS. LAKHS; OTHERS IN NUMBER)

## Kerala

| Sl. No.                                                        | Characteristics                       | 232   | 241   | 242   | 251   | 252  | 261 | 269   | 271  | 272  | 273 |
|----------------------------------------------------------------|---------------------------------------|-------|-------|-------|-------|------|-----|-------|------|------|-----|
| <b>A. No. of Persons Engaged</b>                               |                                       | 3672  | 7314  | 9040  | 14139 | 2375 | 687 | 15470 | 4587 | 995  | 717 |
| 1                                                              | Workers                               | 2704  | 4944  | 6239  | 10615 | 1660 | 596 | 12950 | 4040 | 716  | 598 |
| 1.1                                                            | Directly Employed                     | 1212  | 4447  | 5680  | 10012 | 1421 | 565 | 11983 | 2013 | 601  | 287 |
|                                                                | Men                                   | 1210  | 4392  | 3967  | 8683  | 1098 | 537 | 8448  | 1960 | 600  | 286 |
|                                                                | Women                                 | 2     | 55    | 1713  | 1329  | 323  | 28  | 3535  | 53   | 1    | 1   |
|                                                                | Children                              | 0     | 0     | 0     | 0     | 0    | 0   | 0     | 0    | 0    | 0   |
| 1.2                                                            | Employed Through Contractors          | 1492  | 497   | 559   | 603   | 238  | 31  | 968   | 2028 | 115  | 311 |
| 2                                                              | Employees Other Than Workers          | 968   | 2365  | 2759  | 3452  | 692  | 88  | 2013  | 533  | 275  | 118 |
| 2.1                                                            | Supervisory and Managerial            | 594   | 1393  | 1367  | 1805  | 285  | 55  | 1109  | 245  | 204  | 70  |
| 2.2                                                            | Other Employees                       | 374   | 972   | 1392  | 1647  | 407  | 33  | 904   | 288  | 71   | 48  |
| 3                                                              | Unpaid family members/proprietor etc. | 0     | 5     | 42    | 73    | 23   | 3   | 508   | 14   | 4    | 1   |
| <b>B. Total Man days Employed (in '000)</b>                    |                                       | 1301  | 2616  | 2799  | 4303  | 681  | 244 | 4029  | 1325 | 330  | 218 |
| <b>C. Wages and Salaries Including Employers' Contribution</b> |                                       | 15596 | 25198 | 10283 | 16896 | 1784 | 669 | 9574  | 2934 | 2393 | 799 |
| 1                                                              | Wages and Salary Including Bonus      | 8947  | 19401 | 8133  | 13477 | 1518 | 586 | 7972  | 2505 | 1886 | 694 |
| 1.1                                                            | Wages and Salary                      | 8749  | 17786 | 7630  | 12451 | 1403 | 562 | 7448  | 2438 | 1780 | 684 |
| 1.1.1                                                          | Workers                               | 4341  | 10549 | 4137  | 8798  | 748  | 426 | 5559  | 1954 | 989  | 474 |
| 1.1.2                                                          | Supervisory & Managerial              | 3185  | 4982  | 2136  | 2384  | 324  | 93  | 1159  | 304  | 700  | 130 |
| 1.1.3                                                          | Other Employees                       | 1223  | 2255  | 1357  | 1269  | 331  | 43  | 730   | 180  | 91   | 80  |
| 1.2                                                            | Bonus to All Staff                    | 198   | 1615  | 504   | 1026  | 115  | 24  | 524   | 67   | 105  | 10  |
| 2                                                              | Employers' Contribution               | 6649  | 5797  | 2150  | 3419  | 266  | 83  | 1602  | 429  | 507  | 105 |

(WAGES IN RS. LAKHS; OTHERS IN NUMBER)

Kerala

| Sl. No.                                                        | Characteristics                       | 281 | 289  | 291  | 292  | 293 | 300 | 311  | 312  | 313 | 314 |
|----------------------------------------------------------------|---------------------------------------|-----|------|------|------|-----|-----|------|------|-----|-----|
| <b>A. No. of Persons Engaged</b>                               |                                       | 948 | 2307 | 522  | 3083 | 129 | 567 | 2069 | 1535 | 632 | 40  |
| 1                                                              | Workers                               | 612 | 1753 | 310  | 2117 | 101 | 304 | 1498 | 1214 | 522 | 34  |
| 1.1                                                            | Directly Employed                     | 462 | 1267 | 310  | 2099 | 101 | 287 | 1498 | 1196 | 522 | 34  |
|                                                                | Men                                   | 458 | 1145 | 304  | 2081 | 68  | 214 | 1346 | 953  | 475 | 25  |
|                                                                | Women                                 | 4   | 122  | 6    | 18   | 33  | 73  | 152  | 243  | 47  | 9   |
|                                                                | Children                              | 0   | 0    | 0    | 0    | 0   | 0   | 0    | 0    | 0   | 0   |
| 1.2                                                            | Employed Through Contractors          | 150 | 486  | 0    | 19   | 0   | 17  | 0    | 18   | 0   | 0   |
| 2                                                              | Employees Other Than Workers          | 323 | 534  | 210  | 884  | 26  | 263 | 570  | 311  | 109 | 5   |
| 2.1                                                            | Supervisory and Managerial            | 167 | 275  | 158  | 529  | 18  | 175 | 358  | 191  | 67  | 2   |
| 2.2                                                            | Other Employees                       | 156 | 259  | 52   | 355  | 8   | 88  | 212  | 120  | 42  | 3   |
| 3                                                              | Unpaid family members/proprietor etc. | 13  | 20   | 2    | 82   | 3   | 0   | 0    | 10   | 1   | 1   |
| <b>B. Total Man days Employed (in '000)</b>                    |                                       | 277 | 666  | 153  | 911  | 38  | 167 | 610  | 451  | 189 | 12  |
| <b>C. Wages and Salaries Including Employers' Contribution</b> |                                       | 883 | 2012 | 1005 | 4321 | 58  | 657 | 3330 | 1398 | 669 | 18  |
| 1                                                              | Wages and Salary Including Bonus      | 682 | 1668 | 772  | 3149 | 46  | 498 | 2494 | 1052 | 532 | 15  |
| 1.1                                                            | Wages and Salary                      | 668 | 1583 | 755  | 3096 | 42  | 488 | 2461 | 1021 | 528 | 13  |
| 1.1.1                                                          | Workers                               | 351 | 1052 | 368  | 1698 | 27  | 192 | 1451 | 760  | 433 | 11  |
| 1.1.2                                                          | Supervisory & Managerial              | 246 | 379  | 255  | 937  | 11  | 216 | 770  | 192  | 82  | 1   |
| 1.1.3                                                          | Other Employees                       | 71  | 152  | 132  | 461  | 4   | 80  | 240  | 69   | 13  | 1   |
| 1.2                                                            | Bonus to All Staff                    | 13  | 85   | 17   | 52   | 4   | 10  | 34   | 31   | 4   | 1   |
| 2                                                              | Employers' Contribution               | 201 | 344  | 233  | 1172 | 12  | 159 | 836  | 346  | 137 | 3   |

(WAGES IN RS. LAKHS; OTHERS IN NUMBER)

Kerala

| Sl. No. | Characteristics                                      | 315 | 319 | 321  | 322  | 331  | 342 | 343 | 351  | 359 | 361  | 369 | Other |
|---------|------------------------------------------------------|-----|-----|------|------|------|-----|-----|------|-----|------|-----|-------|
| A.      | No. of Persons Engaged                               | 53  | 259 | 6110 | 630  | 1258 | 119 | 40  | 3310 | 715 | 2294 | 269 | 4879  |
| 1       | Workers                                              | 36  | 169 | 5111 | 384  | 851  | 84  | 32  | 2432 | 493 | 1834 | 118 | 3327  |
| 1.1     | Directly Employed                                    | 36  | 169 | 2755 | 376  | 717  | 37  | 32  | 1202 | 471 | 1454 | 118 | 2868  |
|         | Men                                                  | 17  | 120 | 1695 | 188  | 518  | 37  | 20  | 1196 | 461 | 1408 | 63  | 2811  |
|         | Women                                                | 19  | 49  | 1060 | 188  | 199  | 0   | 12  | 6    | 10  | 46   | 55  | 57    |
|         | Children                                             | 0   | 0   | 0    | 0    | 0    | 0   | 0   | 0    | 0   | 0    | 0   | 0     |
| 1.2     | Employed Through Contractors                         | 0   | 0   | 2356 | 8    | 135  | 47  | 0   | 1230 | 22  | 380  | 0   | 459   |
| 2       | Employees Other Than Workers                         | 17  | 89  | 997  | 243  | 404  | 29  | 7   | 875  | 221 | 435  | 141 | 1531  |
| 2.1     | Supervisory and Managerial                           | 10  | 50  | 571  | 144  | 197  | 11  | 3   | 426  | 103 | 213  | 44  | 724   |
| 2.2     | Other Employees                                      | 7   | 39  | 426  | 99   | 207  | 18  | 4   | 449  | 118 | 222  | 97  | 807   |
| 3       | Unpaid family members/proprietor etc.                | 0   | 0   | 1    | 3    | 3    | 6   | 1   | 3    | 1   | 25   | 9   | 22    |
| B.      | Total Man days Employed (in '000)                    | 16  | 76  | 1852 | 186  | 366  | 27  | 11  | 912  | 216 | 674  | 77  | 1426  |
| C.      | Wages and Salaries Including Employers' Contribution |     |     |      |      |      |     |     |      |     |      |     |       |
| 1       | Wages and Salary Including Bonus                     | 24  | 294 | 6618 | 1069 | 1532 | 40  | 12  | 7727 | 989 | 1109 | 114 | 3254  |
| 1.1     | Wages and Salary                                     | 20  | 228 | 5588 | 896  | 1222 | 35  | 11  | 6410 | 817 | 979  | 103 | 2799  |
| 1.1.1   | Workers                                              | 18  | 212 | 5295 | 873  | 1131 | 34  | 10  | 6261 | 804 | 929  | 96  | 2624  |
| 1.1.1.1 | Workers                                              | 9   | 99  | 3517 | 390  | 621  | 25  | 6   | 3723 | 493 | 662  | 37  | 1583  |
| 1.1.1.2 | Supervisory & Managerial                             | 7   | 69  | 1323 | 298  | 337  | 5   | 2   | 1492 | 207 | 173  | 30  | 664   |
| 1.1.1.3 | Other Employees                                      | 2   | 44  | 455  | 185  | 173  | 4   | 2   | 1046 | 104 | 94   | 29  | 377   |
| 1.2     | Bonus to All Staff                                   | 1   | 17  | 293  | 21   | 91   | 0   | 1   | 149  | 11  | 50   | 8   | 171   |
| 2       | Employers' Contribution                              | 4   | 66  | 1030 | 173  | 310  | 5   | 1   | 1317 | 172 | 130  | 11  | 455   |



## **ANNEXURE – III**

### **ASI DATA - ALL INDIA LEVEL**



CAPITAL EMPLOYED INPUT, OUTPUT AND GVA AT INDUSTRY (NIC 04 – 3 DIGIT) BY STATE

(VALUES IN RS. LAKHS; OTHERS IN NUMBER)

All India

|    | Characteristics                          | All       | 014     | 142   | 151     | 152     | 153     | 154     | 155     | 160     | 171     |
|----|------------------------------------------|-----------|---------|-------|---------|---------|---------|---------|---------|---------|---------|
| 1  | Number Of Factories                      | 136353    | 2960    | 150   | 3484    | 927     | 13639   | 6093    | 1219    | 3201    | 9232    |
| 2  | Factories In Operation                   | 129885    | 2653    | 149   | 3187    | 888     | 12496   | 5746    | 1154    | 3051    | 8797    |
| 3  | Fixed Capital                            | 51234554  | 58959   | 9278  | 791714  | 252814  | 474303  | 1857619 | 762221  | 168887  | 3989618 |
| 4  | Physical Working Capital                 | 24634845  | 97423   | 6058  | 706194  | 202397  | 877718  | 2204931 | 278950  | 186002  | 1631987 |
| 5  | Working Capital                          | 16005396  | 90675   | 6646  | 289683  | 90594   | 668158  | 426734  | 224110  | 168336  | 833358  |
| 6  | Invested Capital                         | 75869399  | 156381  | 15335 | 1497909 | 455211  | 1352021 | 4062550 | 1041171 | 354889  | 5621605 |
| 7  | Gross Value Of Addition To Fixed Capital | 10164110  | 9602    | 1706  | 187591  | 43865   | 90192   | 313668  | 122766  | 41890   | 787604  |
| 8  | Rent Paid For Fixed Assets               | 453845    | 939     | 251   | 7039    | 3992    | 8862    | 12059   | 19021   | 4011    | 22497   |
| 9  | Outstanding Loan                         | 33463375  | 95530   | 11346 | 791907  | 217350  | 589985  | 1921244 | 430795  | 82445   | 3462639 |
| 10 | Interest Paid                            | 3245360   | 10518   | 556   | 59341   | 21202   | 77829   | 316759  | 35299   | 9029    | 343354  |
| 11 | Rent Received For Fixed Assets           | 114060    | 681     | 124   | 1783    | 750     | 1960    | 3233    | 17426   | 1397    | 8043    |
| 12 | Interest Received                        | 282427    | 1994    | 11    | 6924    | 3515    | 2435    | 9990    | 2904    | 1920    | 17289   |
| 13 | Gross Value Of Plant & Machinery         | 61011333  | 14979   | 6252  | 684976  | 270016  | 276352  | 2154478 | 582778  | 185158  | 5400462 |
| 14 | Value Of Product And By-Product          | 144520293 | 733779  | 20161 | 4924403 | 2190345 | 4407449 | 4677025 | 1341953 | 1108168 | 7614446 |
| 15 | Total Output                             | 167256142 | 1015647 | 24559 | 6322301 | 2385182 | 5204288 | 5051133 | 1462621 | 1233598 | 8891203 |
| 16 | Fuels Consumed                           | 8585384   | 17789   | 2516  | 144546  | 74128   | 144492  | 202955  | 72720   | 15313   | 920019  |
| 17 | Materials Consumed                       | 102434747 | 667810  | 7848  | 4467262 | 1832277 | 3871625 | 3358747 | 918033  | 470242  | 5480422 |

|    | Characteristics               | All       | 014    | 142   | 151     | 152     | 153     | 154     | 155     | 160    | 171     |
|----|-------------------------------|-----------|--------|-------|---------|---------|---------|---------|---------|--------|---------|
| 18 | Total Inputs                  | 136294133 | 939907 | 16236 | 5953970 | 2132371 | 4834424 | 4093397 | 1196539 | 709319 | 7329595 |
| 19 | Gross Value Added             | 30962009  | 75740  | 8323  | 368331  | 252811  | 369864  | 957736  | 266082  | 524279 | 1561608 |
| 20 | Depreciation                  | 4971324   | 7286   | 1154  | 70749   | 35644   | 56755   | 170737  | 74982   | 25618  | 425438  |
| 21 | Net Value Added               | 25990686  | 68454  | 7169  | 297582  | 217167  | 313109  | 786998  | 191099  | 498661 | 1136170 |
| 22 | Net Fixed Capital Formation   | 2487672   | -413   | 279   | 97931   | 2036    | 15866   | 58309   | 13874   | -1161  | 253505  |
| 23 | Gross Fixed Capital Formation | 7458995   | 6872   | 1432  | 168680  | 37680   | 72620   | 229046  | 88856   | 24457  | 678943  |
| 24 | Addition in Stock of          | 3482245   | -15461 | -301  | -26655  | 26844   | -15064  | -311221 | 43947   | -750   | -4100   |
|    | (a) Materials, Fuels etc.     | 2377486   | 2244   | -1060 | -53984  | 8322    | -42665  | 68335   | 37337   | 7258   | -9734   |
|    | (b) Semi Finished Goods       | 642020    | 374    | -84   | -3029   | 4584    | 224     | 4707    | 3504    | -260   | 23854   |
|    | (c) Finished Goods            | 462739    | -18079 | 843   | 30358   | 13938   | 27377   | -384263 | 3106    | -7748  | -18220  |
| 25 | Gross Capital Formation       | 10941240  | -8589  | 1132  | 142026  | 64524   | 57557   | -82175  | 132803  | 23707  | 674843  |
| 26 | Income                        | 22291481  | 56998  | 6362  | 231201  | 191974  | 226418  | 458180  | 136780  | 485621 | 770320  |
| 27 | Profit                        | 14460199  | 38644  | 2223  | 144032  | 96887   | 114201  | 94523   | 53074   | 369377 | 78974   |

|    | Characteristics                          | 172     | 173     | 181     | 182  | 191    | 192    | 201    | 202    | 210     | 221    |
|----|------------------------------------------|---------|---------|---------|------|--------|--------|--------|--------|---------|--------|
| 1  | Number Of Factories                      | 2028    | 2260    | 3386    | 11   | 1068   | 1225   | 1229   | 1824   | 3763    | 628    |
| 2  | Factories In Operation                   | 1921    | 2120    | 3261    | 10   | 1004   | 1176   | 1108   | 1738   | 3660    | 608    |
| 3  | Fixed Capital                            | 340216  | 299260  | 468849  | 1284 | 89449  | 130402 | 10682  | 87787  | 1298242 | 246279 |
| 4  | Physical Working Capital                 | 211324  | 178152  | 465157  | 2111 | 138745 | 139518 | 25060  | 85308  | 401187  | 87149  |
| 5  | Working Capital                          | 188673  | 114591  | 330961  | 2025 | 53309  | 97051  | 17598  | 55111  | 248603  | 134322 |
| 6  | Invested Capital                         | 551540  | 477413  | 934006  | 3394 | 228194 | 269919 | 35741  | 173096 | 1699429 | 333428 |
| 7  | Gross Value Of Addition To Fixed Capital | 104954  | 89899   | 127079  | 746  | 23853  | 28861  | 2624   | 15795  | 229066  | 58876  |
| 8  | Rent Paid For Fixed Assets               | 4579    | 3368    | 19959   | 34   | 1294   | 1951   | 187    | 706    | 7711    | 8671   |
| 9  | Outstanding Loan                         | 220624  | 206346  | 323498  | 1912 | 44446  | 77218  | 9808   | 62587  | 589729  | 155888 |
| 10 | Interest Paid                            | 25648   | 24287   | 36076   | 193  | 6247   | 9177   | 1308   | 7987   | 79523   | 14331  |
| 11 | Rent Received For Fixed Assets           | 281     | 1079    | 3553    | 24   | 468    | 1645   | 25     | 265    | 1519    | 734    |
| 12 | Interest Received                        | 1479    | 2041    | 2249    | 13   | 348    | 682    | 407    | 255    | 3834    | 1230   |
| 13 | Gross Value Of Plant & Machinery         | 293784  | 164522  | 240287  | 374  | 46287  | 109170 | 1184   | 79261  | 1612155 | 233072 |
| 14 | Value Of Product And By-Product          | 934691  | 949488  | 2039477 | 7082 | 480364 | 651340 | 83271  | 259137 | 2172291 | 307363 |
| 15 | Total Output                             | 1102176 | 1114948 | 2367026 | 7763 | 543388 | 688986 | 114617 | 304119 | 2269677 | 755227 |
| 16 | Fuels Consumed                           | 38243   | 32649   | 51985   | 149  | 15516  | 24862  | 1565   | 17449  | 290708  | 15639  |
| 17 | Materials Consumed                       | 612394  | 561159  | 1160719 | 5283 | 394738 | 480505 | 78489  | 194500 | 1344795 | 383900 |

|    | Characteristics               | 172    | 173    | 181     | 182  | 191    | 192    | 201    | 202    | 210     | 221    |
|----|-------------------------------|--------|--------|---------|------|--------|--------|--------|--------|---------|--------|
| 18 | Total Inputs                  | 903807 | 916963 | 1865268 | 6670 | 484035 | 583705 | 110129 | 258750 | 1824963 | 528278 |
| 19 | Gross Value Added             | 198369 | 197985 | 501758  | 1093 | 59353  | 105281 | 4488   | 45369  | 444714  | 226949 |
| 20 | Depreciation                  | 37292  | 46559  | 55769   | 93   | 10504  | 19120  | 822    | 10021  | 105945  | 29974  |
| 21 | Net Value Added               | 161078 | 151425 | 445989  | 1000 | 48850  | 86161  | 3667   | 35349  | 338770  | 196974 |
| 22 | Net Fixed Capital Formation   | 52847  | 37073  | 58904   | 581  | 11394  | 5683   | 1683   | 1699   | 47520   | 22699  |
| 23 | Gross Fixed Capital Formation | 90139  | 83632  | 114673  | 674  | 21898  | 24803  | 2505   | 11720  | 153465  | 52673  |
| 24 | Addition in Stock of          | 39747  | 21244  | 94377   | 332  | 18073  | 9883   | 10160  | 5616   | 43861   | 11157  |
|    | (a) Materials, Fuels etc.     | 20330  | 8634   | 44841   | 205  | 10450  | 7328   | 10240  | 2781   | 38951   | 11082  |
|    | (b) Semi Finished Goods       | 2314   | 7618   | 28913   | 48   | 2075   | -355   | 7      | 1435   | 5888    | 671    |
|    | (c) Finished Goods            | 17103  | 4992   | 20623   | 79   | 5548   | 2910   | -87    | 1400   | -978    | -596   |
| 25 | Gross Capital Formation       | 129886 | 104877 | 209050  | 1005 | 39971  | 34686  | 12665  | 17337  | 197326  | 63830  |
| 26 | Income                        | 130852 | 123771 | 389954  | 773  | 41310  | 75033  | 2172   | 26656  | 251535  | 173973 |
| 27 | Profit                        | 60440  | 40554  | 132889  | 202  | 13449  | 22510  | -754   | 7970   | 89480   | 78831  |

|    | Characteristics                          | 222    | 223   | 231    | 232      | 241      | 242     | 243    | 251     | 252     | 261    |
|----|------------------------------------------|--------|-------|--------|----------|----------|---------|--------|---------|---------|--------|
| 1  | Number Of Factories                      | 2473   | 34    | 478    | 512      | 2812     | 7853    | 82     | 1973    | 5252    | 567    |
| 2  | Factories In Operation                   | 2390   | 31    | 433    | 490      | 2708     | 7670    | 81     | 1903    | 5097    | 534    |
| 3  | Fixed Capital                            | 178061 | 11520 | 156425 | 5374633  | 5021279  | 2827914 | 347371 | 594415  | 1421932 | 424941 |
| 4  | Physical Working Capital                 | 70538  | 4660  | 143844 | 2388365  | 1375157  | 1740848 | 104789 | 232175  | 440591  | 132635 |
| 5  | Working Capital                          | 72754  | 10642 | 120355 | 1315010  | 799636   | 1504914 | 12917  | 198711  | 401385  | 101370 |
| 6  | Invested Capital                         | 248599 | 16180 | 300269 | 7762998  | 6396436  | 4568761 | 452160 | 826590  | 1862522 | 557576 |
| 7  | Gross Value Of Addition To Fixed Capital | 46198  | 1425  | 54494  | 662828   | 600537   | 679327  | 64464  | 100935  | 488927  | 110109 |
| 8  | Rent Paid For Fixed Assets               | 3075   | 306   | 2088   | 17084    | 36226    | 29065   | 2769   | 4245    | 12706   | 2657   |
| 9  | Outstanding Loan                         | 129285 | 13051 | 123163 | 1114726  | 2588938  | 1674457 | 100164 | 257364  | 824984  | 203907 |
| 10 | Interest Paid                            | 14407  | 1122  | 10892  | 67276    | 295731   | 210091  | 8792   | 34050   | 87871   | 12550  |
| 11 | Rent Received For Fixed Assets           | 899    | 105   | 131    | 1724     | 13271    | 8527    | 114    | 982     | 2191    | 267    |
| 12 | Interest Received                        | 539    | 31    | 820    | 8909     | 20548    | 13182   | 1120   | 1758    | 4857    | 1701   |
| 13 | Gross Value Of Plant & Machinery         | 159917 | 16314 | 190654 | 6287477  | 7961709  | 2675809 | 988553 | 768353  | 1600262 | 516320 |
| 14 | Value Of Product And By-Product          | 351715 | 16445 | 721278 | 22590021 | 10200667 | 8353905 | 706725 | 1709277 | 3097158 | 571485 |
| 15 | Total Output                             | 499123 | 39892 | 790512 | 22843927 | 10950222 | 9417346 | 723902 | 1828947 | 3390810 | 597354 |
| 16 | Fuels Consumed                           | 14957  | 849   | 20129  | 276974   | 1096624  | 352121  | 66093  | 104058  | 169416  | 108536 |
| 17 | Materials Consumed                       | 280808 | 7285  | 508948 | 18696274 | 6568101  | 5005903 | 488411 | 1191463 | 2330639 | 256264 |

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|    | Characteristics               | 222    | 223   | 231    | 232      | 241     | 242     | 243    | 251     | 252     | 261    |
|----|-------------------------------|--------|-------|--------|----------|---------|---------|--------|---------|---------|--------|
| 18 | Total Inputs                  | 382718 | 32191 | 601682 | 19574855 | 8661148 | 6810115 | 591483 | 1453780 | 2862201 | 425601 |
| 19 | Gross Value Added             | 116405 | 7701  | 188830 | 3269072  | 2289074 | 2607231 | 132419 | 375167  | 528609  | 171753 |
| 20 | Depreciation                  | 21888  | 1960  | 14646  | 423182   | 461197  | 252188  | 41757  | 58633   | 145745  | 43264  |
| 21 | Net Value Added               | 94517  | 5740  | 174183 | 2845890  | 1827877 | 2355044 | 90661  | 316534  | 382864  | 128489 |
| 22 | Net Fixed Capital Formation   | 21851  | -868  | 30392  | -67027   | -257439 | 279374  | -468   | 34923   | 168539  | 52500  |
| 23 | Gross Fixed Capital Formation | 43740  | 1092  | 45038  | 356155   | 203758  | 531561  | 41290  | 93557   | 314284  | 95764  |
| 24 | Addition in Stock of          | 15095  | 147   | 42617  | 567059   | 137157  | 259423  | 15177  | 34873   | 77728   | 22133  |
|    | (a) Materials, Fuels etc.     | 12793  | -120  | 24167  | 362024   | 71954   | 144350  | 10994  | 36435   | 51876   | 17563  |
|    | (b) Semi Finished Goods       | 538    | 351   | 681    | 57479    | 30160   | 50091   | 4878   | 3777    | 10477   | 1191   |
|    | (c) Finished Goods            | 1764   | -84   | 17769  | 147556   | 35043   | 64982   | -695   | -5339   | 15375   | 3379   |
| 25 | Gross Capital Formation       | 58835  | 1239  | 87656  | 923214   | 340914  | 790985  | 56467  | 128429  | 392012  | 117898 |
| 26 | Income                        | 77035  | 4312  | 161204 | 2761530  | 1495919 | 2115887 | 79100  | 278239  | 282286  | 113282 |
| 27 | Profit                        | 29367  | 1866  | 127803 | 2592022  | 1070536 | 1495268 | 28144  | 157057  | 142098  | 67338  |

|    | Characteristics                          | 269     | 271      | 272     | 273     | 281     | 289     | 291     | 292     | 293    | 300    |
|----|------------------------------------------|---------|----------|---------|---------|---------|---------|---------|---------|--------|--------|
| 1  | Number Of Factories                      | 12656   | 3513     | 1152    | 2072    | 2326    | 5813    | 4050    | 4631    | 706    | 200    |
| 2  | Factories In Operation                   | 11712   | 3382     | 1089    | 1989    | 2233    | 5681    | 3984    | 4531    | 685    | 181    |
| 3  | Fixed Capital                            | 3303003 | 7486324  | 1840140 | 311152  | 225696  | 518961  | 633170  | 750393  | 193037 | 310732 |
| 4  | Physical Working Capital                 | 752971  | 2346637  | 598636  | 173272  | 321587  | 440968  | 667407  | 720061  | 105311 | 88077  |
| 5  | Working Capital                          | 600909  | 1884332  | 480972  | 111880  | 172026  | 408799  | 559134  | 471399  | 39956  | 261847 |
| 6  | Invested Capital                         | 4055974 | 9832961  | 2438776 | 484424  | 547282  | 959929  | 1300577 | 1470454 | 298348 | 398809 |
| 7  | Gross Value Of Addition To Fixed Capital | 501618  | 1206260  | 460525  | 84878   | 47440   | 136502  | 166969  | 183115  | 22432  | 140848 |
| 8  | Rent Paid For Fixed Assets               | 36977   | 23427    | 7172    | 1923    | 5546    | 7921    | 11363   | 12223   | 2198   | 4845   |
| 9  | Outstanding Loan                         | 1536519 | 5466720  | 2731197 | 258577  | 212981  | 341238  | 385800  | 821869  | 94381  | 355656 |
| 10 | Interest Paid                            | 156877  | 492322   | 58291   | 31317   | 23302   | 46062   | 48812   | 67510   | 16499  | 6699   |
| 11 | Rent Received For Fixed Assets           | 6534    | 5138     | 794     | 289     | 2454    | 1847    | 2606    | 2824    | 506    | 556    |
| 12 | Interest Received                        | 6438    | 43766    | 26483   | 1262    | 2346    | 2649    | 6755    | 8198    | 788    | 679    |
| 13 | Gross Value Of Plant & Machinery         | 3684473 | 9652804  | 2112214 | 327256  | 213443  | 491764  | 828245  | 780580  | 241608 | 325355 |
| 14 | Value Of Product And By-Product          | 4325982 | 17143983 | 4614336 | 1077137 | 1214696 | 1862644 | 2722680 | 2974987 | 510986 | 548848 |
| 15 | Total Output                             | 4550191 | 18627630 | 4690311 | 1162170 | 1436058 | 2445935 | 3238332 | 3408256 | 571756 | 653471 |
| 16 | Fuels Consumed                           | 1028465 | 1740669  | 380831  | 152854  | 29022   | 117586  | 76162   | 67236   | 8519   | 10423  |
| 17 | Materials Consumed                       | 1716212 | 10695794 | 3180074 | 679476  | 945330  | 1282444 | 1776378 | 2115744 | 388944 | 400683 |

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|    | Characteristics               | 269     | 271      | 272     | 273    | 281     | 289     | 291     | 292     | 293    | 300    |
|----|-------------------------------|---------|----------|---------|--------|---------|---------|---------|---------|--------|--------|
| 18 | Total Inputs                  | 3209790 | 14046464 | 3729397 | 970361 | 1181378 | 2008861 | 2482290 | 2703965 | 486936 | 503605 |
| 19 | Gross Value Added             | 1340401 | 4581166  | 960914  | 191809 | 254680  | 437074  | 756042  | 704291  | 84820  | 149866 |
| 20 | Depreciation                  | 277640  | 636351   | 140743  | 31726  | 25728   | 62693   | 84070   | 86301   | 22422  | 40777  |
| 21 | Net Value Added               | 1062762 | 3944815  | 820172  | 160083 | 228952  | 374381  | 671973  | 617991  | 62398  | 109089 |
| 22 | Net Fixed Capital Formation   | 100152  | 374612   | 220840  | 36528  | 15743   | 60424   | 58069   | 52232   | -3423  | 9736   |
| 23 | Gross Fixed Capital Formation | 377792  | 1010963  | 361583  | 68254  | 41471   | 123117  | 142139  | 138532  | 18998  | 50513  |
| 24 | Addition in Stock of          | 103115  | 711441   | 170404  | 33520  | 118421  | 87303   | 142897  | 169471  | 10102  | 17853  |
|    | (a) Materials, Fuels etc.     | 77486   | 451817   | 102322  | 15445  | 75621   | 55002   | 82117   | 100406  | 10125  | 11357  |
|    | (b) Semi Finished Goods       | 2030    | 56916    | 63752   | 9279   | 31862   | 19156   | 43501   | 52443   | -2158  | 4968   |
|    | (c) Finished Goods            | 23599   | 202708   | 4330    | 8796   | 10938   | 13145   | 17279   | 16622   | 2135   | 1528   |
| 25 | Gross Capital Formation       | 480907  | 1722403  | 531987  | 101774 | 159893  | 210420  | 285036  | 308004  | 29100  | 68366  |
| 26 | Income                        | 868909  | 3429066  | 754709  | 126843 | 200103  | 320399  | 611797  | 538258  | 43701  | 97545  |
| 27 | Profit                        | 563800  | 2735760  | 615832  | 42239  | 86455   | 153514  | 307893  | 250489  | 10035  | 52935  |

|    | Characteristics                          | 311     | 312    | 313    | 314    | 315    | 319    | 321    | 322    | 323     |
|----|------------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|---------|
| 1  | Number Of Factories                      | 1033    | 1062   | 627    | 206    | 369    | 627    | 492    | 239    | 271     |
| 2  | Factories In Operation                   | 1012    | 1030   | 615    | 206    | 344    | 600    | 484    | 229    | 260     |
| 3  | Fixed Capital                            | 205652  | 127186 | 229262 | 105717 | 76323  | 96220  | 317739 | 114516 | 533170  |
| 4  | Physical Working Capital                 | 324028  | 134851 | 115011 | 46336  | 38898  | 66428  | 119987 | 96076  | 294634  |
| 5  | Working Capital                          | 374108  | 106308 | 47908  | 41987  | 39294  | 63641  | 108205 | 114120 | 178117  |
| 6  | Invested Capital                         | 529680  | 262037 | 344273 | 152053 | 115221 | 162648 | 437727 | 210592 | 827805  |
| 7  | Gross Value Of Addition To Fixed Capital | 49919   | 33748  | 20250  | 15439  | 12849  | 28308  | 73187  | 23557  | 132845  |
| 8  | Rent Paid For Fixed Assets               | 6489    | 3583   | 1159   | 1202   | 805    | 1064   | 3626   | 2672   | 5365    |
| 9  | Outstanding Loan                         | 133067  | 81630  | 196044 | 31849  | 32258  | 76821  | 224177 | 115869 | 285307  |
| 10 | Interest Paid                            | 20258   | 14844  | 27941  | 3890   | 5549   | 6173   | 29818  | 19684  | 29260   |
| 11 | Rent Received For Fixed Assets           | 1162    | 1205   | 457    | 20     | 142    | 197    | 753    | 1536   | 95      |
| 12 | Interest Received                        | 1350    | 1616   | 2554   | 860    | 464    | 418    | 1790   | 3282   | 894     |
| 13 | Gross Value Of Plant & Machinery         | 246882  | 123632 | 321234 | 131806 | 117871 | 104909 | 410326 | 130856 | 566620  |
| 14 | Value Of Product And By-Product          | 1451670 | 801039 | 773557 | 311616 | 203900 | 422618 | 601814 | 354856 | 1449105 |
| 15 | Total Output                             | 1601872 | 883623 | 815779 | 325743 | 238749 | 447475 | 683693 | 457892 | 1954527 |
| 16 | Fuels Consumed                           | 20806   | 11529  | 19951  | 13711  | 12826  | 10724  | 24662  | 4906   | 19414   |
| 17 | Materials Consumed                       | 1072795 | 522847 | 657689 | 190441 | 131939 | 293794 | 378795 | 245698 | 1170860 |

|    | Characteristics               | 311     | 312    | 313    | 314    | 315    | 319    | 321    | 322    | 323     |
|----|-------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|---------|
| 18 | Total Inputs                  | 1266569 | 662072 | 727239 | 231025 | 184117 | 353237 | 493501 | 350274 | 1763535 |
| 19 | Gross Value Added             | 335303  | 221551 | 88540  | 94718  | 54632  | 94238  | 190192 | 107618 | 190992  |
| 20 | Depreciation                  | 25132   | 18384  | 22379  | 14041  | 11539  | 13514  | 41832  | 12034  | 62532   |
| 21 | Net Value Added               | 310171  | 203167 | 66161  | 80677  | 43093  | 80724  | 148360 | 95585  | 128460  |
| 22 | Net Fixed Capital Formation   | 19769   | 6848   | -10268 | -5381  | -5110  | 10922  | 21329  | 5879   | 36536   |
| 23 | Gross Fixed Capital Formation | 44901   | 25231  | 12111  | 8660   | 6429   | 24436  | 63161  | 17912  | 99068   |
| 24 | Addition in Stock of          | 93526   | 18739  | 1325   | 9015   | 8447   | 13590  | 10760  | -688   | 90144   |
|    | (a) Materials, Fuels etc.     | 42514   | 11243  | 45     | 6515   | 3051   | 8159   | 8723   | -4993  | 55138   |
|    | (b) Semi Finished Goods       | 37639   | 3035   | 422    | 837    | 523    | 2747   | 7      | -10102 | 3156    |
|    | (c) Finished Goods            | 13373   | 4461   | 858    | 1663   | 4873   | 2684   | 2030   | 14407  | 31850   |
| 25 | Gross Capital Formation       | 138428  | 43970  | 13436  | 17675  | 14877  | 38025  | 73920  | 17224  | 189212  |
| 26 | Income                        | 283424  | 184741 | 37061  | 75585  | 36739  | 73487  | 114916 | 73229  | 93836   |
| 27 | Profit                        | 157192  | 98261  | 2355   | 51780  | 15542  | 43813  | 41461  | 32806  | 36961   |

|    | Characteristics                          | 331    | 332    | 333   | 341      | 342    | 343     | 351    |
|----|------------------------------------------|--------|--------|-------|----------|--------|---------|--------|
| 1  | Number Of Factories                      | 694    | 128    | 169   | 124      | 365    | 2604    | 179    |
| 2  | Factories In Operation                   | 683    | 118    | 153   | 122      | 342    | 2576    | 169    |
| 3  | Fixed Capital                            | 192410 | 31089  | 29005 | 1240011  | 36194  | 1171927 | 46277  |
| 4  | Physical Working Capital                 | 119032 | 20920  | 18765 | 513624   | 25264  | 440444  | 124345 |
| 5  | Working Capital                          | 124137 | 22975  | 7709  | -169020  | 12396  | 361550  | -31827 |
| 6  | Invested Capital                         | 311442 | 52008  | 47770 | 1753635  | 61458  | 1612370 | 170622 |
| 7  | Gross Value Of Addition To Fixed Capital | 37895  | 8209   | 2636  | 452025   | 12268  | 381590  | 4409   |
| 8  | Rent Paid For Fixed Assets               | 4092   | 448    | 357   | 6001     | 405    | 17968   | 3579   |
| 9  | Outstanding Loan                         | 187288 | 14414  | 42460 | 797069   | 20934  | 491562  | 113750 |
| 10 | Interest Paid                            | 8798   | 2288   | 6161  | 26436    | 2554   | 45460   | 5324   |
| 11 | Rent Received For Fixed Assets           | 718    | 230    | 104   | 1039     | 194    | 2535    | 402    |
| 12 | Interest Received                        | 2632   | 810    | 131   | 12826    | 120    | 6642    | 1311   |
| 13 | Gross Value Of Plant & Machinery         | 177719 | 30162  | 54334 | 1838577  | 20850  | 1442206 | 51485  |
| 14 | Value Of Product And By-Product          | 656170 | 95754  | 67329 | 5704194  | 150245 | 3532217 | 161813 |
| 15 | Total Output                             | 775316 | 108320 | 78566 | 10355445 | 169079 | 3821354 | 236157 |
| 16 | Fuels Consumed                           | 12193  | 1730   | 1454  | 60117    | 3363   | 135503  | 3660   |
| 17 | Materials Consumed                       | 427845 | 35977  | 45559 | 4280418  | 120276 | 2339483 | 139539 |

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|    | Characteristics               | 331    | 332   | 333   | 341     | 342    | 343     | 351    |
|----|-------------------------------|--------|-------|-------|---------|--------|---------|--------|
| 18 | Total Inputs                  | 574769 | 53157 | 63015 | 9228775 | 140910 | 2933094 | 187010 |
| 19 | Gross Value Added             | 200547 | 55163 | 15551 | 1126670 | 28169  | 888260  | 49147  |
| 20 | Depreciation                  | 23056  | 3833  | 2406  | 196084  | 3273   | 164744  | 3885   |
| 21 | Net Value Added               | 177491 | 51330 | 13144 | 930586  | 24896  | 723516  | 45262  |
| 22 | Net Fixed Capital Formation   | 9697   | 3436  | 327   | 83036   | 8814   | 170060  | -462   |
| 23 | Gross Fixed Capital Formation | 32753  | 7269  | 2733  | 279120  | 12087  | 334804  | 3423   |
| 24 | Addition in Stock of          | 17510  | 2751  | -255  | 163822  | 5300   | 111686  | 47135  |
|    | (a) Materials, Fuels etc.     | 11043  | 2614  | -291  | 89462   | 3115   | 68215   | 43542  |
|    | (b) Semi Finished Goods       | 4946   | 455   | -263  | 20193   | 1938   | 28938   | 3894   |
|    | (c) Finished Goods            | 1521   | -318  | 299   | 54167   | 247    | 14533   | -301   |
| 25 | Gross Capital Formation       | 50263  | 10019 | 2478  | 442941  | 17388  | 446490  | 50558  |
| 26 | Income                        | 164601 | 48594 | 6625  | 898148  | 21937  | 660088  | 36360  |
| 27 | Profit                        | 97259  | 41169 | -5225 | 665683  | 7352   | 354164  | 7141   |

|    | Characteristics                          | 352    | 353   | 359     | 361    | 369     | 371   | 372   | Other   |
|----|------------------------------------------|--------|-------|---------|--------|---------|-------|-------|---------|
| 1  | Number Of Factories                      | 288    | 36    | 1485    | 861    | 1825    | 26    | 45    | 5121    |
| 2  | Factories In Operation                   | 283    | 36    | 1460    | 810    | 1758    | 25    | 44    | 4995    |
| 3  | Fixed Capital                            | 49601  | 29424 | 675488  | 95699  | 238474  | 1653  | 1259  | 2321298 |
| 4  | Physical Working Capital                 | 40352  | 30501 | 260939  | 75454  | 679886  | 1543  | 1908  | 271721  |
| 5  | Working Capital                          | 11378  | 24543 | 185558  | 67655  | 508717  | 4884  | 829   | 230741  |
| 6  | Invested Capital                         | 89953  | 59924 | 936427  | 171153 | 918360  | 3196  | 3167  | 2593017 |
| 7  | Gross Value Of Addition To Fixed Capital | 9544   | 9622  | 167582  | 14936  | 64624   | 608   | 186   | 567406  |
| 8  | Rent Paid For Fixed Assets               | 423    | 4584  | 6610    | 2019   | 4374    | 44    | 56    | 25979   |
| 9  | Outstanding Loan                         | 56567  | 54778 | 250796  | 92900  | 252319  | 2133  | 1731  | 1377373 |
| 10 | Interest Paid                            | 6389   | 438   | 22122   | 8930   | 37647   | 105   | 171   | 145985  |
| 11 | Rent Received For Fixed Assets           | 177    | 0     | 953     | 2112   | 446     | 0     | 1     | 2828    |
| 12 | Interest Received                        | 397    | 59    | 4430    | 253    | 20841   | 1     | 4     | 6393    |
| 13 | Gross Value Of Plant & Machinery         | 51241  | 10289 | 729980  | 73826  | 145840  | 1985  | 536   | 2049510 |
| 14 | Value Of Product And By-Product          | 191461 | 4721  | 3683622 | 314713 | 2526163 | 13849 | 10137 | 820545  |
| 15 | Total Output                             | 234222 | 58633 | 3871546 | 373485 | 2852725 | 19023 | 13235 | 4155084 |
| 16 | Fuels Consumed                           | 10743  | 3034  | 69523   | 10200  | 20016   | 713   | 437   | 209404  |
| 17 | Materials Consumed                       | 128329 | 12392 | 2669256 | 226839 | 2078631 | 10542 | 8809  | 440074  |

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|    | Characteristics               | 352    | 353   | 359     | 361    | 369     | 371   | 372   | Other   |
|----|-------------------------------|--------|-------|---------|--------|---------|-------|-------|---------|
| 18 | Total Inputs                  | 171861 | 25909 | 3125293 | 305684 | 2496330 | 15755 | 12387 | 3521471 |
| 19 | Gross Value Added             | 62361  | 32724 | 746253  | 67801  | 356395  | 3268  | 848   | 633613  |
| 20 | Depreciation                  | 4970   | 2550  | 88397   | 9627   | 32862   | 214   | 146   | 156518  |
| 21 | Net Value Added               | 57391  | 30174 | 657856  | 58174  | 323533  | 3054  | 701   | 477093  |
| 22 | Net Fixed Capital Formation   | 3416   | 5845  | 50798   | 3703   | 22618   | 330   | -22   | 178552  |
| 23 | Gross Fixed Capital Formation | 8386   | 8396  | 139194  | 13330  | 55480   | 544   | 124   | 335072  |
| 24 | Addition in Stock of          | 7307   | 5515  | 39398   | 9576   | 100007  | -813  | 132   | 40685   |
|    | (a) Materials, Fuels etc.     | 3614   | 5274  | 34292   | 6555   | 57544   | -240  | 262   | 37464   |
|    | (b) Semi Finished Goods       | 1471   | 250   | 7282    | 1483   | 8688    | 0     | -182  | 799     |
|    | (c) Finished Goods            | 2222   | -9    | -2176   | 1538   | 33775   | -573  | 52    | 2422    |
| 25 | Gross Capital Formation       | 15693  | 13911 | 178592  | 22906  | 155486  | -269  | 256   | 375756  |
| 26 | Income                        | 50580  | 25151 | 629124  | 47225  | 281512  | 2906  | 474   | 305131  |
| 27 | Profit                        | 25692  | 11104 | 442512  | 13335  | 160916  | 1914  | 115   | 188942  |

EMPLOYMENT AND EMOLUMENTS AT INDUSTRY (NIC 98 – 3 DIGIT) BY STATE  
(WAGES IN RS. LAKHS; OTHERS IN NUMBER)

All India

| Sl. No.                                                 | Characteristics                       | All     | 014    | 142   | 151    | 152   | 153    | 154    | 155   | 160    | 171    |
|---------------------------------------------------------|---------------------------------------|---------|--------|-------|--------|-------|--------|--------|-------|--------|--------|
| A. No. of Persons Engaged                               |                                       | 8453628 | 108080 | 12509 | 171769 | 83802 | 334411 | 657494 | 95449 | 473351 | 990588 |
| 1                                                       | Workers                               | 6599298 | 91041  | 11504 | 135135 | 55898 | 258423 | 533508 | 73090 | 449853 | 849414 |
| 1.1                                                     | Directly Employed                     | 4851233 | 64403  | 3224  | 71695  | 41064 | 146167 | 480645 | 40253 | 171507 | 759800 |
|                                                         | Men                                   | 3863691 | 40289  | 2430  | 57383  | 39564 | 121837 | 287659 | 35894 | 55056  | 667142 |
|                                                         | Women                                 | 987497  | 24114  | 794   | 14312  | 1500  | 24330  | 192941 | 4359  | 116451 | 92658  |
|                                                         | Children                              | 45      | 0      | 0     | 0      | 0     | 0      | 45     | 0     | 0      | 0      |
| 1.2                                                     | Employed Through Contractors          | 1748065 | 26638  | 8279  | 63440  | 14834 | 112255 | 52864  | 32837 | 278346 | 89614  |
| 2                                                       | Employees Other Than Workers          | 1783978 | 14715  | 881   | 34857  | 27748 | 64572  | 121281 | 21799 | 20813  | 136951 |
| 2.1                                                     | Supervisory and Managerial            | 794178  | 4528   | 327   | 13689  | 9045  | 22554  | 34399  | 8536  | 6101   | 65099  |
| 2.2                                                     | Other Employees                       | 989800  | 10187  | 554   | 21168  | 18703 | 42018  | 86882  | 13263 | 14712  | 71852  |
| 3                                                       | Unpaid family members/proprietor etc. | 70351   | 2324   | 124   | 1778   | 156   | 11416  | 2704   | 560   | 2685   | 4222   |
| B. Total Man days Employed (in '000)                    |                                       | 2544598 | 19151  | 2918  | 50013  | 29187 | 81441  | 180291 | 29929 | 139191 | 325058 |
| C. Wages and Salaries Including Employers' Contribution |                                       | 7831282 | 18354  | 4139  | 87169  | 95087 | 112217 | 363657 | 83706 | 116243 | 691346 |
| 1                                                       | Wages and Salary Including Bonus      | 6440594 | 17622  | 3896  | 77634  | 81530 | 103728 | 309078 | 72338 | 102904 | 578676 |
| 1.1                                                     | Wages and Salary                      | 6104796 | 17212  | 3796  | 74024  | 78365 | 99467  | 287609 | 68946 | 98145  | 548286 |
| 1.1.1                                                   | Workers                               | 3363505 | 13320  | 3214  | 44358  | 38338 | 63180  | 175766 | 37625 | 80514  | 397147 |
| 1.1.2                                                   | Supervisory & Managerial              | 1810322 | 1860   | 268   | 18158  | 18850 | 19520  | 50512  | 19626 | 10707  | 95853  |
| 1.1.3                                                   | Other Employees                       | 930969  | 2032   | 314   | 11508  | 21177 | 16767  | 61331  | 11695 | 6924   | 55286  |
| 1.2                                                     | Bonus to All Staff                    | 335798  | 410    | 101   | 3610   | 3166  | 4262   | 21469  | 3393  | 4759   | 30391  |
| 2                                                       | Employers' Contribution               | 1390688 | 732    | 243   | 9535   | 13557 | 8489   | 54579  | 11368 | 13339  | 112670 |

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| Sl. No.                                                        | Characteristics                       | 172   | 173    | 181    | 182 * | 191   | 192   | 201  | 202   | 210    | 221   |
|----------------------------------------------------------------|---------------------------------------|-------|--------|--------|-------|-------|-------|------|-------|--------|-------|
| <b>A. No. of Persons Engaged</b>                               |                                       |       |        |        |       |       |       |      |       |        |       |
| 1                                                              | Workers                               | 90495 | 136571 | 386566 | 1040  | 41949 | 84655 | 8090 | 29919 | 138094 | 23204 |
| 1.1                                                            | Directly Employed                     | 70340 | 120166 | 342780 | 819   | 34566 | 74416 | 7538 | 24310 | 103517 | 21056 |
|                                                                | Men                                   | 54632 | 78003  | 142651 | 813   | 26302 | 49544 | 5641 | 22883 | 94737  | 20729 |
|                                                                | Women                                 | 15708 | 42163  | 200129 | 6     | 8264  | 24872 | 1897 | 1427  | 8780   | 327   |
|                                                                | Children                              | 0     | 0      | 0      | 0     | 0     | 0     | 0    | 0     | 0      | 0     |
| 1.2                                                            | Employed Through Contractors          | 20154 | 16404  | 43786  | 221   | 7383  | 10240 | 552  | 5608  | 34576  | 2148  |
| 2                                                              | Employees Other Than Workers          | 21271 | 23352  | 60900  | 183   | 8975  | 13112 | 1993 | 8795  | 38278  | 27354 |
| 2.1                                                            | Supervisory and Managerial            | 8578  | 9085   | 29197  | 110   | 4088  | 6222  | 1026 | 4228  | 18298  | 8048  |
| 2.2                                                            | Other Employees                       | 12693 | 14267  | 31703  | 73    | 4887  | 6890  | 967  | 4567  | 19980  | 19306 |
| 3                                                              | Unpaid family members/proprietor etc. | 942   | 1208   | 1485   | 1     | 606   | 580   | 927  | 894   | 1738   | 231   |
| <b>B. Total Man days Employed (in '000)</b>                    |                                       | 33818 | 48418  | 134159 | 301   | 15095 | 29083 | 2732 | 11204 | 57952  | 17452 |
| <b>C. Wages and Salaries Including Employers' Contribution</b> |                                       |       |        |        |       |       |       |      |       |        |       |
| 1                                                              | Wages and Salary Including Bonus      | 61551 | 74724  | 222218 | 515   | 23575 | 45189 | 2681 | 16229 | 133920 | 79480 |
| 1.1                                                            | Wages and Salary                      | 57930 | 69347  | 209215 | 499   | 21503 | 41970 | 2537 | 15436 | 126843 | 76931 |
| 1.1.1                                                          | Workers                               | 33960 | 49350  | 138665 | 360   | 14279 | 29861 | 1770 | 9290  | 77216  | 21991 |
| 1.1.2                                                          | Supervisory & Managerial              | 14874 | 11081  | 48962  | 106   | 4724  | 7906  | 451  | 3849  | 32327  | 25710 |
| 1.1.3                                                          | Other Employees                       | 9096  | 8916   | 21588  | 33    | 2500  | 4203  | 316  | 2297  | 17300  | 29230 |
| 1.2                                                            | Bonus to All Staff                    | 3622  | 5377   | 13003  | 15    | 2071  | 3219  | 144  | 794   | 7077   | 2549  |
| 2                                                              | Employers' Contribution               | 8861  | 8493   | 34847  | 56    | 4286  | 7334  | 245  | 2456  | 28135  | 15662 |

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| Sl. No.                                                        | Characteristics                       | 222   | 223  | 231   | 232    | 241    | 242    | 243   | 251    | 252    | 261   |
|----------------------------------------------------------------|---------------------------------------|-------|------|-------|--------|--------|--------|-------|--------|--------|-------|
| <b>A. No. of Persons Engaged</b>                               |                                       | 62841 | 1815 | 31646 | 47824  | 201697 | 556854 | 26355 | 115481 | 188995 | 52099 |
| 1                                                              | Workers                               | 46374 | 982  | 25178 | 34871  | 135952 | 379095 | 21003 | 88829  | 139918 | 41274 |
| 1.1                                                            | Directly Employed                     | 42278 | 794  | 18156 | 19235  | 90297  | 270984 | 17765 | 73685  | 104303 | 30807 |
|                                                                | Men                                   | 38447 | 750  | 17216 | 19064  | 88638  | 187644 | 16996 | 68121  | 94036  | 29479 |
|                                                                | Women                                 | 3831  | 44   | 940   | 171    | 1659   | 83340  | 769   | 5564   | 10267  | 1328  |
|                                                                | Children                              | 0     | 0    | 0     | 0      | 0      | 0      | 0     | 0      | 0      | 0     |
| 1.2                                                            | Employed Through Contractors          | 4096  | 189  | 7021  | 15635  | 45655  | 108111 | 3238  | 15143  | 35615  | 10467 |
| 2                                                              | Employees Other Than Workers          | 15041 | 817  | 6331  | 12887  | 65008  | 174941 | 5339  | 25922  | 46172  | 10491 |
| 2.1                                                            | Supervisory and Managerial            | 6468  | 341  | 2084  | 7642   | 32425  | 70922  | 3123  | 12074  | 20829  | 5154  |
| 2.2                                                            | Other Employees                       | 8573  | 476  | 4247  | 5245   | 32583  | 104019 | 2216  | 13848  | 25343  | 5337  |
| 3                                                              | Unpaid family members/proprietor etc. | 1426  | 16   | 137   | 67     | 737    | 2818   | 14    | 731    | 2904   | 333   |
| <b>B. Total Man days Employed (in '000)</b>                    |                                       | 18567 | 535  | 10124 | 16370  | 68632  | 170637 | 9310  | 36369  | 57702  | 16581 |
| <b>C. Wages and Salaries Including Employers' Contribution</b> |                                       | 47668 | 2446 | 33401 | 169508 | 425383 | 620620 | 50956 | 121182 | 140188 | 45944 |
| 1                                                              | Wages and Salary Including Bonus      | 40544 | 2102 | 28311 | 125492 | 330366 | 523044 | 39310 | 98708  | 120811 | 38197 |
| 1.1                                                            | Wages and Salary                      | 37889 | 1980 | 26983 | 117353 | 307718 | 494520 | 36923 | 93342  | 114137 | 36088 |
| 1.1.1                                                          | Workers                               | 21725 | 549  | 18203 | 65428  | 140101 | 186167 | 23313 | 58560  | 55829  | 20584 |
| 1.1.2                                                          | Supervisory & Managerial              | 10014 | 923  | 4812  | 37416  | 106942 | 187540 | 10785 | 22135  | 39195  | 10586 |
| 1.1.3                                                          | Other Employees                       | 6150  | 508  | 3968  | 14509  | 60675  | 120813 | 2825  | 12647  | 19113  | 4918  |
| 1.2                                                            | Bonus to All Staff                    | 2655  | 122  | 1328  | 8139   | 22648  | 28524  | 2387  | 5365   | 6673   | 2108  |
| 2                                                              | Employers' Contribution               | 7124  | 344  | 5090  | 44016  | 95017  | 97576  | 11646 | 22474  | 19377  | 7747  |

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| Sl. No.                                                        | Characteristics                       | 269    | 271    | 272    | 273    | 281    | 289    | 291    | 292    | 293   | 300   |
|----------------------------------------------------------------|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| <b>A. No. of Persons Engaged</b>                               |                                       |        |        |        |        |        |        |        |        |       |       |
| 1                                                              | Workers                               | 472330 | 396370 | 79863  | 101073 | 111492 | 208134 | 208089 | 200435 | 29524 | 25850 |
| 1.1                                                            | Directly Employed                     | 381337 | 294973 | 57463  | 78824  | 83490  | 160251 | 137298 | 139238 | 21638 | 15142 |
|                                                                | Men                                   | 211739 | 206768 | 39290  | 54215  | 44254  | 109651 | 105434 | 110591 | 17491 | 10288 |
|                                                                | Women                                 | 189030 | 204584 | 38659  | 53328  | 43784  | 105378 | 103574 | 108618 | 15732 | 8441  |
|                                                                | Children                              | 22709  | 2184   | 631    | 887    | 470    | 4273   | 1860   | 1973   | 1759  | 1847  |
|                                                                |                                       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0     |
| 1.2                                                            | Employed Through Contractors          | 169598 | 88204  | 18173  | 24608  | 39236  | 50600  | 31864  | 28647  | 4146  | 4854  |
| 2                                                              | Employees Other Than Workers          | 82470  | 100118 | 21887  | 21263  | 27054  | 44575  | 69363  | 58887  | 7577  | 10682 |
| 2.1                                                            | Supervisory and Managerial            | 37229  | 49509  | 12540  | 11077  | 13712  | 20687  | 32889  | 30237  | 3216  | 4645  |
| 2.2                                                            | Other Employees                       | 45241  | 50609  | 9347   | 10186  | 13342  | 23888  | 36474  | 28650  | 4361  | 6037  |
| 3                                                              | Unpaid family members/proprietor etc. | 8523   | 1279   | 514    | 987    | 948    | 3308   | 1428   | 2310   | 310   | 26    |
| <b>B. Total Man days Employed (in '000)</b>                    |                                       | 126690 | 133695 | 26281  | 30500  | 33226  | 61896  | 62875  | 60217  | 8782  | 7755  |
| <b>C. Wages and Salaries Including Employers' Contribution</b> |                                       |        |        |        |        |        |        |        |        |       |       |
| 1                                                              | Wages and Salary Including Bonus      | 305109 | 693306 | 138878 | 84605  | 113649 | 166885 | 303904 | 287769 | 33667 | 44609 |
| 1.1                                                            | Wages and Salary                      | 250692 | 536007 | 108014 | 70806  | 95654  | 142876 | 246056 | 223275 | 25880 | 38185 |
| 1.1.1                                                          | Workers                               | 239507 | 518617 | 102989 | 66657  | 92608  | 134665 | 233529 | 210512 | 24405 | 37060 |
| 1.1.2                                                          | Supervisory & Managerial              | 140109 | 293126 | 56924  | 39460  | 50850  | 76059  | 107255 | 97653  | 12761 | 9877  |
| 1.1.3                                                          | Other Employees                       | 62814  | 167051 | 34768  | 19404  | 26977  | 39282  | 85972  | 81404  | 7289  | 17900 |
| 1.2                                                            | Bonus to All Staff                    | 36584  | 58440  | 11297  | 7793   | 14781  | 19324  | 40302  | 31455  | 4355  | 9283  |
|                                                                |                                       | 11185  | 17391  | 5025   | 4148   | 3046   | 8211   | 12527  | 12764  | 1475  | 1125  |
| 2                                                              | Employers' Contribution               | 54417  | 157299 | 30864  | 13799  | 17995  | 24009  | 57848  | 64494  | 7787  | 6424  |

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| Sl. No.                                                        | Characteristics                       | 311    | 312   | 313   | 314   | 315   | 319   | 321   | 322   | 323   | 331   |
|----------------------------------------------------------------|---------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>A. No. of Persons Engaged</b>                               |                                       | 72270  | 56998 | 33161 | 19878 | 23722 | 31161 | 49147 | 23190 | 29675 | 44625 |
| 1                                                              | Workers                               | 50681  | 38688 | 23945 | 13906 | 17905 | 23521 | 33794 | 14917 | 19695 | 29692 |
| 1.1                                                            | Directly Employed                     | 40368  | 30697 | 17358 | 9023  | 13858 | 18364 | 26183 | 11846 | 14587 | 25346 |
|                                                                | Men                                   | 38709  | 27221 | 16605 | 8190  | 11603 | 13824 | 18450 | 9272  | 11238 | 21816 |
|                                                                | Women                                 | 1659   | 3476  | 753   | 833   | 2255  | 4540  | 7733  | 2574  | 3349  | 3530  |
|                                                                | Children                              | 0      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 1.2                                                            | Employed Through Contractors          | 10312  | 7991  | 6588  | 4883  | 4047  | 5157  | 7611  | 3071  | 5107  | 4345  |
| 2                                                              | Employees Other Than Workers          | 21310  | 17990 | 9043  | 5888  | 5671  | 7489  | 15256 | 8226  | 9914  | 14774 |
| 2.1                                                            | Supervisory and Managerial            | 11501  | 9840  | 4712  | 2572  | 2430  | 3777  | 8966  | 5052  | 5171  | 7678  |
| 2.2                                                            | Other Employees                       | 9809   | 8150  | 4331  | 3316  | 3241  | 3712  | 6290  | 3174  | 4743  | 7096  |
| 3                                                              | Unpaid family members/proprietor etc. | 279    | 320   | 173   | 84    | 147   | 150   | 97    | 48    | 65    | 159   |
| <b>B. Total Man days Employed (in '000)</b>                    |                                       | 21840  | 17275 | 10284 | 6093  | 7293  | 9399  | 15143 | 6931  | 9334  | 13048 |
| <b>C. Wages and Salaries Including Employers' Contribution</b> |                                       | 126232 | 86480 | 34706 | 23805 | 21197 | 29675 | 73455 | 40424 | 56876 | 67343 |
| 1                                                              | Wages and Salary Including Bonus      | 97974  | 68720 | 28674 | 19054 | 17616 | 24517 | 59382 | 32185 | 47231 | 56469 |
| 1.1                                                            | Wages and Salary                      | 93125  | 64960 | 27322 | 18289 | 16635 | 23019 | 56991 | 31161 | 41158 | 53378 |
| 1.1.1                                                          | Workers                               | 46545  | 28038 | 14520 | 9504  | 9155  | 11813 | 23170 | 12061 | 11933 | 21913 |
| 1.1.2                                                          | Supervisory & Managerial              | 34601  | 28491 | 8877  | 5505  | 4806  | 7701  | 25646 | 14431 | 20903 | 24168 |
| 1.1.3                                                          | Other Employees                       | 11979  | 8431  | 3925  | 3280  | 2674  | 3505  | 8175  | 4669  | 8322  | 7297  |
| 1.2                                                            | Bonus to All Staff                    | 4850   | 3760  | 1352  | 765   | 981   | 1497  | 2391  | 1025  | 6074  | 3091  |
| 2                                                              | Employers' Contribution               | 28258  | 17760 | 6032  | 4751  | 3581  | 5158  | 14073 | 8239  | 9645  | 10874 |

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| Sl. No.                                                        | Characteristics                       | 332  | 333   | 341    | 342   | 343    | 351   | 352   | 353   | 359    | 361   |
|----------------------------------------------------------------|---------------------------------------|------|-------|--------|-------|--------|-------|-------|-------|--------|-------|
| <b>A. No. of Persons Engaged</b>                               |                                       | 6923 | 10437 | 79780  | 22577 | 234463 | 23093 | 26825 | 3781  | 131322 | 30986 |
| 1                                                              | Workers                               | 4795 | 7868  | 58761  | 18814 | 177657 | 18117 | 21135 | 2314  | 100922 | 22546 |
| 1.1                                                            | Directly Employed                     | 4402 | 7108  | 50802  | 8479  | 124308 | 8658  | 11568 | 2300  | 81155  | 15966 |
|                                                                | Men                                   | 3156 | 4485  | 50355  | 8410  | 118557 | 8626  | 11445 | 2253  | 79116  | 15521 |
|                                                                | Women                                 | 1246 | 2623  | 447    | 69    | 5751   | 32    | 123   | 47    | 2039   | 445   |
|                                                                | Children                              | 0    | 0     | 0      | 0     | 0      | 0     | 0     | 0     | 0      | 0     |
| 1.2                                                            | Employed Through Contractors          | 392  | 760   | 7959   | 10335 | 53349  | 9459  | 9566  | 15    | 19767  | 6580  |
| 2                                                              | Employees Other Than Workers          | 2078 | 2487  | 20985  | 3639  | 56107  | 4892  | 5549  | 1465  | 29720  | 8059  |
| 2.1                                                            | Supervisory and Managerial            | 923  | 1331  | 13746  | 1741  | 29492  | 1957  | 2195  | 545   | 15781  | 4147  |
| 2.2                                                            | Other Employees                       | 1155 | 1156  | 7239   | 1898  | 26615  | 2935  | 3354  | 920   | 13939  | 3912  |
| 3                                                              | Unpaid family members/proprietor etc. | 50   | 82    | 33     | 124   | 699    | 84    | 140   | 2     | 680    | 380   |
| <b>B. Total Man days Employed (in '000)</b>                    |                                       | 2082 | 3129  | 25897  | 6781  | 70941  | 6384  | 8136  | 1167  | 40769  | 9410  |
| <b>C. Wages and Salaries Including Employers' Contribution</b> |                                       | 7425 | 11850 | 232466 | 14586 | 305923 | 29218 | 24888 | 14047 | 186612 | 33890 |
| 1                                                              | Wages and Salary Including Bonus      | 6369 | 9108  | 177816 | 13016 | 248322 | 25567 | 20149 | 12558 | 148534 | 28011 |
| 1.1                                                            | Wages and Salary                      | 6049 | 8729  | 169356 | 12539 | 233714 | 25053 | 19154 | 12301 | 141852 | 27297 |
| 1.1.1                                                          | Workers                               | 2648 | 4928  | 95554  | 8471  | 122293 | 16115 | 11861 | 6250  | 73931  | 15764 |
| 1.1.2                                                          | Supervisory & Managerial              | 2476 | 2441  | 59613  | 2843  | 83159  | 4829  | 4729  | 2443  | 53353  | 8687  |
| 1.1.3                                                          | Other Employees                       | 925  | 1360  | 14189  | 1225  | 28262  | 4109  | 2564  | 3608  | 14568  | 2846  |
| 1.2                                                            | Bonus to All Staff                    | 320  | 379   | 8459   | 477   | 14609  | 515   | 995   | 256   | 6683   | 715   |
| 2                                                              | Employers' Contribution               | 1056 | 2742  | 54650  | 1570  | 57601  | 3651  | 4739  | 1489  | 38078  | 5879  |

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| Sl. No.                                                 | Characteristics                       |  | 369    | 371  | 372 | Other  |
|---------------------------------------------------------|---------------------------------------|--|--------|------|-----|--------|
| A. No. of Persons Engaged                               |                                       |  |        |      |     |        |
| 1                                                       | Workers                               |  | 145228 | 1292 | 923 | 152542 |
| 1.1                                                     | Directly Employed                     |  | 115331 | 1190 | 726 | 100800 |
|                                                         | Men                                   |  | 93550  | 1105 | 422 | 77484  |
|                                                         | Women                                 |  | 72229  | 1102 | 299 | 76496  |
|                                                         | Children                              |  | 21321  | 3    | 123 | 988    |
|                                                         |                                       |  | 0      | 0    | 0   | 0      |
| 1.2                                                     | Employed Through Contractors          |  | 21781  | 85   | 304 | 23316  |
| 2                                                       | Employees Other Than Workers          |  | 28894  | 100  | 168 | 49619  |
| 2.1                                                     | Supervisory and Managerial            |  | 11339  | 46   | 63  | 19211  |
| 2.2                                                     | Other Employees                       |  | 17555  | 54   | 105 | 30408  |
| 3                                                       | Unpaid family members/proprietor etc. |  | 1003   | 2    | 29  | 2122   |
| B. Total Man days Employed (in '000)                    |                                       |  |        |      |     |        |
| C. Wages and Salaries Including Employers' Contribution |                                       |  |        |      |     |        |
| 1                                                       | Wages and Salary Including Bonus      |  | 120597 | 992  | 359 | 116190 |
| 1.1                                                     | Wages and Salary                      |  | 105764 | 840  | 325 | 100583 |
| 1.1.1                                                   | Workers                               |  | 100936 | 824  | 311 | 95109  |
| 1.1.2                                                   | Supervisory & Managerial              |  | 64859  | 712  | 194 | 46542  |
| 1.1.3                                                   | Other Employees                       |  | 22196  | 71   | 65  | 29738  |
| 1.2                                                     | Bonus to All Staff                    |  | 13881  | 41   | 52  | 18829  |
| 2                                                       | Employers' Contribution               |  | 4829   | 16   | 13  | 5470   |
|                                                         |                                       |  |        |      |     |        |
|                                                         |                                       |  | 14833  | 152  | 34  | 15607  |

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