



GOVERNMENT OF KERALA

ANNUAL SURVEY OF INDUSTRIES
1975-76

KERALA STATE

DIRECTORATE OF ECONOMICS AND STATISTICS
TRIVANDRUM

1981



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DEPARTMENT OF COMMERCE

OFFICE OF ECONOMIC AND STATISTICAL INVESTIGATION

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PREFACE

This report on the Annual Survey of Industries 1975-76 is the eleventh in its series and provides a broad outline of the pattern of growth of the factory sector in general and individual industry groups in particular. Besides presenting a few salient features of the factory sector as usual an attempt has been made in this report to highlight the relative performance of various industry groups as against the corresponding groups in the all India estimates with the aid of certain selected structural ratios. In order to project the relative importance of States in the industrial map of India a few aspects of the factory sector of major states and of the country as a whole has been presented in this report.

This report has been prepared by Sri T. V. Issac, Research Officer and Sri P. J. Basil, Assistant Director with the assistance of Sri A. Sivaraman, Research Assistant, Sri A. Kurian Abraham, Sri P. A. Varghese, Sri A. Sudevan, Smt. C. Padma and Smt. B. Ponnammal, Compilers of the Industrial Statistics Unit of the Directorate.

I hope that this report will be useful to Planners, Administrators and Researchers. Suggestions for the improvement of the report will be most welcome.

Trivandrum,
28-2-1981.

Dr. P. A. NAIR,
*Director, Directorate of Economics
and Statistics.*

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ANNUAL SURVEY OF INDUSTRIES 1975-76

INTRODUCTION

The Annual Survey of Industries is the principal source of industrial statistics in the country. It is conducted every year under the statutory provisions of the Collection of Statistics Act, 1953 and Collection of Statistics Rules, 1959 framed thereunder. The field work of the survey is being done by the National Sample Survey Organisation, Government of India.

SCOPE AND COVERAGE

The annual Survey of Industries covers the entire factory sector which comprises all industrial units registered under section 2 m(1) and (2) m(2) of the Factories Act, 1948. Units which are using power and employing 10 or more workers and units which are not using power and employing 20 or more workers on any day during accounting year are respectively registered under the above sections of the Act. Units which are not strictly carrying out any manufacturing activity but are covered by the Factories Act, 1948 like production and distribution of electricity, gas and water and services like sanitary services (pumping and storage), cinema studies, laundries and job dyeing are included in the survey. But oil storage and distribution units, units controlled by the defence industry, restaurants and cafes and technical training institutions not producing anything for sale or exchange are excluded from the purview of the survey.

The primary unit of the enumeration is the factory for all industries other than electric light and power, in which case the unit of enumeration is an undertaking like a State Electricity Board or a licensee under the Indian Electricity Act concerned with the generation, transmission and distribution of electricity.

The frame for the A.S.I. 1975-76 consisted of—

- (1) all electricity undertaking as on 31st December, 1975
- (2) all factories registered under the Factories Act, 1948 as on 1974 and supplemented by factories newly registered during 1975 and not covered by (1) above.

(3) All units in the beedi industry which employed 16 or more workers and using power and units employing 20 or more workers and not using power and registered under Beedi and Cigar Workers (Conditions of Employment) Act 1966, but not covered by (2) above

For the purpose of A.S.I. factories are classified into census sector and non-census sector factories. Factories which are employing 50 or more workers and using power and factories which are employing 100 or more workers and not using power are covered by the census sector. All units in the electric light and power industry are also included in the census sector irrespective of the size of employment. All remaining factories in the frame constitute the non-census sector.

All units in the census sector and the following categories of factories in the non-census sector are completely enumerated

- (i) units in the beedi industry.
- (ii) industry groups in each of which there were less than 50 units in the entire country.
- (iii) units within the state as listed in Annexure I.

Besides the units in the census sector and those in the above industry groups one half of the units in the non-census sector were surveyed by the National Sample Survey Organisation. The remaining units in the non-census sector were enumerated by the Directorate of Economics and Statistics so as to achieve complete coverage of the non-census sector also in one year. Out of a total of 2,443 units 2,239 units have responded to the survey of which 662 units were in the census sector.

REFERENCE YEAR

The reference period for A.S.I. 1975-76 was the year 1st April 1975 to 31st March 1976.

The National Industrial Classification 1970 has been adopted for the classification of units covered by the survey.

LIMITATIONS

The report relates only to the factories responded to the survey. Since Kerala State Electricity Board which accounts for nearly 50% of the fixed capital investment in the factory sector of the state

did not respond to the survey in time the details of which could not be incorporated in the report. Hence comparison of major industrial characteristics presented in this report with those of previous years has become difficult. Still unlike the previous years reports the data presented in this report based on complete enumeration has distinct advantages over the previous years in that they represent a more realistic picture of the factory sector of the State.

CONCEPTS AND DEFINITIONS

The concepts and definitions of the various aggregations presented in this report are given below:

1. Registered factory is one registered under the Factories Act, 1948 employing 10 or more workers and using power and 20 or more workers and not using power. Closed factories are also included till they are deleted from the lists maintained by the Chief Inspectors of Factories in the States.
2. Gross value of plant and machinery represents the total original (undepreciated) value of plant and machinery as at the end of the accounting year. It included the book value of own constructed plant and machinery, if installed, and the approximate value of rented in plant and machinery at the time of renting-in but excludes the rented-out plant and machinery. The total value of plant and machinery acquired on hire purchase basis is also included.
3. Fixed capital represents the depreciated value of all fixed assets of the factory as on the closing day of the accounting year. Fixed capital covers all goods new or used that have a normal economic life of one year or more (for example land, buildings including those under construction, plant and machinery, transport equipment etc.). It includes the fixed assets of the head office allocable to the factory. Assets solely used for post manufacture, distribution as well as intangible assets are, however, excluded from fixed capital.
4. Working capital comprises stock of materials, stores, fuels, semi-finished goods and finished goods, cash in hand and at bank, net balance of amounts receivable over amounts payable

as at the end of the accounting year. It excludes fixed deposits, long-term loans and investments.

5. Productive capital is the total of fixed capital and working capital as defined above.

6. Invested capital is the total of fixed capital and physical working capital comprising stocks of materials, stores, fuels, etc., semi-finished goods and finished products and by-products as at the end of the accounting year.

7. Outstanding loan represents all loans whether short-term or long term, whether interest bearing or not, remaining outstanding according to the books of the factory on the closing day of the accounting year.

8. Workers: The term 'worker' is used in the same sense as defined in section 2 (1) of the Factories Act, 1948 where a worker is defined as a person employed directly or through any agency whether for wages or not, in any manufacturing process or in cleaning any part of the machinery or premises used for manufacturing process or the subject of the manufacturing process. However, persons holding positions of supervision and management or employed in a confidential position are excluded.

9. Employees relate to all persons engaged by the factory in work connected directly or indirectly with the manufacturing process and include all administrative, technical and clerical staff as also labour engaged in production of capital assets for factory's own use. It includes employees in the so-called sales department as also those engaged in purchase of raw materials etc., and fixed assets for the factory. They also include the proprietors and partners and their unpaid family members who work in or outside the factory. Persons in the head office connected with the manufacturing activity of the factory are also included in this item.

The number of workers or employees is an average number per working day (days on which the manufacturing process was carried on). It is calculated by adding for each category, persons attending and on leave with pay (including those on strike but excluding those on unlimited leave, leave without pay) in

each shift over all the shifts worked on all days (working and non-working) and dividing the result by the number of days on which the manufacturing process was carried on.

10. Man-days worked represent the total number of man-days worked by the factory during the accounting year. It is obtained by summing up the number of persons of all categories attending in each shift over all the shifts worked on all days (working and non-working).

11. Wages includes all payments made to workers in cash as compensation for work done during the year. Benefits in kind in respect of supplies made or services rendered such as housing, medical, education and recreational facilities are included in this item. It excludes factory expenses in the shape of employer's contribution to provident fund, pension, gratuity or similar other charges.

12. Fuels consumed represent the total purchase value of all items of fuels, lubricants, electricity, water etc., consumed by the factory during the survey year and excludes that part of fuels which is produced and consumed by the factory.

13. Materials consumed represent the total value of all items of raw materials, chemicals, packing materials and stores actually consumed during the survey year for manufacturing including capital assets for factory's own use. It excludes the intermediate product i.e. goods produced within the factory and consumed for further manufacture.

14. Total input comprises all manufacturing costs of the factory included in it are the costs of fuels and materials consumed (as defined above) for manufacture as well as for repair and maintenance of factory's fixed assets, office supplies, stationery, technical magazines and periodicals etc., purchase value of products reported for sale in the previous year but consumed during the survey year for further manufacture and the costs of services purchased.

15. Products: The term 'product' represents the ex-factory value (that is exclusive of taxes, duties etc. on sales) of all finished products and by-products manufactured during the

survey year. It excludes the value of intermediate products i.e. those produced and consumed in further manufacture during the survey year. It excludes the value of intermediate products i.e. those produced and consumed in further manufactures in a factory but includes the value of assets produced for factory's own use.

16. Net value of semi-finished goods: It represents the excess of value of goods in process at the end of the accounting year over that at the beginning of the year. It includes the value of semi-finished goods of last year sold in the current year.

17. Total output is the ex-factory value of products (as defined above) and the value of services rendered by the factory for others during the survey year. It includes the net value of semi-finished goods (as defined above) and sale value of goods sold in the same condition as purchased.

18. Depreciation is the consumption of fixed capital by the factory during the survey year and is taken as provided for by the factory and is estimated on the basis of cost of installation and working life of the fixed assets calculated in terms of the number of years.

19. Value added by manufactures provides a measure of the contribution made by resources of labour and capital equipment in producing the output of an activity and is obtained by deducting from the total value of output, the total value of input and depreciation.

20. Net income represents the share of employees and entrepreneur in the value added and is obtained by deducting the factory payments to others from the value added.

21. Operating surplus is the excess of the value added (as defined above) over the cost of employee compensation (i.e. emoluments).

22. Pre-tax profits is the excess of the net income (as defined above) over the cost of employee compensation (i.e. emoluments).

23. Small scale industrial unit is defined as one having investments in fixed assets in plant and machinery not exceeding Rs. 10 lakhs.

SECTION I

SUMMARY OF RESULTS

The summary of results of the survey are presented in table 1.1. below:

TABLE 1.1

Summary of Results

Sl. No.	Major characteristics	Unit	India 1975-76	Kerala(1975-76)	
				Actuals	% to A.S. all India
1.	Factories	Number	71705	2239	3.12
2.	Fixed capital	Rs. crores	14029	249	1.77
3.	Productive capital	,,	20432	377	1.85
4.	Invested capital	,,	23217	443	1.90
5.	Employees	('000)	6381	219	3.43
6.	Emoluments	Rs. crores	3463	84	2.43
7.	Output	,,	29867	858	2.87
8.	Value added by manufacture	,,	6387	149	2.34
9.	Net income	,,	5139	125	2.45

There were 2,239 factories in the State during the year under report. These factories utilised a fixed capital of Rs. 249 crores and a productive capital of Rs. 377 crores, employed 219 thousands of persons, produced output worth Rs. 858 crores and generated value added by manufacture worth Rs. 149 crores.

Though the percentage of factories in the State was 3.12 of the total factories in the country the fixed capital employed by these factories contributed only 1.77% of the all India total. This shows that the fixed capital investment per factory in the State was less than that of an average Indian factory. Though the employment in the factory sector of Kerala formed 3.43% of the total for all India the emoluments received by these employees constituted only 2.43% of the total for the country as a whole. The low share of the employees of the State in the National Wage Bill was due to the fact that the bulk of factory employment in the State was in the cashewnut processing industry where the average annual emoluments are very low on account of the seasonal nature of the industry. The value added by manufactured and net income earned by the factory constituted 2.33 and 2.45 per cent respectively of the total for the country as a whole.

Some important structural ratios in respect of the factory sector as a whole is presented in Table 1.2

TABLE 1.2

Some important structural ratios—All industries

Sl. No.	Structural ratio	Unit	Kerala (1975-76)	India (1975-76)
1	2	3	4	5
1.	Fixed capital per factory	Rs.lakhs	11.13	19.57
2.	Productive capital per factory	„	16.83	28.49
3.	Employees per factory	Number	98	89
4.	Output per factory	Rs.lakhs	38.34	41.65
5.	Value added per factory	„	6.65	8.91
6.	Fixed capital per Employee	Rs.	11381	21987
7.	Emoluments per employee	„	3846	5427
8.	Output per Employee	„	39216	46607
9.	Value added per employee	„	6821	10009
10.	Ratio of fixed capital to output		0.29	0.47
11.	Ratio of fixed capital to value added		1.67	2.20

1	2	3	4	5
12.	Ratio of emoluments to value added		0.56	0.54
13.	Ratio of value added to output		0.17	0.21
14.	Ratio of operating surplus to output		0.08	0.10
15.	Ratio of operating surplus to productive capital		0.17	0.14
16.	Ratio of net income minus emoluments to output		0.05	0.06
17.	Ratio of net income minus emoluments to productive capital		0.11	0.08

It is seen from the above table that an average factory in Kerala had a fixed capital of Rs. 11.13 lakhs and employed 98 persons. It produced Rs. 38.34 lakhs worth of output and had contributed Rs. 6.65 lakhs towards value added by manufacturer. An employee on an average received Rs. 3,846 as emoluments per annum and produced output worth Rs. 39,216. The value added by manufacture per employee was Rs. 6,821. The factories on an average utilised 29 paise as fixed capital to produce output worth Re. 1 and Rs. 1.67 for generating value added worth Re. 1. The value added output ratio was 0.17 and the percentage of emoluments to value added was 56.

The ratio of operating surplus to output or profitability ratio was 0.08 and the ratio of operating surplus to productive capital or called the rate of return on capital was 0.17.

The ratio of fore-tax profit (net income emoluments) to output was 0.05 and the ratio of pre-tax profit to productive capital was 0.11.

The substantial changes noticed in the ratios involving fixed capital when compared to All India may be attributed mainly to the non-inclusion of data in respect of the Kerala State Electricity Board which accounts for about 50% of the fixed capital investment in the

factory sector of the State. Therefore due caution should be exercised while comparing the various structural ratios of the current year either with that of the previous years or with all India ratios.

SECTION II

MAJOR INDUSTRIAL CHARACTERISTICS—ALL FACTORIES

1. No. of Industrial Units.

The growth of registered industrial units in the factory sector is given below:

Growth of registered units

TABLE 2.0

Year	Number of units	Percentage increase over the previous year	Percentage increase over 1962.
1962	1779	..	..
1963	1853	4.16	4.16
1964	1906	2.86	7.14
1965	2010	5.79	12.98
1966	2079	3.43	16.86
1967	2132	2.55	19.84
1968	2211	3.17	24.28
1969	2287	3.43	28.56
1970	2342	2.40	31.65
1971	2352	0.40	32.60
1972	..	..	..
1973-74	2608	10.90	46.60
1974-75	2727	4.56	53.29
1975-76	2443	10.41	37.32

The above table shows a steady growth in the number of registered units from 1962 right up to 1974-75. But during 1975-76 the number of units fall by 10.4% over the previous year. The main reason for the sharp fall in the number of units was due to the removal of de-registered units remained in the frame for A.S.I. 1974-75 when the same was revised for the 1975-76 survey over

and above the units de-registered during 1974-75. During the same period the number of census sector units also fell sharply from 964 to 662. Upto and including A.S.I. 1974-75 census and non-census factories are classified on the basis of the number of employees in each of them at the time of the registration of units at the Directorate of Factories and Boilers. But from 1975-76 onwards census and non-census sector factories were classified on the basis of the number of employment in each unit on the basis of the last return. Consequently as many as 368 factories which are in the census sector of the frame for 1974-75 were classified as non-census sector units in the frame for 1975-76. Out of a total of 2,443 units 2,239 units have been responded to the survey.

Cashewnut processing, sawing and planing of wood, structural clay products, tea processing, weaving and finishing of cotton textiles on handlooms are some of the most important industries in the factory sector of the State.

In terms of the number of units wood industry may be regarded the biggest industry of the State. But in terms of the value of output though this industry is not so important viz. other major industries of the State, Kerala is the second largest producer of wood products at the all India level with 15% of the total output in the country as a whole. When the share of three most important States in the total value of output in 28 major industry groups was considered Kerala got a place only in respect of this industry while Maharashtra figured in 20 industry groups.*

Sawing and planing of wood other than plywood accounted for 17% of the total units in the State. Cashewnut processing and structural clay products formed 11.98 and 10.36% respectively. The percentage of census sector factories were higher in respect of cotton spinning and weaving in mills with cent per cent followed by cashewnut processing units with 78.6%. Altogether 21 industry groups at three digit level classification had 20 or more units while 10 groups had 60 or more units and only 4 groups had above 100 units. The list of these industry groups are arranged in descending order of the number of units and given in table 2.1

*Source ASI— summary results for factory sector 1975-76 published by the C.S.O.

TABLE 2.1

Arrangement of industries with 20 or more units of Kerala

Sl. No.	Code	Name of industry	No. of factories		Total	% of factories under census part
			Census	Non-census		
1	2	3	4	5	6	7
1.	271	Sawing and planing of wood other than plywood	30	353	(17.11) 383	8.50
2.	214	Cashewnut processing	202	55	257	78.60
3.	320	Manu: of structural clay products	67	165	(11.48) 232	28.88
4.	212	Tea processing	45	55	(10.36) 100	45.00
5.	235	Weaving and finishing of cotton textiles and handlooms	10	86	(4.47) 96	10.42
6.	973	Repair of motor vehicles and motor cycles	24	72	(4.29) 96	25.00
7	302	Manu: of rubber products	20	66	(4.29) 86	23.26
8.	285	Printing and publishing of periodicals, books, and journals	8	59	(3.84) 67	11.94
9.	268	Manu: of coir and coir products	13	51	(2.99) 64	20.31
					(2.86)	

1	2	3	4	5	6	7
10.	204	Grain mill products	4	57	61	6.56
11.	203	Canning, preserving and processing of fish and similar foods	18	29	(2.73) 47	38.30
12.	270	Manu: of veneer, plywood and their products	18	23	(2.10) 41	43.90
13.	340	Manu: of metal cans and tin plates etc.	4	37	(1.83) 41	9.76
14.	211	Manu: of other edible oils	2	37	(1.83) 39	5.13
15.	289	Printing of pictures and post cards	3	21	(1.74) 31	9.68
16.	313	Manu: of drugs and medicines	5	24	(1.39) 29	17.24
17.	231	Cotton spinning and weaving in mills	23	-	(1.29) 23	100.00
18.	276	Manu: of wooden furniture and fixtures	5	17	(1.03) 22	22.73
19.	341	Manu: of structural metal products	2	20	(0.98) 22	9.09
20.	343	Manu: of handtools and general hardware	5	15	(0.98) 20	25.00
21.	370	Ship-building and repairing	10	10	(.0.89) 20	50.00

2. Fixed capital.

The fixed capital investment of the reported factories is estimated at Rs. 249 crores during 1975-76. The fixed capital was highest in respect of fertilizers and pesticides industry with Rs. 65 crores or 26% of total fixed capital of the factories responded to the survey. The average fixed capital per unit was also highest in this industry. Manufacture of organic and inorganic chemicals, paper and paper boards, spinning, weaving and finishing of other textiles also had an average fixed capital above Rs. 1 crore as against a State average of Rs. 11 lakhs. Altogether 14 industry groups have an average fixed capital per unit below the State average. Sawing and planing of wood and other wood products is at the bottom of the list with Rs. 0.43 lakh. Cashewnut processing industry which is the biggest industry in terms of employment, output and value added has an average fixed capital of less than Rs. 1 lakh (0.8 lakh). These 14 industry groups together covers 66% of total units.

The break-up of the fixed capital investment in the factory sector is given in table 2.2.

TABLE 2.2

Distribution of fixed capital—All Industries

Sl. No.	Name of items	Amount (Rs. lakhs)	% to total
1.	Land	1276.12	5.12
2.	Improvement to land and other constructions	372.85	1.51
3.	Building	4498.08	18.06
4.	Plant and machinery	16586.76	66.58
5.	Transport equipments	404.38	1.62
6.	Tools and other fixed assets	628.65	2.52
7.	Assets under constructions	1143.81	4.59
	Total	24901.65	100.00

The above break-up shows that 66.58% of fixed assets was in plant and machinery and 18% was in building. Land and improvements to land constituted 6.6% of the fixed assets in the factory sector. The list of industry groups with a fixed capital of Rs. 100 lakhs and more are arranged in the descending order and placed in table 2.3. Table 2.3 shows that there were only 30 industry groups with fixed capital of Rs. 100 lakhs or more, in the State during the year 1975-76.

3. Working capital.

The total working capital utilised by the reported factories during 1975-76 is estimated at Rs. 127.69 crores. There were 27 industry groups which utilised a working capital of over Rs. 1 crore.

Out of the total of 127.69 crores of working capital cashewnut processing industry utilised a highest amount of Rs. 925 lakhs or 7.25% of the total working capital. But the working capital per unit was higher in respect of spinning, weaving and finishing of other cotton textiles with Rs. 172.39 lakhs while the average for all industries was Rs. 5.7 lakhs. Sawing and planing of wood other than plywood industry had the minimum average working capital with Rs. 0.63 lakh. Manufacture of structural clay products, rubber products, coir and coir products, tea processing, weaving and finishing of cotton textiles in handlooms, printing and publishing of books and periodicals, drugs and medicines, metal cans and tin plates have average working capital less than the State average. The list of industry groups with a working capital of Rs. 100 lakhs or more are arranged in descending order and given in table 2.4 below. It may be seen that the first 7 industry groups covered 45% of the total working capital in the factory sector. Table 2.4.

TABLE 2.3

Arrangement of Industries with a fixed capital of Rs. 100 lakhs and more

Sl. No.	Code	Name of industry	No. of units	Fixed capital Rs. lakhs	Fixed capital per unit Rs. lakhs
1.	311	Manufacture of fertilizers and pesticides	18	6,492.41 (26.03)	360.69
2.	310	Manufacture of organic and inorganic chemicals	18	2,726.30 (10.94)	151.46
3.	280	Manu: of paper and paper board	7	2,206.29 (8.86)	315.18
4.	231	Cotton spinning and weaving in mills	23	982.62 (3.94)	42.72
5.	316	Manu: of turpentine	9	884.97 (3.55)	98.33
6.	357	Manu: of machine tools, parts and accessories	9	705.26 (2.88)	78.36
7.	360	Manu: of electrical industrial machinery and apparatus and parts	13	649.76 (2.61)	49.98
8.	302	Manu: of rubber products	86	559.20 (2.24)	6.50
9.	212	Tea processing	100	458.52 (1.84)	4.59
10.	300	Tyre and tube industries	14	381.06 (1.53)	27.22
11.	330	Iron and steel industries	9	374.34 (1.50)	41.59
12.	203	Canning and preserving and processing of fish and similar foods	47	321.74 (1.29)	6.85
13.	335	Aluminium manufacturing	5	314.18 (1.26)	62.84
14.	247	Spinning, weaving and finishing of other textiles	3	308.96 (1.24)	102.99

15.	270	Manu: of veneer, plywood and their products	41	302.77 (1.22)	7.38
16.	320	Manu: of structural clay products	232	293.14 (1.18)	1.26
17.	314	Manu: of perfumes and lotions	9	289.27 (1.17)	32.14
18.	361	Manu: of insulated wires and cables	6	287.84 (1.16)	47.97
19.	214	Cashewnut processing	257	206.26 (0.83)	0.80
20.	206	Manu: and refining of sugar	3	200.41 (0.80)	66.80
21.	331	Casting and forging of iron and steel	18	196.24 (0.79)	10.90
22.	285	Printing and publishing of books, journals, periodicals etc.	67	193.64 (0.78)	2.89
23.	380	Manu: of medical, surgical and scientific equipments	9	187.89 (0.75)	20.88
24.	362	Manu: of dry and wet batteries	3	173.63 (0.70)	57.88
25.	271	Sawing and planing of wood other than plywood	383	166.33 (0.67)	0.43
26.	284	Printing and publishing of newspaper	17	156.63 (0.63)	9.21
27.	313	Manu: of drugs and medicines	29	141.57 (0.57)	4.88
28.	973	Repair of motor vehicles and motor cycles	96	138.22 (0.55)	1.44
29.	268	Manu: of coir and coir products	64	123.12 (0.49)	1.92
30.	340	Manu: of metal cans and tin plates	41	117.59 (0.47)	2.87
		All industries	2239	24,910.65	11.13

Percentages are given in brackets.

4. Productive capital:

Productive capital comprises of fixed capital and working capital. The total productive capital utilised by the reporting industries was estimated at Rs. 377 crores. There were altogether 38 industry groups with a productive capital utilisation of over Rs. 100 lakhs during the reporting year as against 36 industry groups during the previous year. Manufacture of fertilizer and pesticides topped the list with Rs. 78 crores or 19.4% of the total productive capital while the manufacture of other food products was at the bottom with Rs. 1.12 crores. The productive capital per unit was also the highest in respect of fertilizers and pesticides with Rs. 4.06 crores and was the minimum in respect of sawing and planing of wood and wood products other than plywood with Rs. 1.07 lakhs as against a State average of Rs. 16.83 lakhs. The list of industry groups with Rs. 100 lakhs in productive capital or more are arranged in descending order in the table 2.5.

TABLE 2.4

Arrangement of Industries with working capital of Rs. 100 lakhs and more

Sl. No.	Code	Name of industry	No. of units	Working capital Rs. lakhs	Working capital per unit. Rs. lakhs
1	2	3	4	5	6
1.	214	Cashewnut processing	257	925.15 (7.25)	3.60
2.	310	Manu: of organic and inorganic chemicals	18	840.50 (5.58)	46.69
3.	311	Manu: of fertilizers and pesticides	18	826.19 (6.47)	45.90
4.	360	Manu: of electrical industrial machinery, apparatus and parts	13	709.82 (5.56)	54.60
5.	300	Tyre and tube industries	14	656.53 (5.14)	46.90
6.	247	Spinning, weaving, and finishing of other cotton textiles	3	517.18 (4.05)	172.39
7.	280	Manu: of paper and paper board	7	501.70 (3.94)	71.67
8.	302	Manu: of rubber products	86	438.47 (3.43)	5.10
9.	361	Manu: of insulated wires and cables	6	415.01 (3.25)	69.17
10.	357	Manu: of machine tools, parts and accessories	9	348.52 (2.73)	38.72
11.	268	Manu: of coir and coir products	64	296.43 (2.32)	4.63
12.	320	Manu: of structural clay products	232	257.08 (2.01)	1.11
13.	231	Cotton spinning and weaving in mills	23	252.15 (1.97)	10.96
14.	212	Tea processing	100	248.42 (1.95)	2.48
15.	341	Manu: of structural metal products	22	245.11 (1.92)	11.14

1	2	3	4	5	6
16.	271	Saving and planing of wood other than plywood	383	242.38 (1.90)	0.63
17.	270	Manu: of veneer, plywood and their products	41	240.53 (1.88)	5.87
18.	314	Manu: of perfumes and lotions	9	228.87 (1.79)	25.43
19.	331	Casting and forging of iron and steel	18	223.87 (1.75)	12.44
20.	284	Printing and publishing of news paper	17	207.00 (1.62)	12.18
21.	235	Weaving and finishing of cotton textiles in handlooms	96	144.79 (1.13)	1.51
22.	340	Manu: of metal cans and tin plates	41	136.96 (1.07)	3.34
23.	380	Manu: of medical, surgical and scientific equipments	50	136.34 (1.07)	15.11
24.	313	Manu: of drugs and medicines	29	133.83 (1.05)	4.61
25.	285	Printing and publishing of books, periodicals, journals etc.	67	129.84 (1.02)	1.94
26.	316	Manu: of turpentine	9	114.85 (0.90)	12.75
27.	217	Manu: of starch	5	111.75 (0.88)	22.35
		All Industries	2239	12768.88 (100)	5.70

Percentages are given in brackets.

TABLE 2.5

Arrangement of Industries with a productive capital of Rs. 100 lakhs and more

Sl. No.	Code	Name of industry	No. of units	Productive capital Rs. lakhs	Productive capital per unit Rs. lakhs	
1	2	3	4	5	6	
1.	311	Manu: of fertilizers and pesticides	18	7,318.60	(19.42)	406.59
2.	310	Manu: of organic and inorganic chemicals	18	3,566.80	(9.47)	198.16
3.	280	Manu: of paper and paper board	7	2,707.99	(7.19)	386.85
4.	360	Manu: of transformers and electricals	13	1,359.58	(3.61)	104.58
5.	231	Cotton spinning and weaving in mills	23	1,234.77	(3.28)	53.69
6.	214	Cashewnut processing	257	1,131.44	(3.00)	4.40
7.	357	Manu: of machine tools, parts and accessories	9	1,053.78	(2.80)	117.09
8.	300	Tyre and tube industries	14	1,037.59	(2.75)	74.11
9.	316	Manu: of turpentine	9	999.84	(2.65)	111.09
10.	302	Manu: of other rubber products	86	997.67	(2.65)	11.60
11.	247	Spinning and weaving of other textiles	3	826.14	(2.19)	275.38
12.	212	Tea processing	100	706.94	(1.88)	7.07
13.	361	Manu: of insulated wires and cables	6	702.85	(1.87)	117.14
14.	320	Manu: of structural clay products	232	550.22	(1.46)	2.37
15.	270	Manu: of veneer, plywood and their products	41	543.35	(1.44)	13.25

1	2	3	4	5	6	
16.	314	Manu: of perfumes and lotions	9	518.14	(1.38)	57.57
17.	331	Casting and forging of iron and steel	18	420.07	(1.11)	23.34
18.	268	Manu: of coir and coir products	64	419.55	(1.11)	6.56
19.	271	Sawing and planing of wood other than plywood	383	408.71	(1.08)	1.07
20.	203	Canning, preserving and processing of fish and similar foods	47	407.44	(1.08)	8.67
21.	284	Printing and publishing of newspaper	17	363.63	(0.97)	21.89
22.	380	Manu: of medical, surgical and scientific equipments	9	324.23	(0.86)	36.03
23.	335	Aluminium manufacturing	5	323.69	(0.86)	65.94
24.	285	Printing and publishing of books, periodicals and journals	67	323.48	(0.86)	4.83
25.	341	Manu: of structural metal products	22	323.32	(0.86)	14.24
26.	330	Iron and steel industries	9	306.26	(0.81)	34.03
27.	313	Manu: of drugs and medicines	29	277.40	(0.74)	9.57
28.	206	Manu: and refining of sugar	3	267.97	(0.71)	89.32
29.	340	Manu: of metal cans and tin plates	41	254.55	(0.68)	6.21
30.	362	Manu: of dry and wet batteries	3	219.04	(0.58)	73.01
31.	235	Weaving and finishing of textiles in handlooms	96	204.63	(0.54)	2.13
32.	973	Repair of motor vehicles and motor cycles	96	191.99	(0.52)	2.00

33.	217	Manu: of starch	5	175.24	(0.47)	35.05
34.	211	Manu: of other edible oils	39	158.49	(0.42)	4.06
35.	276	Manu: of wooden furniture and fixtures	22	120.60	(0.32)	5.48
36.	289	Printing of picture and post card	31	115.35	(0.31)	3.72
37.	204	Grain mill products	61	113.79	(0.30)	1.87
38.	219	Manu: of other food products	8	112.98	(0.30)	14.12
		All industries	2239	37679.53	(100)	16.83

Percentages are given in brackets.

5. Invested capital:

Invested capital consists of fixed capital and physical working capital. The total invested capital in the factory sector during 1975-76 was estimated at Rs. 443 crores. There were 43 industry groups with invested capital of Rs. 100 lakhs or more as against 36 groups during the previous year. Invested capital was highest in respect of fertilizers and pesticides industry with Rs. 79.71 crores or 17.98 % of the total invested capital. The invested capital per unit was also highest in respect of this industry with Rs. 44.3 crores as against a state average of Rs. 19.8 lakhs. In this respect also the sawing and planing of wood and wood products was on the lowest wing of the ladder. Industry groups with invested capital of Rs. 100 lakhs or more are arranged in the descending order in Table 2.7.

TABLE 2.7

Arrangement of Industries with invested capital of Rs. 100 lakhs and more

Sl. No.	Code	Name of industry	No. of units	Invested capital Rs. lakhs	Invested capital per unit Rs. lakhs	
1	2	3	4	5	6	
1.	311	Manufacture of fertilizers and pesticides	18	7,970.48	(17.98)	442.80
2.	310	Manu: of organic and inorganic chemicals	18	3,768.01	(8.50)	209.33
3.	280	Manu: of paper and paper board	7	2,833.31	(6.39)	404.78
4.	231	Cotton spinning and weaving in mills	23	1,896.68	(4.28)	82.46
5.	214	Cashewnut processing	257	1,840.84	(4.15)	7.16

6.	360	Manu: of electrical, industrial machinery, apparatus and parts	13	1,208.70	(2.73)	109.88
7.	357	Manu: of machine tools, parts and accessories	9	1,201.47	(2.71)	133.50
8.	314	Manu: of perfumes and lotions	9	1,023.68	(2.31)	113.74
9.	316	Manu: of turpentine	9	1,011.17	(2.28)	112.35
10.	302	Manu: of other rubber products	1	993.58	(2.24)	11.55
11.	300	Tyre and tube industries	1	984.84	(2.22)	70.35
12.	247	Spinning, weaving and finishing of other textiles	100	830.93	(1.87)	276.98
13.	212	Tea processing	6	719.66	(1.62)	7.20
14.	361	Manu: of insulated wires and cables	41	673.67	(1.52)	112.28
15.	270	Manu: of veneer, plywood and their products	5	625.35	(1.41)	15.25
16.	335	Aluminium manufacturing	232	589.85	(1.33)	117.97
17.	320	Manu: of structural clay products	9	566.35	(1.28)	2.44
18.	330	Iron and steel industries	47	558.01	(1.26)	62.00
19.	203	Canning, preserving and processing of fish and similar foods	18	540.50	(1.22)	11.50
20.	331	Casting and forging of iron and steel	64	434.79	(0.98)	24.16
21.	268	Manu: of coir and coir products	17	411.84	(0.93)	6.44
22.	284	Printing and publishing of newspaper	9	383.62	(0.87)	22.52
23.	380	Manu: of medical, surgical and scientific equipments	3	381.19	(0.86)	42.35
24.	206	Manu: and refining of sugar	29	363.58	(0.82)	121.19
25.	313	Manu: of drugs and medicines		342.60	(0.77)	11.81

1	2	3	4	5	6	
26.	341	Manu: of structural metal products	22	334.74	(0.76)	15.22
27.	271	Sawing and planing of wood other than plywood	383	306.38	(0.69)	0.80
28.	361	Manu: of dry and wet batteries	3	287.12	(0.65)	95.71
29.	340	Manu: of metal cans and tin plates	41	276.22	(0.62)	6.74
30.	285	Printing and publishing of books, journals and periodicals	67	238.83	(0.54)	3.56
31.	235	Weaving and finishing of cotton textiles in handlooms)	96	200.71	(0.45)	2.09
32.	370	Ship-building and repairing	20	187.38	(0.42)	9.37
33.	973	Repair of motor vehicles and motor cycles	96	177.30	(0.40)	1.85
34.	211	Manu: of other edible oils	39	176.22	(0.40)	4.52
35.	217	Manu: of starch	5	160.08	(0.36)	32.02
36.	350	Manu: of agricultural machinery and parts	4	127.12	(0.29)	31.78
37.	289	Printing of picture and post card	31	122.85	(0.28)	3.96
38.	219	Manu: of other food products	8	115.83	(0.26)	14.48
39.	324	Manu: of cement	3	110.06	(0.25)	36.69
40.	323	Manu: of Chinaware and porcelainware	5	108.04	(0.24)	21.61
41.	202	Canning and preserving of fruits and vegetables	11	107.59	(0.24)	9.78
42.	204	Grain mill products	61	107.10	(0.24)	1.76
43.	364	Manu: of radio and television transmitting and receiving sets.	3	103.37	(0.23)	34.46
		Other industries	295	8,934.55	(20.15)	30.29
		All Industries	2239	44,336.19		19.80

Percentages are given in brackets.

6. Outstanding loans

The amount of loan outstanding against the reported factories was Rs. 193 crores. There were 28 industry groups having an outstanding loan of Rs. 100 lakhs and above against them. The highest amount was in respect of fertilizers and pesticides with Rs. 31 crores. The average loans outstanding per unit was also highest in respect of this industry with Rs. 173.5 lakhs as against a state average of Rs. 62 lakhs. The ratio of outstanding loans to productive capital was more than 1 in respect of eight industry groups. In respect of chinaware and porcelainware industry ratio was reported to be 4.66. The reason for the high ratio is reported to be the preponderance of short term loans in respect of these industries. The ratio for all industries together was 0.51 as against 66 for all India. The list of industries with loans outstanding Rs. 100 lakhs or more are arranged in descending order and placed in Table 2.8.

TABLE 2.8

Arrangement of Industries with outstanding loans of Rs. 100 lakhs and more

Sl. No.	Code	Name of industry	No. of units	Outstanding loans Rs. lakhs	Outstanding loans per unit Rs. lakhs	Ratio of out- standing loans to productive capital
1	2	3	4	5	6	7
1.	311	Manufacture of fertilizers and pesticides	18	3,123.77 (16.19)	173.54	0.43
2.	310	Manu: of organic and inorganic chemicals	18	1,896.41 (9.83)	105.36	0.53
3.	231	Cotton spinning and weaving in mills	23	1,253.94 (6.50)	54.52	1.02
4.	214	Cashewnut processing	257	1,017.49 (5.27)	3.96	0.90
5.	314	Manu: of perfumes and lotions	9	792.97 (4.12)	88.11	1.52
6.	361	Manu: of insulated wires and cables	6	553.81 (2.87)	92.31	0.79
7.	203	Canning, preserving and processing of fish and similar foods	47	524.56 (2.72)	11.16	1.29
8.	360	Manu: of electrical industrial machinery and apparatus	13	496.32 (2.57)	38.18	0.37

9.	330	Iron and steel industries	9	465.56 (2.43)	51.73	1.52
10.	300	Tyre and tube industries	14	432.73 (2.24)	30.91	0.42
11.	284	Printing and publishing of news paper	17	377.93 (1.96)	22.23	1.04
12.	302	Manu: of rubber products	86	361.03 (1.87)	4.20	0.36
13.	280	Manu: of paper and paper board	7	340.68 (1.77)	48.67	0.13
14.	380	Manu: of medical, surgical and scientific equipments	9	334.65 (1.73)	37.18	1.03
15.	270	Manu: of veneer, plywood and their products	41	317.63 (1.65)	7.75	0.58
16.	206	Manu: and refining of sugar	3	298.54 (1.55)	99.51	1.11
17.	357	Manufacture of machine tools, parts and accessories	9	287.54 (1.49)	31.95	0.27
18.	331	Casting and forging of iron and steel	18	279.23 (1.45)	15.51	0.66
19.	247	Spinning, weaving and finishing of other textiles	3	242.96 (1.26)	80.99	0.29
20.	268	Manu: of coir and coir products	64	223.81 (1.16)	3.50	0.53
21.	320	Manu: of structural clay products	232	210.72 (1.09)	0.91	9.38

1	2	3	4	5	6	7
22.	362	Manu: of dry and wet batteries	3	198.87 (1.03)	66.29	0.91
23.	341	Manu: of structural metal products	22	179.40 (0.93)	8.15	0.57
24.	323	Manu: of chinaware and porcelainware	5	170.26 (0.88)	34.05	4.66
25.	313	Manu: of drugs and medicines	29	168.55 (0.87)	5.81	0.61
26.	217	Manu: of starch	5	139.92 (0.73)	27.98	0.87
27.	316	Manu: of turpentine	9	135.94 (0.70)	15.10	0.14
28.	340	Manu: of metal cans and tin plates	41	130.54 (0.68)	3.18	0.51
		All industries	2239	19,290.84 (100)	8.62	0.51

Percentages are given in brackets.

7. Workers:

The number of workers employed in all industries together was 188,597. Out of this 97.32% or 183,541 were directly employed and the remaining 5,056 workers were employed through contractors.

The number of workers directly employed have been classified into men, women and children and given in Table 2.9 below.

TABLE 2.9

Details of workers directly employed

Sl. No.	Item	Number	% to total
1.	Men	81671	44.50
2.	Women	101822	55.48
3.	Children	48	0.02
	Total	183541	100

Out of a total of 183,541 persons directly employed 55.48% of them were women. There were 48 children employed in the factory sector.

Out of the total workers 49% were employed in cashewnut processing industry. 69.56% of the total workers were employed in cashewnut processing, structural clay products, cotton spinning and weaving in mills and handloom, sawing and planing of wood other than plywood and tea processing industries. The average number of workers per unit for all industries together was 84. The average number of workers per unit was highest in respect of cotton spinning and weaving in mills. There were 22 industry groups with 1000 or more workers.

They are arranged in descending order in Table 2.10 below.

TABLE 2.10
Arrangement of industries according to number of workers

Sl. No.	Code	Name of industry	No. of units	Workers	Workers per unit	
1.	214	Cashewnut processing	257	92362	(48.97)	359
2.	320	Manu: of structural clay products	232	11154	(5.91)	48
3.	231	Cotton spinning and weaving in mills	23	10484	(5.56)	456
4.	271	Sawing and planing of wood other than plywood	383	7738	(4.10)	20
5.	212	Tea processing	100	5218	(2.77)	52
6.	235	Weaving and finishing of cotton textiles in handlooms	96	4235	(2.25)	44
7.	311	Manu: of fertilizers and pesticides	18	3450	(1.83)	192
8.	302	Manu: of rubber products	86	3175	(1.68)	37
9.	973	Repair of motor vehicles and motor cycles	96	3002	(1.59)	31
10.	270	Manu: of veneer, plywood and their products	41	2739	(1.45)	67
11.	280	Manu: of paper and paper board	7	2482	(1.32)	355
12.	268	Manu: of coir and coir products	64	2301	(1.22)	36
13.	285	Printing and publishing of books and journals, periodicals, etc.	67	2259	(1.21)	34
14.	310	Manu: of organic and inorganic chemicals	18	2207	(1.17)	123

15.	203	Canning, preserving and processing of fish and similar foods	47	1984	(1.05)	42
16.	357	Manu: of machine tools, parts and accessories	9	1659	(0.88)	184
17.	360	Manu: of electrical industrial machinery, apparatus etc.	13	1443	(0.77)	111
18.	247	Spinning, weaving and finishing of other textiles	3	1415	(0.75)	472
19.	370	Ship building and repairing	20	1404	(0.74)	70
20.	206	Manu: and refining of sugar	3	1272	(0.67)	424
21.	300	Tyre and tube industries	14	1231	(0.65)	88
22.	284	Printing and publishing of newspaper	17	1140	(0.60)	67
23.	313	Manu: of drugs and medicines	29	967	(0.51)	33
24.	331	Casting and forging of iron and steel	18	966	(0.51)	54
25.	314	Manu: of perfumes and lotions	9	912	(0.48)	101
26.	335	Aluminium manufacturing	5	826	(0.44)	165
		All Industries	2239	188597	(100)	84

8. Employment

The total employment in the factory sector during the survey year 1975-76 is estimated at 2.19 lakhs. The distribution of employees according to various categories are given in table 2.11 below.

TABLE 2.11
Distribution of Employees

Sl. No.	Category of employees	Number	Percentage to total
1.	Workers	188597	86.17
2.	Supervisory and managerial staff	10474	4.79
3.	Other employees	18258	8.34
4.	Working proprietaries	857	0.39
5.	Unpaid family workers	69	0.03
6.	Working members of co-operative society.	622	0.28
Total		218877	100

The above table shows that out of a total of 2.19 lakhs of employees 86% or 1.89 lakhs were workers, and 4.79% of them were supervisory and managerial staff. The production worker to non-production worker ratio works out to 6.2.

Out of the total employees 44.5% were in the cashewnut processing industry. But the average number of employees per unit were highest in respect of spinning, weaving and finishing of other textiles with 6.36 as against a State average of 98. There were 26 industry groups with 1000 or more employees in them. Out of this 13 industry groups had average number of employees per unit less than the state average. Industries arranged descending order according to the number of persons employed are placed in Table 2.12.

TABLE 2.12
Arrangement of Industries according to Employees

Sl. No.	Code	Name of industry	No. of units	Employees No.	Employees per unit
1.	214	Cashewnut processing	257	97467 (44.53)	379
2.	320	Manu: of structural clay products	232	12459 (5.69)	54
3.	231	Cotton spinning and weaving in mills	23	11312 (5.17)	492
4.	271	Sawing and planing of wood other than plywood	383	9040 (4.13)	24
5.	212	Tea processing	100	5822 (3.66)	58
6.	235	Weaving and finishing of cotton textiles in handlooms	96	4867 (2.22)	51
7.	311	Manu: of fertilizers and pesticides	18	4621 (2.11)	257
8.	302	Manu: of rubber products	86	3971 (1.81)	46
9.	973	Repair of motor vehicles and motor cycles	96	3552 (1.62)	37
10.	268	Manu: of coir and coir products	64	3523 (1.61)	55
11.	270	Manu: of veneer plywood and their products	41	3400 (1.55)	83
12.	310	Manu: of organic and inorganic chemicals	18	3163 (1.45)	176
13.	280	Manu: of paper and paper board	7	3112 (1.42)	445
14.	203	Canning, preserving and processing of fish and similar foods	47	2764 (1.26)	59

1	2	3	4	5	6
15.	285	Printing and publishing of books, journals and periodicals	67	2706 (1.24)	40
16.	357	Manu: of machine tools, parts and accessories	9	2539 (1.16)	282
17.	206	Manu: and refining sugar	3	2115 (0.97)	705
18.	360	Manu: of electrical, industrial machinery and parts	13	1982 (0.91)	152
19.	284	Printing and publishing of news- paper	17	1940 (0.89)	114
20.	247	Spinning, weaving and finishing of other textiles	3	1907 (0.87)	636
21.	300	Tyre and tube industries	14	1880 (0.86)	134
22.	378	Ship-building and repairing	20	1681 (0.77)	84
23.	313	Manu: of drugs and medicines	29	1530 (0.70)	53
24.	331	Casting and forging of iron and steel	18	1311 (0.60)	73
25.	314	Manu: of perfumes and lotions	9	1275 (0.58)	142
26.	335	Aluminium manufacturing	5	1071 (0.49)	214
		All industries	2239	218877 (100)	98

9. Wages

The amount of wages paid to the workers during the year was estimated at Rs. 5,473 lakhs as against Rs. 5,090 lakhs during the previous year. The average wages per worker during the year was Rs. 2,902 as against Rs. 2,447 during the previous year. The wages per worker was highest in respect of aluminium manufacturing industries with Rs. 11,464 followed by fertilizers and pesticides with Rs. 10,125. The wages per worker was lowest in respect of cashewnut processing industry. Though about 49% of the total workers were employed in cashewnut processing industry the percentage of wages paid to them was 17.31. This was mainly due to the seasonal nature of the employment in that industry. The average wages per worker was also less than the State average in respect of canning, preserving and processing of fish, weaving and finishing of cotton textiles in handlooms, tea processing and sawing and planing of wood and wood products other than plywood industry. The industries are arranged in the descending order of the amount spent as wages and are given in Table 2.13.

TABLE 2.13

Arrangement of Industries according to Emoluments

Sl. No.	Code	Name of industry	No. of units	Total emoluments Rs. in lakhs	Emoluments per employee Rs.
1	2	3	4	5	6
1.	214	Cashewnut processing	257	1179.89 (14.01)	1211
2.	231	Cotton spinning and weaving in mills	23	749.91 (8.90)	6629
3.	311	Manufacture of fertilizers and pesticides	18	546.47 (6.49)	11826
4.	320	structural clay products	232	428.34 (5.09)	3438
5.	280	paper and paper board	7	384.64 (4.57)	12360
6.	310	organic and inorganic chemicals	18	375.33 (4.46)	11866
7.	357	machine tools, their parts and accessories	9	258.23 (3.07)	10171
8.	973	Repair of motor vehicles and motor cycles	96	242.92 (2.88)	6 839
9.	300	Tyre and tube industries	14	240.97 (2.86)	12818
10.	302	Manufacture of rubber products	86	175.68 (2.09)	4424
11	271	Sawing and planing of wood other than plywood	383	175.52 (2.08)	1942

1	2	3	4	5	6	
12.	335	Aluminium manufacturing	5	173.39	(2.06)	16186
13.	212	Tea processing	100	171.30	(2.03)	2942
14.	360	Manufacture of electrical, industrial machinery and parts	13	170.02	(2.02)	8578
15.	270	veneer, plywood and their products	41	166.52	(1.98)	4901
16.	285	Printing and publishing of periodicals, book, etc.	67	157.37	(1.87)	5816
17.	268	Manufacture of coir and coir products	64	148.25	(1.76)	4208
18.	284	Printing and publishing of newspaper	17	147.19	(1.75)	7587
19.	314	Manufacture of perfumes and lotions	9	146.66	(1.74)	11503
20.	235	Weaving and finishing of cotton textiles in handlooms	96	144.20	(1.70)	2963
21.	247	Spinning, weaving and finishing of other textiles	3	133.53	(1.59)	1002
22.	370	Ship-building and repairing	20	105.41	(1.25)	6271
23.	313	Manufacture of drugs and medicines	29	97.58	(1.16)	6378
24.	203	Canning, preserving and processing of fish	47	93.53	(1.11)	3384
25.	331	Casting and forging of iron and steel	18	93.18	(1.11)	7108
26.	206	Manufacturing and refining of sugar	3	76.44	(0.91)	3614
		All industries	2239	8421.34	(100.00)	3848

(Percentage are given in bracket)

10. Total emoluments

The amount of wages, salaries and other benefits paid to the employees in the factory sector was estimated at Rs. 8421 lakhs. Out of this 34% was shared by the employees of the cashewnut processing, cotton spinning and weaving in mills, fertilizers and pesticides and structural clay products industries.

The average emoluments per employee was highest in respect of aluminium manufacturing industry with Rs. 16186 and the lowest was in the cashewnut processing industry with Rs. 1,211 while the average for all industries together was Rs. 3,848. There were 22 industry groups having spent Rs. 100 lakhs or more in emoluments. They are arranged in descending order and given Table 2.14.

Table 2.14

Distribution of industries according to total input

Sl. No.	Code	Name of Industry	Total Input Rs. lakhs	Value of input required to produce Rs. 1000 worth output Rs.
1	2	3	4	5
1	214	Cashewnut processing	5742.87 (8.38)	774
2	311	Manufacture of fertilizers and pesticides	4663.97 (6.80)	704
3	231	Cotton spinning and weaving in mills	2920.96 (4.26)	795
4	302	Manufacture of rubber products	2845.58 (4.15)	793
5	212	Tea processing	2696.87 (3.94)	774

1	2	3	4	5
6	211	Manufacture of other edible oils	2101.56 (3.07)	960
7	300	Tyre and tube industries	2097.04 (3.06)	763
8	314	Manufacture of perfumes and lotions	2048.07 (2.97)	733
9	203	Canning, preserving and processing of fish and similar foods	1973.21 (2.88)	901
10	280	Manufacture of paper and paper board	1614.02 (2.36)	540
11	310	Manu: of organic and inorganic chemicals	1541.36 (2.25)	591
12	361	Manu: of insulated wires and cables	1403.14 (2.05)	777
13	235	Weaving and finishing of cotton textiles in handlooms	1143.79 (1.67)	817
14	268	Manufacture of coir and coir products	1133.59 (1.65)	775
15	335	Aluminium manufacturing	1123.34 (1.64)	724
16	271	Sawing and planing of wood other than plywood	886.16 (1.29)	730
17	360	Manufacture of electrical industrial machinery, parts and apparatus	780.38 (1.14)	677
18	316	Manu: of synthetic resin	686.51 (1.00)	1067
19	284	Printing and publishing of newspaper	647.86 (0.95)	716
20	270	Manufacture of veneer and plywood and their products	639.21 (0.92)	669
21	330	Iron and steel industries	602.51 (0.88)	995
22	973	Repair of motor vehicles and motor cycles	588.35 (0.86)	715
23	204	Grain mill products	550.71 (0.80)	871

1	2	3	4	5
24	320	Manufacture of structural clay products	493.00 (0.72)	447
25	226	Manufacture of beedi	462.99 (0.68)	1003
26	357	Manufacture of machine tools, parts and accessories	455.88 (0.67)	548
27	340	Manu: of metal cans and in plates	442.78 (0.65)	865
28	331	Casting and forging of iron and steel	437.96 (0.64)	762
29	313	Manufacture of drugs and medicines	415.00 (0.61)	596
30	247	Spinning, weaving and finishing of other textiles	399.95 (0.58)	762
31	206	Manufacture and refining of sugar	381.66 (0.56)	655
32	217	Manu: of starch	378.11 (0.55)	796
33	219	Manu: of food products	275.06 (0.40)	955
34	362	Manu: of dry and wet batteries	271.53 (0.40)	747
35	202	Canning and preserving of fruits and vegetables	239.90 (0.35)	852
36	341	Manufacture of structural metal products	236.03 (0.34)	598
37	380	Manu: of medical, surgical and scientific equipments	209.50 (0.31)	640
38	201	Manu: of dairy products	191.15 (0.28)	959
39	281	Manu: of containers and boxes of paper etc	175.31 (0.26)	799
40	205	Manu: of bakery products	135.88 (0.20)	779
41	350	Manu: of agricultural machinery and equipments	131.86 (0.19)	615

1	2	3	4	5
42	285	Printing and publishing of books, journals and periodicals, etc.	130.37 (0.19)	404
43	324	Manufacture of cement	130.04 (0.19)	704
44	364	Manu: of radio and television transmitting and receiving sets	110.40 (0.16)	892
45	265	Manu: of raincoats, hats, etc	106.73 (0.16)	849
46	276	Manu: of wooden furniture and fixtures	105.66 (0.15)	605
47	289	Printing of picture and postcards	105.14 (0.15)	567
		All Industries	68535.03 (100)	798

Percentages are given in brackets.

11. Input

The total value of input utilised by the factory sector during 1975-76 was estimated at Rs. 685 crores as against 596 crores during the previous year. Out of this fuels and lubricants constituted 4.2%. The value of input utilised by cashewnut processing, fertilizers and pesticides, cotton spinning and weaving in mills, and rubber products industries together formed 24% of the total value of input. Out of the total input of Rs. 685 crores Rs. 35.94 crores was in fuel, electricity and lubricants. The quantity and value of the fuels and lubricants consumed by these industries are given in table 2.15.

TABLE 2.15

Quantity and value of Fuels and Lubricants consumed

Sl. No.	Item	Unit	Quantity	Value	
				Rs. lakhs	% of total*
1	Coal	tons	7353	13.85	0.39
2	Coke	tons	2758	15.35	0.43
3	Coal Gas	cu. m.	1772	0.59	0.02
4	Firewood	tons	434238	296.47	8.24
5	Charcoal	tons	9004	17.21	0.49
6	Aviation and motor spirit	000 litres	1971	68.74	1.90
7	Diesel oil	1000 litres	10844	121.33	3.38
8	Other fuel oils	million litres	227	1875.87	52.19
9	Lubricating oil	000 litres	1688	113.78	3.17
10	Industrial and power alcohol	,,	352	2.61	0.07
11	Electricity purchased	MKWH	1330	999.42	27.80
12	Others	..	..	68.72	2.98
Total				3593.94	100

The above table shows that other fuel oils formed 52.19% of the total fuels in value. Electricity (27.8%) and firewood (8.24%) were the other important fuels consumed by the factory sector.

The industry-wise consumption of these fuels are given in tables 2.15.1 to 2.15.11.

The above table shows that consumption of coal and coke were highest in the manufacture of handtools and hardware, firewood in structural clay products and tea processing diesel oil in organic and inorganic chemicals, other fuel oils in fertilizers and pesticides, lubricating oil in repair of motor vehicles, power alcohol in organic and inorganic chemicals and electricity in aluminium manufacturing and fertilizers and pesticides.

The input-output ratio works out to 0.80 as against 0.76 during the previous year. The input-output ratio was higher than 1 in respect of beedi and synthetic resin industries in which one unit each has reported output much less than the value of inputs utilised. Printing and publishing of books, journal and periodicals reported the lowest input-output ratio with 0.14. The input-output ratio was higher than the State average in respect of 14 industry groups.

The total inputs utilised by 47 industry groups were more than Rs. 100 lakhs. These industry groups are arranged in ascending order in table 2.16.

TABLE 2.15.1
Arrangement of Industries according to the
Consumption of Coal

Sl. No.	Code	Name of Industry	Quantity tonne	Value Rs.
1	343	Manufacture of handtools and hardware	1482	285513
2	271	Sawing and planing of wood other than plywood	859	102108
3	231	Cotton spinning and weaving in mills	386	68345
4	324	Manufacture of cement	126	66762
5	206	Manufacture and refining of sugar	268	55648
6	370	Ship building and repairing	269	54742
7	331	Casting and forging of iron and steel	30	15175
8	340	Manufacture of metal cans and tin plates	95	12004
9	235	Weaving and finishing of cotton textiles in handlooms	32	4348
10	376	Manufacture of bicycles and cycle rickshaws	8	4278
11	320	Manufacture of structural clay products	5	2750
12	356	Manufacture of non-electrical machinery, apparatus and parts	5	2705
13	212	Tea processing	9	2230
14	380	Manufacture of medical, surgical and scientific equipments	3	1200
		Others	3806	707401
		All Industries	7353	1385209

TABLE 2.15.2

Arrangement of Industries according to the consumption of coke

Sl. No.	Code	Name of Industry	Quantity tonne	Value Rs.
1	2	3	4	5
1	343	Manufacture of handtools and hardware	522	294896
2	335	Aluminium manufacturing	531	268563
3	331	Casting and forging of iron and steel	305	217104
4	354	Manufacture of industrial machinery for other than food	216	134317
5	360	Manufacture of transformers and electricals	118	104066
6	359	Manufacture of sewing machines	58	40304
7	370	Ship building and repairing	50	26882
8	276	Manufacture of wooden furniture and fixtures	38	25939
9	357	Manufacture of machine tools, parts and accessories	38	24281
10	324	Manufacture of cement	75	16700
11	341	Manufacture of structural metal products	26	13713
12	320	Manufacture of structural clay products	57	10085
13	356	Manufacture of non-electrical machinery parts etc.	13	8214
14	285	Printing and publishing of books, journals and periodicals	10	7200
15	231	Cotton spinning and weaving in mills	10	5329
16	353	Manufacture of industrial machinery for food and textiles	5	4049
17	345	Manufacture of metal utensils, cutlery and kitchenware	4	3379
18	333	Copper manufacturing	1	900
		Others	681	329255
		All Industries	2758	1535176

TABLE 2.15.3

Arrangement of Industries according to the consumption of Coal Gas

Sl. No.	Code	Name of Industry	Quantity cu. metres	Value Rs.
1	2	3	4	5
1	313	Manufacture of drugs and medicines	1410	40210
2	973	Repair of motor vehicles and motor cycles	14	1050
3	979	Repair of other enterprises	12	900
		Others	336	16856
		All Industries	1772	59016

TABLE 2.15.4

Arrangement of Industries according to the consumption of Firewood

Sl. No.	Code	Name of Industry	Value (Rs.)
1	2	3	4
1	320	Manufacture of structural clay products	1,84,83,298
2	212	Tea processing	41,46,367
3	321	Manufacture of glass and glass products	8,04,793
4	235	Weaving and finishing of cotton textiles in handlooms	7,77,939
5	270	Manufacture of veneer and plywood	5,28,711
6	302	Manu: of rubber products	7,17,312
7	313	Manu: of drugs and medicines	4,68,690
8	310	Manu: of organic and inorganic chemicals	4,66,150
9	206	Manu: of refining of sugar	4,27,228
10	268	Manu: of coir and coir products	1,96,566
11	329	Manu: of non-metallic mineral products	1,92,974
12	231	Cotton spinning and weaving in mills	1,80,864
13	300	Tyre and tube industries	1,56,886

1	2	3	4
14	260	Knitting mills	1,44,806
15	217	Manufacture of starch	1,30,529
16	323	Manu: of china ware and porcelain ware	1,26,279
17	236	Weaving and finishing of cotton textiles in powerlooms	1,18,896
18	202	Canning and preservation of fruits and vegetables	73,328
		Others	15,05,203
		All Industries	29,646,819

TABLE 2.15.5

**Arrangement of Industries according to the consumption
of charcoal**

Sl. No.	Code	Name of Industry	Value Rs.
1	2	3	4
1	247	Spinning and weaving of other textiles	2,85,788
2	343	Manufacture of handtools and hardware	2,66,561
3	324	Manu: of cement	1,00,224
4	340	Manu: of metal cans and tinplates	52,510
5	973	Repair of motor vehicles and motor cycles	40,684
6	370	Ship building and repairing	40,441
7	271	Sawing and planing of wood other than plywood	23,394
8	345	Manufacture of metal utensils, cutlery and kitchenware	17,394
9	235	Weaving and finishing of textiles in handlooms	15,275
10	270	Manufacture of veneer, plywood and their products	13,532
		Others	8,64,907
		All Industries	17,20,710

TABLE 2.15.6

**Arrangement of industries according to consumption
of Aviation and Motor Spirits**

Sl. No.	Code	Name of industry	Quantity (litre)	Value (Rs.)
1	2	3	4	5
1.	214	Cashewnut processing	386548	15,39,644
2.	284	Printing and publishing of newspapers	124894	3,94,858
3.	231	Cotton spinning and weaving in mills	97668	3,41,642
4.	235	Weaving and finishing of cotton textiles in handlooms	89695	3,13,702
5.	203	Canning and processing of fish and other similar foods	77295	3,11,359
6.	271	Sawing and planing of wood other than plywood	125945	2,88,562
7.	313	Manufacture of drugs and medicines	79809	2,79,976
8.	320	,, of structural clay products	57300	2,13,326
9.	302	,, of rubber products	59397	2,08,294
10.	268	,, of coir and coir products	54664	1,87,441
11.	206	,, and refining of sugar	39890	1,40,245
12.	300	Tyre and tube industries	37260	1,35,125
13.	270	Manufacture of veneer and plywood and their products	38454	1,30,500
14.	314	,, of perfumes and lotions	32772	1,08,180
15.	973	Repair of motor vehicles and motor cycles	31226	1,08,160
16.	211	Manufacture of other edible oils	28943	1,02,224
17.	335	Aluminium manufacturing	19287	84,632
18.	380	Manufacture of medical, surgical and scientific equipments	24895	31,756

1	2	3	4	5
19.	343	Manufacture of hand-tools and hardware	22041	77,981
20.	285	Printing and publishing of books, journals and periodicals	19608	69,874
21.	357	Manufacture of machine tools, parts and accessories	18738	65,963
22.	360	,, transformers and electricals	18369	64,714
23.	310	,, organic and inorganic chemicals	16977	60,887
24.	204	,, grain mills products	16914	59,461
25.	260	Knitting mills	15623	56,836
26.	354	Manufacture of industrial machinery for other than food	15773	54,007
27.	212	Tea processing	13543	51,338
28.	331	Casting and forging of iron and steel	14369	49,542
29.	321	Manufacture of glass and glass products	14195	46,133
30.	340	,, metal cans and tin plates	12762	44,414
31.	281	,, containers and boxes of paper	12503	44,014
		Others	352724	11,59,022
		All industries	1970981	68,73,812

TABLE 2.15.7

Arrangement of industries according to the consumption of Diesel Oil

Sl.No.	Code	Name of industry	Quantity (litre)	Value (Rs.)
1	2	3	4	5
1.	310	Manufacture of organic and inorganic chemicals	1763154	21,17,844
2.	331	Casting and forging of iron and steel	1353174	15,05,030
3.	214	Cashewnut processing	1001019	12,60,812
4.	203	Canning, preserving and processing of fish and similar foods	882424	12,51,680
5.	973	Repair of motor vehicles and motor cycles	925421	11,26,503
6.	212	Tea processing	384876	4,80,544
7.	302	Manufacture of rubber products	285818	4,02,674
8.	361	,, insulated wires and cables	383721	3,67,177
9.	271	Sawing and planing of wood other than plywood	225552	3,21,144
10.	320	Manufacture of structural clay products	195883	2,44,416
11.	231	Cotton spinning and weaving in mills	104709	1,49,636
12.	313	Manufacture of drugs and medicines	84556	1,24,940
13.	268	,, coir and coir products	64510	84,445
14.	329	,, non metallic mineral products	66257	78,589
15.	311	,, fertilizers and pesticides	62233	78,425
16.	211	,, other edible oils	56195	69,469

1	2	3	4	5
17.	213	Coffee curing, roasting and grinding	55106	63,294
18.	270	Manufacture of veneer, plywood and their products	34672	53,849
19.	400	Generation and transmission of electric energy	35600	51,464
20.	370	Ship-building and repairing	34486	48,666
21.	369	Manufacture of electrical machinery	33101	48,292
22.	314	, , perfumes and lotions	26449	34,950
23.	340	, , metal cans and tin plates	18557	28,322
24.	235	Weaving and finishing of cotton textiles in handlooms	20581	27,965
25.	330	Iron and steel industries	36036	25,586
26.	217	Manufacture of starch	17189	22,741
27.	206	Manufacture and refining of sugar	12224	16,502
28.	335	Aluminium manufacturing	12385	15,332
29.	200	Slaughtering, preparation and preservation of meat	12109	12,109
		Others	2656009	20,20,621
		All industries	10844046	1,21,33,020

TABLE 2.15.8

Arrangement of industries according to the consumption of other Fuel Oils

Sl.No.	Code	Name of industry	Quantity (litre)	Value (Rs.)
1	2	3	4	5
1.	311	Manufacture of fertilizers and pesticides	71209939	6,30,02,140
2.	310	,, organic and inorganic chemicals	17075349	1,48,99,526
3.	314	,, perfumes and lotions	8064530	71,45,070
4.	212	Tea processing	7315313	66,19,338
5.	247	Spinning and weaving of other textiles	7564091	57,33,000
6.	300	Tyre and tube industries	7378813	56,73,873
7.	321	Manufacturing of glass and glass products	18832147	32,69,280
8.	217	Manufacture of starch	3118370	28,18,161
9.	231	Cotton spinning and weaving in mills	2559546	22,02,647
10.	270	Manufacture of veneer, plywood and their products	1415842	21,70,630
11.	335	Aluminium manufacturing	1751878	14,98,468
12.	302	Manufacture of rubber products	1270126	12,34,129
13.	313	,, drugs and medicines	1102986	11,72,096
14.	320	,, structural clay products	970648	9,59,427
15.	360	,, transformers and electricals	705214	6,64,117
16.	331	Casting and forging of iron and steel	429976	4,03,721
17.	330	Iron and steel industries	499507	4,02,549

1	2	3	4	5
18.	220	Distilling and blending of spirits	379500	3,79,514
19.	319	Manufacture of chemical products	342715	3,00,390
20.	222	,, malt liquors and malt	299596	2,94,020
21.	203	Canning, preserving and processing of fish and similar foods	458885	2,93,847
22.	206	Manufacture and refining of sugar	297320	2,36,371
23.	361	Manufacture of insulated wires and cables	138208	1,56,030
24.	316	,, turpentine	159600	1,55,995
25.	268	,, coir and coir products	143435	1,43,618
26.	345	,, metal utensils, cutlery and kitchenware	130038	1,41,210
27.	343	,, hand-tools and hardware	283245	1,09,282
28.	380	,, medical, surgical and scientific equipments	134840	80,904
29.	219	,, other food products	106141	75,590
30.	201	,, dairy products	73286	73,415
31.	211	,, other edible oils	65935	65,667
32.	973	Repair of motor vehicles and motor cycles	29998	58,394
33.	333	Copper manufacturing	59477	33,528
34.	370	Ship-building and repairing	31522	31,371
35.	202	Canning, preservation of fruits and vegetables	27621	26,983
36.	340	Manufacture of metal cans and tin plates	14797	26,513

1	2	3	4	5
37.	205	Manufacture of bakery products	30834	23,857
38.	341	,, structural metal products	12101	23,570
39.	236	Weaving and finishing of cotton textiles in power looms	18638	17,092
		Others	72142693	6,49,71,707
		All industries	226644700	18,75,87,040

TABLE 2.15.9

Arrangement of industries according to the consumption of Lubricating Oil

Sl.No.	Code	Name of industry	Quantity (litre)	Value (Rs.)
1	2	3	4	5
1.	973	Repair of motor vehicles and motor cycles	245147	20,45,733
2.	311	Manufacture of fertilizers and pesticides	111407	8,85,203
3.	321	Cotton, spinning and weaving in mills	118515	7,66,600
4.	302	Manufacture of rubber products	106239	6,33,482
5.	247	Spinning and weaving of other textiles	54799	4,47,199
6.	321	Manufacture of glass and glass products	37628	4,38,693
7.	212	Tea processing	48698	4,18,626
8.	335	Aluminium manufacturing	79078	3,98,916
9.	203	Canning, preserving and processing of fish and similar foods	182924	3,95,731
10.	320	Manufacture of structural clay products	60577	3,31,638

1	2	3	4	5
11.	271	Sawing and planing of wood other than plywood	40312	3,00,065
12.	310	Manufacture of organic and inorganic chemicals	42810	2,91,395
13.	300	Tyre and tube industries	52987	2,49,961
14.	361	Manufacture of insulated wires and cables	33213	1,78,918
15.	360	,, transformers and electricals	35045	1,74,605
16.	206	Manufacture and refining of sugar	30178	1,61,927
17.	331	Casting and forging of iron and steel	17330	1,60,718
18.	214	Cashewnut processing	18328	1,53,117
19.	268	Manufacture of coir and coir products	19463	1,19,302
20.	270	,, veneer, plywood and their products	13668	1,08,095
21.	284	Printing and publishing of newspaper	15334	1,01,914
22.	285	Printing and publishing of books and journals	12255	97,170
23.	314	Manufacture of perfumes and lotions	11603	87,395
24.	376	Manufacture of bicycles and cycle rickshaws	10268	21,139
		Others	289766	24,10,225
		All industries	1687572	1,13,77,767

TABLE 2.15.10

Arrangement of Industries according to the Consumption of industrial power alcohol

Sl.No.	Code	Name of Industry	Quantity (litre)	Value (Rs.)
1	2	3	4	5
1.	310	Manufacture of organic and inorganic chemicals	56650	1,22,416
2.	335	Aluminium manufacturing	14815	15,324
3.	350	Manufacture of agricultural machinery and equipments	81036	13,781
4.	281	containers and boxes of paper	38600	7,839
5.	302	rubber products	40153	6,388
6.	320	structural clay products	36170	6,069
7.	214	Cashewnut processing	12698	5,671
8.	313	Manufacture of drugs and medicines	12841	2,961
9.	311	fertilizers and pesticides	15731	2,517
10.	340	metal cans and tin plates	13952	2,456
11.	204	grain mill products	11560	1,934
12.	303	plastic and plastic products	7835	1,369
13.	271	Sawing and planning of wood other than plywood	395	1,350
14.	387	Manufacture of pens and pencils	5130	1,075
		Others	4868	69,859
		All industries	352434	2,61,009

TABLE 2.15.11

Arrangement of Industries according to the consumption of electricity

Sl. No.	Code	Name of industry	Quantity KWH	Value Rs.
1	2	3	4	5
1.	335	Aluminium manufacturing	394186165	1,87,63,554
2.	311	Manufacture of fertilizers and pesticides	239186080	1,76,79,753
3.	310	,, organic and inorganic chemicals	188234822	1,16,60,552
4.	231	Cotton spinning and weaving in mills	112885224	71,60,057
5.	212	Tea processing	22017179	36,44,587
6.	302	Manufacture of rubber products	15015642	21,82,737
7.	203	Canning, preserving and processing of fish and similar foods	12798600	21,34,445
8.	247	Spinning and weaving of other textiles	19665361	20,31,509
9.	330	Iron and steel industries	14802062	17,87,872
10.	320	Manufacture of structural clay products	9185699	17,63,262
11.	300	Tyre and tube industries	16772764	15,45,656
12.	314	Manufacture of perfumes and lotions	11217522	13,70,630
13.	271	Sawing and planing of wood other than plywood	5532078	11,24,923
14.	361	Manufacture of insulated wires and cables	7423447	11,19,943
15.	270	,, veneer, plywood and their products	4397254	7,71,078
16.	214	Cashewnut processing	4504998	6,65,492

17.	360	Manufacture of transformers and electricals	4912981	6,11,694
18.	331	Casting and forging of iron and steel	3190113	5,90,416
19.	204	Manufacture of grain mill products	2622848	5,25,115
20.	973	Repair of motor vehicles and motor cycles	2978189	4,93,882
21.	211	Manufacture of other edible oils	2587612	4,90,826
22.	217	Manufacture of starch	4080538	4,69,445
23.	321	,, glass and glass products	2252964	4,65,722
24.	341	,, structural metal products	2118152	4,31,079
25.	284	Printing and publishing of newspaper	2091073	3,93,358
26.	313	Manufacture of drugs and medicines	1265452	2,70,295
27.	285	Printing and publishing of books, journals and periodicals	1033184	2,28,128
28.	206	Manufacture and refining of sugar	1426823	1,79,072
29.	222	Manufacture of malt liquors and malt	1007951	1,71,816
30.	343	Manufacture of hand tools and hardware	1030615	1,53,824
		Others	220000600	1,90,61,677
		All industries	1330424042	9,99,42,399

12. Output

The total value of goods and services produced in the factory sector during the year 1975-76 was estimated at Rs. 858 crores as against Rs. 779 crores during the previous year. There are 52 industry groups having output worth Rs. 100 lakhs or more during the year. The value of output was highest in Cashewnut processing industry with Rs. 74 crores (8.6%) followed by fertilizers and pesticides with Rs. 66 crores (7.7%). The output per employee was highest in respect of manufacture of other edible oils industry as also during the previous year. The output per employee was lowest in cashewnut processing industry. The main reason for the low productivity of labour in cashewnut processing industry was due to the seasonal nature of the industry. The output per worker in the beedi industry was Rs. 175 thousands. This is not a true index of productivity of labour in that industry. The distortion in that industry was created by a large unit which purchased large quantities of raw beedies and resold after packing and labeling. The average output per worker for all industries together was only Rs. 39 thousands. Sawing and planing of wood other than plywood, structural clay products, manufacture of veneer, plywood and other products, repair of motor vehicles, manufacture and refining of sugar, medical and surgical equipments, printing and publishing of books and journals, canning and preserving of fruits and vegetables, ship building and repairing, etc. have output per worker less than the State average. The list of industries are arranged in descending order according to the gross value of output and shown in table 2.17.

TABLE 2.17

Arrangement of Industries according to total output

Sl.No.	Code	Name of industry	Total output Rs. in lakhs	Output per employee Rs. in 1000
1	2	3	4	5
1.	214	Cashewnut processing	7416.15 (8.64)	7.61
2.	311	Manufacture of fertilizers and pesticides	6621.31 (7.71)	143.29
3.	231	Cotton spinning and weaving in mills	3672.23 (4.28)	32.46
4.	302	Manufacture of rubber products	3590.38 (4.18)	90.42
5.	212	Tea processing	3482.54 (4.06)	59.82
6.	280	Manufacture of paper and paper board	2987.72 (3.48)	96.01
7.	314	,, perfumes and lotions	2722.83 (3.25)	219.05
8.	300	Tyre and tube industries	2749.28 (3.20)	146.24
9.	310	Manufacture of organic and inorganic chemicals	2606.35 (3.04)	82.40
10.	203	Canning, preserving and processing of fish and similar foods	2190.67 (2.55)	79.26
11.	211	Manufacture of other edible oils	2189.33 (2.55)	306.63
12.	361	,, insulated wires and cables	1805.75 (2.10)	140.96
13.	335	Aluminium manufacturing	1552.02 (1.81)	144.92
14.	268	Manufacture of coir and coir products	1462.57 (1.70)	41.51
15.	235	Weaving and finishing of cotton textiles in handlooms	1399.93 (1.63)	28.76

1	2	3	4	5
16.	271	Sawing and planing wood other than plywood	1173.18 (1.37)	12.98
17.	360	Manufacture of electrical industrial machinery and parts	1152.96 (1.34)	58.17
18.	320	structural clay products	1102.41 (1.28)	8.85
19.	270	veneer, plywood and their products	954.93 (1.11)	28.09
20.	284	Printing and publishing of newspaper	904.79 (1.05)	46.64
21.	357	Manufacture of machine tools, parts and accessories	831.24 (0.97)	32.74
22.	973	Repair of motor vehicles and motor cycles	822.60 (0.96)	23.16
23.	247	Spinning, weaving and finishing of other textiles	787.36 (0.92)	41.29
24.	313	Manufacture of drugs and medicines	696.50 (0.81)	45.52
25.	316	synthetic resin	643.64 (0.75)	57.93
26.	204	Grainmill products	632.26 (0.74)	68.50
27.	330	Iron and steel industries	605.54 (0.71)	48.14
28.	206	Manufacture and refining of sugar	582.76 (0.68)	27.55
29.	331	Casting and forging of iron and steel	575.12 (0.67)	43.87
30.	340	Manufacture of metal cans and tin plates	512.00 (0.60)	51.35
31.	217	starch	475.18 (0.55)	90.00
32.	226	beedi	461.60 (0.54)	174.85
33.	341	structural metal products	394.43 (0.46)	42.64

34.	362	dry and wet batteries	363.52	(0.42)	91.34
35.	380	medical, surgical and scientific equipments	327.46	(0.38)	25.25
36.	285	Printing and publishing of books, periodicals, journals, etc.	322.69	(0.38)	11.92
37.	219	Manufacture of food products	287.95	(0.34)	119.48
38.	202	Canning and preserving of fruits and vegetables	281.72	(0.33)	31.55
39.	281	Manufacture of containers and boxes of paper	219.51	(0.26)	84.43
40.	350	agricultural machinery, equipments and parts	214.83	(0.25)	57.94
41.	201	dairy products	199.25	(0.23)	53.85
42.	370	Ship building and repairing	197.93	(0.23)	11.77
43.	289	Printing of picture and postcards	185.29	(0.22)	19.20
44.	324	Manufacture of cement	184.77	(0.22)	53.87
45.	276	wooden furniture and fixtures	174.57	(0.20)	11.99
46.	205	bakery products	174.38	(0.20)	96.34
47.	343	handtools and general hardware	132.30	(0.15)	13.20
48.	265	rain coats, hats, etc.	125.67	(0.15)	50.47
49.	400	Generation and transmission of electric energy	124.07	(0.14)	24.33

1	2	3	4	5
50.	364	Manufacture of radio and television transmitting and receiving sets	123.72 (0.14)	75.90
51.	345	" " metal utensils, cutlery and kitchen ware	111.78 (0.13)	33.07
52	376	" " " parts. bicycles, cycle rickshaws and Others	101.57 (0.12)	43.22
All industries			22155.65 (25.81)	39.22
All industries			85765.74 (100.00)	39.22

13. Value added by Manufacture (Net out)

Value added by manufacture provides a measure of the contributions made by resources of labour and capital in producing the output of an activity and is obtained by deducting the total value of input and depreciation from the total value of output.

The value added by manufacture in the factory sector during the year, 1975-76 was estimated at Rs. 149 crores as against 156 crores during the preceding year. The decrease in the value added noticed during the year was mainly due to the non-availability of the returns in respect of the Kerala State Electricity Board for study. The net output per factory during the year was Rs. 6.65 lakhs while the value added per employee was Rs. 6821. The value added was highest in respect of paper and paper board industry with Rs. 38,718 while the lowest was in respect of cashew-nut processing industry. There were 29 industry groups having a net output of Rs. 100 lakhs or more. The list of these industries are arranged in the descending order of their net out and is presented in table 2.18.

TABLE 2.18

Arrangement of industries according to value added by manufacture

Sl.No.	Code	Name of industry	Value added by manufacture Rs. lakhs	Value added per employee Rs.
1	2	3	4	5
1.	214	Cashewnut processing	1649.48 (11.05)	1692
2.	311	Manufacture of fertilizers and pesticides	1356.92 (9.09)	29364
3.	280	Manufacture of paper and paper board	1204.91 (8.07)	38718
4.	310	Manufacture of organic and inorganic chemicals	747.68 (5.02)	23638
5.	212	Tea processing	741.90 (4.97)	12743
6.	314	Manufacture of perfumes and lotions	652.90 (4.84)	56698
7.	302	Manufacture of rubber products	684.07 (4.58)	17227
8.	231	Cotton spinning and weaving in mills	651.59 (4.36)	5760
9.	300	Tyre and tube industries	605.24 (4.05)	32194
10.	320	Manufacture of structural clay products	582.77 (3.90)	4678
11.	335	Aluminium manufacturing	391.47 (2.62)	36552
12.	361	Manufacture of insulated wires and cables	342.15 (2.29)	26710
13.	360	Manufacture of electrical industrial machinery and parts	338.34 (2.27)	17071
14.	268	Manufacture of coir and coir products	318.17 (2.13)	9031
15.	357	Manufacture of machine tools, their parts and accessories	304.44 (2.04)	11991
16.	973	Repair of motor vehicles and motor cycles	272.53 (1.83)	7673
17.	271	Sawing and planing of wood other than plywood	272.19 (1.82)	3011
18.	270	Manufacture of veneer, plywood and their products	271.45 (1.82)	7984

19.	313	Manufacture of drugs and medicines	268.92	(1.80)	17576
20.	235	Weaving and finishing of cotton textiles in handlooms	250.25	(1.68)	5142
21.	284	Printing and publishing of newspaper	238.92	(1.60)	12315
22.	206	Manufacture and refining of sugar	184.12	(1.23)	8705
23.	203	Canning, preserving and processing of fish and similar foods	180.57	(1.21)	6533
24.	285	Printing and publishing of books, journals, periodicals	174.81	(1.17)	6460
25.	341	Manufacture of structural metal products	149.84	(1.00)	16199
26.	247	Spinning, weaving and finishing of other textiles	136.39	(0.91)	7152
27.	331	Casting and forging of iron and steel	124.55	(0.83)	9500
28.	370	Ship building and repairing	104.98	(0.70)	6245
29.	380	Manufacture of medical, surgical and scientific equipments	104.24	(0.70)	8037
					14860.04 (100.00)
14.	Net Income				6821

Net income represents the share of employees and entrepreneurs in the value added and is obtained by deducting the factor payments to others from the value added.

The total net income generated from the factory sector during the year is estimated at Rs. 125 crores. The net income earned was highest in respect of the cashewnut processing industry with Rs. 14.6 crores. This represents 11.6% of the total net income generated. There were 24 industry groups with a net income of Rs. 100 lakhs or more. They are arranged in descending order and given in table 2.19.

TABLE 2.19

Arrangement of Industries according to Net Income

Sl.No.	Code	Name of industry	Net Income (Rs. Lakhs)
1	2	3	4
1.	214	Cashewnut processing	1456.56 (11.58)
2.	280	Manufacture of paper and paper board	1161.03 (9.23)
3.	311	Do. fertilizers and pesticides	1133.94 (9.02)
4.	212	Tea processing	733.88 (5.84)
5.	314	Manufacture of perfumes and lotions	634.95 (5.61)
6.	302	Do. rubber products	636.97 (5.07)
7.	310	Do. organic and inorganic chemicals	602.61 (4.79)
8.	320	Do. structural clay products	554.33 (4.41)
9.	300	Tyre and tubes industries	543.29 (4.32)
10.	231	Cotton spinning and weaving in mills	498.22 (3.96)
11.	335	Aluminium manufacturing	389.43 (3.10)
12.	268	Manufacture of coir and coir products	282.64 (2.25)
13.	360	Do. electrical, industrial machinery and parts	276.97 (2.20)
14.	973	Repair of motor vehicles and motor cycles	268.75 (2.14)
15.	271	Sawing and planing of wood other than plywood	255.87 (2.03)
16.	357	Manufacture of machine tools parts and accessories	254.79 (2.03)
17.	361	Do. insulated wires and cables	250.26 (1.99)
18.	313	Do. drugs and medicines	247.73 (1.97)
19.	235	Weaving and finishing of cotton textiles in handlooms	232.86 (1.85)

20.	Manufacture of veneer, plywood and their products	228.19	(1.81)
21.	Printing and publishing of newspaper	189.76	(1.51)
22.	Printing and publishing of periodicals, books and journals	168.34	(1.34)
23.	Manufacture and refining of sugar	151.45	(1.20)
24.	,, structural metal products	127.19	(1.01)
	Other Industries	1222.27	(9.74)
	All Industries	12504.21	(100)

15. Operating Surplus

Operating surplus is the excess of the value added over the cost of employees' compensation (emoluments).

The total operating surplus in the factory sector was estimated at Rs. 64 crores. The operating surplus was highest in respect of paper and paper board industry, and the cashewnut processing industry has only sixth place among the major industries in this respect because of the intensity of labour in the industry. There were only 15 industry groups with Rs. 100 lakhs or more as operating surplus. 25% of the total operating surplus was in the paper and paper board and fertilizers and pesticides industries. The industries are arranged in the descending order of operating surplus generated and given in table 2.20.

TABLE 2.20
Arrangement of Industries according to Operating Surplus

Sl.No.	Code	Name of Industry	Operating Surplus (Rs. lakhs)
1	2	3	4
1.	280	Manufacture of paper and paper board	820.27 (12.60)
2.	311	,, fertilizers and pesticides	810.45 (12.45)
3.	314	,, perfumes and lotions	506.24 (8.85)
4.	212	Tea processing	570.60 (8.77)
5.	302	Manufacture of rubber products	508.39 (7.81)
6.	214	Cashewnut processing	469.59 (7.21)
7.	310	Manufacture of organic and inorganic chemicals	372.35 (5.72)
8.	300	Tyre and tube industries	364.26 (5.60)
9.	335	Aluminium manufacturing	218.08 (3.35)
10.	361	Manufacture of insulated wires and cables	201.76 (3.10)
11.	313	,, drugs and medicines	171.34 (2.63)
12.	268	,, coil and coir products	169.92 (2.61)
13.	360	,, electrical, industrial machinery, apparatus and parts	168.32 (2.59)
14.	206	Manufacturing and refining of Sugar	107.78 (1.66)
15.	235	Weaving and finishing of cotton textiles in handlooms	106.05 (1.63)
16.	271	Sawing and planing of wood and other plywood	96.67 (1.49)
17.	284	Printing and publishing of newspaper	91.73 (1.42)
18.	203	Canning, preserving and processing of fish and similar foods	87.04 (1.34)

19.	341	Manufacture of structural metal products	66.26	(1.02)
20.	217	Manufacture of starch	60.52	(0.93)
21.	211	,, other edible oils	57.85	(0.89)
22.	270	,, veneer, plywood and other products	44.93	(0.84)
23.	362	,, dry and wet batteries	58.08	(0.74)
24.	357	,, machine tools, parts and accessories	46.21	(0.72)
25.	331	Casting and forging of iron and steel	31.37	(0.48)
26.	973	Repair of motor vehicles and motor cycles	29.61	(0.45)
27.	380	Manufacture of medical, surgical and scientific equipments	28.30	(0.43)
		Other Industries	173.67	(2.67)
		All Industries	6438.70	(100)

Percentages are given in brackets.

16. Structural ratios by selected industry groups

Important structural ratios of major industry groups in the State have been worked out and presented in table 2.21 for the benefit of inter industry comparison. Fixed capital per factory, productive capital per factory, output per factory and fixed capital per employee were highest in respect of the manufacture of fertilizers and pesticides. The employees per unit were highest in respect of manufacture and refining of sugar while output per employee was highest in respect of manufacture of other edible oils. Value added per employee was highest in respect of manufacture of starch, wages per worker and emoluments per employee were highest in respect of aluminium manufacturing. The ratio of emoluments to output (0.10) and the ratio of value added to output (0.17) for the State as whole were less than the corresponding ratios for all India (0.12 and 0.21 respectively). The ratio of value added to output was highest in respect of paper and paper board industry with 0.40 closely followed by manufacture of drugs and medicines, structural metal products and manufacture of machine tools, their parts and accessories respectively. The capital output ratio was highest in respect of the manufacture of organic and inorganic chemicals with 1.05 and was the lowest in respect of manufacture of electrical machinery, apparatus and parts with 0.01 as against 0.29 for all industries together.

The ratio of emoluments to value added for all industries together was 0.56 as against 0.54 for the country as a whole. This ratio was highest in respect of service industry with 0.89 and was lowest in respect of manufacture of perfumes and lotions with only 0.20. The ratio of operating surplus to productive capital was highest in canning, preserving and processing of fish industry with 0.94 as against a State average of 0.17 and an all India average of 0.14. The ratio of operating surplus to output was highest in respect of paper and paper board industry with 0.27 as against a State average of 0.08. The ratio of fixed capital to value added was the minimum in respect of cashewnut processing industry with only 0.13 and it was the maximum in respect of fertilizers and pesticides industry with 4.78 as against a State average of 1.67.

SECTION-III

DISTRICT-WISE ANALYSIS OF SELECTED INDUSTRIAL CHARACTERISTICS—ALL INDUSTRIES

The District-wise distribution of industrial units under study and their major characteristics are given in Table 3.1. The percentage distribution of these items are given in Table 3.2. These tables form the basis for the district-wise analysis of industrial growth.

1. Trivandrum

There were 96 units under the factory sector of the District during the year under report. This forms only 4% of the total units under study. These units together have utilised 5% of the total fixed capital, provided 6.9% of the total employment, paid 7% of the total emoluments, produced 3% of the total output and generated 5.5% of the total value added by manufacture. The average emoluments per employee was Rs. 4,317 as against Rs. 3,848 for the State as a whole. The average emoluments per employee was highest in respect of repair of motor vehicles with Rs. 8,411 and it was lowest in cashewnut processing industry with Rs. 1,014.

Cashewnut processing, repair of motor vehicles and printing and publishing of books, periodicals and journals are the major industry groups with output of Rs. 100 lakhs or more in the District. The value added by manufacture was highest in respect of repair of motor vehicles. 44% of the total employment in the factory sector was provided by cashewnut processing industry.

2. Quilon

17.4% of the total factories under study was located in Quilon District. Out of the total of 390 units 222 units belonged to the cashew processing industry. This constitutes 57% of the total factories in the District and 86% of the total units in the industry group. Employment in the cashewnut processing industry

formed 88% of the total employment in the factory sector of the District. 88% of the total employment and 81% of the total output of this industry was in Quilon district. Again 42% of the total employment in the factory sector of the State was in Quilon district. But the average emoluments per employee in this district was only Rs. 1,692 as against Rs. 3,848 for the State as a whole. This was mainly due to the seasonal nature of employment in the cashewnut processing industry. Cashewnut processing is the foremost industry of the State in terms of employment, gross output and value added by manufacture.

3. Alleppey

There were 132 units in the factory sector of the District. Out of this 45 units or 34% was coir and coir products manufacturing units. 60% of the total units, 80% of the total productive capital, 91% of the total output, and 89% of the total value added of the coir products industry was in this District. But employment was highest in respect of cashewnut processing industry with 4,974. The average emoluments per employee was Rs. 3,463 as against a state average of Rs. 3,848. The highest amount of wages paid was in coir manufacturing industry while the average emoluments per employee was highest in respect of repair of motor vehicles. 32% of the total output and 37% of the total value added by manufacture of the District was in coir and coir products manufacturing industry.

4. Kottayam

There were 112 units in the District, of which 36 units were in the manufacture of other rubber products industry. 35% of the total productive capital, 28% of the total employment, 54% of the total output and 32% of the total value added in the district was in this industry. 43% of the total units, 39% of the productive capital, 41% of the employment, 58% of the output and 27% of the total value added in respect of this industry was in Kottayam district. Sawing and planing of wood and other wood products is the other industry which influences the economy of the district considerably. The average emoluments per employee was Rs. 5,878 as against Rs. 3,848 for the State as a whole.

5. Idukki

There were 89 industrial units which formed nearly 4% of total units in the State. Out of this 80% of the units were in the tea processing industry. 86% of the productive capital, 86% of the total employment, 93% of the total output and 92% of the total value added by manufacture of the district was in this industry. Hence the economy of the district is mainly dependent on this industry. 61% of the total employment and 74% of the total output of this industry was in this District. The average emoluments per employee was Rs. 3,350 as against 3,848 for the State as a whole.

6. Ernakulam

There were 316 industrial establishments in this District during the year under study. Though this constitute only 14% of the total units of the State 57% of the total fixed capital investment, 13.6% of the total employees, 32% of the total emoluments paid to employees, 48% of the total output and 33% of the value added by manufacture were in this District. Unlike in most other Districts where the factory sector was dominated by a single industry group. Ernakulam had the privilege of having a fairly wide dispersel of several industry groups. This is indicative of fairly high degree of industrial growth. In the number of units sawing and planing of wood had the highest number of units, followed by canning and processing of fish, and other sea foods and manufacture of structural clay products. In matters of capital investment, employments emoluments to employees, total input utilised, total value of output, value added, etc., fertilizers and pesticides industry was on the top. 45% of the total fixed capital investment was in this industry. But the average emoluments per employee was highest in respect of the tyre and tube industries with Rs. 17,871 closely followed by aluminium manufacturing industry with Rs. 16,698 while the average emoluments per employee was Rs. 9,086 as against Rs. 3,848 for the State as a whole. The average emoluments per employee was minimum in the cashewnut processing industry with Rs. 2,000 as against a State average of Rs. 1,211 for the industry as a whole.

7. Trichur

There were 334 industrial units in the district during the year under study. This formed nearly 15% of the total units in the factory sector. Out of this 38% of the units was in the manufacture of structural day products and 14% was in sawing and planing of wood other than plywood. Though the District had second place in the number of units among the Districts of the State, the District had only 5th place in the utilisation of fixed capital, third place in the matter of employment and 4th place regarding output. 19% of the fixed capital, 28% of the total employment, 8% of the total output and 23% of the total value added in the factory sector of the District was in structural clay products industry. In fact there is a concentration of tile factories in this district. But the value of output was highest in cotton spinning and weaving in mills. Sawing and planing of wood also play a crucial role in the economy of the District. The average emoluments per worker was Rs. 4,551 as against Rs. 3,848 for the State as a whole.

8. Palghat

There were 186 industrial units in the District. This included 48 saw mills and 40 grain mills. Though there were only 3 units under cotton spinning and weaving in mills the bulk of the fixed capital, employment, amount of wages, output and value added were in the cotton spinning and weaving in mills industry. The average emoluments per employee was also highest in respect of this industry with Rs. 7,536 as against a district average of Rs. 3,753 and a State average of Rs. 3,848. Saw mills are a close second in providing industrial employment. Units of the grain mill products are concentrated in this District being the granary of the State.

9. Malappuram

Malappuram is the least developed district of the State. There were only 36 industrial units available for the present study. Out of this 9 were saw mills and another 4 units were in the structural clay products industry. These units formed only 2% of the total units, utilised only 0.4% of the total fixed capital gave employment only .76% of total employees and produced

only 0.7% of the total output in the factory sector. But the average emoluments per employee was Rs. 5,222 as against Rs. 3,848 for the State as a whole.

10. Kozhikode

The total number of units in the factory sector of the District was 303. Out of this 122 units were engaged in sawing and planing of wood and other wood products. But as regards fixed capital utilization wood industry ranked only 3rd among major industrial groups. The District had 3rd rank in the number of industrial establishments, 2nd place in the utilisation of fixed capital, 4th place in providing industrial employment and 3rd place with regard to output and value added by manufacture among the Districts. The structural clay products industry provided maximum employment. The output was highest in the tea processing industry while the value added by manufacture was highest in structural clay products industry. Concentration of any particular industry is not visible in the District as a number of industries together hold the key of the economy of the District. The average emoluments per employee was Rs. 5,052 as against Rs. 7,394 in the printing and publishing of newspaper industry and Rs. 3,848 for the State as a whole.

11. Cannanore

The total number of units in the factory sector of the District was 245. Out of this 79 (32%) were weaving and finishing of cotton textiles in handloom and 66 units (27%) were saw mills. These two industries together covered 59% of the total units. Out of the total fixed capital investment in the District 35% was in cotton spinning and weaving and finishing of cotton textiles and 28% was in wood industry. Out of a total employment of 15,146 the highest number of workers was in the weaving and finishing of cotton textiles in handlooms and mills with 6,647 (43%). There were six industry groups with 1000 or more employees in them. The total output was highest in weaving and finishing of cotton textiles in handlooms with Rs. 1,246 lakhs. This constituted 30% of the total value of output in the factory sector and 89% of the total output in this industry group. The value added by manufacture was

also highest in this industry group. The average emoluments per employee was Rs. 3,756 as against Rs. 3,848 for the State as a whole.

The above discussion reveals that certain industries are concentrated in particular districts. These industries are given below against the district concerned.

District	Industry with heavy concentration in terms of output of each industry in the District
1. Quilon	Cashewnut processing (81 %)
2. Alleppey	Coir and coir products (91%)
3. Kottayam	Other rubber products (58%)
4. Idukki	Tea processing (74%)
5. Cannanore	Weaving and finishing of cotton textiles in handlooms (89%)

Wood industry and structural clay products are the other two important industries which play crucial roles in the economy of several districts. There is fairly good dispersal of several industries in Ernakulam and Calicut districts.

Though Malappuram district is the most backward district in industrial development the average emoluments per employee was higher than the average for the State as a whole. The average emoluments per employee was less than the State average in Cannanore, Palghat, Idukki, Alleppey and Quilon while it was the lowest in Quilon district. It is of interest to note that certain major industries of the State are concentrated in the above Districts except Palghat.

The share of three most important industries in the total value of output in the Districts are given below.

TABLE 3.3

1. Share of 3 most important industries in the total value of output in the District.

Sl. No.	Name of Industry group	Total output (Rs. lakhs)	Industries Output (Rs. lakhs)	share Percentage
1	2	3	4	5
1.	Trivandrum	2,741		
(1)	Cashewnut processing		352	13
(2)	Repair of motor vehicles		251	9
(3)	Printing and publishing of books, periodicals and journals		145	5
			<u>748</u>	<u>27</u>
2.	Quilon	10,934		
(1)	Cashewnut processing		6,021	55
(2)	Canning and processing of fish		618	5
(3)	Manufacture of rubber products		413	3
			<u>7,052</u>	<u>64</u>
3.	Alleppey	4,141		
(1)	Coir and Coir products		1,334	32
(2)	Manufacture of other edible oil		498	12
(3)	Cashewnut processing		327	8
			<u>2,159</u>	<u>52</u>
4.	Kottayam	3,891		
(1)	Manufacture of other rubber products		2,085	54
(2)	Manufacture of fertilizers and pesticides		308	8
(3)	Manufacture of veneer, plywood, etc.		195	5
			<u>2,588</u>	<u>67</u>

1	2	3	4	5
5.	Idukki	2,136		
(1)	Tea processing		1,998	93
(2)	Manufacture of rubber products		52	3
			<u>2,050</u>	<u>96</u>
6.	Ernakulam	41,416		
(1)	Manufacture of chemical and chemical products except petroleum		9,989	24
(2)	Tyre and tube industries		2,485	6
(3)	Aluminium manufacturing		1,528	4
			<u>14,002</u>	<u>34</u>
7.	Trichur	5,745		
(1)	Cotton spinning and weaving in mills		775	13
(2)	Structural clay products		423	8
(3)	Manufacture of rubber products		254	4
			<u>1,452</u>	<u>25</u>
8.	Palghat	2,674		
(1)	Cotton spinning and weaving in mills		577	21
(2)	Structural clay products		347	13
(3)	Wood industries		218	8
			<u>1,132</u>	<u>42</u>
9.	Malappuram	616		
(1)	Manufacture of other edible oils		141	23
(2)	„ Structural clay products		35	6
(3)	Saw mills		13	2
			<u>189</u>	<u>31</u>

(1)	(2)	(3)	(4)	(5)
10. Kozhikode		6,818		
(1) Tea processing			467	7
(2) Iron and steel industries			418	6
(3) Manufacture of perfumes and lotions			323	5
			<u>1,208</u>	<u>18</u>
11. Cannanore		4,098		
(1) Weaving and finishing of cotton textiles			2,070	51
(2) Wood industries			423	10
(3) Cashewnut processing			211	5
			<u>2,704</u>	<u>66</u>

Industry-wise details of major characteristics of the districts are given in table 3.4. to 3.15

Scale of Industrial Development

The above discussion reveals that some of the districts of the State are comparably advanced industrially while some others are lagging very behind in this respect. In order to arrive at the relative level of development the districts are ranked on the basis of the contribution towards the factory sector in terms of six major industrial characteristics viz. (1) the number of units (2) fixed capital (3) total value of output (4) value added by manufacture (7) total number of persons employed and (8) total emoluments

paid to the employees, by giving equal weights. Considering the ranks of the districts in these items the districts are ranked as follows:—

Sl. No.	Name of district	Rank	
		1974-75	1975-76
1	2	3	4
1.	Ernakulam	1	1
2.	Quilon	2	2
3.	Kozhikode	4	3
4.	Trichur	3	4
5.	Alleppey	7	5
6.	Cannanore	6	6
7.	Trivandrum	5	7
8.	Kottayam	8	8
9.	Palghat	8	8
10.	Idukki	9	9
11.	Malappuram	10	10

As also during the previous year Ernakulam and Quilon got the first two ranks respectively while Malappuram got the last rank. Kottayam, Idukki, Palghat and Cannanore have maintained their ranks while Alleppey and Kozhikode showed upward changes in ranks. Trichur and Trivandrum showed downward changes. The reason for the downward changes of these districts in ranks was due to the declined trend in the number of employees and consequently output.

The comparative ranking of the districts according to industrial development during 1975-76 over 1974-75 is given in table 3.16.

Some important district wise structural ratios of the factory sector, for the year 1975-76 are given in table 3.17 for the benefit of inter district comparison of industrial development from various angles.

TABLE 3.1

ANNUAL SURVEY OF INDUSTRIES 1975-76

District-wise industrial characteristics (Rs. in lakhs)
(Census and Non-Census Combined)

Sl. No.	District	No. of units			Productive capital			Fixed capital		
		Census	Non-census	Total	Census	Non-census	Total	Census	Non-census	Total
1	2	3	4	5	6	7	8	9	10	11
1.	Trivandrum	42	54	96	1841.24	244.29	2085.53	1165.03	104.92	1269.95
2.	Quilon	213	177	390	2704.27	550.30	3254.57	1379.59	257.66	1637.25
3.	Alleppey	35	97	132	1039.19	470.39	1509.58	680.90	194.27	875.17
4.	Kottayam	24	88	112	767.89	351.68	1119.57	463.13	201.82	664.95
5.	Idukki	40	49	89	363.27	174.94	538.21	236.30	110.63	346.93
6.	Ernakulam	84	232	316	19319.58	484.08	20003.66	13677.58	502.97	14180.55
7.	Trichur	75	259	334	1468.60	472.55	1941.15	634.17	244.01	887.18
8.	Palghat	31	155	186	1089.98	211.53	1301.51	671.58	114.13	785.72
9.	Malappuram	7	29	36	172.94	35.05	207.99	90.63	20.63	111.26
10.	Kozhikode	71	232	303	3742.16	766.80	4508.96	2898.16	586.23	3484.39
11.	Cannanore	40	205	245	801.24	407.56	1208.80	420.00	247.30	667.30
Total		662	1577	2239	33310.36	4369.17	37679.53	22326.08	2584.57	24910.65

TABLE 3.1—(Contd.)

Sl. No.	District	Working capital				Invested capital				Outstanding loans			
		Census	Non-census	Total	Census	Non-census	Total	Census	Non-census	Total			
1	2	12	13	14	15	16	17	18	19	20			
1.	Trivandrum	676.21	139.37	815.58	1796.07	236.16	2032.23	1073.22	146.22	1219.44			
2.	Quilon	1324.68	292.64	1617.32	3548.50	683.65	4232.15	2106.18	310.50	2416.68			
3	Alleppey	358.29	276.12	634.41	1286.53	507.62	1794.15	840.83	249.02	1089.85			
4.	Kottayam	304.76	149.86	454.62	979.31	395.83	1375.14	449.85	169.74	619.59			
5.	Idukki	126.97	64.31	191.28	372.22	176.84	549.06	9.71	9.35	19.06			
6.	Ernakulam	5672.00	181.11	5823.11	23505.51	875.99	24381.50	9222.85	533.55	9756.40			
7.	Trichur	825.43	228.54	1053.97	1717.04	519.24	2236.28	974.90	259.80	1234.70			
8	Palghat	418.39	97.40	515.79	1129.44	213.82	1343.26	574.87	91.08	665.95			
9.	Malappuram	82.31	14.42	96.73	191.59	37.82	229.41	120.63	14.72	135.35			
10.	Kozhikode	844.00	180.57	1024.57	4074.40	761.78	4836.18	969.75	494.95	1464.70			
11.	Cannanore	381.24	160.26	541.50	911.36	415.47	1326.83	452.50	216.62	669.12			
Total		10984.28	1784.60	12768.88	39511.97	4824.22	44336.19	16795.29	2495.55	19290.84			

TABLE 3.1—(Contd.)

Sl. No.	District	Mandays worked			Total	Census	All workers (no.)	
		Census	Non-census	Total			Census	Non-census	Total
1	2	21	22	23	24	25	26	
1.	Trivandrum	2191328	381114	2572442	9871	1325	11196	
2.	Quilon	13455459	1551437	15006896	77316	8622	85938	
3.	Alleppey	1887853	618038	2505891	8241	2405	10646	
4.	Kottayam	816843	547226	1364069	2468	1780	4248	
5.	Idukki	726967	382961	1109928	2381	1292	3673	
6.	Ernakulam	5977450	1083491	7060941	18268	3920	22188	
7.	Trichur	2727552	1238231	3965753	9657	4761	14418	
8.	Palghat	1194936	694603	1889539	4262	2581	6843	
9.	Malappuram	280646	96893	377539	927	451	1378	
10.	Kozhikode	3084708	1161838	4246546	10562	4235	14797	
11.	Cannanore	2233163	1593072	3826235	7733	5539	13272	
Total		34576875	9348904	43925779	151686	36911	188597	

TABLE 3.1—(Contd.)

Sl. No.	District	All Employees				Wages to workers		
		Census	Non-census	Total	Census	Non-census	Total	
1	2	27	28	29	30	31	32	
1.	Trivandrum	11407	1647	13054	346.79	39.83	386.62	
2.	Quilon	83034	9707	92741	1027.11	115.16	1142.27	
3.	Alleppey	9649	3623	13272	245.10	78.09	323.19	
4.	Kottayam	3387	2358	5745	142.31	52.80	195.11	
5.	Idukki	2693	1502	4195	58.50	30.42	88.92	
6.	Ernakulam	24533	5159	21692	1423.01	115.80	1538.81	
7.	Trichur	11036	5778	16814	418.60	115.81	534.41	
8.	Palghat	5308	3161	8469	171.82	49.56	221.38	
9.	Malappuram	1115	550	1665	48.64	7.31	55.95	
10.	Kozhikode	12853	5229	18012	467.77	109.96	577.73	
11.	Cannanore	8601	6547	15148	282.63	126.04	408.67	
Total		173616	45261	218877	4632.28	840.78	5473.06	

TABLE 3.1—(Contd.)

Sl. No.	District	Total emoluments			Total input		
		Census	Non-census	Total	Census	Non-census	Total
1	2	33	34	35	36	37	38
1.	Tivandrum	502.78	60.70	563.48	1298.12	424.60	1722.22
2.	Quilon	1409.92	159.50	1569.42	7337.35	1171.98	8509.33
3.	Alleppey	346.90	112.75	459.65	1411.82	1891.17	3302.99
4.	Kottayam	253.06	84.67	337.73	2300.11	945.89	3246.00
5.	Idukki	90.44	50.10	140.54	1419.96	716.24	2136.20
6.	Ernakulam	2506.85	191.05	2697.90	33184.26	1867.28	35051.54
7.	Trichur	599.23	166.01	765.24	2821.99	1381.65	4203.64
8.	Palghat	251.99	65.91	317.90	1131.35	844.00	1975.35
9.	Malappuram	76.91	10.04	86.95	252.56	177.68	430.24
10.	Kozhikode	759.48	154.15	913.63	3608.19	1165.56	4773.75
11.	Cannanore	393.99	174.91	568.90	1855.88	1327.40	3183.28
	Total	7191.55	1229.79	8421.34	56621.59	11913.44	68535.03

TABLE 3.1—(Contd.)

Sl. No.	District	Total output			Depreciation		
		Census	Non-census	Total	Census	Non-census	Total
1	2	39	40	41	42	43	44
1.	Trivandrum	2201.41	539.84	2741.25	180.99	9.57	190.56
2.	Quilon	9471.67	1462.20	10933.87	107.67	25.47	133.14
3.	Alleppey	1871.19	2269.94	4141.14	50.90	22.06	72.96
4.	Kottayam	2767.67	1123.10	3890.77	48.49	17.10	65.59
5.	Idukki	1859.67	901.32	2760.99	22.21	10.44	32.65
6.	Ernakulam	39061.64	2284.56	41416.20	1343.51	45.47	1388.98
7.	Trichur	4012.32	1733.16	5745.48	58.94	24.54	83.48
8.	Palghat	1696.94	977.28	2674.22	67.41	10.10	77.51
9.	Malappuram	417.54	198.34	615.88	9.72	1.80	11.52
10.	Kozhikode	5337.77	1480.07	6817.84	200.00	31.88	231.88
11.	Cannanore	2452.12	1645.99	4098.11	65.62	16.77	82.39
	Total	71149.96	14615.79	85765.75	2155.46	215.20	2370.66

TABLE 3.1—(Contd.)

Sl. No.	District	Value added			Net Income		
		Census	Non-census	Total	Census	Non-census	Total
1	2	45	46	47	48	49	50
1.	Trivandrum	722.30	105.67	827.97	622.52	89.66	712.18
2.	Quilon	2026.65	264.75	2291.40	1734.03	222.76	1956.79
3.	Alleppey	408.47	356.70	765.17	298.35	321.24	619.59
4.	Kottayam	419.07	160.11	579.18	342.71	135.66	478.37
5.	Idukki	417.50	174.64	592.14	409.95	172.87	582.82
6.	Ernakulam	4533.87	371.81	4905.68	3479.36	290.89	3770.25
7.	Trichur	1131.39	326.97	1458.36	971.03	297.43	1268.46
8.	Palghat	498.18	123.17	621.35	434.61	110.19	545.80
9.	Malappuram	155.26	18.86	174.12	141.72	17.11	158.83
10.	Kozhikode	1529.59	282.63	1812.22	1422.51	242.26	1664.77
11.	Cannanore	530.62	301.82	832.43	472.91	273.47	746.37
Total		12372.91	2487.15	14860.06	10330.69	2173.54	12504.23

TABLE 3.2

District-wise Industrial characteristics—Percentage distributions

Sl. No.	District	No. of units			Fixed capital			Working capital		
		Census	Non-census	Total	Census	Non-census	Total	Census	Non-census	Total
1	2	3	4	5	6	7	8	9	10	11
1.	Trivandrum	6.34	3.42	4.29	5.22	4.06	5.10	6.16	7.81	6.39
2.	Quilon	32.17	11.22	17.42	6.18	9.97	6.57	12.06	16.40	12.67
3.	Alleppey	5.29	6.15	5.90	3.05	7.52	3.51	3.26	15.47	4.97
4.	Kottayam	3.63	5.58	5.00	2.07	7.81	2.67	2.78	8.40	3.56
5.	Idukki	6.04	3.11	3.97	1.06	4.28	1.39	1.16	3.60	1.50
6.	Ernakulam	12.67	14.71	14.11	61.26	19.46	56.93	51.35	10.15	45.60
7.	Trichur	11.33	16.43	14.92	2.88	9.44	3.56	7.52	12.80	8.25
8.	Palghat	4.68	9.83	8.31	3.01	4.42	3.15	3.81	5.46	4.04
9.	Malappuram	1.06	1.84	1.61	0.41	0.80	0.45	0.75	0.81	0.76
10.	Kozhikode	10.73	14.71	13.53	12.98	22.67	13.99	7.68	10.12	8.02
11.	Cannanore	6.04	13.00	10.94	1.88	9.57	2.68	3.47	8.98	4.24
STATE		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 3.2—(Contd.)

Sl. No.	District	Productive capital			Invested capital		
		Census	Non-census	Total	Census	Non-census	Total
		12	13	14	15	16	17
1.	Trivandrum	5.53	5.59	5.54	4.55	4.90	4.58
2.	Quilon	8.12	12.60	8.64	8.98	14.17	9.55
3.	Alleppey	3.12	10.77	4.01	3.26	10.52	4.05
4.	Kottayam	2.30	8.05	2.97	2.48	8.21	3.10
5.	Idukki	1.09	4.00	1.43	0.94	3.67	1.24
6.	Ernakulam	58.00	15.65	53.08	59.48	18.16	54.99
7.	Trichur	4.41	10.82	5.15	4.35	10.76	5.04
8.	Palghat	3.27	4.84	3.45	2.86	4.43	3.03
9.	Malappuram	0.52	0.80	0.55	0.49	0.78	0.52
10.	Kozhikode	11.23	17.55	11.97	10.30	15.79	10.91
11.	Cannanore	2.41	9.33	3.21	2.31	8.61	2.99
STATE		100.00	100.00	100.00	100.00	100.00	100.00

TABLE 3.2—(Contd.)

Sl. No.	District	Outstanding loans			All workers			All employees		
		Census	Non-census	Total	Census	Non-census	Total	Census	Non-census	Total
1	2	18	19	20	21	22	23	24	25	26
1.	Trivandrum	6.39	5.86	6.32	6.51	3.59	5.94	6.57	3.64	5.96
2.	Quilon	12.54	12.44	12.53	50.97	23.36	45.57	47.83	21.45	42.37
3.	Alleppey	5.01	9.98	5.65	5.43	6.52	5.64	5.56	8.01	6.06
4.	Kottayam	2.68	6.80	3.21	1.63	4.82	2.25	1.95	5.21	2.63
5.	Idukki	0.06	0.38	0.10	1.57	3.50	1.95	1.55	3.32	1.92
6.	Ernakulam	54.91	21.38	50.58	12.04	10.62	11.76	14.13	11.40	13.57
7.	Trichur	5.81	10.41	6.40	6.37	12.89	7.64	6.36	12.17	7.68
8.	Palghat	3.42	3.65	3.45	2.81	7.00	3.63	3.06	6.98	3.87
9.	Malappuram	0.72	0.59	0.70	0.61	1.22	0.73	0.64	1.22	0.76
10.	Kozhikode	5.77	19.83	7.59	6.96	11.47	7.85	7.40	11.54	8.26
11.	Cannanore	2.69	8.68	3.47	5.10	15.01	7.04	4.95	14.46	6.92
STATE		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 3.2--(Contd.)

Sl. No.	District	Wages to workers			Total Emoluments		
		Census	Non-census	Total	Census	Non-census	Total
1	2	27	28	29	30	31	32
1.	Trivandrum	7.49	4.74	7.06	6.99	4.94	6.69
2.	Quilon	22.17	13.70	20.87	19.61	12.97	18.64
3.	Alleppey	5.29	9.29	5.91	4.82	9.17	5.46
4.	Kottayam	3.07	6.28	3.57	3.52	6.88	4.01
5.	Idukki	1.26	3.62	1.63	1.26	4.07	1.67
6.	Ernakulam	30.72	13.77	28.12	34.86	15.54	32.04
7.	Trichur	9.04	13.77	9.76	8.33	13.50	9.09
8.	Palghat	3.71	5.90	4.05	3.50	5.36	3.77
9.	Malappuram	1.05	0.87	1.02	1.07	0.82	1.03
10.	Kozhikode	10.10	13.08	10.55	10.56	12.54	10.85
11.	Cannanore	6.10	14.98	7.46	5.48	14.21	6.75
	STATE	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 3.2—(Concl'd.)

Sl. No.	District	Value added			Net Income		
		Census	Non-census	Total	Census	Non-census	Total
1	2	42	43	44	45	46	47
1.	Trivandrum	5.81	4.25	5.55	5.99	4.13	5.66
2.	Quilon	16.29	10.65	15.35	16.67	10.25	15.50
3.	Alleppey	3.28	14.34	5.13	2.87	14.78	4.93
4.	Kottayam	3.37	6.44	3.88	3.30	6.24	3.80
5.	Idukki	3.36	7.02	3.97	3.94	7.95	4.64
6.	Ernakulam	37.00	14.95	33.33	34.13	13.38	30.54
7.	Trichur	9.09	13.15	9.77	9.34	13.68	10.09
8.	Palghat	4.00	4.95	4.15	4.18	5.07	4.34
9.	Malappuram	1.25	0.76	1.16	1.35	0.79	1.26
10.	Kezhikode	12.29	11.36	12.14	13.68	11.15	13.24
11.	Cannanore	4.26	12.13	5.57	4.55	12.58	5.94
STATE		100.00	100.00	100.00	100.00	100.00	100.00

TABLE 3.3

Annual Survey of Industries 1975-76—Major Industrial Characteristics
(Census and Non-census)

Sl. No.	Code No.	Name of industry	No. of units			Fixed Capital			Working Capital		
			Census	Non-census	Total	Census	Non-census	Total	Census	Non-census	Total
1	2	3	4	5	6	7	8	9	10	11	12
1.	400	Generation and transmission of electric energy	5	..	5	54.80	..	54.80	33.39	..	33.39
2.	201	Manufacture of Dairy Products	*	*	4	40.21	28.32	69.03	1.65	(-)3.80	(-)2.15
3.	202	Canning and preservation of fruits and vegetables	5	6	11	19.86	12.41	32.27	9.95	20.28	30.23
4.	203	Canning, preserving and processing of fish and similar foods	18	29	47	163.15	158.59	321.74	79.24	6.46	85.70
5.	204	Grain mill products	4	57	61	32.19	35.05	67.24	6.52	40.03	46.55
6.	205	Manufacture of factory products	*	*	4	43.25	5.13	48.38	22.62	5.65	23.27
7.	206	Manufacture and refining of sugar	3	..	3	200.41	..	200.41	67.56	..	67.56

8.	211	Manufacture of other edible oils	*	*	39	10.23	60.10	70.33	9.35	78.81	88.16
9.	212	Tea processing	45	55	100	271.43	187.09	458.52	180.86	67.56	248.42
10.	213	Coffee curing, roasting and grinding	*	*	6	18.99	3.28	22.27	20.78	8.15	28.93
11.	214	Cashewnut processing	202	55	257	176.45	29.81	206.26	806.88	118.27	925.15
12.	215	Manufacture of Ice	..	3	3	..	9.21	9.21	..	3.13	3.13
13.	217	Manufacture of starch	*	*	5	61.52	1.97	63.49	112.00	(-)0.25	111.75
14.	219	Manufacture of food products (N.E.C.)	..	8	8	..	22.99	22.99	..	89.99	89.99
15.	226	Manufacture of beedi	*	*	5	4.36	0.23	4.59	0.08	(-)2.00	(-)1.92
16.	231	Cotton spinning and weaving in mills	23	..	23	982.62	..	982.62	252.15	..	252.15
17.	232	Printing, dyeing and bleaching of cotton textiles	*	*	3	4.08	0.36	4.44	2.04	(-)0.03	2.01
18.	235	Weaving and finishing of cotton textiles in Handlooms	10	86	96	15.51	44.33	59.84	60.31	84.48	144.79
19.	236	Weaving and finishing of cotton textiles in powerlooms	*	*	11	3.37	7.39	10.76	(-)3.74	5.62	1.88
20.	247	Spinning, weaving and finishing of other textiles	*	*	3	308.41	0.55	308.96	517.28	(-)0.10	517.18
21.	260	Knitting Mills	*	*	6	13.41	1.70	15.11	20.99	..	20.99

1	2	3	4	5	6	7	8	9	10	11	12
22.	265	Manufacture of rain coats, hats etc.	*	*	10	3.37	1.34	4.71	18.79	3.40	22.19
23.	268	Manufacture of coir and coir products	13	51	64	48.68	74.44	123.12	164.16	132.27	296.43
24.	270	Manufacture of Veneer, Plywood and other products	18	23	41	261.53	41.24	302.77	224.16	16.37	240.53
25.	271	Sawing and Planing of wood (other than Plywood)	30	353	383	15.41	150.92	166.33	132.81	109.57	242.38
26.	272	Manufacture of wooden and cane boxes	..	12	12	..	3.89	3.89	..	5.69	5.69
27.	273	Manufacture of structural wooden goods	..	3	3	..	8.01	8.01	..	1.16	1.16
28.	274	Manufacture of wooden industrial goods	..	6	6	..	3.53	3.53	..	6.77	6.77
29.	276	Manufacture of wooden furniture and fixtures	5	17	22	21.00	7.08	28.08	61.30	31.22	92.52
30.	280	Manufacture of paper and paper board	4	3	7	2202.73	3.56	2206.29	498.50	3.20	501.70
31.	281	Manufacture of container and boxes of paper and paper board	*	*	12	7.40	28.09	35.49	2.62	20.50	23.12
32.	284	Printing and publishing of newspaper	9	8	17	131.27	25.36	156.63	183.24	23.76	207.00

33.	285	Printing and publishing of periodicals books and Journals	8	59	67	113.56	80.08	193.64	103.58	26.26	129.84
34.	289	Printing of picture and post cards	3	28	31	54.18	31.40	85.58	6.10	23.67	29.77
35.	300	Tyre and tube industries	5	9	14	366.00	15.06	381.06	641.92	14.61	656.53
36.	302	Manufacture of rubber products (N.E.C.)	20	66	86	316.01	243.19	559.20	268.09	170.38	438.47
37.	303	Manufacture of plastic products (N.E.C.)	*	*	9	14.28	21.06	35.34	2.38	5.22	7.60
38.	310	Manufacture of organic and inorganic chemicals	9	9	18	2696.11	30.19	2726.30	844.99	(-)	4.49 840.50
39.	311	Manufacture of fertilizers and pesticides	4	14	18	6477.55	14.86	6492.47	736.71	89.48	826.19
40.	313	Manufacture of drugs and medicines	5	24	29	95.99	47.58	143.57	120.96	12.87	133.83
41.	314	Manufacture of perfumes and lotions	4	5	9	266.22	23.05	289.27	210.88	17.99	228.87
42.	316	Manufacture of turpentine	*	*	9	824.96	60.01	884.97	93.22	21.63	114.85
43.	317	Manufacture of matches	*	*	12	0.85	1.93	2.78	0.08	4.90	4.98
44.	318	Manufacture of explosives and ammunitions fire works	..	3	3	..	0.07	0.07	..	0.06	0.06
45.	319	Manufacture of chemical products (N.E.C.)	*	*	3	15.04	2.82	17.86	0.94	4.12	5.06
46.	320	Manufacture of structural clay products	67	165	232	146.78	146.36	293.14	148.58	108.20	257.08

1	2	3	4	5	6	7	8	9	10	11	12
47.	323	Manufacture of china-ware and porcelainware	*	*	5	41.19	2.83	44.02 (-)	10.13	2.62 (-)	7.51
83.	424	Manufacture of cement	*	*	3	27.74	3.84	31.58	60.26 (-)	3.47	56.79
49.	329	Manufacture of miscellaneous non-metallic mineral products	*	*	5	14.40	1.50	15.90	19.84	0.90	20.74
50.	330	Iron and steel industries	5	4	9	345.43	30.91	374.34 (-)	78.47	10.39 (-)	68.08
51.	331	Casting and forging of iron and steel	6	12	18	153.36	42.85	196.24	210.55	13.32	223.87
52.	335	Aluminium manufacturing	*	*	5	309.71	4.47	314.18	2.71	6.80	9.51
53.	340	Manufacture of metal cans and template	4	37	41	48.16	69.43	117.59	57.39	79.57	130.96
54.	341	Manufacture of structural metal products	*	*	22	51.20	17.01	68.21	225.96	19.15	245.11
55.	342	Manufacture of metal furniture and fixtures	*	5	7	1.43	10.67	12.10	2.62 (-)	0.84	1.78
56.	343	Manufacture of hand-tools and general hardware	5	15	20	14.41	19.02	33.43	9.52	5.72	15.24
57.	345	Manufacture of metal utensils, cutlery and kitchenware	*	*	16	4.02	16.87	20.89	5.68	22.58	28.26
58.	350	Manufacture of Agricultural machinery and equipments and parts	*	*	4	9.77	30.53	40.30	7.60	42.37	49.97

59.	353	Industrial machinery for food and textiles	4	4	8	6.05	4.10	10.15	19.70	6.79	26.49
60.	354	Industrial machinery for other than food and textiles	*	*	10	2.85	7.19	10.04	0.13	5.27	5.40
61.	356	Manufacture and repair of general items of non-electrical machinery	..	3	3	..	2.17	2.17	..	(-)0.13(-)	0.13
62.	357	Manufacture of machine tools, their parts and accessories	*	*	9	636.49	68.77	705.26	325.54	22.98	348.52
63.	358	Manufacture of machine office computing and accounting a machinery and parts	..	5	5	..	1.77	1.77	..	1.46	1.46
64.	359	Manu: of sewing machines	*	*	8	3.53	10.50	14.03	5.46	6.39	11.85
65.	360	Manu: of electrical industrial machinery and apparatus and parts	6	7	13	633.89	15.87	649.76	674.16	35.66	709.82
66.	361	Manu: of insulated wires and cables	3	3	6	276.32	11.52	287.84	394.76	20.25	415.01
67.	362	Manu: of dry and wet batteries	*	*	3	170.62	3.01	173.63	44.66	0.75	45.41
68.	364	Manu: of radio and television transmitting and receiving sets	*	*	3	25.52	11.30	36.82	3.91	32.06	35.97

1	2	3	4	5	6	7	8	9	10	11	12
69.	369	Manu: of electrical machinery and parts (N.E.C.)	*	*	3	4.95	2.84	7.79	17.21(-)	2.79	14.42
70.	370	Ship building and repairing	10	10	20	21.63	13.11	34.74	67.51(-)	5.39	62.12
71.	376	Manufacture of bicycles, cycle rickshaws and parts	*	*	8	8.88	44.44	13.32	27.57	8.74	36.31
72.	380	Manufacture of medical, surgical and scientific equipments	4	5	9	185.82	2.07	187.89	131.00	5.34	136.34
73.	387	Manu: of pen and pencils	..	3	3	..	2.50	2.50	..	2.89	2.89
74.	389	Manu: of miscellaneous products (N.E.C.)	..	3	3	..	0.37	0.37	..	0.32	0.32
75.	972	Electrical repair shops	..	3	3	..	3.22	3.22	..	0.55	0.55
76.	973	Repair of motor vehicles and motor cycles	24	72	96	76.22	62.00	138.22	31.17	22.60	53.77
77.	979	Repair of enterprises (N.E.C.)	..	3	3	..	1.09	1.09	..	1.02	1.02
78.		Other industries	17	34	51	2751.32	432.67	3183.99	2063.75	49.67	2113.42
Total			662	1577	2239	22396.08	2584.57	24910.65	10984.23	1784.60	12768.88

Note:—*Details regarding the number of units in any industry group with less than 3 units have not been given separately as per the restrictive clause under the Factories Act 1948.

TABLE 3.3 (Contd.)

Sl. No.	Code	Productive Capital		Invested Capital		Outstanding loans				
		Census	Non-Census	Total	Census	Non-Census	Total			
1	2	3	4	5	6	7	8	9	10	11
1.	40	88.19	..	88.19	70.83	..	70.83	8.41	..	8.41
2.	201	41.86	25.02	66.86	41.88	32.03	73.91	..	20.62	20.62
3.	202	29.81	32.69	62.50	63.13	44.46	107.59	63.15	19.65	82.80
4.	203	242.39	165.05	407.44	294.28	246.22	540.50	260.72	263.84	524.56
5.	204	38.71	75.03	113.79	38.76	68.34	107.10	19.37	15.17	34.54
6.	205	65.87	10.78	76.65	54.40	6.33	60.73	16.91	3.83	20.74
7.	206	267.97	..	267.97	363.58	..	363.58	298.54	..	298.54
8.	211	19.58	138.91	158.49	22.34	153.88	176.22	6.96	49.43	56.69
9.	212	452.29	254.65	706.94	459.29	260.37	719.66	..	7.71	7.71
10.	213	39.77	11.42	51.19	27.46	11.61	39.07	5.97	2.49	8.46
11.	214	983.33	148.08	1131.41	1605.43	235.41	1840.84	901.97	115.52	1017.49
12.	215	..	12.34	12.34	..	12.95	12.95	..	9.63	9.63
13.	217	173.52	1.72	175.24	157.88	2.20	160.08	139.26	0.66	139.92
14.	219	..	112.98	112.98	..	115.83	115.83	..	26.26	26.26
15.	226	4.44	(-)	2.67	40.69	3.06	43.75	..	1.15	1.15
16.	231	1234.77	..	1234.77	1896.68	..	1896.68	1253.94	..	1253.94
17.	232	6.12	0.33	6.45	13.82	0.63	14.45	4.09	..	4.09
18.	235	75.82	128.81	204.63	75.68	125.03	200.71	31.06	67.87	98.93
19.	236	(-)	13.01	12.64	4.54	10.07	14.61	7.18	3.07	10.25

1	2	3	4	5	6	7	8	9	10	11
20.	247	825.69	0.45	826.14	830.76	0.17	830.93	242.61	0.35	242.96
21.	260	34.40	1.70	36.10	29.95	1.70	31.65	21.01		21.01
22.	265	22.16	4.74	26.90	22.00	10.62	32.62	15.60	7.64	23.24
23.	268	212.84	206.71	419.55	214.85	196.99	411.84	109.78	114.03	223.81
24.	270	485.69	57.61	543.30	564.57	60.78	625.35	280.84	36.79	317.63
25.	271	148.22	260.49	408.71	57.13	249.25	306.38	12.88	86.59	99.47
26.	272	..	9.58	9.58	..	8.45	8.45	..	8.23	8.23
27.	273	..	9.17	9.17	..	17.89	17.89	..	16.06	16.06
28.	274	..	10.30	10.30	..	6.24	6.24	..	6.07	6.07
29.	276	82.30	38.30	120.60	61.43	32.69	94.12	14.24	25.17	39.41
30.	280	270.23	6.76	2707.99	2822.92	10.39	2833.31	338.82	1.86	340.68
31.	281	10.02	48.59	58.61	13.76	58.91	72.67	7.28	37.61	44.89
32.	284	314.51	49.12	363.63	341.12	42.50	383.62	338.90	39.03	377.93
33.	285	217.14	106.34	323.48	136.98	101.85	238.83	5.53	44.30	49.83
34.	289	60.28	55.07	115.35	59.27	63.58	122.85	..	30.86	30.86
35.	300	1007.92	29.67	1037.59	956.71	28.13	984.84	426.87	5.86	432.73
36.	302	584.10	413.57	997.67	558.62	434.96	993.58	183.65	177.38	361.03
37.	303	16.66	26.28	42.94	14.47	30.20	44.67	14.07	21.04	35.11
38.	310	3541.10	25.70	3566.80	3727.53	40.48	3768.01	1878.19	18.22	1896.41
39.	311	7214.26	104.34	7318.60	7861.65	108.83	7970.48	3104.94	18.83	3123.77
40.	313	216.95	60.45	277.40	249.03	93.57	342.60	108.21	60.34	168.55
41.	314	477.10	41.04	518.14	968.86	54.82	1023.68	758.31	34.66	792.97
42.	316	918.18	81.66	999.84	929.07	82.10	1011.17	95.44	40.50	135.94
43.	317	0.93	6.83	7.76	1.25	1.25	5.94	0.67	0.72	19.39

1	2	3	4	5	6	7	8	9	10	11
70.	370	89.14	7.72	96.86	160.51	26.87	187.38	25.16	38.48	63.64
71.	376	36.45	13.18	49.63	30.60	10.63	41.23	35.80	9.55	45.35
72.	380	316.82	7.41	324.23	376.53	4.66	381.19	330.52	4.13	334.65
73.	387	..	5.39	5.39	..	7.26	7.26	..	3.84	3.84
74.	389	..	0.69	0.69	..	0.81	0.81	..	0.72	0.72
75.	972	..	3.77	3.77	..	3.48	3.48	..	..	..
76.	973	107.39	84.60	191.99	95.91	81.39	177.30	0.22	9.60	9.82
77.	979	..	2.11	2.11	..	1.75	1.75	..	0.91	0.91
78.		4815.07	482.34	5297.41	7418.85	470.67	7889.52	2700.81	334.23	3035.04
Total		33310.36	4369.17	37679.53	39511.97	4824.22	44336.19	16795.29	2495.55	19290.84

TABLE 3.3 (Contd.)

Sl. No.	Code No.	Mandays worked (No.)		All workers (No.)			
		Census	Non-Census	Census	Non-Census		
1	2	3	4	5	6	7	8
1.	400	105379	..	105379	298	..	298
2.	201	24820	76549	101369	68	181	249
3.	202	77205	26380	103585	608	117	725
4.	203	311384	240267	551651	1031	953	1984
5.	204	50795	106515	157310	218	517	735

6.	205	18544	11679	30223	61	37	98
7.	206	230800	..	230800	1272	..	1272
8.	211	13656	121640	135296	60	415	475
9.	212	870919	712527	1583446	2861	2357	5218
10.	213	90936	6418	97354	514	21	535
11.	214	14310212	912395	15222607	86030	6332	92362
12.	215	..	2028	2028	..	11	11
13.	217	115585	6562	122147	365	28	393
14.	219	..	48601	48601	..	178	178
15.	226	43715	20164	63879	142	67	209
16.	231	3436968	..	3436968	10484	..	10484
17.	232	18973	4575	23548	63	16	79
18.	235	409026	855969	1264995	1389	2846	4235
19.	236	29283	34033	63316	103	132	235
20.	247	313677	4676	318353	1395	20	1415
21.	260	119701	..	119701	395	..	395
22.	265	14932	30046	44978	51	112	163
23.	268	263603	345051	608654	897	1404	2301
24.	270	698837	108097	806934	2333	406	2739
25.	271	486022	1623862	2109884	1577	6161	7738
26.	272	..	33179	33179	..	119	119
27.	273	..	28001	28001	..	94	94
28.	274	..	16416	16416	..	79	79
29.	276	157527	97240	254767	523	331	854
30.	280	832615	13451	846066	2436	46	2482

1	2	3	4	5	6	7	8
31.	281	5120	55480	60600	17	184	201
32.	284	330886	67219	398105	934	206	1140
33.	285	381423	275076	656499	1308	951	2259
34.	289	105369	118701	224070	358	384	742
35.	300	357326	42286	399612	1080	151	1231
36.	302	503759	437602	941361	1652	1523	3175
37.	303	2215	28840	31055	8	126	134
38.	310	737291	26288	763579	2081	126	2207
39.	311	1217170	78165	1295335	3173	277	3450
40.	313	177330	112932	290262	581	386	967
41.	314	278658	26929	305587	802	110	912
42.	316	163575	38863	202438	644	137	781
43.	317	17015	71028	88043	57	252	309
44.	318	..	9128	9128	..	31	31
45.	319	7806	7575	15381	12	25	37
46.	320	2111032	1073941	3184973	7146	4008	11154
47.	323	110450	19752	130202	365	80	445
48.	324	90454	5727	96181	248	29	277
49.	329	66875	2368	69243	238	8	246
50.	330	159067	38516	197583	693	182	875
51.	331	217945	62899	280844	723	243	966
52.	335	281532	11147	292679	791	35	826
53.	340	62276	119977	182253	216	502	718
54.	341	131318	76424	207742	362	264	626

55.	342	3797	25292	29089	13	83	96
56.	343	76757	70280	147037	399	309	708
57.	345	4858	60768	65626	53	203	256
58.	350	62711	18353	81064	212	60	272
59.	353	69062	20002	89064	213	70	283
60.	354	15912	36977	52889	66	122	188
61.	356	..	4423	4423	..	19	19
62.	357	438897	62260	501157	1449	210	1659
63.	358	..	12368	12368	..	40	40
64.	359	40400	21513	61913	133	72	205
65.	360	350127	85224	435351	1154	289	1443
66.	361	255044	15044	270088	709	57	766
67.	362	68903	7546	76449	228	24	252
68.	364	2513	22601	25114	49	74	123
69.	369	40496	6517	47013	133	23	156
70.	370	359110	48605	407715	1240	164	1404
71.	376	26939	22963	49902	115	86	201
72.	380	189012	14970	203982	754	50	804
73.	387	..	11943	11943	..	42	42
74.	389	..	10731	10731	..	37	37
75.	972	..	11428	11428	..	38	38
76.	973	713002	306943	1019945	2016	986	3002
77.	979	..	5705	5705	..	19	19
78.		1298329	153266	1451595	4087	634	4721
	Total	34576875	9348904	43925779	151686	36911	188597

TABLE 3.3 (Contd.)

Sl. No.	Code No.	(All Employees No.)				Wages to workers			
		Census	Non-Census	Total	Census	Non-Census	Total		
1	2	9	10	11	12	13	14		
1.	400	510	..	510	21.62	..	21.62		
2.	201	131	239	370	2.51	4.37	6.88		
3.	202	733	160	893	5.30	1.95	7.25		
4.	203	1524	1240	2764	29.14	20.53	49.67		
5.	204	273	650	923	4.80	9.93	14.73		
6.	205	124	57	181	6.68	1.33	8.10		
7.	206	2115	..	2115	40.95	..	40.95		
8.	211	97	617	714	3.36	12.62	15.98		
9.	212	3183	2639	5822	66.40	49.53	115.93		
10.	213	640	36	676	6.09	0.21	6.30		
11.	214	90623	6844	97467	888.86	58.33	947.19		
12.	215	..	32	32	..	0.14	0.14		
13.	217	489	39	528	17.17	0.68	17.85		
14.	219	..	241	241	..	5.63	5.63		
15.	226	168	96	264	5.34	1.76	7.10		
16.	231	11312	..	11312	289.89	..	589.89		
17.	232	105	18	123	3.01	0.53	3.54		
18.	235	1585	3282	4867	36.06	69.02	105.08		
19.	236	109	169	278	2.25	2.70	4.95		

20.	247	1876	31	1907	77.97	0.34	73.31
21.	260	490		490	6.93		6.93
22.	265	84	165	249	1.64	2.44	4.08
23.	268	1198	2325	3523	63.52	44.37	107.87
24.	270	2888	512	3400	99.09	7.74	106.83
25.	271	1744	7296	9040	28.15	104.20	132.35
26.	272	..	156	156	..	2.31	2.31
27.	273	..	139	139	..	3.95	3.95
28.	274	..	99	99	..	1.04	1.04
29.	276	655	437	1092	24.51	11.78	36.29
30.	280	3051	61	3112	201.40	1.39	202.79
31.	281	22	238	260	0.28	5.18	5.46
32.	284	1632	308	1940	55.33	8.88	64.21
33.	285	1551	1155	2706	92.45	30.87	123.32
34.	289	487	478	965	14.97	12.08	27.05
35.	300	1643	237	1880	107.09	6.56	113.65
36.	302	2105	1866	3971	70.45	41.71	112.16
37.	303	19	163	182	0.23	2.31	2.54
38.	310	2995	168	3163	197.72	4.59	202.31
39.	311	4246	375	4621	334.11	9.19	343.30
40.	313	867	663	1530	34.11	11.60	45.71
41.	314	1103	172	1275	79.56	5.38	84.94
42.	316	897	214	1111	43.39	3.07	46.46
43.	317	63	276	339	0.40	3.18	3.58
44.	318	..	33	33	..	0.19	0.19

	1	2	9	10	11	12	13	14
45.		319	24	36	60	0.94	0.69	1.63
46.		320	7902	4557	12459	234.77	106.45	341.22
47.		323	451	90	541	19.87	1.91	21.78
48.		324	303	40	343	24.64	0.47	25.11
49.		329	334	12	346	15.40	0.33	15.73
50.		330	1035	223	1258	22.40	4.12	26.52
51.		331	992	319	1311	45.89	7.18	53.07
52.		335	1025	48	1071	93.23	1.46	94.69
53.		340	277	720	997	11.93	12.42	24.35
54.		341	577	348	925	31.93	8.14	40.07
55.		342	25	103	128	0.42	1.96	2.38
56.		343	507	495	1002	11.61	9.37	20.98
57.		345	70	268	338	0.83	7.00	7.83
58.		350	250	120	370	10.06	3.67	13.73
59.		353	249	81	330	8.01	2.57	10.58
60.		354	78	164	242	2.75	5.58	8.33
61.		356		24	24		0.45	0.45
62.		357	2217	322	2539	123.12	7.36	130.48
63.		358		51	51		2.58	2.58
64.		359	158	96	254	4.75	2.67	7.42
65.		360	1643	339	1982	88.14	8.55	96.69
66.		361	1200	81	1281	54.02	2.42	56.44
67.		362	368	30	398	14.80	0.97	15.77

68.	364	79	84	163	0.50	1.92	2.42
69.	369	185	35	220	6.39	0.89	7.28
70.	370	1466	215	1681	72.31	9.98	82.29
71.	376	138	97	235	7.73	2.84	10.57
72.	380	1231	66	1297	42.76	1.15	43.91
73.	387	..	58	58	..	0.69	0.69
74.	389	..	47	47	..	0.62	0.62
75.	972	..	47	47	..	1.47	1.47
76.	973	2308	1244	3552	144.66	42.95	187.61
77.	979	..	24	24	..	0.53	0.53
78.	others,	5189	850	6039	275.69	15.81	291.50
Total		173616	45261	218877	4632.28	841.78	5473.06

TABLE 3.3 (contd.)

Sl. No.	Code No.	Total Emoluments			Fuels consumed			Materials consumed		
		Census	Non-Census	Total	Census	Non-Census	Total	Census	Non-Census	Total
1	2	3	4	5	6	7	8	9	10	11
1.	400	44.73	..	44.73	1.10	..	1.10	77.41	..	77.41
2.	201	5.62	6.91	12.53	2.26	2.59	4.85	48.10	129.87	177.97
3.	202	10.13	4.14	14.27	1.33	0.67	2.00	51.61	169.99	221.60
4.	203	58.42	35.11	93.53	26.08	20.64	46.72	908.40	796.98	1705.38
5.	204	7.40	12.72	20.12	3.72	6.43	10.15	98.79	406.63	505.42
6.	205	11.68	2.13	13.81	5.85	0.89	6.74	104.19	16.70	120.89
7.	206	76.44	..	76.44	12.56	..	12.56	298.52	..	298.52
8.	211	4.18	19.44	23.62	1.57	6.49	8.06	229.02	1545.48	1774.50
9.	212	99.75	71.55	171.30	108.50	46.19	154.69	1689.34	747.13	2436.47
10.	213	9.86	0.80	10.66	1.12	0.30	1.42	1.78	33.41	35.19
11.	214	1106.23	73.66	1179.89	33.18	4.09	37.27	4903.72	329.28	5233.00
12.	215	..	0.70	0.70	..	0.90	0.90	..	0.16	0.16
13.	217	28.75	1.13	29.88	34.44	0.54	34.98	271.77	27.36	299.13
14.	219	..	10.14	10.14	..	2.57	2.57	..	263.26	263.26
15.	226	8.08	2.34	10.42	0.92	0.05	0.97	326.32	11.29	337.61
16.	231	749.91	..	749.91	112.14	..	112.14	2442.23	..	2442.23
17.	232	6.46	0.66	7.12	4.12	0.21	4.33	34.43	1.72	36.15
18.	235	49.37	94.83	144.20	4.69	8.13	12.82	135.92	872.09	1008.01
19.	236	3.22	3.83	7.05	0.64	1.63	2.27	8.85	9.80	18.65
20.	247	132.80	0.73	133.53	85.12	0.25	85.37	446.93	2.79	449.72

21.	260	12.12	..	12.12	2.74	..	2.74	58.04	..	58.04
22.	265	3.27	3.84	7.11	0.04	0.40	0.44	31.74	21.75	53.49
23.	268	87.82	60.43	148.25	3.76	5.85	9.61	292.95	542.90	835.85
24.	270	155.06	11.46	166.52	36.57	1.41	37.98	473.00	52.40	525.40
25.	271	37.05	138.47	175.52	3.85	19.23	23.08	188.24	527.52	715.76
26.	272	..	3.17	3.17	..	0.51	0.51	..	24.82	24.82
27.	273	..	6.43	6.43	..	0.23	0.23	..	32.50	32.50
28.	274	..	1.52	1.52	..	0.44	0.44	..	8.58	8.58
29.	276	36.50	16.65	53.15	1.29	0.47	1.76	53.56	32.48	36.04
30.	280	382.66	1.98	384.64	455.67	0.25	455.92	1028.56	13.59	1042.15
31.	281	0.65	9.33	9.98	0.32	1.40	1.72	27.24	133.84	161.08
32.	284	131.90	15.29	147.19	8.77	0.79	9.56	502.23	53.71	555.94
33.	285	116.36	41.01	157.37	2.13	2.24	4.37	50.45	46.63	97.08
34.	289	25.69	17.56	43.25	0.87	1.17	20.4	29.88	47.61	77.49
35.	300	227.25	13.72	240.97	70.18	7.55	77.73	1847.89	65.83	1913.72
36.	302	111.90	63.78	175.68	47.53	23.99	71.52	1877.26	700.54	2577.80
37.	303	0.85	4.12	4.97	0.01	0.75	0.76	0.05	28.70	28.75
38.	310	368.56	6.77	375.33	290.33	12.28	302.61	990.83	30.97	1021.80
39.	311	529.99	16.48	546.47	840.52	0.98	841.50	2862.36	539.71	3402.07
40.	313	67.13	30.45	97.58	16.99	7.61	24.61	251.06	98.42	349.48
41.	314	137.43	9.23	146.66	90.50	2.40	92.90	1775.95	119.78	1895.71
42.	316	67.32	7.78	75.10	93.63	3.97	97.60	500.20	56.68	556.88
43.	317	0.57	3.88	4.45	0.10	0.25	0.35	2.87	17.10	19.97
44.	318	..	0.29	0.29	..	..	..	..	1.58	1.58

	1	2	3	4	5	6	7	8	9	10	11
45.		319	1.60	1.26	2.86	0.02	3.26	3.28	1.87	7.20	9.07
46.		320	293.58	134.76	428.34	140.90	93.93	240.83	98.79	68.09	166.88
47.		323	28.50	2.79	31.29	7.91	1.43	9.34	17.67	0.57	18.24
48.		324	39.78	0.66	40.44	65.67	1.93	67.60	50.13	3.48	53.61
49.		329	25.22	0.41	25.63	3.97	0.02	3.99	22.45	1.38	23.83
50.		330	39.86	5.23	45.09	34.29	5.87	40.16	410.37	91.91	502.28
51.		331	81.79	11.39	93.18	31.07	4.63	35.70	317.37	41.61	358.98
52.		335	170.82	2.57	173.39	210.41	0.49	210.90	783.09	15.98	799.07
53.		340	19.96	22.15	42.11	1.71	3.02	4.73	113.04	273.88	386.92
54.		341	71.64	11.94	83.58	4.17	1.44	5.61	112.65	44.25	156.90
55.		342	1.01	2.94	3.95	0.02	0.43	0.45	2.96	14.81	17.77
56.		343	17.97	13.35	31.32	8.22	5.19	13.41	33.01	23.20	56.21
57.		345	1.08	10.66	11.74	0.35	2.70	3.05	12.58	67.24	79.82
58.		350	14.70	10.44	25.14	7.85	0.29	8.14	43.97	69.22	113.19
59.		353	11.76	3.19	14.95	1.36	0.60	1.96	10.40	6.62	17.02
60.		354	3.97	7.81	11.78	0.89	2.08	2.97	4.12	25.89	30.01
61.		356	..	0.66	0.66	..	0.19	0.19	..	0.58	0.58
62.		357	246.17	12.06	258.23	17.15	2.04	19.19	336.08	53.08	389.16
63.		358	..	4.37	4.37	..	0.47	0.47	..	2.07	2.07
64.		359	6.51	3.78	10.29	0.54	0.80	1.34	5.05	5.95	11.00
65.		360	157.17	12.85	170.02	16.57	1.09	17.66	645.64	28.58	674.22
66.		361	135.35	5.04	140.39	17.22	1.09	18.31	1268.47	51.09	1319.56
67.		362	33.34	1.71	35.05	4.62	0.27	4.89	211.44	2.66	214.10
68.		364	1.03	2.96	3.99	0.14	0.63	0.77	1.53	66.33	67.86
69.		369	12.13	1.78	13.91	1.44	0.25	1.69	35.87	7.34	43.21

70.	370	91.47	13.94	105.41	4.83	1.32	6.15	52.07	19.02	71.09
71.	376	9.87	3.47	13.34	0.98	0.37	1.35	50.99	15.53	66.52
72.	380	74.29	1.65	75.94	3.56	0.29	3.85	166.19	6.80	172.99
73.	387	..	1.28	1.28	..	0.30	0.30	..	4.93	4.93
74.	389	..	1.02	1.02	..	0.03	0.03	..	1.91	1.91
75.	972	..	2.31	2.31	..	0.08	0.08	..	0.97	0.97
76.	973	179.63	63.29	242.92	24.38	17.41	41.79	369.63	87.62	457.25
77.	979	..	0.79	0.79	..	0.09	0.09	..	0.53	0.53
78.	Others	508.24	30.82	539.06	206.55	15.24	221.79	19562.06	159.39	19721.45
Total		7191.55	1229.79	8421.34	3227.93	366.01	3593.94	49661.18	9831.39	59492.47

TABLE 3.3 (contd.)

Sl. No.	Code No.	Other Input			Total Input			Products		
		Census	Non-Census	Total	Census	Non-Census	Total	Census	Non-Census	Total
1	2	3	4	5	6	7	8	9	10	11
1.	400	17.26	..	17.26	95.77	..	95.77	118.43	..	118.43
2.	201	2.19	6.14	8.33	52.55	138.60	191.15	63.25	135.65	198.90
3.	202	5.36	10.94	16.30	58.30	181.60	239.90	67.60	209.38	276.98
4.	203	102.92	118.19	221.11	1037.40	935.81	1973.21	1112.54	999.46	2112.00
5.	204	14.31	20.83	35.14	116.82	433.89	550.71	110.84	463.44	574.28
6.	205	6.54	1.71	8.25	116.58	19.30	135.88	150.56	23.41	173.97
7.	206	70.58	..	70.58	381.66	..	381.66	576.84	..	576.84
8.	211	31.97	287.03	319.00	262.56	1839.00	2101.56	246.73	1649.33	1896.06

	1	2	3	4	5	6	7	8	9	10	11
9.		212	64.35	41.36	105.71	1862.19	834.68	2696.87	2431.83	1047.62	3479.45
10.		213	4.38	22.36	26.74	7.28	56.08	63.36	0.40	37.69	38.09
11.		214	447.04	25.56	472.60	5383.94	358.93	5742.87	6514.62	408.73	6923.35
12.		215	..	0.42	0.42	..	1.48	1.48	..	2.37	2.37
13.		217	41.36	2.64	44.00	347.57	30.54	378.11	436.33	31.61	467.94
14.		219	..	9.23	9.23	..	275.06	275.06	..	286.33	286.33
15.		226	111.91	12.50	124.41	439.15	23.84	462.99	341.73	29.90	371.63
16.		231	366.59	..	366.59	2920.96	..	2920.96	3440.94	..	3440.94
17.		232	2.98	0.11	3.09	41.53	2.04	43.57	47.87	..	47.87
18.		235	49.69	73.27	122.96	190.30	953.49	1143.79	233.51	1123.48	1356.99
19.		236	0.75	7.97	8.72	10.24	19.40	29.64	13.87	13.13	27.00
20.		247	63.29	1.57	64.86	595.34	4.61	599.95	750.41	4.77	755.18
21.		260	4.22	..	4.22	65.00	..	65.00	87.71	..	87.71
22.		265	12.50	40.30	52.80	44.28	62.45	106.73	42.22	31.94	74.16
23.		268	42.61	245.52	288.13	339.32	794.27	1133.59	377.04	674.84	10501.88
24.		270	63.74	12.09	75.83	573.31	65.90	639.21	823.02	85.03	908.05
25.		271	18.85	128.47	147.32	210.94	675.22	886.16	254.25	735.24	989.49
26.		272	..	8.98	8.98	..	34.31	34.31	..	40.91	40.91
27.		273	..	4.88	4.88	..	37.61	37.61	..	45.00	45.00
28.		274	..	2.44	2.44	..	11.46	11.46	..	15.84	15.84
29.		276	12.30	5.56	17.86	67.15	38.51	105.66	108.87	55.59	164.46
30.		280	112.95	3.00	115.95	1597.18	16.84	1614.02	2958.26	20.49	2978.75
31.		281	2.18	10.33	12.51	29.74	145.57	175.31	32.17	181.47	213.64
32.		284	70.21	12.16	82.37	581.21	66.66	647.87	580.67	53.26	633.93
33.		285	7.22	21.70	28.92	59.80	70.57	130.37	162.64	83.57	246.21

34.	289	2.11	23.50	25.61	32.86	72.28	105.14	30.28	58.39	88.67
35.	300	90.95	14.64	105.59	2009.02	88.02	2097.04	2598.91	44.50	2643.41
36.	302	95.57	100.69	196.26	2020.36	825.22	2845.58	2385.95	1034.33	3420.28
37.	303	0.35	6.02	6.37	0.41	35.37	35.88	0.05	41.33	41.38
38.	310	205.27	11.68	216.95	1486.43	54.93	1541.36	2501.99	51.67	2553.66
39.	311	381.03	39.87	420.40	4083.91	580.06	4663.97	5943.45	623.52	6566.79
40.	313	19.12	21.80	40.92	287.17	127.83	415.00	504.88	182.10	686.98
41.	314	41.66	117.80	59.46	1908.11	139.96	2048.07	2532.95	148.21	2681.16
42.	316	24.17	7.87	32.04	618.00	68.51	686.51	563.68	78.89	642.57
43.	317	0.57	2.91	3.48	3.54	20.26	23.80	4.82	28.22	33.04
44.	318	..	0.02	0.02	..	1.60	1.60	..	1.97	1.97
45.	319	0.51	1.84	2.35	2.40	12.30	14.70	3.12	15.61	18.73
46.	320	52.24	33.05	85.29	297.93	195.07	493.00	707.33	373.47	1080.80
47.	323	12.71	0.30	13.01	38.29	2.30	40.59	56.28	4.91	61.19
48.	224	8.25	0.58	8.83	124.05	5.99	130.04	179.97	7.75	187.72
49.	329	3.25	1.02	4.27	29.67	2.42	32.09	66.69	2.86	69.55
50.	330	54.95	5.12	60.07	499.61	102.90	602.51	459.65	113.78	573.43
51.	331	33.10	10.18	43.28	381.54	56.42	437.96	490.68	55.77	546.45
52.	335	112.24	1.13	113.37	1105.74	17.60	1123.34	1509.29	23.64	1532.93
53.	340	19.88	31.25	51.13	134.63	308.15	442.78	156.98	336.06	493.04
54.	341	66.32	7.20	73.52	183.14	52.89	236.03	146.79	68.30	215.09
55.	342	0.59	37.86	38.45	3.57	53.10	56.67	3.83	22.79	26.02
56.	343	8.03	5.77	13.80	49.26	34.16	83.42	78.66	48.10	126.76
57.	345	1.35	9.91	11.26	14.28	79.85	94.13	15.60	90.52	106.12
58.	350	2.92	7.61	10.53	54.74	77.12	131.86	96.58	108.75	205.33
59.	353	3.45	2.82	6.27	15.21	10.04	25.25	13.63	13.99	27.62

1	2	3	4	5	6	7	8	9	10	11
60.	354	1.08	6.92	8.00	6.09	34.89	40.98	11.26	44.98	56.24
61.	356	..	0.13	0.13	..	0.90	0.90	..	1.87	1.87
62.	357	32.40	15.13	47.53	385.63	70.25	455.88	772.64	84.50	857.14
63.	358	..	1.04	1.04	..	3.58	3.58	..	2.73	2.73
64.	359	1.29	1.46	2.75	6.88	8.21	15.09	13.75	15.83	29.58
65.	360	84.69	3.81	88.50	746.90	33.48	780.38	1093.63	39.68	1133.31
66.	361	63.47	1.80	65.27	1349.16	53.98	1403.14	1729.62	63.56	1793.18
67.	362	51.95	0.59	52.54	268.01	3.52	271.53	331.91	6.50	338.41
68.	364	17.35	24.42	41.77	19.02	91.38	110.40	0.98	108.22	109.20
69.	369	6.58	1.23	7.81	43.89	8.82	52.71	61.79	7.32	69.11
70.	370	6.43	6.71	13.14	63.33	27.05	90.38	115.19	56.06	171.25
71.	376	5.19	2.09	7.28	57.16	17.99	75.15	75.89	23.70	99.59
72.	380	28.71	3.95	32.66	198.46	11.04	209.50	303.06	11.70	314.76
73.	387	..	0.67	0.67	..	5.90	5.90	..	7.72	7.72
74.	389	..	0.92	0.92	..	2.87	2.87	..	3.87	3.87
75.	972	..	0.09	0.09	..	1.14	1.14	..	4.03	4.03
76.	973	19.07	70.24	89.31	413.08	175.27	588.35	252.99	37.58	290.57
77.	979	..	3.58	3.58	..	4.20	4.20	..	0.02	0.02
78.	Others	423.43	32.16	455.59	20192.04	206.79	20398.83	16406.19	266.37	16672.56
Total		3732.48	1716.14	5448.62	56621.59	11913.44	68535.03	64305.99	12855.15	77163.14

TABLE 3.3 (contd.)

Sl. No.	Code No.	Other Output			Total Output			Depreciation		
		Census	Non-Census	Total	Census	Non-Census	Total	Census	Non-Census	Total
1	2	3	4	5	6	7	8	9	10	11
1.	400	5.64	..	5.64	124.07	..	124.07	5.25	..	5.25
2.	201	..	0.35	0.35	63.25	136.00	199.25	3.71	2.33	6.04
3.	202	4.30	0.44	4.74	71.90	209.82	281.72	1.92	0.97	2.89
4.	203	48.18	30.49	78.67	1160.72	1029.95	2190.67	18.18	18.70	36.88
5.	204	33.67	24.31	57.98	144.51	487.75	632.26	2.84	3.69	6.53
6.	205	0.03	0.38	0.41	150.59	23.79	174.38	3.23	0.95	4.18
7.	206	5.92	..	5.92	582.76	..	582.76	16.98	..	16.98
8.	211	32.05	261.22	293.27	278.78	1910.55	2189.33	0.75	5.54	6.29
9.	212	2.51	0.58	3.09	2434.34	1048.20	3482.54	28.28	15.49	43.77
10.	213	21.50	22.45	43.95	21.90	60.14	82.04	1.57	0.34	1.91
11.	214	448.03	44.77	492.80	6962.65	453.50	7416.15	21.41	2.40	23.81
12.	215	..	0.32	0.32	..	2.69	2.69	..	0.85	0.85
13.	217	6.77	0.47	7.24	443.10	32.08	475.18	6.52	0.16	6.68
14.	219	..	1.62	1.62	..	287.95	287.95	..	2.89	2.89
15.	226	87.95	2.02	89.97	429.68	31.92	461.60	0.27	0.06	0.33
16.	231	231.29	..	231.29	3672.23	..	3672.23	99.67	..	99.67
17.	232	4.72	2.69	7.41	52.59	2.69	55.28	0.39	0.02	0.41
18.	235	27.98	14.96	42.94	261.49	1138.44	1399.93	1.25	4.63	5.88
19.	236	0.17	12.39	12.56	14.04	25.52	39.56	0.22	0.63	0.85
20.	247	30.95	1.23	32.18	781.36	6.00	787.36	50.95	0.06	51.01

	1	2	3	4	5	6	7	8	9	10	1
21.	260	1.14	1.14	40.69	1.14	88.85	72.63	88.85	1.43	0.02	1.45
22.	265	10.82	10.82	40.69	51.51	53.04	72.63	125.67	0.34	0.25	0.59
23.	268	28.65	28.65	382.04	410.69	405.69	1056.88	1462.57	3.87	6.94	10.81
24.	270	40.70	40.70	6.18	46.88	863.72	91.21	954.93	40.40	3.87	44.27
25.	271	13.58	13.58	170.11	183.69	267.83	905.35	1173.18	1.28	13.55	14.83
26.	272	..	..	4.90	4.90	..	45.81	45.81	..	0.25	0.25
27.	273	..	..	1.16	1.16	..	46.16	46.16	..	0.65	0.65
28.	274	..	..	1.01	1.01	..	16.85	16.85	..	0.27	0.27
29.	276	1.48	1.48	8.63	10.11	110.35	64.22	174.57	1.54	0.67	2.21
30.	280	8.11	8.11	0.86	8.97	2966.37	21.35	2987.72	168.46	0.33	168.79
31.	281	1.53	1.53	4.34	5.87	33.70	185.81	219.51	0.78	2.96	3.74
32.	284	237.07	237.07	33.79	270.86	817.74	87.05	904.79	16.00	1.99	17.99
33.	285	41.33	41.33	35.15	76.48	203.97	118.72	322.69	10.20	7.30	17.50
34.	289	42.43	42.43	54.19	96.62	72.71	112.58	185.29	3.47	3.03	6.50
35.	300	27.26	27.26	78.61	105.87	2626.17	123.11	2749.28	45.19	1.81	47.00
36.	302	98.59	98.59	71.51	170.10	2484.54	1105.84	3590.38	37.04	23.69	60.73
37.	303	0.44	0.44	3.44	3.88	0.49	44.77	45.26	0.97	1.99	2.96
38.	310	44.13	44.13	8.56	52.69	2546.12	60.23	2606.35	314.46	2.85	317.31
39.	311	24.60	24.60	29.74	54.34	5968.05	653.26	6621.31	598.96	1.67	600.43
40.	313	5.10	5.10	4.42	9.52	509.98	186.52	696.50	8.38	4.20	12.58
41.	314	29.63	29.63	12.04	41.67	2562.58	160.25	2722.83	21.03	0.84	21.87
42.	316	(-)2.91	(-)2.91	3.94	1.03	560.77	82.87	643.64	40.04	4.68	44.72
43.	317	0.15	0.15	0.37	0.52	4.97	28.59	33.56	1.12	0.14	0.26
44.	318	..	..	0.02	0.02	..	1.99	1.99	..	0.01	0.01
45.	319	..	..	0.60	0.60	3.12	16.21	19.33	..	0.21	0.21

46.	320	14.96	6.65	21.61	722.29	380.12	1102.41	14.75	11.89	25.64
47.	323	2.44	(-)0.01	2.43	58.72	4.90	63.62	3.63	0.23	3.86
48.	324	(-)3.68	0.73	(-)2.95	176.29	8.48	184.77	2.00	1.03	30.03
49.	329	1.62	0.34	1.96	68.31	3.20	71.51	0.99	0.14	1.13
50.	330	31.65	0.46	32.11	491.30	144.24	705.54	15.22	2.19	17.91
51.	331	13.44	15.23	28.67	504.12	71.00	575.12	8.05	4.55	12.60
52.	335	18.90	0.19	19.09	1528.19	23.83	1552.02	36.63	0.58	37.21
53.	340	3.08	15.88	160.06	351.94	512.00	2.96	4.23	4.23	7.19
54.	341	167.60	11.74	179.34	314.39	80.04	394.43	6.98	1.58	8.56
55.	342	0.24	33.58	33.82	4.07	56.37	60.44	0.15	1.08	1.23
56.	343	1.32	4.29	5.61	79.98	52.39	132.30	1.55	1.81	3.36
57.	345	1.11	4.55	5.66	16.71	95.07	111.78	0.32	1.10	1.42
58.	350	3.74	5.31	9.05	100.32	114.06	214.38	1.55	1.57	3.12
59.	353	14.03	1.77	15.80	27.66	15.76	43.46	0.61	0.55	1.16
60.	354	(-)0.04	2.99	2.95	11.22	47.97	59.19	0.09	0.51	0.60
61.	356	..	0.51	0.51	..	2.38	2.38	..	0.09	0.09
62.	357	(-)38.93	13.03	(-)25.90	733.71	97.53	831.24	63.28	7.65	70.93
63.	358	..	9.00	9.00	..	11.73	11.73	..	0.20	0.20
64.	359	3.77	1.96	5.73	17.52	17.79	35.31	0.41	0.99	1.40
65.	360	13.39	6.23	19.65	1107.02	45.95	1152.96	33.34	0.89	34.23
66.	361	10.70	1.87	12.57	1740.32	65.43	1805.75	59.31	1.14	60.45
67.	362	23.92	1.19	25.11	355.83	7.69	363.52	8.63	0.22	8.85
68.	364	0.58	13.94	14.52	1.56	22.16	123.72	0.33	0.95	1.28
69.	369	4.62	2.81	7.43	66.41	10.13	76.54	0.54	0.31	0.85
70	370	24.11	2.57	26.68	139.30	58.63	197.93	1.67	0.90	2.57

	1	2	3	4	5	6	7	8	9	10	11
71.	376	(-)2.45	4.43	1.98	73.44	28.13	101.57	1.02	0.44	1.46	
72.	380	9.03	3.67	12.70	312.09	15.37	327.46	13.53	0.20	13.73	
73.	387	..	0.25	0.25	..	7.97	7.97	..	0.24	0.24	
74.	389	..	0.45	0.45	..	4.33	4.33	..	0.05	0.05	
75.	972	..	0.08	0.08	..	4.11	4.11	..	0.25	0.25	
76.	973	387.44	194.59	582.03	640.43	232.17	872.60	6.40	5.33	11.73	
77.	979	..	5.54	5.54	..	5.56	5.56	..	0.12	0.12	
78.	Others	4491.89	17.83	4509.72	20898.08	284.30	21182.38	295.38	17.81	313.19	
	Total	6843.97	1760.64	8604.61	71149.95	14615.79	85765.74	2155.47	215.20	2370.67	

TABLE 3.3 (contd.)

Sl. No.	Code No.	Value added			Factor payments			Net income		
		Census	Non-Census	Total	Census	Non-Census	Total	Census	Non-Census	Total
1.	400	23.05	..	23.05	0.36	..	0.36	22.69	..	22.69
2.	201	6.99	(-)4.39	2.06	..	1.17	1.17	6.99	(-)6.10	0.89
3.	202	11.68	27.25	38.93	11.58	3.64	15.22	0.10	23.61	23.71
4.	203	105.14	75.44	180.58	60.67	23.90	84.57	44.47	51.54	96.00
5.	204	24.85	50.17	75.01	3.49	3.58	7.07	21.36	46.59	67.94
6.	205	30.78	3.54	34.32	0.05	0.40	0.45	30.73	3.14	33.87
7.	206	184.12	..	184.12	32.67	..	32.67	151.45	..	151.45
8.	211	15.47	66.01	81.47	2.08	15.26	17.34	13.39	50.75	64.13

9.	212	543.87	198.03	741.90	6.25	1.80	8.05	537.62	196.23	733.85
10.	213	13.05	3.71	16.76	0.59	0.45	1.04	12.46	3.26	15.72
11.	214	1557.30	92.17	1649.48	174.01	18.91	192.92	1383.29	73.26	1456.55
12.	215	..	0.36	0.36	..	1.13	1.13	..	(-)0.77	(-)0.77
13.	217	89.01	1.38	90.40	44.57	0.26	44.83	44.44	1.12	45.57
14.	219	..	10.01	10.01	..	3.40	3.40	..	6.61	6.61
15.	226	(-)9.74	8.03	(-)1.71	..	0.43	0.43	(-)9.74	7.60	{-}2.14
16.	231	651.60	..	651.59	153.37	..	153.37	498.23	..	498.23
17.	232	10.67	0.63	11.29	1.08	0.01	1.09	9.59	0.62	10.24
18.	235	69.94	180.32	250.25	4.75	12.64	17.39	65.19	167.68	232.87
19.	236	3.58	5.49	9.07	0.68	0.44	1.12	2.90	5.05	7.95
20.	247	135.07	1.33	136.39	39.70	0.16	39.86	95.37	1.16	96.53
21.	260	22.42	(-)0.02	22.41	3.24	..	3.24	19.18	(-)0.02	19.17
22.	265	8.42	9.93	18.34	3.25	1.65	4.90	5.17	8.28	13.44
23.	268	62.50	255.67	318.17	16.20	19.33	35.53	46.30	236.34	282.64
24.	270	250.01	21.44	271.45	38.71	4.55	43.26	211.30	16.89	228.19
25.	271	55.61	216.58	272.19	2.07	14.24	16.31	53.54	202.34	255.88
26.	272	..	11.25	11.25	..	0.88	0.88	..	10.37	10.37
27.	273	..	7.90	7.90	..	0.77	0.77	..	6.13	6.13
28.	274	..	5.12	5.12	..	0.78	0.78	..	4.34	4.34
29.	276	41.66	25.04	66.70	4.48	2.12	6.60	37.18	22.91	60.09
30.	280	1200.73	4.18	1204.91	42.74	1.14	43.88	1157.99	3.04	1161.03
31.	281	3.18	37.29	40.47	0.98	7.18	8.16	2.20	30.11	32.31
32.	284	220.53	18.39	238.92	43.28	5.88	49.16	177.25	12.51	189.76
33.	285	133.97	40.84	174.81	0.61	5.86	6.47	133.36	34.98	168.34

	1	2	3	4	5	6	7	8	9	10	11
34.	289	36.38	37.27	73.65			3.35	3.35	36.38	33.92	70.30
35.	300	571.96	33.28	605.24	59.80		2.15	61.95	512.16	31.13	543.29
36.	302	427.14	256.93	684.07	24.86		22.24	47.10	402.28	234.69	636.97
37.	303	(-)0.88	7.31	6.43	0.05		3.81	3.86	(-)0.94	3.50	2.57
38.	310	745.23	2.45	747.68	143.04		2.03	145.07	602.19	0.42	602.61
39.	311	1285.38	71.54	1356.92	221.00		1.98	222.98	1064.38	69.56	1133.94
40.	313	214.43	54.49	268.92	13.44		7.75	21.19	200.99	46.74	247.73
41.	314	633.44	19.46	652.90	15.42		2.53	17.95	618.02	16.93	634.95
42.	316	(-)97.26	9.66	(-)87.61	0.09		6.45	6.45	(-)97.36	3.22	(-)94.13
43.	317	1.30	8.20	9.50	0.09		0.34	0.43	1.21	7.86	9.07
44.	318		0.39	0.39			0.01	0.01		0.38	0.38
45.	319	0.72	3.69	4.41	1.29		0.46	1.75	0.57	3.23	2.66
46.	320	409.61	173.16	582.77	19.25		9.19	28.44	390.36	163.97	554.33
47.	323	16.80	2.37	19.17	7.69			7.69	9.11	2.37	11.48
48.	324	50.23	1.47	51.70	2.56		0.40	2.96	47.67	1.07	48.74
49.	329	37.64	0.63	38.27	3.68		0.09	3.77	33.96	0.54	34.50
50.	330	(-)23.53	8.65	(-)14.88	48.33		5.95	54.28	71.86	2.70	(-)69.16
51.	331	114.52	10.03	124.55	34.30		3.63	37.93	80.22	6.40	86.62
52.	335	385.82	5.65	391.47	1.37		0.66	2.03	384.45	4.99	389.44
53.	340	22.37	39.56	61.93	5.66		13.77	19.43	16.71	25.79	42.50
54.	341	124.28	25.56	149.84	18.57		4.08	22.65	105.71	21.48	127.19
55.	342	0.35	2.19	2.54	0.26		1.62	1.88	0.09	0.57	0.66
56.	343	29.16	16.42	45.58	3.15		2.43	5.58	26.01	13.99	40.00
57.	345	2.12	14.12	16.24	0.38		3.11	3.49	1.74	11.01	12.75

58.	350	44.02	35.36	79.38	5.51	4.17	9.68	38.51	31.19	69.70
59.	353	11.84	5.17	17.01	0.96	0.96	1.92	10.88	4.21	15.09
60.	354	5.04	12.57	17.61	0.46	1.29	1.75	4.58	11.28	15.86
61.	356	..	1.39	1.39	..	0.11	0.11	..	1.28	1.28
62.	357	254.80	19.64	304.44	40.82	8.83	49.65	243.98	10.81	254.79
63.	358	..	7.94	7.94	..	0.25	0.25	..	7.69	7.69
64.	359	10.22	8.59	18.81	0.54	0.63	1.17	9.68	7.96	17.64
65.	360	326.77	11.57	338.34	58.15	3.22	61.37	268.62	8.35	276.97
66.	361	331.85	10.30	342.15	88.27	3.52	91.79	243.58	6.78	250.26
67.	362	79.19	3.94	83.13	40.57	0.67	41.24	38.62	3.27	41.89
68.	364	17.79	29.83	12.04	1.26	6.67	7.93	(-)19.05	23.16	4.11
69.	369	21.98	1.00	22.98	5.27	1.56	6.83	16.71	(-)0.55	16.16
70.	370	74.30	30.68	104.98	4.07	4.36	8.43	70.23	26.32	96.55
71.	376	15.25	9.70	24.95	3.73	1.56	5.29	11.52	8.14	19.66
72.	380	100.11	4.13	104.24	23.93	0.79	24.72	76.18	3.34	79.52
73.	387	..	1.83	1.83	..	0.57	0.57	..	1.26	1.26
74.	389	..	1.41	1.41	..	0.03	0.03	..	1.38	1.38
75.	972	..	2.73	2.73	..	0.01	0.01	..	2.72	2.72
76.	973	220.95	51.58	272.53	0.97	2.81	3.78	219.98	48.77	268.75
77.	979	..	1.25	1.25	..	0.12	0.12	..	1.13	1.13
78.	Others	410.66	59.70	470.36	451.97	20.32	472.29	(-)41.31	39.38	(-)1.93
Total		12372.89	2487.15	14860.04	2042.22	313.61	2355.83	10330.67	2173.54	12504.21

TABLE 3.4

District-wise Break up of Industries

Sl. No.	Code	Name of Industry	Trivandrum	Qulon	Alleppey	Kottayam	Idukki	Ernakulam	Trichur	Palghat	Ma'appuram	Kozhikode	Cannanore	State
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	40	Generation and Transmis- sion of electric energy	..	..	..	1	1	2	1	..	..	..	..	5
2.	200	Slaughtering, preparation and preservation of meat	..	..	..	..	..	2	..	..	..	..	..	2
3.	201	Manu: of Dairy products	1	..	..	..	..	1	..	1	..	1	..	4
4.	202	Canning and preservation of fruits and vegetables	..	..	1	2	..	3	4	..	..	..	1	11
5.	203	Canning, preserving and processing of fish and similar foods	..	7	5	..	..	27	..	..	..	5	3	47
6.	204	Grain mill products	..	..	..	..	..	3	8	40	2	4	4	61
7.	205	Manu: of Bakery products	..	..	..	..	..	1	..	..	..	2	1	4
8.	206	Manu: of Refining of sugar	..	..	2	..	..	..	..	1	..	..	..	3
9.	209	Manu: of cocoa, chocolate and sugar confectionary.	..	1	..	..	..	..	..	..	..	..	..	1

10.	210	Manu: of hydrogenated oils, vanaspathy, ghee etc.	..	..	..	..	..	..	..	..	..	..	..	1	..	1
11.	211	Manu: of other edible oils	..	6	13	..	1	3	10	1	3	1	1	1	1	37
12.	212	Tea processing	4	5	..	2	71	..	1	2	..	11	4	100	6	
13.	213	Coffee curing, roasting, and grinding	..	..	..	1	..	..	..	..	..	..	..	..	..	..
14.	214	Cashewnut processing	17	222	5	..	..	3	5	..	..	2	3	257	..	..
15.	215	Manu: of ice	..	..	1	..	..	1	..	..	..	1	..	3	..	..
16.	216	Manu: of prepared animal seeds	..	..	..	..	..	..	1	..	..	..	..	2	..	..
17.	217	Manu: of starch	..	2	..	..	..	1	1	..	1	..	..	5	..	..
18.	219	Manu: of food products (N.C.C.)	..	1	2	..	..	2	..	..	..	3	..	8	..	..
19.	220	Distilling, rectifying and blending of spirits	..	..	..	..	..	..	1	..	..	1	..	2	..	..
20.	222	Malt liquors and malt	..	..	1	..	..	..	..	1	..	..	..	2	..	..
21.	223	Production of country liquor and toddy	..	..	..	..	..	..	..	1	..	..	..	1	..	..
22.	224	Soft drinks and carbonated water industries	..	..	..	..	..	..	..	..	..	1	..	1	..	..
23.	226	Manu: of beedi	..	..	..	..	..	..	1	3	..	..	..	5	1	..
24.	227	Manu: cigars, cigarettes, cheroots and cigarette tobacco	..	..	..	..	..	..	..	..	..	1	..	1	..	..

TABLE 3.4—(Contd.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
25.	229	Manu: of tobacco and tobacco products (n.e.c.)	..	..	..	..	..	..	..	..	..	..	1	1
26.	231	Cotton spinning and weaving in mills	1	1	..	1	..	4	6	3	1	1	5	23
27.	232	Printing, dyeing and bleaching of cotton textiles	..	..	..	..	..	1	..	..	..	1	1	3
28.	235	Weaving and finishing of cotton textiles in powerlooms	2	..	..	..	..	..	1	..	..	14	79	96
29.	236	Weaving and finishing of cotton textiles in powerlooms	..	..	..	..	..	..	..	..	..	..	11	11
30.	239	Cotton textiles (n.e.c.)	..	..	..	..	1	..	..	..	..	..	1	1
31.	247	Spinning, weaving and finishing of other textiles	..	1	..	..	1	1	..	..	..	2	1	3
32.	260	Knitting mills	..	..	..	..	..	..	1	..	..	2	3	6
33.	261	Manu: of all types of threads, cordages ropes twines, nets, etc.	..	..	..	..	..	..	1	..	..	..	..	1
34.	262	Embroidery and making of creps, laces and fringes	..	..	..	..	..	..	1	..	..	..	..	1

TABLE 3.4—(Contd.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
47.	285	Printing and publishing of periodicals, books and journals	10	6	3	11	..	21	1	4	..	7	4	67
48.	287	Engraving, etching, block making etc.	..	..	..	..	..	..	..	..	..	1	..	1
49.	288	Book binding	..	..	..	..	..	..	1	..	..	..	..	1
50.	289	Printing of picture and post cards	5	2	1	..	..	3	13	2	..	4	1	31
51.	300	Tyre, tube industries	1	..	1	3	..	5	1	..	1	2	..	14
52.	301	Manu: of footwear made primarily of vulcanised or moulded rubber and plastics	..	..	..	1	..	..	..	..	..	..	..	1
53.	302	Manu: of rubber products not elsewhere classified.	1	13	2	37	4	4	11	3	2	8	1	86
54.	303	Manu: of plastic products	1	..	1	1	..	3	..	..	..	2	1	9
55.	304	Petroleum refineries	..	..	..	..	..	1	..	..	..	..	..	1
56.	310	Manu: of basic industrial organic and inorganic chemicals and gasers.	1	1	1	1	..	12	1	..	..	1	..	18
57.	311	Manu: of basic pesticides and fertilizers	1	..	1	3	..	5	..	3	1	4	..	18
58.	312	Manu: of organic fertilizers	..	..	1	..	..	..	1	..	..	..	..	2

69.	313	Manu: of drugs and medicines	3	1	3	1	1	2	8	2	2	4	2	29
60.	314	Manu: of perfumes and lotions	..	..	..	..	3	1	1	..	2	3	2	9
61.	315	Manu: of pesticides formulations	..	..	..	..	..	1	1	..	..	..	1	2
62.	316	Manu: of turpentine	1	1	..	1	4	..	..	1	..	1	..	9
63.	317	Manu: of Matches	..	..	..	..	1	4	6	1	..	1	..	12
64.	318	Manu: of explosives and ammunition and fire works	..	..	..	..	..	3	..	..	..	..	..	3
65.	319	Manu: of chemical products (n.e.c.c.)	..	..	..	1	..	..	..	..	..	2	..	3
66.	320	Manu: of structural clay products	1	39	3	2	20	128	10	4	17	8	232	
67.	321	Manu: of glass and glass products	..	..	1	..	1	..	..	..	..	..	..	2
68.	323	Manu: of chinaware and porcelainware	2	1	..	..	..	..	..	..	..	2	5	
69.	324	Manu: of cement	..	..	1	2	..	..	..	..	..	..	..	3
70.	326	Manu: of structural store goods, stoneware stone dressing and stone crushing.	..	..	..	..	1	..	..	..	..	..	..	1

TABLE 3.4—(Contd.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
71.	329	Manu: of miscellaneous non-metallic mineral products	..	2	..	..	..	1	..	..	..	2	..	5
72.	330	Iron and steel industries	..	..	..	..	..	..	1	2	1	5	..	9
73.	331	Casting and forging of iron and steel	..	2	1	1	..	7	3	1	1	2	..	18
74.	333	Copper manufacturing	..	..	..	..	..	2	2	..	..	..	..	2
75.	335	Aluminium manufacturing	1	..	..	..	..	3	..	..	..	..	1	5
76.	336	Zinc manufacturing	..	..	..	..	..	1	..	..	..	..	..	1
77.	339	Other non-ferrous metal industries	..	..	1	..	..	..	..	..	..	..	..	1
78.	340	Manu: of metal cans and tin plate	..	19	1	..	..	16	3	1	..	1	..	41
79.	341	Manu: of structural metal products	2	3	1	1	..	8	2	1	..	..	4	22
80.	342	Manu: of metal furniture and fixtures	..	..	3	..	..	2	..	2	..	..	..	7
81.	343	Manu: of hand tools and general hardware	..	..	1	..	1	3	6	8	..	1	..	20
82.	344	Enamelling, japanning, lacquering, galvanising, plating and polishing, of metal products	..	..	..	..	..	..	1	1	..	..	..	2
83.	345	Manu: of metal utensils, cutlery and kitchenware	2	1	1	..	..	3	2	4	1	2	..	16

84.	349	Manu: of metal products and transport except machinery equipment (n.e.c.)	1	2	3
85.	350	Manu: of agricultural machinery and equipment and paints	1	2	4
86.	352	Manu: of prime movers, boilers and steam generating plants	1	1	1
87.	353	Industrial machinery for food and textile industries	1	1	1
88.	354	Industrial machinery for other than food and textiles	1	7	10
89.	356	Manu: and repair of general items of non-electrical machinery	1	1	3
90.	357	Manu: of machine tools, their parts and accessories	1	2	9
91.	358	Manu: of office computing and accounting machinery and parts	1	1	5

TABLE 3.4—(Contd)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
92.	359	Manu: of sewing machines	..	..	1	1	1	1	1	..	1	2	..	8
93.	360	Manu: of electrical industrial machinery and apparatus and parts	1	..	2	..	..	4	3	3	..	..	..	13
94.	361	Manu: of insulated wires and cables	1	1	1	..	3	..	..	..	..	..	..	6
95.	362	Manu: of dry and wet batteries	..	..	1	..	2	..	..	..	..	..	..	3
96.	363	Manu: of electrical apparatus, appliances and other parts	..	..	..	..	2	..	..	..	..	..	..	2
97.	364	Manu: of Radio and Television transmitting and receiving sets	2	..	..	..	..	..	..	1	..	..	..	3
98.	366	Manu: of electronic computer, control instruments and other equipments	..	..	..	..	..	..	..	1	..	..	..	1
99.	367	Manu: of electronic components and accessories (n.o.c.)	..	..	..	..	1	..	..	..	..	..	..	1
100.	369	Manu: of electrical machinery and parts	..	..	..	..	3	..	..	..	..	..	..	3

101. 370	Ship building and repairing.	1	2	..	..	14	1	..	1	1	20
102. 375	Manu: of motor cycles and scooters and parts	1	..	..	..	..	..	..	..	..	1
103. 376	Manu: of bicycles, cycles rickshaws and parts	3	1	2	..	2	..	..	..	..	8
104. 379	Manu: of transport equipment and parts	..	..	..	..	1	..	..	..	..	1
105. 380	Manu: of medical, surgical and scientific equipments	1	1	..	..	3	2	2	..	..	9
106. 382	Manu: of watches, clocks	..	..	..	..	1	..	..	..	..	1
107. 387	Manu: of pen and pencils	..	1	..	..	..	..	..	2	..	3
108. 389	Manu: of miscellaneous products (n.e.c.)	..	..	..	..	..	..	3	..	..	3
109. 420	Water supply i. e., collection, purification and distribution of water	..	..	..	..	..	..	..	1	..	1
110. 910	Sanitation and similar services	1	..	..	..	..	..	..	..	..	1

TABLE 3.4—(Contd.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
111. 901	Laundries, laundry services and cleaning and dyeing plants		..	..	..	..	..	1	..	..	..	1	..	2
112. 972	Electrical repair shops		..	..	..	..	..	2	..	1	..	..	..	3
113. 973	Repair of motor vehicles and motor cycles		12	2	6	7	3	11	10	11	3	20	11	96
114. 979	Repair of enterprises (n.e.c.)		..	..	..	..	..	..	1	1	..	..	..	3
Total			96	390	132	112	89	316	334	186	36	303	245	2239

TABLE 3.5.0

Arrangement of industries according to No. of units

District: Trivandrum

Sl. No.	Code	Name of industry	No. of units (No.)
1.	214	Cashewnut processing	17
2.	973	Repair of motor vehicles and motor cycles	12
3.	285	Printing and publishing of periodicals, books, journals	10
4.	271	Sawing and planing of wood	7
5.	289	Printing of picture and post cards	5
6.	212	Tea processing	4
7.	276	Manufacture of wooden furniture and fixtures	4
		Other industries	37
		Total	96

TABLE 3.5.1

Arrangement of industries according to fixed Capital

District: Trivandrum

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1.	285	Printing and publishing of periodicals, books and journals	63.55
2.	973	Repair of motor vehicles and motor cycles	29.04
3.	276	Manufacture of wooden furniture and fixtures	15.34
4.	214	Cashewnut processing	14.81
5.	289	Printing of pictures and post cards	13.40
6.	212	Tea processing	10.68
7.	271	Sawing and planing of wood	1.25
		Other industries	1,121.87
		Total	1,269.94

TABLE 3.5.2

Arrangement of industries according to working capital

District: Trivandrum

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1.	285	Printing and publishing of periodicals, books and journals	75.48
2.	276	Manufacture of wooden furniture and fixtures	38.19
3.	214	Cashewnut processing	37.11
4.	973	Repair of motor vehicles and motor cycles	14.05
5.	289	Printing of pictures and post cards	9.54
6.	212	Tea processing	6.35
7.	271	Sawing and planing of wood	2.17
		Other industries	632.70
		Total	<u>815.59</u>

TABLE 3.5.3

Arrangement of industries according to productive capital

District: Trivandrum

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1.	285	Printing and publishing of periodicals, books and journals	139.03
2.	276	Manufacture of wooden furniture and fixtures	53.53
3.	214	Cashewnut processing	51.92
4.	973	Repair of motor vehicles and cycles	43.09
5.	289	Printing of pictures and post cards	22.94
6.	212	Tea processing	17.03
7.	271	Sawing and planing of wood	3.42
		Other industries	1,754.57
		Total	<u>2,085.53</u>

TABLE 3.5.4

Arrangement of industries according to invested capital

District: Trivandrum

Sl. No.	Code	Name of industry.	Invested capital (Rs. in lakhs)
1.	214	Cashewnut processing	77.75
2.	285	Printing and publishing of periodicals, books and journals	74.60
3.	276	Manufacture of wooden furniture and fixtures	39.95
4.	973	Repair of motor vehicles and motor cycles	33.91
5.	212	Tea processing	17.77
6.	289	Printing of pictures and post cards	17.52
7.	271	Sawing and planing of wood	2.88
		Other industries	1,767.84
		Total	<u>2,032.22</u>

TABLE 3.5.5

Arrangement of industries according to outstanding loans

District: Trivandrum

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	214	Cashewnut processing	37.16
2.	276	Manufacture of wooden furniture and fixtures	8.31
3.	285	Printing and publishing of periodicals books and journals	7.70
4.	289	Printing of pictures and post cards	3.79
5.	271	Sawing and planing of wood	1.18
6.	973	Repair of motor vehicles and motor cycles	0.59
7.	212	Tea processing	..
		Other industries	1,160.71
		Total	<u>1,219.44</u>

TABLE 3.5.6

Arrangement of industries according to all workers

District: Trivandrum

Sl. No.	Code	Name of industry	All workers (No.)
1.	214	Cashewnut processing	5492
2.	285	Printing and publishing of periodicals, books and journals	927
3.	97	Repair of motor vehicles and motor cycles	678
4.	276	Manufacture of wooden furniture and fixtures	391
5.	289	Printing of pictures and post cards	211
6.	271	Sawing and planing of wood	187
7.	212	Tea processing	104
		Other industries	3,206
		Total	1,1196

TABLE 3.5.7

Arrangement of industries according to all employees

District: Trivandrum

Sl. No.	Code	Name of industry	All employees (No.)
1.	214	Cashewnut processing	5797
2.	285	Printing and publishing of periodical, books and journals	1121
3.	973	Repair of motor vehicles and motor cycles	828
4.	276	Manufacture of wooden furniture and fixtures	496
5.	289	Printing of pictures and post cards	286
6.	271	Sawing and planing of wood	209
7.	212	Tea processing	116
		Other industries	4201
		Total	13,054

TABLE 3.5.8

Arrangement of industries according to wages to workers

District: Trivandrum

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1.	285	Printing and publishing of periodicals, books and journals	63.46
2.	973	Repair of motor vehicles and motor cycles	54.78
3.	214	Cashewnut processing	47.04
4.	276	Manufacture of wooden furniture and fixtures	15.62
5.	289	Printing of pictures and post cards	5.73
6.	212	Tea processing	2.09
7.	271	Sawing and planing of wood	0.81
		Other industries	197.10
		Total	<u>386.62</u>

TABLE 3.5.9

Arrangement of industries according to total emoluments

District: Trivandrum

Sl. No.	Code	Name of industry	Total emoluments (Rs. in lakhs)
1.	285	Printing and publishing of periodicals, books and journals	81.09
2.	973	Repair of motor vehicles and motor cycles	69.64
3.	214	Cashewnut processing	58.76
4.	276	Manufacture of wooden furniture and fixtures	22.89
5.	289	Printing of pictures and post cards	11.48
6.	212	Tea processing	3.20
7.	271	Sawing and planing of wood	2.37
		Other industries	314.05
		Total	<u>563.48</u>

TABLE 3.5.10
**Arrangement of industries according to average
 wage per worker**

District: Trivandrum

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1.	973	Repair of motor vehicles and motor cycles	8,079.65
2.	285	Printing and publishing of periodicals, books and journals	6,845.74
3.	276	Manufacture of wooden furniture and fixtures	3,992.33
4.	289	Printing of pictures and post cards	2,715.64
5.	212	Tea processing	2,009.62
6.	214	Cashewnut processing	856.52
7.	271	Sawing and planing of wood	433.16
		Other industries,	6,147.85
		All industries	<u>3,453.20</u>

TABLE 3.5.11
**Arrangement of industries according average wages,
 salaries and other benefits per employee**

District: Trivandrum

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee (Rs.)
1.	973	Repair of motor vehicles and motor cycles	8,411.63
2.	285	Printing and publishing of periodicals books and journals	7,234.72
3.	276	Manufacture of wooden furniture and fixtures	4,615.92
4.	289	Printing of pictures and post cards	4,014.99
5.	212	Tea processing	2,759.62
6.	271	Sawing and planing of wood	1,134.97
7.	214	Cashewnut processing	1,014.63
		Other industries	7,476.60
		All industries	<u>4,317.83</u>

TABLE 3.5.12

Arrangement of industries according to total input

District: Trivandrum

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	214	Cashewnut processing	265.57
2.	973	Repair of motor vehicles and motor cycles	152.78
3.	212	Tea processing	54.29
4.	285	Printing and publishing of periodicals books and journals	50.99
5.	276	Manufacture of wooden furniture and fixtures	24.00
6.	289	Printing of pictures and post cards	21.55
7.	271	Sawing and planing of wood	15.39
		Other industries	1,138.15
		Total	1,722.72

TABLE 3.5.13

Arrangement of industries according to total output

District: Trivandrum

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	214	Cashewnut processing	351.77
2.	973	Repair of motor vehicles and motor cycles	250.50
3.	285	Printing and publishing of periodicals books and journals	145.01
4.	212	Tea processing	66.99
5.	289	Printing of pictures and post cards	46.97
6.	276	Manufacture of wooden furniture and fixtures	46.77
7.	271	Sawing and planing of wood	19.69
		Other industries	1,813.56
		Total	2,741.26

TABLE 3.5.14

Arrangement of industries according to value added

District: Trivandrum

Sl. No.	Code	Name of industry	Value added (Rs. in lakhs)
1.	973	Repair of motor vehicles and motor cycles	96.72
2.	285	Printing and publishing of periodicals, books and journals	89.67
3.	214	Cashewnut processing	83.88
4.	289	Printing of pictures and post cards	24.15
5.	276	Manufacture of wooden furniture and fixtures	21.96
6.	212	Tea processing	11.39
7.	271	Sawing and planing of wood	4.17
		Other industries	496.04
		Total	827.98

TABLE 3.5.15

Arrangement of industries according to net income

District: Trivandrum

Sl. No.	Code	Name of industry	Net income (Rs. in lakhs)
1.	973	Repair of motor vehicles and motor cycles	96.38
2.	285	Printing and publishing of periodicals, books and journals	89.49
3.	214	Cashewnut processing	74.62
4.	289	Printing of pictures and post cards	23.20
5.	276	Manufacture of wooden furniture and fixtures	18.15
6.	212	Tea processing	11.39
7.	271	Sawing and planing of wood	3.95
		Other industries	395.00
		Total	712.18

TABLE 3.6.0

Arrangement of industries according to No. of units

District: Quilon

Sl. No.	Code	Name of industry	No. of units
1.	214	Cashewnut processing	222
2.	320	Manufacture of structural clay products	38
3.	271	Saw mills	26
4.	340	Manufacture of metal cans and tin plate	19
5.	302	Manufacture of rubber products—others	13
6.	203	Canning and processing of fish	7
7.	211	Manufacture of other edible oils	6
8.	285	Printing and publishing of books and journals	6
9.	212	Tea processing	5
10.	281	Manufacture of containers and boxes of paper	5
11.	272	Cane and bamboo works	4
12.	341	Manufacture of structural metal products	3
		Others	36
		Total	390

TABLE 3.6.1.

Arrangement of industries according to fixed capital

District: Quilon

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1.	214	Cashewnut processing	170.20
2.	203	Canning and processing of fish	77.87
3.	302	Manufacture of rubber products—others	56.75
4.	320	Manufacture of structural clay products	28.67
5.	281	Manufacture of containers and boxes of paper	16.37
6.	285	Printing and publishing of books and journals	14.93
7.	340	Manufacture of metal cans and tin plate	13.80
8.	271	Saw mills	6.30
9.	211	Manufacture of other edible oils	5.75
10.	212	Tea processing	3.87
11.	341	Manufacture of structural metal products	3.31
12.	272	Cane and bamboo works	0.59
		Others	1,238.84
		Total	1,637.25

TABLE 3.6.2.

Arrangement of industries according to working capital

District: Quilon

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1.	214	Cashewnut processing	725.69
2.	341	Manufacture of structural metal products	90.74
3.	302	Manufacture of rubber products—others	49.61
4.	340	Manufacture of metal cans and tin plate	44.12
5.	320	Manufacture of structural clay products	26.84
6.	203	Canning and processing of fish	17.83
7.	212	Tea processing	12.30
8.	281	Manufacture of containers and boxes of paper	12.27
9.	271	Saw mills	11.91
10.	211	Manufacture of other edible oils	10.26
11.	285	Printing and publishing of books and journals	4.48
12.	272	Cane and bamboo works	0.84
		Others	610.43
		Total	1,617.32

TABLE 3.6.3

Arrangement of industries according to productive capital

District: Quilon

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1.	214	Cashewnut processing	895.89
2.	302	Manufacture of rubber products—others	106.36
3.	203	Canning and processing of fish	95.70
4.	341	Manufacture of structural metal products	94.05
5.	340	Manufacture of metal cans and tin plate	57.92
6.	320	Manufacture of structural clay products	55.51
7.	281	Manufacture of containers and boxes of paper	28.64
8.	285	Printing and publishing of books and journals	19.41
9.	271	Saw mills	18.21
10.	212	Tea processing	16.17
11.	211	Manufacture of other edible oils	16.01
12.	272	Cane and bamboo works	1.43
		Others	1,849.27
		Total	3,254.57

TABLE 3.6.4

Arrangement of industries according to invested capital

District: Quilon

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)
1	2	3	4
1.	214	Cashewnut processing	1,547.36
2.	203	Canning and processing of fish	147.55
3.	302	Manufacture of rubber products—others	99.37
4.	340	Manufacture of metal cans and tin plate	95.48
5.	320	Manufacture of structural clay products	62.89
6.	341	Manufacture of structural metal products	53.97
7.	281	Manufacture of containers and boxes of paper	36.93
8.	211	Manufacture of other edible oils	20.33

1	2	3	4
9.	285	Printing and publishing of books and journals	19.82
10.	271	Saw mills	15.31
11.	212	Tea processing	14.90
12.	272	Cane and bamboo works	1.12
		Others	2,117.12
		Total	4,232.15

TABLE 3.6.5

Arrangement of industries according to outstanding loans

District: Quilon

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	214	Cashewnut processing	892.54
2.	203	Canning and processing of fish	123.30
3.	340	Manufacture of metal cans and tin plate	47.43
4.	281	Manufacture of containers and boxes of paper	22.26
5.	320	Manufacture of structural clay products	16.41
6.	271	Saw mills	3.74
7.	285	Printing and publishing of books and journals	2.65
8.	341	Manufacture of structural metal products	2.23
9.	211	Manufacture of other edible oils	0.91
10.	272	Cane and bamboo works	0.19
		Others	1,305.02
		Total	2,416.68

TABLE 3.6.6

Arrangement of industries according to workers

District: Quilon

Sl. No.	Code	Name of industry	All workers (No.)
1	2	3	4
1.	214	Cashewnut processing	76978
2.	320	Manufacture of structural clay products	1543
3.	271	Saw mills	716

1	2	3	4
4.	203	Canning and processing of fish	619
5.	302	Manufacture of rubber products—others	503
6.	340	Manufacture of metal cans and tin plate	231
7.	341	Manufacture of structural metal products	180
8.	212	Tea processing	118
9.	281	Manufacture of containers and boxes of paper	117
10.	285	Printing and publishing of books and journals	91
11.	272	Cane and bamboo works	67
12.	211	Manufacture of other edible oils	36
		Others	4739
		Total	85938

TABLE 3.6.7.

Arrangement of industries according to employees

District: Quilon

Sl. No.	Code	Name of industry	All employees (No.)
1.	214	Cashewnut processing	81418(87.7)
2.	320	Manufacture of structural clay products	1739
3.	203	Canning and processing of fish	830
4.	271	Saw mills	810
5.	302	Manufacture of rubber products— others	586
6.	340	Manufacture of metal cans and tin plate	310
7.	341	Manufacture of structural metal products	302
8.	281	Manufacture of containers and boxes of paper	151
9.	212	Tea processing	133
10.	285	Printing and publishing of books and journals	111
11.	211	Manufacture of other edible oils	79
12.	272	Cane and bamboo works	74
		Others	6198
		Total	92741

TABLE 3.6.8

Arrangement of industries according to employees

District: Quilon

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1.	214	Cashewnut processing	764.62
2.	320	Manufacture of structural clay products	45.36
3.	341	Manufacture of structural metal products	15.04
4.	203	Canning and processing of fish	12.98
5.	271	Saw mill	11.92
6.	302	Manufacture of rubber products—others	11.82
7.	340	Manufacture of metal cans and tin plate	4.58
8.	212	Tea processing	2.68
9.	281	Manufacture of containers and boxes of paper	2.56
10.	285	Printing and publishing of books and journals	1.95
11.	272	Cane and bamboo works	1.33
12.	211	Manufacture of other edible oils	0.71
		Others	266.75
		Total	1142.30

TABLE 3.6.9.

Arrangement of industries according to total emoluments

District: Quilon

Sl. No.	Code	Name of industry	Wages, salaries and other benefits to employees (Rs. in lakhs)
1	2	3	4
1.	214	Cashewnut processing	957.54
2.	320	Manufacture of structural clay products	58.06

1	2	3	4
3.	371	Manufacture of structural metal products	38.79
4.	203	Manufacture of rubber products— Others	18.16
5.	302	Manufacture of rubber products— Others	18.16
6.	271	Saw mills	16.51
7.	340	Manufacture of metal cans and tin plate	8.76
8.	212	Tea processing	5.38
9.	281	Manufacture of containers and boxes of paper	4.67
10.	285	Printing and publishing of books and journals	2.68
11.	272	Cane and bamboo works	1.64
12.	211	Manufacture of other edible oils Others	1.46 433.18
Total			1569.42

TABLE 3.6.10

Arrangement of industries—Average wage per worker

District: Quilon

St. No.	Code	Name of industry	Average wage per worker (Rs.)
1	2	3	4
1.	341	Manufacture of structural metal products	1,355.55
2.	320	Manufacture of structural clay products	2,939.72
3.	302	Manufacture of rubber products— Others	2,349.90
4.	212	Tea processing	2,271.18
5.	281	Manufacture of containers and boxes of paper	2,188.03

1	2	3	4
6.	285	Printing and publishing of books and journals	2,142.85
7.	203	Canning and processing of fish	2,096.93
8.	272	Cane and bamboo works	1,985.07
9.	340	Manufacture of metal cans and tin plate	1,982.68
10.	211	Manufacture of other edible oils	1,972.22
11.	271	Saw mills	1,664.80
12.	214	Cashewnut processing	993.29
		Others	5,628.82
		Total	1,329.21

TABLE 3.6.11

Average Wages, Salaries and other Benefits per employee

District: Quilon

Sl. No.	Code	Name of industry	Average wages, salaries, and other benefits per employee (Rs.)
1	2	3	4
1.	341	Manufacture of structural metal products	12,844.37
2.	212	Tea processing	4,045.11
3.	320	Manufacture of structural clay products	3,338.70
4.	302	Manufacture of rubber products— Others	3,098.97
5.	281	Manufacture of containers and boxes of paper	3,092.71
6.	370	Manufacture of metal cans and tin plate	2,825.80
7.	203	Canning and processing of fish	2,721.68
8.	285	Printing and publishing of books and journals	2,414.41

1	2	3	4
9.	272	Cane and bamboo works	2,216.21
10.	271	Saw mills	2,038.27
11.	211	Manufacture of other edible oils	1,848.10
12.	214	Cashewnut processing	1,176.07
		Others	6,989.02
		Total	1,692.26

TABLE 3.6.12

Arrangement of industries according to total input

District: Quilon

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	214	Cashewnut processing	4,648.74
2.	203	Canning and processing of fish	586.93
3.	302	Manufacture of rubber products— Others	291.67
4.	211	Manufacture of other edible oils	220.52
5.	370	Manufacture of metal cans and tin plate	195.37
6.	341	Manufacture of structural metal products	108.06
7.	281	Manufacture of containers and boxes of paper	94.82
8.	271	Saw mills	85.87
9.	212	Tea processing	73.78
10.	320	Manufacture of structural clay products	79.23
11.	272	Cane and bamboo works	6.63
12.	285	Printing and publishing of books and journals	4.74
		Others	2,143.27
		Total	8,509.33

TABLE 3.6.13

Arrangement of industries according to total output

District: Quilon

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	214	Cashewnut processing	6020.69
2.	203	Canning and processing of fish	617.63
3.	302	Manufacture of rubber products— Others	413.37
4.	211	Manufacture of other edible oils	229.72
5.	370	Manufacture of metal cans and tin plate	219.73
6.	371	Manufacture of structural metal products	182.24
7.	320	Manufacture of structural clay products	125.66
8.	281	Manufacture of containers and boxes of paper	124.99
9.	271	Saw mills	110.25
10.	212	Tea processing	84.38
11.	285	Printing and publishing of books and journals	8.64
12.	272	Cane and bamboo works	8.00
		Others	2,788.57
		Total	10,933.87

TABLE 3.6.14

Arrangement of industries according to value added

District: Quilon

Sl. No.	Code	Name of industry	Value added by manufacture (Rs. in lakhs)
1	2	3	4
1.	214	Cashewnut processing	1,351.98
2.	302	Manufacture of rubber products— Others	114.16

1	2	3	4
3.	320	Manufacture of structural clay products	74.24
4.	371	Manu: of structural metal products	73.81
5.	281	Manu: of containers and boxes of paper	28.25
6.	271	Saw mills	23.82
7.	340	Manufacture of metal cans and tin plate	23.00
8.	203	Canning and processing of fish	18.30
9.	212	Tea processing	10.29
10.	211	Manufacture of other edible oils	8.01
11.	285	Printing and publishing of books and journals	3.13
12.	272	Cane and bamboo works	1.32
		Others	561.04
		Total	2,291.40

TABLE 3.6.15

Arrangement of industries according to net income

District: Quilon

Sl. No.	Code	Name of industry	Net income (Rs. lakhs)
1.	214	Cashewnut processing	1,192.09
2.	302	Manufacture of rubber products— Others	114.16
3.	320	Manu: of structural clay products	72.60
4.	341	Manu: of structural metal products	72.29
5.	281	Manu: of containers and boxes of paper	34.36
6.	271	Saw mills	22.42
7.	340	Manufacture of metal cans and tin plate	16.88
8.	212	Tea processing	10.29
9.	211	Manufacture of other edible oils	4.62
10.	285	Printing and publishing of books and journals	2.10
11.	272	Cane and bamboo works	1.25
12.	203	Canning and processing of fish Others	(-) 3.54 427.27
		Total	1,956.79

TABLE 3.7.0

Arrangement of industries according to No of units

District: Alleppey

Sl. No.	Code	Name of Industry	No. of units (No.)
1.	268	Manufacture of coir and coir products	45
2.	211	Manufacture of other edible oils	13
3.	271	Saw mills	7
4.	973	Repair of motor vehicles	6
5.	203	Canning and processing of fish	5
6.	214	Cashewnut processing	5
7.	270	Manufacture of veneers and plywood	3
8.	285	Printing and publishing of books and journals	3
9.	313	Manu: of drugs and medicines	3
10.	320	Manu: of structural clay products	3
11.	342	Manu: of metal furniture and fixtures	3
		Others	36
		Total	132

TABLE 3.7.1.

Arrangement of industries according to working capital

District: Alleppey

Sl. No.	Code	Name of industry	Working Capital (Rs. in lakhs)
1	2	3	3
1.	268	Manufacture of coir and coir products	261.53
2.	214	Cashewnut processing	39.10
3.	313	Manu: of drugs and medicines	17.83
4.	211	Manu: of other edible oils	15.36
5.	973	Repair of motor vehicles	3.78
6.	320	Manu: of structural clay products	3.72
7.	285	Printing and publishing of books and journals	3.50

1	2	3	4
8.	270	Manu: of veneers and plywood	3.26
9.	342	Manu: of metal furniture and fixtures	3.02
10.	271	Saw mills	0.33
11.	203	Canning and processing of fish	(-) 2.74
		Others	285.72
		Total	634.41

TABLE 3.7.2.

Arrangement of industries according to fixed capital

District: Alleppey

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1.	268	Manufacture of coir and coir products	78.54
2.	313	Manu: of drugs and medicines	66.42
3.	211	Manu: of other edible oils	28.24
4.	203	Canning and processing of fish	17.56
5.	973	Repair of motor vehicles	16.88
6.	270	Manu: of veneers and plywood	8.89
7.	320	Manu: of structural clay products	8.18
8.	285	Printing and publishing of books and journals	6.63
9.	342	Manu: of metal furniture and fixtures	4.23
10.	271	Saw mills	1.28
11.	214	Cashewnut processing	1.12
		Others	637.20
		Total	875.17

TABLE 3.7.3

Arrangement of industries according to productive capital

District: Alleppey

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1.	268	Manufacture of coir and coir products	340.07
2.	313	Manu: of drugs and medicines	84.26
3.	211	Manu: of other edible oils	43.59
4.	214	Cashewnut processing	40.22
5.	973	Repair of motor vehicles	20.65
6.	203	Canning and processing of fish	14.82
7.	270	Manufacture of veneers and plywood	12.15
8.	320	Manu: of structural clay products	11.87
9.	285	Printing and publishing of books and journals	10.12
10.	342	Manufacture of metal furniture and fixtures	7.25
11.	271	Saw mills	1.61
12.		Others	922.97
		Total	1,509.58

TABLE 3.7.4

Arrangement of industries according to invested capital

District: Alleppey

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)
1	2	3	4
1.	268	Manufacture of coir and coir products	329.56
2.	313	Manufacture of drugs and medicines	134.39
3.	214	Cashewnut processing	61.12
4.	211	Manu: of other edible oils	50.83
5.	203	Canning and processing of fish	35.44

1	2	3	4
6.	973	Repair of motor vehicles	20.64
7.	270	Manu: of veneers and plywood	11.71
8.	320	Manu: of structural clay products	11.48
9.	285	Printing and publishing of books and journals	10.04
10.	342	Manu: of metal furniture and fixtures	6.69
11.	271	Saw mills	2.21
12.		Others	1,120.04
		Total	<u>1,794.15</u>

TABLE 3.7.5.

Arrangement of industries according to outstanding loans

District: Alleppey

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	268	Manufacture of coir and coir products	200.40
2.	313	Manu: of drugs and medicines	86.00
3.	214	Cashewnut processing	34.36
4.	203	Canning and processing of fish	33.09
5.	211	Manufacture of other edible oils	11.55
6.	320	Manu: of structural clay products	7.41
7.	285	Printing and publishing of books and journals	6.99
8.	342	Manu: of metal furniture and fixtures	5.99
9.	270	Manu: of veneers and plywood	5.84
10.	271	Saw mills	0.29
11.		Others	697.93
		Total	<u>1,089.85</u>

TABLE 3.7.6

Arrangement of industries according to workers

District: Alleppey

Sl. No.	Code	Name of industry	All workers (No.)
1.	214	Cashewnut processing	4826
2.	268	Manu: of coir and coir products	1682
3.	973	Repair of motor vehicles	403
4.	271	Saw mills	288
5.	203	Canning and processing of fish	273
6.	313	Manu: of drugs and medicines	194
7.	211	Manu: of other edible oils	145
8.	270	Manu: of veneers and plywood	96
9.	320	Manu: of structural clay products	63
10.	285	Printing and publishing of books and journals	47
11.	342	Manu: of metal furniture and fixtures	20
12.		Others	2609
		Total	<u>10646</u>

TABLE 3.7.7

Arrangement of industries according to employees

District: Alleppey

Sl. No.	Code	Name of industry	All employees (No.)
1	2	3	4
1.	214	Cashewnut processing	4974
2.	268	Manufacture of coir and coir products	2729
3.	973	Repair of motor vehicles	446
4.	271	Saw mills	316
5.	203	Canning and processing of fish	314
6.	313	Manufacture of drugs and medicines	299
7.	211	Manu: of other edible oils	207
8.	270	Manu: of veneers and plywood	122

1	2	3	4
9.	320	Manu. of structural clay products	84
10.	285	Printing and publishing of books and journals	57
11.	342	Manu. of metal furniture and fixtures	34
12.		Others	3690
		Total	<u>13272</u>

TABLE 3.7.8

Arrangement of industries according to wages

District: Alleppy

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1.	268	Manufacture of coir and coir products	93.52
2.	214	Cashewnut processing	60.67
3.	973	Repair of motor vehicles	26.70
4.	313	Manu. of drugs and medicines	8.39
5.	203	Canning and processing of fish	8.18
6.	211	Manu. of other edible oils	4.34
7.	271	Saw mills	3.38
8.	270	Manu. of veneers and plywood	2.43
9.	320	Manu. of structural clay products	1.36
10.	285	Printing and publishing of books and journals	1.35
11.	342	Manu. of metal furniture and fixtures	0.59
12.		Others	112.27
		Total	<u>323.18</u>

TABLE 3.7.9

Arrangement of industries according to total emoluments

District: Alleppey

Sl. No.	Code	Name of Industry	Wages, salaries and other benefits to employees (Rs. in lakhs)
1.	268	Manufacture of coir and coir products	128.17
2.	214	Cashewnut processing	72.32
3.	973	Repair of motor vehicles	32.68
4.	313	Manu: of drugs and medicines	15.20
5.	203	Canning and processing of fish	10.74
6.	211	Manu: of other edible oils	6.44
7.	271	Saw mills	4.87
8.	270	Manu: of veneers and plywood	3.45
9.	320	Manu: of structural clay products	2.41
10.	285	Printing and publishing of books and journals	1.81
11.	342	Manu: of metal furniture and fixtures	1.24
12.		Others	180.32
		Total	459.65

TABLE 3.7.10

Arrangement of industries according to average wage per worker

District: Alleppey

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1	2	3	4
1.	973	Repair of motor vehicles	6,625.31
2.	268	Manufacture of coir and coir products	5,560.04
3.	313	Manu: of drugs and medicines	4,324.74

1	2	3	4
4.	203	Canning and processing of fish	2,996.33
5.	211	Manufacture of other edible oils	2,993.10
6.	342	Manu: of metal furniture and fixtures	2,950.00
7.	285	Printing and publishing of books and journals	2,872.34
8.	270	Manu: of veneers and plywood	2,531.25
9.	320	Manu: of structural clay products	2,158.73
10.	214	Cashewnut processing	1,257.14
11.	271	Saw mills	1,173.61
12.		Others	4,303.18
		All Industries	3,035.69

TABLE 3.7.11

Arrangement of industries according to average wages, salaries and other benefits per employees

District: Alleppey

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee (Rs.)
1.	973	Repair of motor vehicles	7,327.35
2.	313	Manufacture of drugs and medicines	5,083.61
3.	268	Manu: of coir and coir products	4,696.59
4.	342	Manu: of metal furniture and fixtures	3,647.05
5.	203	Canning and processing of fish	3,420.38
6.	285	Printing and publishing of books and journals	3,175.43
7.	211	Manu: of other edible oils	3,111.11
8.	320	Manu: of structural clay products	2,869.04
9.	270	Manu: of veneers and plywood	2,827.86
10.	271	Saw mills	1,541.13
11.	214	Cashewnut processing	1,453.96
12.		Others	4,886.72
		All Industries	3,463.30

TABLE 3.7.12

Arrangement of industries according to total input

District Alleppey

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	268	Manufacture of coir and coir products	1,045.39
2.	211	Manu: of other edible oils	486.34
3.	214	Cashewnut processing	243.75
4.	203	Canning and processing of fish	116.85
5.	313	Manu: of drugs and medicines	105.33
6.	973	Repair of motor vehicles	59.30
7.	271	Saw mills	15.78
8.	270	Manu: of veneers and plywood	11.27
9.	320	Manu: of structural clay products	7.20
10.	285	Printing and publishing of books and journals	5.70
11.	342	Manu: of metal furniture and fixtures	4.98
12.		Others	1,202.10
		Total	<u>3,302.99</u>

TABLE 3.7.13

Arrangement of industries according to total output

District: Alleppey

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1	2	3	4
1.	268	Manufacture of coir and coir products	1,334.05
2.	211	Manufacture of other edible oils	498.33
3.	214	Cashewnut processing	327.27
4.	313	Manu: of drugs and medicines	190.27
5.	203	Canning and processing of fish	133.08
6.	973	Repair of motor vehicles	92.79
7.	271	Saw mills	22.29
8.	270	Manufacture of veneers and plywood	16.58

1	2	3	4
9.	320	Manufacture of structural clay products	9.72
10.	295	Printing and publishing of books and journals	9.27
11.	342	Manufacture of metal furniture and fixtures	5.75
12.		Others	1,501.74
		Total	4,141.14

TABLE 3.7.14

Arrangement of industries according to value added

District: Alleppey

Sl. No.	Code	Name of industry	Value added by manufacture (Rs. in lakhs)
1.	268	Manufacture of coir and coir products	281.83
2.	214	Cashewnut processing	83.45
3.	313	Manu: of drug and medicines	78.99
4.	973	Repair of motor vehicles	31.31
5.	203	Canning and processing of fish	13.62
6.	211	Manufacture of other edible oils	9.72
7.	271	Saw mills	6.39
8.	270	Manu: of veneers and plywood	4.36
9.	285	Printing and publishing of books and journals	2.85
10.	320	Manu: of structural clay products	1.85
11.	342	Manu: of metal furniture and fixtures	0.41
12.		Others	250.39
		Total	765.17

TABLE 3.7.15

Arrangement of industries according to net income

District: Alleppey

Sl. No.	Code	Name of industry	Net income (Rs. in lakhs)
1.	268	Manufacture of coir and coir products	250.72
2.	214	Cashewnut processing	74.74
3.	313	Manu: of drugs and medicines	66.65
4.	973	Repair of motor vehicles	31.31
5.	203	Canning and processing of fish	10.47
6.	211	Manu: of other edible oils	7.00
7.	271	Saw mills	6.09
8.	270	Manu: of veneers and plywood	3.84
9.	285	Printing and publishing of books and journals	2.11
10.	320	Manu: of structural clay products	0.85
11.	342	Manufacture of metal furniture and fixtures	0.08
12.		Others	165.73
		Total	619.59

TABLE 3.8.0

Arrangement of industries according to no. of units

District: Kottayam

Sl. No.	Code	Name of industry	No. of units (No.)
1	2	3	4
1.	302	Manufacture of rubber products not elsewhere classified	36
2.	271	Sawing and planing of wood (other than plywood)	16
3.	285	Printing and publishing of periodicals, books and journals	11

1	2	3	4
4.	973	Repair of motor vehicles and motor cycles	7
5.	270	Manufacture of veneer, plywood and their products	4
6.	276	Manufacture of wooden furniture and fixtures	3
7.	300	Tyre and tube industries	3
8.	311	Manufacture of fertilizers and pesticides	3
		Other industries	29
		Total	<u>112</u>

TABLE 3.8.1.

Arrangement of industries according to working capital

District: Kottayam

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1.	302	Manufacture of rubber products not elsewhere classified	181.53
2.	311	Manufacture of fertilizers and pesticides	36.62
3.	270	Manufacture of veneer, plywood and their products	20.37
4.	285	Printing and publishing periodicals, books and journals	6.69
5.	973	Repair of motor vehicles and motor cycles	3.49
6.	271	Sawing and planing of wood (other than plywood)	3.18
7.	276	Manufacture of wooden furniture and fixtures	1.08
8.	300	Tyre and tube industries	(-)35.38
		Other industries	237.04
		Total	<u>454.62</u>

TABLE 3.8.2

Arrangement of industries according to fixed capital

District: Kottayam

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1.	302	Manufacture of rubber products (n.e.c.)	211.62
2.	270	Manufacture of veneer, plywood and their products	38.03
3.	285	Printing and publishing of periodicals, books and journals	17.70
4.	300	Tyre and tube industries	17.44
5.	973	Repair of motor vehicles and motor cycles	9.22
6.	271	Sawing and planing of wood (other than plywood)	5.79
7.	311	Manufacture of fertilizers and pesticides	3.30
8.	276	Manufacture of wooden furniture and fixtures	0.68
9.		Other industries	361.17
		Total	664.95

TABLE 3.8.3

Arrangement of industries according to productive capital

District: Kottayam

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1	2	3	4
1.	302	Manufacture of rubber products (n.e.c.)	393.15
2.	270	Manufacture of veneer, plywood and their products	58.40
3.	311	Manufacture of fertilizers and pesticides	39.92

1	2	3	4
4.	285	Printing and publishing of periodicals, books and journals	24.39
5.	973	Repair of motor vehicles and motor cycles	12.71
6.	271	Sawing and planing of wood (other than plywood)	8.97
7.	276	Manufacture of wooden furniture and fixtures	1.76
8.	300	Tyre and tube industries	(-) 17.94
		Other industries	598.21
		Total	<u>1,119.57</u>

TABLE 3.8.4

Arrangement of industries according to invested capital

District: Kottayam

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)
1.	302	Manufacture of rubber products (n.e.c.)	446.52
2.	270	Manufacture of veneer, plywood and their products	61.21
3.	311	Manufacture of fertilizers and pesticides	39.48
4.	300	Tyre and tube industries	32.36
5.	285	Printing and publishing of periodicals, books and journals	23.63
6.	973	Repair of motor vehicles and motor cycles	11.26
7.	271	Sawing and planing of wood (other than plywood)	11.20
8.	276	Manufacture of wooden furniture and fixtures	2.52
		Other industries	746.96
		Total	<u>1,375.14</u>

TABLE 3.8.5

Arrangement of industries according to outstanding loans

District: Kottayam

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	302	Manufacture of rubber products (n.e.c.)	124.08
2.	300	Tyre and tube industries	60.13
3.	270	Manufacture of veneer, plywood and their products	30.60
4.	285	Printing and publishing of periodicals, books and journals	9.63
5.	311	Manufacture of fertilizers and pesticides	4.38
6.	276	Manufacture of wooden furniture and fixtures	3.10
7.	271	Sawing and planing of wood (other than plywood)	1.64
8.	973	Repair of motor vehicles and motor cycles	0.73
		Other industries	385.29
		Total	619.53

TABLE 3.8.6

Arrangement of industries according to all workers

District: Kottayam

Sl. No.	Code	Name of industry	All workers (No.)
1	2	3	4
1.	302	Manufacture of rubber products (n.e.c.)	1268
2.	271	Sawing and planing of wood (other than plywood)	412

i	2	3	4
3.	270	Manufacture of veneer, plywood and their products	364
4.	973	Repair of motor vehicles and motor cycles	302
5.	300	Tyre and tube industries	271
6.	285	Printing and publishing of periodicals, books and journals	265
7.	311	Manufacture of fertilizers and pesticides	73
8.	276	Manufacture of wooden furniture and fixtures	32
		Other industries	1261
		Total	<u>4248</u>

TABLE 3.8.7

Arrangement of industries according to all employees

District: Kottayam

Sl. No.	Code	Name of Industry	All employees (No.)
1.	302	Manufacture of rubber products (n.e.c.)	1630
2.	270	Manufacture of veneer, plywood and their products	486
3.	271	Sawing and planing of wood (other than plywood)	478
4.	300	Tyre and tube industries	451
5.	973	Repair of motor vehicles and motor cycles	360
6.	285	Printing and publishing of periodicals, books and journals	305
7.	311	Manufacture of fertilizers and pesticides	99
8.	276	Manufacture of wooden furniture and fixtures	43
		Other industries	1893
		Total	<u>5745</u>

TABLE 3.8.8

Arrangement of industries according to wages to workers

District: Kottayam

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1.	302	Manufacture of rubber products (n.e.c.)	40.23
2.	973	Repair of motor vehicles and motor cycles	18.24
3.	300	Tyre and tube industries	17.24
4.	270	Manufacture of veneer, plywood and their products	14.70
5.	285	Printing and publishing of periodicals, books and journals	8.91
6.	271	Sawing and planing of wood (other than plywood)	8.00
7.	311	Manufacture of fertilizers and pesticides	3.20
8.	276	Manufacture of wooden furniture and fixtures	0.93
		Other industries	83.66
		Total	195.11

TABLE 3.8.9

Arrangement of industries according to total emoluments

District: Kottayam

Sl. No.	Code	Name of industry	Total emoluments (Rs. in lakhs)
1	2	3	4
1.	302	Manufacture of rubber products (n.e.c.)	65.78
2.	300	Tyre and tube industries	35.22
3.	973	Repair of motor vehicles and motor cycles	24.11

1	2	3	4
4.	270	Manufacture of veneer, plywood and their products	23.07
5.	285	Printing and publishing of periodicals, books and journals	11.39
6.	271	Sawing and planing of wood (other than plywood)	10.65
7.	311	Manufacture of fertilizers and pesticides	7.06
8.	276	Manufacture of wooden furniture and fixtures	1.27
		Other industries	159.18
		Total	<u>337.73</u>

TABLE 3.8.10

Arrangement of industries according to average wage per worker

District: Kottayam

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1.	300	Tyre and tube industries	6361.62
2.	973	Repair of motor vehicles and motor cycles	6039.74
3.	311	Manufacture of fertilizers and pesticides	4383.56
4.	270	Manufacture of veneer, plywood and their products	4038.46
5.	302	Manufacture of rubber products (n.e.c.)	3172.71
6.	285	Printing and publishing of periodicals, books and journals	3362.26
7.	276	Manufacture of wooden furniture and fixtures	2906.25
8.	271	Sawing and planing of wood (other than plywood)	1941.75
		Other industries	6634.42
		All industries	<u>4592.98</u>

TABLE 3.8.11

Arrangement of industries according to average wages etc.

District: Kottayam

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee Rs.
1.	300	Tyre and tube industries	7,809.31
2.	311	Manufacture of fertilizers and pesticides	7,131.31
3.	973	Repair of motor vehicles and motor cycles	6,697.22
4.	270	Manufacture of veneer, plywood and their products	4,746.91
5.	302	Manufacture of rubber products, (n.e.c.)	4,035.58
6.	285	Printing and publishing of periodicals, books and journals	3,734.43
7.	276	Manufacture of wooden furniture and fixtures	2,953.49
8.	271	Sawing and planing of wood (other than plywood)	2,228.03
		Other industries	8,408.87
		All industries	<u>5,878.68</u>

TABLE 3.8.12

Arrangement of industries according to total input

District: Kottayam

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1	2	3	4
1.	302	Manufacture of rubber products (n.e.c.)	1,874.23
2.	311	Manufacture of fertilizers and pesticides	287.84

1	2	3	4
3.	300	Tyre and tube industries	99.88
4.	270	Manufacture of veneer, plywood and their products	91.38
5.	973	Repair of motor vehicles and motor cycles	54.54
6.	271	Sawing and planing of wood (other than plywood)	45.47
7.	285	Printing and publishing of periodicals, books and journals	14.85
8.	276	Manufacture of wooden furniture and fixtures	3.68
		Other industries	774.13
		Total	<u>3,246.00</u>

TABLE 3.8.13

Arrangement of industries according to total output

District: Kottayam

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	302	Manufacture of rubber products (n.e.c.)	2085.48
2.	311	Manufacture of fertilizers and pesticides	307.61
3.	270	Manufacture of veneer, plywood and their products	133.46
4.	300	Tyre and tube industries	116.60
5.	973	Repair of motor vehicles and motor cycles	66.09
6.	271	Sawing and planing of wood	61.50
7.	285	Printing and publishing of periodicals, books and journals	28.19
8.	276	Manufacture of wooden furniture and fixtures	6.23
		Other industries	1085.61
		Total	<u>3890.77</u>

TABLE 3.8.14

Arrangement of industries according to value added

District: Kottayam

Sl. No.	Code	Name of industry	value added (Rs. in lakhs)
1.	302	Manufacture of rubber products (n.e.c.)	184.85
2.	270	Manufacture of veneer, plywood and their products	39.61
3.	311	Manufacture of fertilizers and pesticides	19.49
4.	271	Sawing and planing of wood (other than plywood)	15.49
5.	300	Tyre and tube industries	13.38
6.	285	Printing and publishing of periodicals, books and journals	11.76
7.	973	Repair of motor vehicles and motor cycles	10.81
8.	276	Manufacture of wooden furniture and fixtures	2.49
		Other industries	281.30
		Total	579.18

TABLE 3.8.15

Arrangement of industries according to net income

District: Kottayam

Sl. No.	Code	Name of industry	Net Income (Rs. in lakhs)
1	2	3	4
1.	302	Manufacture of rubber products (n.e.c.)	161.38
2.	270	Manufacture of veneer, plywood and their products	33.67

1	2	3	4
3.	311	Manufacture of fertilizers and pesticides	19.16
4.	271	Sawing and planing of wood (other than plywood)	14.83
5.	973	Repair of motor vehicles and motor cycles	10.64
6.	285	Printing and publishing of periodicals, books and journals	10.47
7.	276	Manufacture of wooden furniture and fixtures	2.42
8.	300	Tyre and tube industries	(-)0.82
		Other industries	226.62
		Total	<u>478.37</u>

TABLE 3.9.0

Arrangement of industries according to No. of units

District: Idukki

Sl. No.	Code	Name of industry	No. of units
1.	212	Tea processing	71
2.	302	Manufacture of rubber products—Others	4
3.	271	Sawing and planing of woods	3
4.	973	Repair of motor vehicles	3
		Others	8
		All	<u>89</u>

TABLE 3.9.1

Arrangement of industries according to working capital

District: Idukki

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1.	212	Tea processing	163.94
2.	973	Repair of motor vehicles	9.52
3.	302	Manufacture of rubber products—Other	4.89
4.	271	Sawing and planing of wood	0.08
		Others	12.85
		All	<u>191.28</u>

TABLE 3.9.2.

Arrangement of industries according to fixed capital

District: Idukki

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1.	212	Tea processing	297.38
2.	973	Repair of motor vehicles	12.58
3.	302	Manufacture of rubber products— Others	7.31
4.	271	Sawing and planing of wood Others	0.55 29.12
		All	346.94

TABLE 3.9.3.

Arrangement of industries according to productive capital

District: Idukki

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1.	212	Tea processing	461.22
2.	937	Repair of motor vehicles	22.08
3.	302	Manufacture of rubber products—Others	12.20
4.	271	Sawing and planing of wood Others	0.64 42.07
		All	538.21

TABLE 3.9.4

Arrangement of industries according to invested capital

District : Idukki

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)
1.	212	Tea processing	472.36
2.	973	Repair of motor vehicles	20.95
3.	302	Manufacture of rubber products— Others	11.97
4.	271	Sawing and planing of wood— Others	0.61 43.17
		All	549.06

TABLE 3.9.5

Arrangement of industries according to outstanding loans

District: Idukki

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	212	Tea processing	5.82
2.	973	Repair of motor vehicles	0.69
3.	271	Sawing and planing of wood	0.42
		Others	12.13
		All	<u>19.06</u>

TABLE 3.9.6

Arrangement of industries according to all workers

District: Idukki

Sl. No.	Code	Name of Industry	All workers (No.)
1.	212	Tea processing	3176
2.	973	Repair of motor vehicles	117
3.	302	Manufacture of rubber products— Others	91
4.	271	Sawing and planing of wood Others	68 221
		All	<u>3673</u>

TABLE 3.9.7

Arrangement of industries according to all employees

District: Idukki

Sl. No.	Code	Name of industry	All employees (No.)
1.	212	Tea processing	3577
2.	973	Repair of motor vehicles	161
3.	302	Manufacture of rubber products— others	97
4.	271	Sawing and planing of wood Others	75 285
		All	<u>4195</u>

TABLE 3.9.8

Arrangement of industries according to wages to workers

District: Idukki

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1.	212	Tea processing	71.34
2.	973	Repair of motor vehicles	5.86
3.	302	Manufacture of rubber products— Others	2.27
4.	271	Sawing and planing of wood	1.35
		Others	8.10
		All	<u>88.92</u>

TABLE 3.9.9

Arrangement of industries according to total emoluments

District: Idukki

Sl. No.	Code	Name of industry	Total emoluments (Rs. in lakhs)
1.	212	Tea processing	109.67
2.	973	Repair of motor vehicles	13.08
3.	302	Manufacture of rubber products— Others	2.91
4.	271	Sawing and planing of wood	1.78
		Others	13.10
		All	<u>140.54</u>

TABLE 3.9.10

**Arrangement of industries according to average wages
per worker**

District : Idukki

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1.	973	Repair of motor vehicles	5008.55
2.	302	Manufacture of rubber products— Others	2494.50
3.	212	Tea processing	2246.22
4.	271	Sawing and planing of wood Others	1985.29 3665.16
		All	2420.91

TABLE 3.9.11

**Arrangement of industries according to average wages,
salaries and other benefits per employee**

District : Idukki

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee (Rs.)
1.	973	Repair of motor vehicles	8124.22
2.	212	Tea processing	3065.98
3.	302	Manufacture of rubber products— Others	3000.00
4.	271	Sawing and planing of wood Others	2373.33 4596.49
		All	3350.18

TABLE 3.9.12

Arrangement of Industries according to total input

District: Idukki

Sl. No.	Code	Name of Industry	Total input (Rs. in lakhs)
1.	212	Tea processing	1998.29
2.	302	Manufacture of rubber products— Others	51.96
3.	973	Repair of motor vehicles	13.02
4.	271	Sawing and planing of wood Others	7.00 65.93
		All	<u>2,136.20</u>

TABLE 3.9.13

Arrangement of Industries according to total output

District: Idukki

Sl. No.	Code	Name of Industry	Total output (Rs. in lakhs)
1.	212	Tea processing	2,573.48
2.	302	Manufacture of rubber products— Others	79.76
3.	973	Repair of motor vehicles	29.93
4.	271	Sawing and planing of wood Others	9.48 68.34
		All	<u>2,760.99</u>

TABLE 3.9.14

Arrangement of Industries according to value added

District: Idukki

Sl. No.	Code	Name of Industry	Value added (Rs. in lakhs)
1.	212	Tea processing	544.56
2.	302	Manufacture of rubber products— Others	27.19
3.	973	Repair of motor vehicles	16.77
4.	271	Sawing and planing of wood	2.43
		Others	1.19
		All	<u>592.14</u>

TABLE 3.9.15

Arrangement of Industries according to net income

District: Idukki

Sl. No.	Code	Name of industry	Net income (Rs. in lakhs)
1.	212	Tea processing	536.88
2.	302	Manufacture of rubber products— Others	27.19
3.	973	Repair of motor vehicles	16.75
4.	271	Sawing and planing of wood	2.31
		Others	(-)0.31
		All	<u>582.82</u>

TABLE 3.10.0

Arrangement of Industries according to number of units

District: Ernakulam

Sl. No.	Code	Name of industry	No. of units (No.)
1	2	3	4
1.	271	Sawing and planing of wood	48
2.	203	Canning, preserving and processing of fish, crustacea and similar foods	27
3.	285	Printing and publishing of periodicals, books and journals	21
4.	320	Manufacture of structural clay products	20
5.	340	Manu: of metal cans and tin plate	16
6.	370	Ship building and repairing	14
7.	310	Manu: of basic organic and inorganic chemicals and gases	12
8.	973	Repair of motor vehicles and motor cycles	11
9.	341	Manu: of structural metal products	8
10.	331	Casting and forging iron and steel	7
11.	268	Manu: of coir and coir products	6
12.	276	Manu: of wooden furniture and fixtures	5
13.	300	Tyre and tube industries	5
14.	311	Manu: of fertilizers and pesticides	5
15.	316	Manu: of turpentine	5
16.	231	Cotton spinning and weaving in mills	4
17.	281	Manu: of containers and boxes of paper and paper board	4
18.	302	Manu: rubber products	4
19.	360	Manu: of electrical industrial machinery and apparatus and parts	4
20.	202	Canning and preservation of fruit and vegetables	3
21.	204	Grain mill products	3
22.	211	Manu: of other edible oils and fats	3
23.	214	Cashewnut processing	3
24.	284	Printing and publishing of news paper	3

1	2	3	4
25.	289	Printing of picture and post cards	3
26.	303	Manu: of plastic products	3
27.	314	Manu: of perfumes and lotions	3
28.	335	Aluminium manufacturing	3
29.	343	Manu: of hand tools and hardware	3
30.	345	Manu: of metal utensils, cutlery and kitchenware	3
31.	361	Manu: of insulated wires and cables	3
32.	380	Manu: of medical, surgical and scientific equipments	3
33.		Other industries	3
		Total	<u>316</u>

TABLE 3.10.1

Arrangement of industries according to fixed capital

District: Ernakulam

Sl. No.	Code	Name of Industry	Fixed capital (Rs. in lakhs)
1	2	3	4
1.	311	Manu: of fertilisers and pesticides	6,478.27
2.	310	Manu: of organic and inorganic chemicals	1,825.42
3.	360	Manu: of electrical industrial machinery and apparatus and parts	453.90
4.	300	Tyre and tube industries	332.39
5.	335	Aluminium manufacturing	309.71
6.	231	Cotton spinning and weaving in mills	234.06
7.	361	Manu: of insulated wires and cables	216.69
8.	203	Canning, preserving, processing and of fish and similar foods	182.83
9.	314	Manu: of perfumes and lotions	137.24
10.	340	Manu: of metal cans and tin plate	101.93
11.	331	Casting and forging of iron and steel	78.00
12.	341	Manu: of structural metal products	56.20
13.	320	Manu: of structural clay products	52.41
14.	302	Manu: of rubber products (n.e.c.)	45.05

1	2	3	4
15.	285	Printing and publishing of periodicals, books and journals	39.36
16.	316	Manu: of turpentine	30.80
17.	271	Sawing and planing of wood	25.57
18.	370	Ship building and repairing	24.68
19.	380	Manu: of medical, surgical and scientific equipments	23.45
20.	281	Manu: of containers and boxes of paper and paper boards	14.76
21.	973	Repair of motor vehicles and motor cycles	14.40
22.	204	Grain mill products	14.24
23.	284	Printing and publishing of news paper	11.31
24.	202	Canning, preservation of fruits and vegetables	8.97
25.	343	Manu: of hand tools and general hardware	7.18
26.	303	Manu: of plastic products (n.e.c.)	6.49
27.	276	Manu: of wooden furniture and fixtures	6.58
28.	211	Manu: of other edible oils	5.45
29.	345	Manu: of metal utensils, cutlery and kitchenware	5.35
30.	268	Manu: of coir and coir products	4.92
31.	214	Cashewnut processing	2.75
32.	289	Printing of picture and post cards	1.52
33.		Other industries	3,428.58
		Total	14,180.56

TABLE 3.10.2

Arrangement of Industries according to working capital

District: Ernakulam

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1	2	3	4
1.	311	Manufacture of fertilizers and pesticides	742.35
2.	300	Tyre and tube industries	638.36
3.	360	Manu: of electrical industrial machinery, apparatus and parts	552.41
4.	310	Manu: of organic and inorganic chemicals	457.77
5.	361	Manu: of insulated wires and cables	222.45
6.	314	Manu: of perfumes and lotions	207.19
7.	341	Manu: of structural metal products	152.41
8.	340	Manu: of metal cans and tin plate	90.55
9.	231	Cotton spinning and weaving in mills	62.62
10.	203	Canning, preserving and processing of similar foods	54.27
11.	320	Manu: of structural clay products	33.40
12.	331	Casting and forging of iron and steel	31.03
13.	284	Printing and publishing of news paper	29.06
14.	276	Manu: of wooden furniture and fixtures	26.64
15.	214	Cashewnut processing	18.21
16.	316	Manu: of turpentine	17.93
17.	370	Ship building and repairing	14.74
18.	271	Sawing and planing of wood	13.92
19.	285	Printing and publishing of periodicals, books and journals	11.39
20.	268	Manu: of coir and coir products	9.12
21.	211	Manufacture of other edible oils	4.81
22.	202	Canning and preserving of fruit and vegetables	4.10

1	2	3	4
23.	973	Repair of motor vehicles and motor cycles	3.69
24.	281	Manu: of containers and boxes of paper and paper board	2.85
25.	335	Aluminium manufacturing	2.71
26.	343	Manu: of hand tools and general hardware	2.36
27.	302	Manu: of rubber products	1.74
28.	303	Manu: of plastic products	1.43
29.	289	Printing of pictures and post cards	0.94
30.	204	Grain mill products	(-) 0.87
31.	345	Manu: of metal utensils, cutlery and kitchenware	(-) 1.47
32.	380	Manu: of medical, surgical, and scientific equipments	7.39
33.		Other industries	2,432.39
		Total	5,823.11

TABLE 3.10.3

Arrangement of Industries according to productive capital

District: Ernakulam

Sl. No.	Code	Name of industry	Productive Capital (Rs. in lakhs)
1	2	3	4
1.	311	Manu: of fertilizers and pesticides	7220.62
2.	310	Manu: of organic and inorganic chemicals	2,283.17
3.	360	Manu: of electrical industrial machinery, apparatus and parts	1,006.31
4.	300	Tyre and tube industries	970.75
5.	361	Manu: of insulated wires and cables	439.14
6.	314	Manu: of perfumes and lotions	344.44
7.	335	Aluminium manufacturing	312.42
8.	231	Cotton spinning and weaving in mills	296.68

1	2	3	4
9.	203	Canning, preserving and processing of fish and similar foods	237.08
10.	341	Manu: of structural metal products	198.60
11.	340	Manu: of metal cans and tin plate	192.47
12.	331	Casting and forging of iron and steel	109.00
13.	320	Manu: of structural clay products	85.81
14.	285	Printing and publishing of periodicals, books and journals	50.75
15.	316	Manu: of turpentine	48.74
16.	302	Manu: of rubber products	46.79
17.	284	Printing and publishing of periodicals, books and journals	40.37
18.	271	Sawing and planing of wood	39.50
19.	370	Ship building and repairing	39.41
20.	276	Manu: of wooden furniture and fixtures	33.22
21.	214	Cashewnut processing	20.97
22.	973	Repair of motor vehicles and motor cycles	18.08
23.	281	Manu: of container and boxes of paper and paperboard	17.61
24.	380	Manu: of medical, surgical and scientific equipments	16.06
25.	204	Grain mill products	13.34
26.	202	Canning and preservation of fruits and vegetables	13.07
27.	268	Manu: of coir and coir products	14.04
28.	211	Manu: of other edible oils	10.26
29.	343	Manu: of handtools and general hardware	9.54
30.	303	Manu: of plastic products	7.92
31.	345	Manu: of metal utensils, cutlery and kitchenware	3.88
32.	289	Printing of picture and post cards	2.46
33.		Other industries	5,861.08
		Total	20,003.66

TABLE 3.10.4

Arrangement of industries according to invested capital

District: Ernakulam

Sl. No.	Code	Name of Industry	Invested capital (Rs. in lakhs)
1	2	3	4
1.	311	Manufacture of fertilizers and pesticides	7,865.15
2.	310	Manu: of organic and inorganic chemicals	2,436.48
3.	300	Tyre and tube industries	882.96
4.	360	Manu: of electrical industrial machinery, apparatus and parts	860.93
5.	314	Manu: of perfumes and lotions	759.64
6.	335	Aluminium manufacturing	581.44
7.	231	Cotton spinning and weaving in mills	457.52
8.	361	Manu: of insulated wires and cables	419.83
9.	203	Canning, preserving and processing of fish and similar foods	298.44
10.	314	Manu: of structural metal products	260.33
11.	340	Manu: of metal cans and tin plate	172.46
12.	331	Casting and forging of iron and steel	144.70
13.	370	Ship building and repairing	130.23
14.	320	Manu: of structural clay products	83.86
15.	302	Manu: of rubber products	64.83
16.	285	Printing of picture post cards	53.91
17.	316	Manu: of turpentine	49.15
18.	271	Sawing and planing of wood	40.87
19.	284	Printing and publishing of news paper	37.99
20.	380	Manu: of medical, surgical and scientific equipments	35.45
21.	281	Manu: of container and boxes of paper and paper board	27.46
22.	276	Manu: of wooden furniture and fixtures	25.26

1	2	3	4
23.	202	Canning, preserving of fruits and vegetables	20.54
24.	214	Cashewnut processing	17.24
25.	973	Repair of motor vehicles and motor cycles	17.22
26.	343	Manu: of hand tools and general hardware	14.84
27.	204	Grain mill products	14.40
28.	268	Manu: of coir and coir products	13.21
29.	211	Manu: of other edible oils	10.60
30.	303	Manu: of plastic products	9.03
31.	345	Manu: of metal utensils, cutlery and kitchenware	6.93
32.	289	Printing of picture post cards	2.70
33.		Other industries	8,565.90
		Total	24,381.50

TABLE 3.10.5

Arrangement of industries according to outstanding loans

District: Ernakulam

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1	2	3	4
1.	311	Manufacture of fertilizers and pesticides	3,106.21
2.	310	Manu: of organic and inorganic chemicals	1,200.05
3.	314	Manu: of perfumes and lotions	618.72
4.	360	Manu: of electrical industrial machinery, apparatus and parts	336.86
5.	361	Manu: of insulated wires and cables	316.02
6.	203	Canning, preserving and processing of fish and similar foods	284.64
7.	300	Tyre and tube industries	270.67
8.	231	Cotton spinning and weaving in mills	181.04

1	2	3	4
9.	341	Manu: of structural metal products	163.35
10.	331	Casting and forging of iron and steel	121.96
11.	340	Manu: of metal cans and tin plate	79.65
12.	370	Ship building and repairing	62.83
13.	284	Printing and publishing of news paper	41.36
14.	302	Manu: of rubber products	31.91
15.	380	Manu: of medical, surgical and scientific equipments	26.24
16.	335	Aluminium manufacturing	25.82
17.	320	Manu: of structural clay products	23.77
18.	316	Manu: of turpentine	23.37
19.	271	Sawing and planing of wood	17.82
20.	281	Manu: of container and boxes of paper and paper board	17.30
21.	343	Manu: of hand tools and general hardware	12.95
22.	285	Printing and publishing of periodicals, books and journals	12.70
23.	202	Canning and preservation of fruits and vegetables	12.57
24.	204	Grain mill products	11.67
25.	214	Cashewnut processing	7.91
26.	268	Manu: of coir and coir products	7.39
27.	276	Manu: of wooden furniture and fixtures	7.21
28.	211	Manu: of other edible oils	6.02
29.	345	Manu: of metal utensils, cutlery and kitchenware	3.31
30.	303	Manu: of plastic products	2.67
31.	973	Repair of motor vehicles and motor cycles	1.07
32.	289	Printing of picture post cards	0.83
33.		Other industries	2,720.51
		Total	9,756.40

TABLE 3.10.6
Arrangement of industries according to all workers

District: Ernakulam

Sl. No.	Code	Name of industry	All workers (No.)
1	2	3	4
1.	311	Manu: of fertilizers and pesticides	3199
2.	231	Cotton spinning and weaving in mills	1562
3.	310	Manu: of organic and inorganic chemicals	1234
4.	370	Ship building and repairing	1221
5.	271	Sawing and planing of wood	981
6.	320	Manu: of structural clay products	901
7.	203	Canning, preserving and processing of fish and similar foods	858
8.	335	Aluminium manufacturing	791
9.	360	Manu: of electrical industrial machinery, apparatus and parts	762
10.	314	Manu: of perfumes and lotions	634
11.	300	Tyre and tube industries	632
12.	361	Manu: of insulated wires and cables	475
13.	214	Cashewnut processing	460
14.	285	Printing and publishing of periodicals, books and journals	434
15.	340	Manu: of metal cans and tin plate	429
16.	973	Repair of motor vehicles and motor cycles	373
17.	341	Manu: of structural metal products	306
18.	284	Printing and publishing of newspaper	270
19.	331	Casting and forging of iron and steel	263
20.	268	Manu: of coir and coir products	179
21.	276	Manu: of wooden furniture and fixtures	162
22.	302	Manu: of rubber products	98
23.	380	Manu: of medical, surgical and scientific equipments	95
24.	204	Grain mill products	75
25.	303	Manu: of plastic products	65

1	2	3	4
26.	281	Manu: of container and boxes of paper and paper board	51
27.	343	Manu: Of Hand tools and general hardware	47
28.	316	Manu: of turpentine	45
29.	345	Manu: of metal utensils, cutlery and kitchenware	39
30.	211	Manu: of other edible oils	38
31.	202	Canning and preservation of fruits and vegetables	33
32.	289	Printing of picture post cards	23
33.		Other industries	5403
		Total	22188

TABLE 3.10.7

Arrangement of industries according to all employees

District: Ernakulam

Sl. No.	Code	Name of industry	All employees (No.)
1	2	3	4
1.	311	Manufacture of fertilizers and pesticides	4275
2.	310	Manu: of organic and inorganic chemicals	1861
3.	231	Cotton spinning and weaving in mills	1690
4.	370	Ship building and repairing	1368
5.	203	Canning, preserving and processing of fish and similar foods	1277
6.	271	Sawing and planing of wood	1116
7.	360	Manu: of electrical industrial machinery, apparatus and parts	1094
8.	320	Manu: of structural clay products	1023
9.	335	Aluminium manufacturing	1023
10.	300	Tyre and tube industries	963
11.	314	Manu: of perfumes and lotions	892
12.	361	Manu: of insulated wires and cables	681

1	2	3	4
13.	340	Manu: of metal cans and tin plate	612
14.	285	Printing and publishing of periodicals, books and journals	523
15.	214	Cashewnut processing	476
16.	284	Printing and publishing of newspaper	457
17.	341	Manu: of structural metal products	442
18.	973	Repair of motor vehicles and motor cycles	430
19.	331	Casting and forging of iron and steel	353
20.	268	Manu: of coir and coir products	218
21.	276	Manu: of wooden furniture and fixtures	208
22.	380	Manu: of medical, surgical and scientific equipments	149
23.	302	Manu: of rubber products	141
24.	204	Grain mill products	101
25.	303	Manu: of plastic products	74
26.	316	Manu: of turpentine	71
27.	281	Manu: of containers and boxes of paper and paper board	65
28.	343	Manu: of hand tools and general hardware	65
29.	202	Canning, preservation of fruits and vegetables	57
30.	345	Manu: of metal utensils, cutlery and kitchenware	53
31.	211	Manu: of other edible oils	50
32.	289	Printing of picture post cards	30
33.		Other industries	7853
		Total	<u>29692</u>

TABLE 3.10.8

Arrangement of industries according to wages to workers

District: Ernakulam

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1	2	3	4
1.	311	Manu: of fertilizers and pesticides	335.55
2.	310	Manu: of organic and inorganic chemicals	114.53
3.	335	Aluminium manufacturing	93.23
4.	231	Cotton spinning and weaving in mills	90.69
5.	300	Tyre and tube industries	74.78
6.	314	Manu: of perfumes and lotions	71.93
7.	370	Ship building and repairing	71.09
8.	360	Manu: of electrical industrial machinery and apparatus and parts	59.47
9.	361	Manu: of insulated wires and cables	36.11
10.	320	Manu: of structural clay products	28.04
11.	285	Printing and publishing of periodicals, books and journals	25.66
12.	341	Manu: of structural metal products	23.45
13.	203	Canning, preserving and processing of fish and similar foods	22.86
14.	271	Sawing and planing of wood	18.32
15.	340	Manu: of metal cans and tin plate	18.16
16.	973	Repair of motor vehicles and motor cycles	17.01
17.	331	Casting and forging of iron and steel	13.37
18.	284	Printing and publishing of newspaper	13.31
19.	276	Manu: of wooden furniture and fixtures	9.75
20.	214	Cashewnut processing	7.47
21.	380	Manu: of medical, surgical and scientific equipments	5.49
22.	268	Coir and coir products	4.78
23.	302	Manu: of rubber products	4.64

1	2	3	4
24.	343	Manufacture of hand tools and general hardware	2.97
25.	204	Grain mill products	4.64
26.	281	Manu: of containers and boxes of paper and paper board	1.84
27.	316	Manu: of turpentine	1.50
28.	345	Manu: of metal utensils, cutlery and kitchenware	1.35
29.	303	Manu: of plastic products	1.18
30.	211	Manu: of other edible oils	0.92
31.	289	Printing of picture and post cards	0.56
32.	202	Canning and preservation of fruits and vegetables	0.45
33.		Other industries	366.22
		Total	<u>1,538.81</u>

TABLE 3.10.9

Arrangement of industries according to total emoluments

District: Ernakulam

Sl. No.	Code	Name of industry	Total emoluments (Rs. in lakhs)
1	2	3	4
1.	311	Manufacture of fertilizers and pesticides	531.79
2.	310	Manu: of organic and inorganic chemicals	220.91
3.	300	Tyre and tube industries	172.10
4.	335	Aluminium manufacturing	170.82
5.	231	Cotton spinning and weaving in mills	129.31
6.	314	Manu: of perfumes and lotions	120.48
7.	360	Manu: of electrical industrial machinery and apparatus and parts	106.28
8.	370	Ship building and repairing	88.35
9.	361	Manu: of insulated wires and cables	72.79

1	2	3	4
10.	203	Canning, preserving and processing of fish and similar foods	48.77
11.	341	Manu: of structural metal products	39.86
12.	320	Manu: of structural clay products	34.81
13.	285	Printing and publishing of periodicals, books and journals	31.02
14.	340	Manu: of metal cans and tin plate	30.90
15.	284	Printing and publishing of newspaper	27.14
16.	271	Sawing and planing of wood	24.17
17.	973	Repair of motor vehicles and motor cycles	23.26
18.	331	Casting and forging of iron and steel	223.11
19.	276	Manu: of wooden furniture and fixtures	14.03
20.	380	Manu: of medical, surgical and scientific equipment	10.88
21.	214	Cashewnut processing	9.52
22.	302	Manu: of rubber products	8.03
23.	268	Manu: of coir and coir products	5.98
24.	343	Manu: of hand tools and general hardware	4.01
25.	204	Grain mill products	3.60
26.	281	Manu: of containers and boxes of paper and paper board	3.43
27.	316	Manu: of turpentine	3.31
28.	345	Manu: of metal utensils, cutlery and kitchenware	2.36
29.	211	Manu: of other edible oils	1.76
30.	303	Manu: of plastic products	1.55
31.	202	Canning and preservation of fruits and vegetables	1.22
32.	289	Printing of picture and post cards	0.69
33.		Other industries	731.66
		Total	<u>2,697.90</u>

TABLE 3.10.10

Arrangement of industries according to average wage per worker

District: Ernakulam

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1	2	3	4
1.	300	Tyre and tube industries	11,832.28
2.	335	Aluminium manufacturing	11,786.35
3.	314	Manu: of perfumes and lotions	10,516.08
4.	311	Manu: of fertilisers and pesticides	10,489.22
5.	310	Manu: of organic and inorganic chemicals	9,289.30
6.	360	Manu: of electrical industrial machinery and apparatus and parts	7,804.46
7.	341	Manu: of structural metal products	7,663.40
8.	361	Manu: of insulated wires and cables	7,602.11
9.	343	Manufacture of hand tools and general hardware	6,319.15
10.	276	Manu: of wooden furniture and fixtures	6,018.52
11.	285	Printing and publishing of periodicals, books and journals	5,912.44
12.	370	Ship building and repairing	5,822.28
13.	231	Cotton spinning and weaving in mills	5,806.02
14.	380	Manu: of medical, surgical and scientific equipments	5,778.95
15.	331	Casting and forging of iron and steel	5,083.65
16.	284	Printing and publishing of newspaper	4,929.63
17.	302	Manu: of rubber products	4,734.69
18.	973	Repair of motor vehicles and motor cycles	4,560.32
19.	340	Manu: of metal cans and tin plate	4,233.10
20.	281	Manu: of container and boxes of paper and paper board	3,607.84
21.	345	Manu: of metal utensils, cutlery and kitchenware	3,461.54

1	2	3	4
22.	316	Manu: of Turpentine	3,333.33
23.	320	Manu: of structural clay products	3,112.10
24.	204	Grain mill products	2,840.00
25.	203	Canning, preserving and processing of fish and similar foods	2,664.34
26.	268	Manu: of coir and coir products	2,659.22
27.	289	Printing of picture and post cards	2,434.78
28.	211	Manu: of other edible oils	2,421.05
29.	271	Sawing and planing of wood	1,867.48
30.	303	Manu: of plastic products	1,815.38
31.	214	Cashewnut processing	1,623.91
32.	202	Canning and preservation of fruits and vegetables	1,363.64
33.		Other industries	6,778.46
		All industries	6,935.33

TABLE 3.10.11

**Arrangement of industries according to average wages,
salaries and other benefits per employee**

District: Ernakulam

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee (Rs.)
1	2	3	4
1.	300	Tyre and tube industries	17,871.23
2.	335	Aluminium manufacturing	16,697.95
3.	314	Manufacture of perfumes and lotions	13,506.72
4.	311	Manufacture of fertilizers and pesticides	12,439.53
5.	310	Manufacture of organic and inorganic chemicals	11,871.50

1	2	3	4
6.	361	Manufacture of insulated wires and cables	10,689.69
7.	360	Manufacture of electrical industrial machinery apparatus and parts	9,714.81
8.	341	Manufacture of structural metal products	9,018.10
9.	231	Cotton Spinning and weaving in mills	7,651.48
10.	380	Manufacture of medical, surgical and scientific equipments	7,302.01
11.	276	Manufacture of wooden furniture and fixtures	6,745.19
12.	331	Casting and forging of iron and steel	6,546.74
13.	370	Ship building and repairing	6,458.33
14.	343	Manufacture of handtools and general hardware	6,169.23
15.	284	Printing and publishing of news paper	5,939.73
16.	285	Printing and publishing of periodicals, books and journals	5,931.17
17.	302	Manufacture of Rubber products	5,695.04
18.	973	Repairing of motor vehicles and motor cycles	5,409.30
19.	281	Manufacture of containers and boxes of paper and paper board	5,196.97
20.	340	Manufacture of metal cans and tin plates	5,049.02
21.	316	Manufacture of Turpentine	4,662.97
22.	345	Manufacture of metal utensils, cutlery and kitchenware	4,453.83
23.	203	Canning, preserving and processing of fish and similar foods	3,819.11
24.	204	Grain mill products	3,564.36
25.	211	Manufacture of other edible oils	3,520.00
26.	320	Manufacture of structural clay products	3,402.74
27.	268	Manufacture of coir and coir products	2,743.12
28.	289	Printing of pictures and post cards	2,300.00

1	2	3	4
29.	271	Sawing and planing of wood	2,165.77
30.	202	Canning and preservation of fruits and vegetables	2,140.35
31.	303	Manufacture of plastic products	2,094.59
32.	214	Cashewnut processing	2,000.00
33.		Other industries	9,316.95
		All industries	<u>9,086.29</u>

TABLE 3.10.12

Arrangement of industries according to total input

District: Ernakulam

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1	2	3	4
1.	311	Manufacture of fertilizers and pesticides	4,061.68
2.	300	Tyre and tube industries	1,877.91
3.	314	Manufacture of perfumes and lotions	1,727.65
4.	335	Aluminium manufacturing	1,105.74
5.	203	Canning, preserving and processing of fish and similar foods	1,079.36
6.	310	Manufacture of organic and inorganic chemicals	1,014.39
7.	231	Cotton spinning and weaving in mills	730.41
8.	361	Manufacture of insulated wires and cables	717.29
9.	360	Manufacture of electrical industrial machinery apparatus and parts	633.95
10.	340	Manufacture of metal cans and tin plate	225.52
11.	271	Sawing and planing of wood	152.83
12.	284	Printing and publishing of Newspaper	130.54
13.	331	Casting and forging of iron and steel	124.85
14.	211	Manufacture of other edible oils	117.89
15.	214	Cashewnut processing	99.64

1	2	3	4
16.	341	Manufacture of structural metal products	90.84
17.	370	Ship building and repairing	78.08
18.	973	Repair of motor vehicles and motor cycles	69.37
19.	316	Manufacture of Turpentine	59.83
20.	281	Manufacture of containers and boxes of paper and paper boards	56.38
21.	320	Manufacture of Structural clay products	55.46
22.	276	Manufacture of wooden furniture and fixtures	51.46
23.	302	Manufacture of rubber products	47.53
24.	380	Manufacture of medical, surgical and scientific equipments	41.79
25.	204	Grain mill products	40.72
26.	285	Printing and publishing of periodicals, books and journals	26.08
27.	268	Manufacture of coir and coir products	25.31
28.	343	Manufacture of handtools and general hardware	16.69
29.	202	Canning and preservation of fruits and vegetables	16.06
30.	303	Manufacture of Plastic products	13.01
31.	289	Printing of pictures and post cards	3.87
32.	345	Manufacture of metal utensils, cutlery and kitchenware	3.54
33.		Other industries	20,555.87
Total			35,051.54

TABLE 3.10.13

Arrangement of industries according to total output

District: Ernakulam

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1	2	3	4
1.	311	Manufacture of fertilizers and pesticides	5,944.45
2.	300	Tyre and tube industries	2,485.24
3.	314	Manufacture of perfumes and lotions	2,373.99
4.	310	Manufacture of organic and inorganic chemicals	1,670.12
5.	335	Aluminium manufacturing	1,528.28
6.	203	Canning, preserving and processing of fish and similar foods	1,236.21
7.	361	Manufacture of insulated wires and cables	1,011.42
8.	360	Manufacture of electrical industrial machinery, apparatus and parts	873.91
9.	231	Cotton spinning and weaving in mills	866.65
10.	340	Manufacture of metal cans and tin plates	266.15
11.	370	Ship building and repairing	191.89
12.	271	Sawing and planing of wood	191.63
13.	331	Casting and forging of iron and steel	184.79
14.	341	Manufacture of structural clay products	164.95
15.	284	Printing and publishing of news paper	155.91
16.	211	Manufacture of other edible oils	122.37
17.	214	Cashewnut processing	112.96
18.	973	Repairing of motor vehicles and motor cycles	105.66
19.	320	Manufacture of structural clay products	98.64
20.	276	Manufacture of wooden furniture and fixtures	74.07
21.	316	Manufacture of Turpentine	72.86
22.	302	Manufacture of rubber products	71.64

1	2	3	4
23.	285	Printing and publishing of periodicals, books and journals	68.06
24.	380	Manufacture of medical, surgical and scientific equipments	67.61
25.	281	Manufacture of containers and boxes of paper and paper board	67.28
26.	204	Grain mill products	56.10
27.	268	Manufacture of coir and coir products	38.37
28.	343	Manufacture of handtools and General hardware	25.11
29.	202	Canning and preservation of fruits and vegetables	17.29
30.	303	Manufacture of plastic products	14.52
31.	289	Printing of picture and post cards	5.82
32.	345	Manufacture of metal utensils, cutlery and kitchenware	4.61
33.		Other industries	21,247.64
		Total	<u>41,416.20</u>

TABLE 3.10.14

Arrangement of industries according to value added

District: Ernakulam

Sl. No.	Code	Name of industry	Value added (Rs. in lakhs)
1	2	3	4
1.	311	Manufacture of fertilizers and pesticides	1,283.59
2.	314	Manufacture of perfumes and lotions	629.90
3.	300	Tyre and tube industries	568.28
4.	310	Manufacture of organic and inorganic chemicals	499.64
5.	335	Aluminium manufacturing	385.82
6.	361	Manufacture of insulated wires and cables	241.66
7.	360	Manufacture of electrical industrial machinery and apparatus and parts	214.34

1	2	3	4
8.	203	Canning, preserving and processing of fish and similar foods	140.01
9.	370	Ship building and repairing	112.00
10.	231	Cotton spinning and weaving in mills	111.83
11.	341	Manufacture of structural metal products	66.61
12.	331	Casting and forging of iron and steel	56.43
13.	320	Manufacture of structural clay products	38.59
14.	271	Sawing and planing of wood	36.79
15.	285	Printing and Publishing of periodicals, Books and Journals	35.97
16.	340	Manufacture of metal cans and tin plates	34.84
17.	973	Repair of motor vehicles and motor cycles	33.82
18.	380	Manufacture of medical, surgical and Scientific equipments	24.71
19.	284	Printing and Publishing of News paper	23.10
20.	276	Manufacture of wooden furniture and fixtures	21.71
21.	302	Manufacture of Rubber products	18.70
22.	204	Grain mill products	14.15
23.	214	Cashewnut processing	13.12
24.	268	Manufacture of coir and coir products	12.83
25.	316	Manufacture of turpentine	9.84
26.	281	Manufacture of container and boxes of paper and paper board	9.57
27.	343	Manufacture of Handtools and General Hardware	7.74
28.	211	Manufacture of other edible oils	3.82
29.	289	Printing of picture and post cards	1.80
30.	303	Manufacture of plastic products	0.96
31.	345	Manufacture of metal utensils, cutlery and Kitchenware	0.91
32.	202	Canning and preservation of fruits and vegetables	0.48
33.		Other industries	322.12
		Total	4975.68

TABLE 3.10.15

Arrangement of industries according to net income

District: Ernakulam

Sl. No.	Code	Name of industry	Net income (Rs. in lakhs)
1	2	3	4
1.	311	Manufacture of fertilisers and pesticides	1062.57
2.	314	Manufacture of perfumes and lotions	628.79
3.	300	Tyre and tube industries	530.11
4.	310	Manufacture of organic and inorganic chemicals	410.04
5.	335	Aluminium manufacturing	383.45
6.	361	Manufacture of insulated wires and cables	175.88
7.	360	Manufacture of electrical industrial machinery and apparatus and parts	175.30
8.	370	Ship building and repairing	103.36
9.	203	Canning, preserving and processing of fish and similar foods	90.19
10.	231	Cotton Spinning and weaving in mills	72.18
11.	341	Manufacture of structural metal products	46.35
12.	320	Manufacture of structural clay products	36.52
13.	331	Casting and forging of iron and steel	34.74
14.	285	Printing and publishing of periodicals, books and journals	34.43
15.	271	Sawing and planing of wood	33.61
16.	973	Repair of motor vehicles and motor cycles	32.92
17.	340	Manufacture of metal cans and tin plate	21.97
18.	284	Printing and publishing of News paper	21.18
19.	276	Manufacture of wooden furniture and fixtures	20.89
20.	380	Manufacture of medical, surgical and scientific equipments	19.26
21.	268	Manufacture of coir and coir products	11.88
22.	204	Grain mill products	11.82
23.	302	Manufacture of rubber products	11.41
24.	214	Cashewnut processing	8.29

1	2	3	4
25.	281	Manufacture of container and boxes of paper and paper board	6.78
26.	343	Manufacture of Handtools and general hardware	5.99
27.	316	Manufacture of Turpentine	4.28
28.	211	Manufacture of other edible oils	2.33
29.	289	Printing of picture and post cards	1.55
30.	345	Manufacture of Metal utensils, cutlery and kitchenware	0.40
31.	303	Manufacture of plastic products	0.10
32.	202	Canning and preservation of fruits and vegetables	(—) 0.38
33.		Other Industries	(—) 158.96
		Total	<u>3840.27</u>

TABLE 3.11.0

Arrangement of industries according to No. of units

District: Trichur

Sl. No.	Code	Name of industry	No. of units (No.)
1	2	3	
1.	320	Manufacture of structural clay products	128
2.	271	Sawing and planing of wood (other than plywood)	46
3.	289	Printing of picture and post cards	13
4.	302	Manufacture of rubber products not elsewhere classified	11
5.	973	Repair of motor vehicles and motor cycles	10
6.	204	Grain mill products	8
7.	313	Manufacture of drugs and medicines	8
8.	354	Industrial machinery for other than food and textiles	7

1	2	3	4
9.	231	Cotton spinning, weaving in mills	6
10.	343	Manufacture of handtools and general hardware	6
11.	214	Cashewnut processing	5
12.	270	Manufacture of veneer, plywood and their products	5
13.	202	Canning and preservation of fruits and vegetables	4
14.	317	Manufacture of matches	4
15.	265	Manu: of raincoats, hats, umbrellas, etc.	3
16.	272	Manu: of wooden and cane boxes	3
17.	274	Manu: of wooden industrial goods	3
18.	318	Manu: of explosive and ammunition and fire works	3
19.	331	Casting and forging of iron and steel	3
20.	340	Manufacture of metal cans and tin plates	3
		Other industries	55
		Total	334

TABLE 3.11.1

Arrangements of industries according to working capital

District: Trichur

Sl. No.	Code	Name of industry	working capital (Rs. in lakhs)
1	2	3	4
1.	320	Manufacture of structural clay products	117.42
2.	302	Manufacture of rubber products not elsewhere classified	28.89
3.	313	Manufacture of drugs and medicines	24.35
4.	231	Cotton spinning, weaving in mills	19.50
5.	271	Sawing and planing of wood (other than plywood)	18.16
6.	289	Printing of picture and post cards	16.11

1	2	3.	4
7.	214	Cashewnut processing	13.67
8.	204	Grain mill products	11.35
9.	270	Manu: of veneer, plywood and their products	8.79
10.	202	Canning and preservation of fruits and vegetables	8.60
11.	274	Manu: of wooden industrial goods	7.45
12.	331	Casting and forging of iron and steel	5.69
13.	354	Industrial machinery for other than food and textiles	4.90
14.	272	Manu: of wooden and cane boxes	2.96
15.	973	Repair of motor vehicles and motor cycles	2.69
16.	317	Manufacture of matches	0.62
17.	340	Manufacture of metal cans and tin plates	0.38
18.	265	Manufacture of raincoats, hats, umbrellas etc.	0.25
19.	318	Manufacture of explosive and ammunition and fire works	0.06
20.	343	Manufacture of handtools and general hardware	(-) 1.86
		Other Industries	763.99
		Total	1,053.97

TABLE 3.11.2

Arrangements of industries according to fixed capital

District: Trichur

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1	2	3	4
1.	231	Cotton spinning, weaving in mills	173.67
2.	320	Manufacture of structural clay products	128.69
3.	289	Printing of picture and post cards	63.67

1	2	3	4
4.	302	Manufacture of rubber products not elsewhere classified	29.10
5.	271	Sawing and planing of wood (other than plywood)	26.04
6.	270	Manu. of veneer, plywood and their products	17.90
7.	202	Canning and preservation of fruits and vegetables	14.66
8.	973	Repair of motor vehicles and motor cycles	11.30
9.	313	Manufacture of drugs and medicines	10.57
10.	354	Industrial machinery for other than food and textiles	8.01
11.	343	Manu. of handtools and general hardware	7.69
12.	331	Casting and forging of iron and steel	4.70
13.	214	Cashewnut processing	4.48
14.	204	Grain mill products	4.03
15.	272	Manu. of wooden and cane boxes	1.39
16.	274	Manu. of wooden industrial goods	1.32
17.	317	Manu. of Matches	1.11
18.	265	Manu. of Raincoats, hats, umbrellas, etc.	0.98
19.	340	Manu. of metal cans and tin plates	0.57
20.	318	Manu. of explosive and ammunition and fireworks	0.07
		Other Industries	377.23
		Total	887.18

TABLE 3.11.3

Arrangements of industries according to productive capital

District: Trichur

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1.	320	Manufacture of structural clay products	246.11
2.	231	Cotton spinning, weaving in mills	193.17
3.	289	Printing of picture and post cards	79.78
4.	302	Manufacture of rubber products not elsewhere classified	57.99
5.	271	Sawing and planing of wood (other than plywood)	44.20
6.	313	Manufacture of drugs and medicines	34.92
7.	270	Manu. of veneer, plywood and their products	26.69
8.	202	Canning and preservation of fruits and vegetables	23.26
9.	214	Cashewnut processing	18.15
10.	204	Grain mill products	15.38
11.	973	Repair of motor vehicles and motor cycles	13.99
12.	354	Industrial machinery for other than food and textiles	12.91
13.	331	Casting and forging of Iron and steel	10.39
14.	274	Manufacture of wooden industrial goods	8.77
15.	343	Manufacture of handtools and general hardware	5.83
16.	272	Manufacture of wooden and cane boxes	4.35
17.	317	Manufacture of matches	1.73
18.	265	Manu. of raincoats, hats, umbrellas etc.	1.23
19.	340	Manu. of metal cans and tin plates.	0.95
20.	318	Manu. of explosive and ammunition and fire works	0.13
		Other industries	1141.22
		Total	1941.15

TABLE 3.11.4

Arrangement of industries according to invested capital

District: Trichur

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)
1.	320	Manufacture of structural clay products	241.83
2.	289	Printing of picture and post cards	89.64
3.	302	Manu. of rubber products not elsewhere classified	59.00
4.	202	Canning and preservation of fruits and vegetables	50.24
5.	231	Cotton spinning, weaving in mills	50.01
6.	271	Sawing and planing of wood (other than plywood)	44.09
7.	270	Manu. of veneer, plywood and their products	39.46
8.	313	Manu. of drugs and medicines	34.50
9.	214	Cashewnut processing	33.50
10.	343	Manu. of handtools and general hardware	15.64
11.	973	Repair of motor vehicles and motor cycles	15.35
12.	204	Grain mill products	12.73
13.	354	Industrial machinery for other than food and textiles	11.51
14.	331	Casting and forging of Iron and steel	10.79
15.	265	Manu. of Raincoats, hats, umbrellas, etc.	7.63
16.	272	Manu. of wooden and cane boxes	3.91
17.	274	Manu. of wooden industrial goods	3.54
18.	317	Manu. of matches	1.83
19.	340	Manu. of metal cans and tin plates	0.64
20.	318.	Manu. of explosive and ammunition and fire works	0.13
		Other industries	1510.31
		Total	2236.28

TABLE 3.11.5

Arrangement of industries according to outstanding loans

District: Trichur

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	320	Manufacture of structural clay products	95.04
2.	202	Canning and preservation of fruits and vegetables	52.30
3.	231	Cotton spinning, weaving in mills	26.83
4.	271	Sawing and planing of wood (other than plywood)	21.17
5.	289	Printing of picture and post cards	20.51
6.	343	Manufacture of hand tools and general hardware	18.69
7.	270	Manu: of veneer, plywood and their products	16.80
8.	313	Manu: of drugs and medicines	16.48
9.	214	Cashewnut processing	10.89
10.	354	Industrial machinery for other than food and textile industries	9.65
11.	302	Manu: of rubber products not elsewhere classified	8.67
12.	265	Manu: of rain coats, hats, umbrellas etc.	7.17
13.	204	Grain mill products	6.56
14.	331	Casting and forging of iron and steel	6.01
15.	274	Manu: of wooden industrial goods	5.46
16.	272	Manu: of wooden and cane boxes	3.29
17.	973	Repair of motor vehicles and motor cycles	1.71
18.	317	Manufacture of matches	0.82
19.	340	Manu: of metal cans and tin plates	0.03
		Other industries	906.62
		Total	1,234.70

TABLE 3.11.6

Arrangement of industries according to all workers

District: Trichur

Sl. No.	Code	Name of industry	All workers (No.)
1.	320	Manufacture of structural clay products	4216
2.	214	Cashewnut processing	1686
3.	271	Sawing and planing of wood (other than plywood)	611
4.	202	Canning and preservation of fruits and vegetables	599
5.	289	Printing of picture and post cards	379
6.	302	Manu: of rubber products not elsewhere classified	324
7.	270	Manu: of veneer, plywood and their products	231
8.	973	Repair of motor vehicles and motor cycles	203
9.	343	Manu: of hand tools and general hardware	157
10.	313	Manu: of drugs and medicines	150
11.	231	Cotton spinning, weaving in mills	127
12.	317	Manu: of matches	87
13.	354	Industrial machinery for other than food and textiles	76
14.	204	Grain mill products	73
15.	331	Casting and forging of iron and steel	66
16.	274	Manu: of wooden industrial goods	57
17.	265	Manu: of rain coats, hats, umbrellas etc.	31
18.	318	Manu: of explosive, and ammunition and fire works	31
19.	272	Manu: of wooden and cane boxes	22
20.	340	Manu: of metal cans and tin plates	16
		Other industries	5276
		Total	14418

TABLE 3.11.7

Arrangement of industries according to all employees

District: Trichur

Sl. No.	Code	Name of industry	All employees (No.)
1.	320	Manufacture of structural clay products	4696
2.	214	Cashewnut processing	1777
3.	271	Sawing and planing of wood (other than plywood)	742
4.	202	Canning and preservation of fruits and vegetables	717
5.	289	Printing of picture and post card	488
6.	302	Manufacture of rubber products not elsewhere classified	397
7.	313	Manu: of drugs and medicines	295
8.	270	Manu: of veneer, plywood and their products	283
9.	343	Manu: of hand tools and general hardware	240
10.	973	Repair of motor vehicles and motor cycles	234
11.	231	Cotton spinning, weaving in mills	158
12.	354	Industrial machinery for other than food and textile industries.	103
13.	317	Manu: of matches	100
14.	204	Grain mill products	98
15.	331	Casting and forging of iron and steel	82
16.	274	Manu: of bobbins and blocks	68
17.	265	Manufacture of Rain coats, hats, umbrellas etc.	50
18.	272	Manu: of wooden and cane boxes	33
19.	318	Manu: of explosive and ammunition and fire works	33
20.	340	Manu: -of metal cans and tin plates	21
		Other industries	6199
		Total	16814

TABLE 3.11.8

Arrangement of industries according to wages to workers

District: Trichur

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1.	231	Cotton spinning, weaving in mills	140.00
2.	320	Manufacture of structural clay products	111.54
3.	214	Cashewnut processing	19.73
4.	973	Repair of motor vehicles and motor cycles	18.51
5.	289	Printing of picture and post card	16.81
6.	302	Manufacture of rubber products not-elsewhere classified	8.92
7.	271	Sawing and planing of wood (other than plywood)	8.84
8.	270	Manu: of veneer, plywood and their products	7.46
9.	202	Canning and preservation of fruits and vegetables	5.18
10.	313	Manufacture of drugs and medicines	4.20
11.	354	Industrial machinery for other than food and textiles	3.77
12.	331	Casting and forging of iron and steel	2.53
13.	343	Manufacture of hand tools and general hardware	2.23
14.	204	Grain mill products	1.55
15.	265	Manu: of Rain coats, hats, umbrellas etc.	0.93
16.	317	Manu: of matches	0.70
17.	274	Manu: of wooden industrial goods	0.57
18.	272	Manufacture of wooden and cane boxes	0.44
19.	340	Manu: of metal cans and tin plates	0.43
20.	318	Manu: of explosive and ammunition and fire works	0.19
		Other industries	172.88
		Total	534.41

TABLE 3.11.9

Arrangement of industries according to total emoluments

District: Trichur

Sl. No.	Code	Name of industry	Total emoluments (Rs. in lakhs)
1.	231	Cotton spinning, weaving of cotton textiles in mills	175.22
2.	320	Manufacture of structural clay products	149.54
3.	289	Printing of picture and post cards	24.67
4.	214	Cashewnut processing	23.22
5.	973	Repair of motor vehicles and motor cycles	22.65
6.	313	Manufacture of drugs and medicines	15.11
7.	302	Manu: of rubber products (n.e.c.)	13.77
8.	271	Sawing and planing of wood (other than plywood)	12.34
9.	270	Manu: of veneer, plywood and their products	10.58
10.	202	Canning and preservation of fruits and vegetables	9.65
11.	354	Industrial machinery for other than food and textiles	5.35
12.	331	Casting and forging of iron and steel	3.66
13.	343	Manufacture of hand tools and general hardware	3.32
14.	204	Grain mill products	2.43
15.	265	Manu: of Rain coats, hats etc.	1.38
16.	317	Manu: of matches	0.98
17.	274	Manu: of wooden industrial goods	0.89
18.	272	Manu: of wooden and cane boxes	0.64
19.	340	Manu: of metal cans and tin plate	0.60
20.	318	Manu: of explosive and ammunition and fire works	0.29
		Other industries	288.95
		Total	765.24

TABLE 3.11.10

**Arrangement of industries according to average wage
per Worker**

District: Trichur

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1.	231	Cotton spinning, weaving in mills	1,10,236.22
2.	973	Repair of motor vehicles and motor cycles	9,118.23
3.	354	Industrial machinery for other than food and textiles	4,960.53
4.	289	Printing of picture and post cards	4,435.36
5.	331	Casting and forging of iron and steel	3,833.33
6.	270	Manu: of veneer, plywood and their products	3,229.44
7.	265	Manu: of rain coats, hats, etc.	3,000.00
8.	320	Manu: of structural clay products	2,811.67
9.	313	Manu: of drugs and medicines	2,800.00
10.	302	Manu: of rubber products (n.e.c.)	2,753.09
11.	340	Manu: of metal cans and tin plates	2,687.50
12.	204	Grain mill products	2,123.29
13.	272	Manu: of wooden and cane boxes	2,000.00
14.	271	Sawing and planing of wood (other than plywood)	1,446.81
15.	343	Manu: of hand tools and general hardware	1,420.38
16.	214	Cashewnut processing	1,170.23
17.	274	Manu: of wooden industrial goods	1,000.00
18.	202	Canning and preservation of fruits and vegetables	864.77
19.	317	Manu: of matches	804.60
20.	318	Manu: of explosive and ammunition and fire works	612.90
		Other industries	3,276.72
		All industries	3,706.55

TABLE 3.11.11

Arrangement of industries according to average wages etc.

District: Trichur

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee (Rs.)
1.	231	Cotton spinning, weaving in mills	1,10,898.73
2.	973	Repair of motor vehicles and motor cycles	9,679.49
3.	354	Industrial machinery for other than food and textiles	5,194.17
4.	313	Manufacture of drugs and medicines	5,122.03
5.	289	Printing of pictures and post cards	5,055.33
6.	331	Casting and forging of iron and steel	4,463.41
7.	270	Manufacture of veneer, plywood and their products	3,738.52
8.	302	Manu: of rubber products (n.e.c.)	3,468.51
9.	320	Manu: of structural clay products	3,184.41
10.	340	Manu: of metal cans and tin plates	2,857.14
11.	265	Manu: of Rain coats, hats, etc.	2,760.00
12.	204	Grain mill products	2,479.59
13.	272	Manu: of wooden and cane boxes	1,939.39
14.	271	Sawing and planing of wood (other than plywood)	1,663.07
15.	343	Manu: of hand tools and general hardware	1,383.33
16.	202	Canning and preservation of fruits and vegetables	1,345.89
17.	274	Manu: of wooden industrial goods	1,308.82
18.	214	Cashewnut processing	1,306.70
19.	317	Manu: of matches	980.00
20.	318	Manu: of explosive and ammunition and fire works	878.79
		Other industries	4,661.24
		All Industries	4,551.21

TABLE 3.11.12

Arrangement of industries according to total input

District: Trichur

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	637.15
2.	320	Manufacture of structural clay products	210.43
3.	302	Manu: of rubber products (n.e.c.)	197.95
4.	214	Cashewnut processing	145.53
5.	271	Sawing and planing of wood (other than plywood)	102.26
6.	204	Grain mill products	69.74
7.	289	Printing of picture and post cards	63.62
8.	973	Repair of motor vehicles and motor cycles	63.38
9.	265	Manu: of rain coats, hats, etc.	53.04
10.	313	Manu: of drugs and medicines	52.57
11.	202	Canning and preservation of fruits and vegetables	49.78
12.	270	Manu: of veneer, plywood and their products	31.84
13.	354	Industrial machinery for other than food and textiles	25.04
14.	331	Casting and forging of iron and steel	24.29
15.	272	Manu: of wooden industrial goods	23.22
16.	343	Manu: of hand tools and general hardware	7.16
17.	274	Manu: of wooden industrial goods	6.62
18.	317	Manu: of matches	5.49
19.	318	Manu: of explosive and ammunition and fire works	1.60
20.	340	Manu: of metal cans and tin plates	0.60
21.		Other industries	2,432.32
		Total	<u>4,203.63</u>

TABLE 3.11.13

Arrangement of industries according to total output

District: Trichur

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	231	Cotton spinning, weaving in mills	775.03
2.	320	Manufacture of structural clay products	422.61
3.	302	Manu: of rubber products (n.e.c.)	254.44
4.	214	Cashewnut processing	185.63
5.	271	Sawing and planing of wood (other than plywood)	127.33
6.	289	Printing of pictures post cards	106.02
7.	973	Repair of motor vehicles and motor cycles	87.77
8.	313	Manu: of drugs and medicines	83.28
9.	204	Grain mill products	75.90
10.	202	Canning and preservation of fruits and vegetables	63.59
11.	265	Manu: of rain coats, hats etc.	59.49
12.	270	Manu: of veneer, plywood and their products	45.27
13.	354	Industrial machinery for other than food and textiles	33.52
14.	272	Manu: of wooden and cane boxes	32.49
15.	331	Casting and forging of iron and steel	28.49
16.	343	Manu: of hand tools and general hardware	8.95
17.	274	Manu: of wooden industrial goods	9.87
18.	317	Manu: of matches	7.40
19.	318	Manu: of explosive and ammunition and fire works	1.99
20.	340	Manu: of metal cans and tin plates	1.36
21.		Other industries	3,335.99
Total			5,745.48

TABLE 3.11.14

Arrangement of industries according to value added

District: Trichur

Sl. No.	Code	Name of Industry	Value added (Rs. in lakhs)
1.	320	Manufacture of structural clay products	199.67
2.	231	Cotton, spinning, weaving in mills	122.47
3.	302	Manu: of rubber products (n.e.c.)	52.69
4.	214	Cashewnut processing	39.73
5.	289	Printing of picture post cards	37.92
6.	313	Manufacture of drugs and medicines	29.72
7.	973	Repair of motor vehicles and motor cycles	23.46
8.	271	Sawing and planning of wood (other than plywood)	22.97
9.	202	Canning and preservation of fruits and vegetables	12.36
10.	270	Manu: of veneer, plywood and their products	11.70
11.	272	Manu: of wooden and cane boxes	9.13
12.	354	Industrial machinery for other than food and textiles	8.16
13.	265	Manu: of Rain coats, hats, etc.	6.37
14.	204	Grain mill products	5.81
15.	331	Casting and forging of Iron and steel	3.79
16.	274	Manu: of wooden industrial goods	2.14
17.	317	Manu: of matches	1.83
18.	343	Manu: of hand tools and general hardware	1.08
19.	340	Manu: of metal cans and tin plates	0.72
20.	318	Manu: of explosive and ammunition and fire works	0.38
21.		Other industries	866.26
Total			1,458.36

TABLE 3.11.15

Arrangement of industries according to net income

District: Trichur

Sl. No.	Code	Name of industries	Net income (Rs. in lakhs)
1.	320	Manufacture of structural clay products	187.74
2.	231	Cotton spinning, weaving in mills	88.37
3.	302	Manu: of rubber products (n.o.c.)	52.04
4.	289	Printing of picture and post card	36.96
5.	214	Cashewnut processing	34.21
6.	313	Manu: of drugs and medicines	27.29
7.	973	Repair of motor vehicles and motor cycles	23.14
8.	271	Sawing and planing of wood (other than plywood)	20.65
9.	270	Manu: of veneer, plywood and their products	9.58
10.	272	Manu: of wooden and cane boxes	8.47
11.	354	Industrial machinery for other than food and textiles	7.03
12.	265	Manu: of rain coats, hats, etc.	5.29
13.	204	Grain mill products	4.72
14.	331	Casting and forging of iron and steel	2.82
15.	274	Manu: of wooden industrial goods	1.79
16.	317	Manu: of matches	1.68
17.	202	Canning and preservation of fruits and vegetables	1.42
18.	340	Manu: of metal can and tin plates	0.71
19.	318	Manufacture of explosive and ammunition and fire works	0.37
20.		Other industries	754.18
		Total	<u>1,268.46</u>

TABLE 3.12.0

Arrangement of industries according to number of units

District: Palghat

Sl. No.	Code	Name of industry	No. of units
1.	271	Saw mills	48
2.	204	Manufacture of grain mill products	40
2.	973	Repair of motor vehicles	11
4.	320	Manufacture of structural clay products	10
5.	343	Manufacture of hand tools and hardware	8
6.	317	Manufacture of matches	6
7.	285	Printing and publishing of books and Journals	4
8.	345	Manufacture of metal utensils and cutlery	4
9.	226	Manufacture of beedi	3
10.	231	Cotton spinning and weaving in mills	3
11.	302	Manufacture of rubber products—others	3
12.	353	Industrial machinery for food and textiles	3
13.	360	Manufacture of transformers and electricals	3
14.	389	Manufacture of jewellery articles	3
		Others	37
		All industries	186

TABLE 3.12.1

Arrangement of industries according to working capital

District: Palghat

Sl. No.	Code	Name of industry ;	Working capital (Rs. in lakhs)
1	2	3	4
1.	271	Saw mills	116.88
2.	204	Manufacture of grain mill products	21.78
3.	231	Cotton spinning and weaving in mills	19.81
4.	285	Printing and publishing of books and journals	19.68
5.	353	Industrial machinery for food and textiles	12.87
6.	343	Manufacture of hand tools and hard ware	11.51

1	2	3	4
7.	360	Manufacture of transformers and electricals	9.17
8.	320	Manufacture of structural clay products	7.35
9.	317	Manufacture of matches	2.97
10.	302	Manufacture of rubber products—others	2.81
11.	345	Manufacture of metal utensils and cutlery	0.91
12.	973	Repair of motor vehicles	0.59
13.	389	Manufacture of jewellery articles	0.32
14.	226	Manufacture of beedi	(—)2.00
		Others	291.14
		All industries	515.79

TABLE 3.12.2

Arrangement of industries according to fixed capital

District: Palghat

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	229.39
2.	285	Printing and publishing of books and journals	38.80
3.	204	Manufacture of grain mills products	26.60
4.	320	Manufacture of structural clay products	16.10
5.	343	Manufacture of hand tools and hardware	14.04
6.	271	Saw mills	11.85
7.	973	Repair of motor vehicles	7.72
8.	360	Manufacture of transformers and electricals	5.65
9.	302	Manufacture of rubber products—others	3.83
10.	353	Industrial machinery for food and textiles	2.16
11.	317	Manufacture of matches	0.70
12.	345	Manufacture of metal utensils and cutlery	0.58
13.	389	Manufacture of jewellery articles	0.37
14.	226	Manufacture of beedi	0.23
		Others	427.69
		Total	785.71

TABLE 3.12.3

Arrangement of industries according to productive capital

District: Palghat

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	249.20
2.	271	Saw mills	128.73
3.	285	Printing and publishing of books and journals	58.47
4.	204	Manufacture of grain mill products	48.39
5.	343	Manufacture of hand tools and hardware	25.56
6.	320	Manufacture of structural clay products	23.45
7.	353	Industrial machinery for food and textiles	15.05
8.	360	Manufacture of transformers and electricals	14.82
9.	973	Repair of motor vehicles	8.31
10.	302	Manufacture of rubber products—others	6.64
11.	317	Manufacture of matches	3.68
12.	345	Manufacture of metal utensils and cutlery	1.50
13.	389	Manufacture of jewellery articles	0.69
14.	226	Manufacture of beedi	(-) 1.77
		Others	718.79
		Total	<u>1,301.51</u>

TABLE 3.12.4

Arrangement of industries according to invested capital

District: Palghat

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	362.09
2.	204	Manufacture of grain mill products	50.63
3.	271	Saw mills	48.25
4.	285	Printing and publishing of books and journals	40.53
5.	343	Manufacture of hand tools and hardware	34.43
6.	320	Manufacture of structural clay products	30.30
7.	360	Manufacture of transformers and electricals	17.13
8.	353	Industrial machinery for food and textiles	14.16
9.	973	Repair of motor vehicles	8.35
10.	302	Manufacture of rubber products—others	8.25
11.	317	Manufacture of matches	3.92
12.	226	Manufacture of beedi	3.05
13.	345	Manufacture of metal utensils and cutlery	2.73
14.	389	Manufacture of jewellery articles	0.81
		Others	718.63
		All industries	<u>1,343.26</u>

TABLE 3.12.5

Arrangement of industries according to outstanding loans

District: Palghat

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	104.12
2.	343	Manufacture of hand tools and hardware	24.31
3.	320	Manufacture of structural clay products	12.61
4.	302	Manufacture of rubber products	11.40
5.	271	Saw mills	7.29
6.	360	Manufacture of transformers and electricals	5.37
7.	204	Manufacture of grain mill products	4.59
8.	353	Industrial machinery for food and textiles	3.63
9.	345	Manufacture of metal utensils and cutlery	2.14
10.	973	Repair of motor vehicles	1.75
11.	226	Manufacture of beedi	1.15
12.	389	Manufacture of jewellery articles	0.72
13.	317	Manufacture of matches	0.49
		Others	486.38
		Total	<u>665.95</u>

TABLE 3.12.6

Arrangements of industries according to all workers

District: Palghat

Sl. No.	Code	Name of industry	All workers (No.)
1	2	3	4
1.	231	Cotton spinning and weaving in mills	1170
2.	271	Saw mills	1070
3.	320	Manufacture of structural clay products	592

1	2	3	4
4.	343	Manufacture of hand tools and hardware	407
5.	204	Manufacture of grain mill products	367
6.	285	Printing and publishing of books and journals	276
7.	317	Manufacture of matches	167
8.	360	Manufacture of transformers and electricals	165
9.	973	Repair of motor vehicles	154
10.	353	Industrial machinery for food and textiles	112
11.	226	Manufacture of beedi	67
12.	345	Manufacture of metal utensils and cutlery	62
13.	389	Manufacture of jewellery articles	37
14.	302	Manufacture of rubber products—others	34
		Others	2163
		All industries	6843

TABLE 3.12.7

Arrangement of industries according to all employees

District: Palghat

Sl. No.	Code	Name of industry	All employees (No.)
1	2	3	4
1.	231	Cotton spinning and weaving in mills	1264
2.	271	Saw mills	1217
3.	320	Manufacture of structural clay products	649
4.	343	Manufacture of hand tools and hardware	577
5.	204	Manufacture of grain mill products	452
6.	285	Printing and publishing of books and journals	323
7.	360	Manufacture of transformers and electricals	195

1	2	3	4
8.	973	Repair of motor vehicles	180
9.	317	Manufacture of matches	179
10.	353	Industrial machinery for food and textiles	129
11.	226	Manufacture of beedi	95
12.	345	Manufacture of metal utensils and cutlery	78
13.	302	Manufacture of rubber products—others	47
14.	389	Manufacture of jewellery articles	47
		Others	3037
		All industries	<u>8469</u>

TABLE 3.12.8

Arrangement of industries according to wages to workers

District: Palghat

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1	2	3	4
1.	231	Cotton spinning and weaving in mills	71.40
2.	320	Manufacture of structural clay products	16.29
3.	271	Saw mills	15.66
4.	285	Printing and publishing of books and journals	14.17
5.	343	Manufacture of hand tools and hardware	12.36
6.	353	Industrial machinery for food and textiles	9.06
7.	973	Repair of motor vehicles	7.71
8.	204	Manufacture of grain mill products	6.53
9.	360	Manufacture of transformers and electricals	5.09
10.	226	Manufacture of beedi	1.76
11.	345	Manufacture of metal utensils and cutlery	1.50
12.	317	Manufacture of matches	1.45

1	3	3	4
13.	302	Manufacture of rubber products— others	1.26
14.	389	Manufacture of jewellery articles Others	0.62 56.45
		All Industries	<u>221.30</u>

TABLE 3.12.9

Arrangement of industries according to total emoluments

District: Palghat

Sl. No.	Code	Name of industry	Total emoluments (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	95.25
2.	320	Manufacture of structural clay products	21.25
3.	271	Saw mills	20.12
4.	285	Printing and publishing of books and journals	18.65
5.	343	Manufacture of hand tools and hardware	18.59
6.	973	Repair of motor vehicles	9.34
7.	204	Manufacture of grain mill products	7.68
8.	360	Manufacture of transformers and electricals	7.11
9.	353	Industrial machinery for food and textiles	3.83
10.	226	Manufacture of beedi	2.34
11.	345	Manufacture of metal utensils and cutlery	2.14
12.	302	Manufacture of rubber products—Others	1.97
13.	317	Manufacture of matches	1.76
14.	389	Manufacture of jewellery articles Others	1.02 106.85
		Total	<u>317.90</u>

TABLE 3.12.10

Arrangement of industries according averagewage per worker

District: Palghat

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1.	353	Industrial machinery for food and textiles	8,089.28
2.	231	Cotton spinning and weaving in mills	6,102.56
3.	285	Printing and publishing of books and journals	5,134.05
4.	973	Repair of motor vehicles	5,006.49
5.	302	Manufacture of rubber products— Others	3,705.88
6.	360	Manufacture of transformers and electricals	3,084.84
7.	343	Manufacture of hand tools and hardware	3,036.85
8.	320	Manufacture of structural clay products	2,751.68
9.	226	Manufacture of beedi	2,626.86
10.	345	Manufacture of metal utensils and cutlery	2,419.35
11.	204	Manufacture of grain mill products	1,792.91
12.	389	Manufacture of jewellery articles	1,675.67
13.	271	Saw mills	1,463.55
14.	317	Manufacture of matches	868.26
		Others	2,609.80
		All industries	<u>3,234.83</u>

TABLE 3.12.11

**Arrangement of industries according average wages, salaries
and other benefits per employee**

District: Palghat

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee (Rs.)
1.	231	Cotton spinning and weaving in mills	7,535.60
2.	285	Printing and publishing of books and journals	5,773.99
3.	973	Repair of motor vehicles	5,188.88
4.	302	Manufacture of rubber products- Others	4,191.48
5.	360	Manufacture of transformers and electricals	3,646.15
6.	320	Manufacture of structural clay products	3,274.26
7.	343	Manufacture of hand tools and hardware	3,221.83
8.	353	Industrial machinery for food and textiles	2,968.99
9.	345	Manufacture of metal utensils and cutlery	2,743.58
10.	226	Manufacture of beedi	2,463.15
11.	389	Manufacture of jewellery articles	2,170.21
12.	204	Manufacture of grain mill products	1,699.11
13.	271	Saw mills	1,653.24
14.	317	Manufacture of matches	983.24
		Others	3,518.27
		All industries	3,753.68

TABLE 3.12.12

Arrangement of industries according to total output

District: Palghat

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	29.58
2.	271	Saw mills	14.25
3.	204	Manufacture of grain mill products	12.95
4.	226	Manufacture of beedi	12.49
5.	973	Repair of motor vehicles	11.50
6.	343	Manufacture of hand tools and hardware	8.66
7.	320	Manufacture of structural clay products	4.74
8.	345	Manufacture of metal utensils and Cutlery	3.36
9.	353	Industrial machinery for food and textiles	2.62
10.	360	Manufacture of transformers and electricals	2.35
11.	285	Printing and publishing of books and journals	1.89
12.	317	Manufacture of matches	1.59
13.	302	Manufacture of rubber products—Other	1.39
14.	389	Manufacture of jewellery articles	0.94
		Others	122.06
		All industries	230.37

TABLE 3.12.13

Arrangement of industries according to total output

District: Palghat

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	577.12
2.	204	Manufacture of structural clay products	346.96
3.	271	Saw mills	213.76
4.	343	Manufacture of hand tools and hardware	82.58
5.	320	Manufacture of structural clay products	56.48
6.	360	Manufacture of transformers and electricals	35.87
7.	302	Manufacture of rubber products—Others	35.34
8.	226	Manufacture of beedi	31.91
9.	285	Printing and publishing of books and journals	29.11
10.	973	Repair of motor vehicles	18.64
11.	317	Manufacture of matches	16.46
12.	353	Industrial machinery for food and textiles	11.03
13.	345	Manufacture of metal utensils and cutlery	8.21
14.	389	Manufacture of jewellery articles	4.33
		Others	1,206.42
		All industries	2,674.22

TABLE 3.12.14

Arrangement of industries according to value added

District: Palghat

Sl. No.	Code	Name of industry	Value added (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	152.99
2.	204	Manufacture of grain mill products	41.16
3.	271	Saw mills	32.04
4.	343	Manufacture of hand tools and hardware	28.42
5.	320	Manufacture of structural clay products	27.52
6.	285	Printing and publishing of books and journals	19.33
7.	360	Manufacture of transformers and electricals	11.01
8.	226	Manufacture of beedi	8.03
9.	302	Manufacture of rubber products—others	6.04
10.	317	Manufacture of matches	5.30
11.	973	Repair of motor vehicles	4.87
12.	353	Industrial machinery for food and textiles	3.14
13.	345	Manufacture of metal utensils and cutlery	2.63
14.	389	Manufacture of jewellery articles	1.41
		Others	277.46
		All industries	621.35

TABLE 3.12.15

Arrangement of industries according to net income

District: Palghat

Sl. No.	Code	Name of industry	Net income (Rs. in lakhs)
1.	231	Cotton spinning and weaving in mills	136.29
2.	204	Manufacture of grain mill products	39.83
3.	271	Saw mills	30.58
4.	320	Manufacture of structural clay products	26.21
5.	343	Manufacture of handtools and hardware	25.89
6.	285	Printing and publishing of books and journals	19.31
7.	360	Manufacture of transformers and electricals	9.80
8.	226	Manufacture of beedi	7.60
9.	317	Manufacture of matches	5.02
10.	973	Repair of motor vehicles	4.62
11.	302	Manufacture of rubber products—others	3.76
12.	353	Industrial machinery for food and textiles	2.33
13.	345	Manufacture of metal utensils and cutlery	2.31
14.	389	Manufacture of jewellery articles	1.26
		Others	230.99
		All industries	545.80

TABLE 3.13.0

Arrangement of industries according to number of units

District: Malappuram

Sl. No.	Code	Name of industry	Number of units (No.)
1.	271	Saw mills	9
2.	320	Manufacture of structural clay products	4
3.	211	Manufacture of other edible oils	3
4.	973	Repair of motor vehicles	3
5.		Others	17
		Total	36

TABLE 3.13.1

Arrangement of industries according to fixed capital

District: Malappuram

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1.	320	Manufacture of structural clay products	6.91
2.	271	Saw Mills	2.82
3.	211	Manufacture of other edible oils	2.37
4.	973	Repair of motor vehicles	1.66
5.		Others	97.50
		Total	111.26

TABLE 3.13.2

Arrangement of industries according to working capital

District: Malappuram

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1.	211	Manufacture of other edible oils	7.29
2.	320	Manufacture of structural clay products	1.95
3.	271	Saw mills	1.64
4.	973	Repair of motor vehicles	(-)0.18
5.		Others	86.04
		Total	96.74

TABLE 3.13.3

Arrangement of industries according to productive capital

District: Malappuram

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1.	211	Manufacture of other edible oils	9.67
2.	320	Manufacture of structural clay products	8.96
3.	271	Saw mills	4.46
4.	973	Repair of motor vehicles	1.48
5.		Others	183.42
		Total	207.99

TABLE 3.13.4

Arrangement of industries according to invested capital

District: Malappuram

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)
1.	320	Manufacture of structural clay products	9.90
2.	211	Manufacture of other edible oils	9.31
3.	271	Saw mills	3.82
4.	973	Repair of motor vehicles	1.90
5.		Others	204.48
		Total	229.41

TABLE 3.13.5

Arrangement of industries according to outstanding loans

District: Malappuram

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	320	Manufacture of structural clay products	4.67
2.	271	Saw mills	1.87
3.	973	Repair of motor vehicles	0.02
4.		Others	128.79
		Total	135.35

TABLE 3.13.6

Arrangement of industries according to all workers

District: Malappuram

Sl. No.	Code	Name of industry	All workers (No.)
1.	320	Manufacture of structural clay products	375
2.	271	Saw mills	179
3.	973	Repair of motor vehicles	37
4.	211	Manufacture of other edible oils	29
5.		Others	188
		Total	1378

TABLE 3.13.7

Arrangement of industries according to all employees

District: Malappuram

Sl. No.	Code	Name of industry	All employees (No.)
1.	320	Manufacture of structural clay products	367
2.	271	Saw mills	205
3.	973	Repair of motor vehicles	45
4.	211	Manufacture of other edible oils	44
5.		Others	1004
		Total	1665

TABLE 3.13.8

Arrangement of industries according to wages

District: Malappuram

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1.	320	Manufacture of structural clay products	12.50
2.	973	Repair of motor vehicles	1.41
3.	271	Saw mills	1.28
4.	211	Manufacture of other edible oils	0.97
5.		Others	39.79
		Total	55.95

TABLE 3.13.9

Arrangement of industries according to total emoluments

District: Malappuram

Sl. No.	Code	Name of industry	Wages, salaries and other benefits to employees (Rs. in lakhs)
1.	320	Manufacture of structural clay products	14.66
2.	973	Repair of motor vehicles	2.10
3.	271	Saw mills	1.73
4.	211	Manufacture of other edible oils	1.27
5.		Others	67.19
		Total	86.95

TABLE 3.13.10

Arrangement of industries according to average wage per worker

District: Malappuram

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1.	973	Repair of motor vehicles	3810.81
2.	320	Manufacture of structural clay products	3623.19
3.	211	Manufacture of other edible oils	3344.83
4.	271	Saw mills	715.08
5.		Others	5049.49
		Total	4060.23

TABLE 3.13.11

Arrangement of industries according to average wages, salaries and other benefits per employee

District: Malappuram

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee (Rs. in lakhs)
1.	973	Repair of motor vehicles	4666.67
2.	320	Manufacture of structural clay products	3994.55
3.	211	Manufacture of other edible oils	2886.36
4.	271	Saw mills	843.90
5.		Others	6692.23
		Total	5222.22

TABLE 3.13.12

Arrangement of industries according to total input

District: Malappuram

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	211	Manufacture of other edible oils	136.47
2.	320	Manufacture of structural clay products	13.54
3.	271	Saw mills	10.60
4.	973	Repair of motor vehicles	2.22
5.		Others	267.41
		Total	<u>430.24</u>

TABLE 3.13.13

Arrangement of industries according to total output

District: Malappuram

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	211	Manufacture of other edible oils	140.79
2.	320	Manufacture of structural clay products	35.24
3.	271	Saw mills	13.40
4.	973	Repair of motor vehicles	4.91
5.		Others	421.54
		Total	<u>615.88</u>

TABLE 3.13.14

Arrangement of industries according to value added

District: Malappuram

Sl. No.	Code	Name of industry	Value added by Manufacture (Rs. in lakhs)
1.	320	Manufacture of structural clay products	21.24
2.	211	Manufacture of other edible oils	4.03
3.	271	Saw mills	2.56
4.	973	Repair of motor vehicles	2.56
5.		Others	173.73
		Total	<u>204.12</u>

TABLE 3.13.15

Arrangement of industries according to net income

District: Malappuram

Sl. No.	Code	Name of industry	Net Income (Rs. in Lakhs)
1.	271	Saw mills	
2.	320	Manufacture of structural clay products	
3.	211	Manufacture of other edible oils	
4.	973	Repair of motor vehicles	
5.		Others	
		Total	

TABLE 3.14.0

Arrangement of industries according to No. of units

District: Kozhikode

Sl. No.	Code	Name of industry	No. of units (No.)
1	2	3	4
1.	271	Sawing and planing of wood (other than plywood)	107
2.	973	Repair of motor vehicles and motor cycles	20
3.	320	Manufacture of structural clay products	17
4.	270	Manufacture of veneer, plywood and their products	15
5.	235	Weaving and finishing of cotton textiles in handlooms other than khadi	14
6.	212	Tea processing	11
7.	268	Manufacture of coir and coir products	8
8.	302	Manufacture of rubber products (n.e.c.)	8
9.	285	Printing and publishing of books, periodicals, journals etc.	7
10.	284	Printing and publishing of news paper	6

1	2	3	4
11.	203	Canning and preserving of fish and similar foods	5
12.	265	Manufacture of umbrellas	5
13.	330	Iron and steel industries	5
14.	204	Flour milling (by power machine)	4
15.	213	Coffee curing, roasting and grinding	4
16.	289	Printing, publishing and allied activities (n.e.c.) like envelope, printing, picture, post card printing etc.	4
17.	313	Manufacture of drugs and medicines	4
18.	219	Manufacture of food products (n.e.c.)	3
19.	311	Manufacture of fertilizers and pesticides	3
20.	314	Manufacture of perfumes, lotions, cosmetics, hair dressings, tooth pastes, soaps, detergents, etc.	3
21.		Others	50
		Total	<u>303</u>

TABLE 3.14.1

Arrangement of industries according to working capital

District: Kozhikode

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1	2	3	4
1.	284	Printing and publishing of news paper	75.94
2.	320	Manufacture of structural clay products	47.91
3.	212	Tea processing	36.84
4.	235	Weaving and finishing of cotton textiles in handlooms other than khadi	36.60
5.	302	Manufacture of rubber products (n.e.c.)	33.74

1	2	3	4
6.	270	Manufacture of veneer, plywood and their products	23.01
7.	271	Sawing and planing of wood other than plywood	21.64
8.	311	Manufacture of fertilizers and pesticides	20.25
9.	265	Manufacture of umbrellas	16.54
10.	268	Manufacture of coir and coir products	14.53
11.	204	Flour milling (By power machine)	14.05
12.	314	Manufacture of perfumes, cosmetics, lotions, hair dressings, tooth pastes, soaps and other detergents, etc.	9.38
13.	973	Repair of motor vehicles and motor cycles	7.44
14.	203	Canning, preserving and processing of fish and similar foods	7.39
15.	213	Coffee curing, roasting and grinding	4.98
16.	285	Printing and publishing of periodicals, books, journals, atlas, maps, etc.	4.90
17.	219	Manufacture of food products (n.e.c.)	3.94
18.	289	Printing, publishing and allied activities (n.e.c.) like envelop printing, post card printing, etc.	1.95
19.	313	Manufacture of drugs and medicines	(-)2.33
20.	330	Iron and steel industries	(-)753.01
		Others	698.88
		Total	1024.57

TABLE 3.14.2

Arrangement of industries according to fixed capital

District: Kozhikode

Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1	2	3	4
1.	330	Iron and steel industries	338.91
2.	314	Manufacture of perfumes, lotions, cosmetics, hair dressings, tooth pastes, soaps, detergents, etc.	134.16

1	2	3	4
3.	212	Tea processing	55.32
4.	284	Printing and publishing of news- paper	46.86
5.	271	Sawing and planing of wood (other than plywood)	44.78
6.	320	Manufacture of structural clay products	31.65
7.	302	Manufacture of rubber products	30.17
8.	204	Flour milling (By power machine)	20.68
9.	270	Manufacture of veneer, plywood and their products	20.18
10.	973	Repair of motor vehicles and motor cycles	18.18
11.	268	Manufacture of coir and coir products	15.02
12.	203	Canning, preserving and processing of fish and similar foods	12.61
13.	213	Coffee curing, roasting and grinding	11.58
14.	235	Weaving and finishing of cotton textiles in handlooms other than khadi	7.42
15.	285	Printing and publishing of periodicals, books, journals etc.	6.20
16.	313	Manufacture of drugs and medicines	5.38
17.	219	Manufacture of food products not elsewhere classified	4.11
18.	311	Manufacture of fertilizers and pesticides	1.46
19.	289	Printing, publishing and allied activities like envelop printing, picture post card printing etc.	1.30
20.	265	Manufacture of umbrellas	0.56
		Others	2,678.36
		Total	3,484.39

TABLE 3.14.3

Arrangement of industries according to productive capital

District: Kozhikode

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)
1.	330	Iron and steel industries	285.90
2.	314	Manufacture of perfumes, cosmetics, lotions, hair dressings, tooth pastes, soaps and detergents	143.54
3.	284	Printing and publishing of news paper	122.30
4.	212	Tea processing	92.16
5.	320	Manufacture of structural clay products	79.56
6.	271	Sawing and planing of wood (other than plywood)	66.42
7.	302	Manufacture of rubber products (n.e.c.)	63.91
8.	235	Weaving and finishing of cotton textiles in handlooms, other than khadi	44.02
9.	270	Manufacture of veneer, plywood and their products	43.19
10.	204	Flour milling (By power machine)	34.73
11.	268	Manufacture of coir and coir products	29.55
12.	973	Repair of motor vehicles and motor cycles	25.62
13.	311	Manufacture of fertilizers and pesticides	21.71
14.	203	Canning, preserving and processing of fish and similar foods	20.00
15.	265	Manufacture of umbrellas	17.10
16.	213	Coffee curing, roasting and grinding	16.56
17.	285	Printing and publishing of periodicals, books, journals, atlas, maps, etc.	11.10
18.	219	Manufacture of food products (n.e.c.)	8.05
19.	289	Printing publishing and allied activities (n.e.c.) like envelop printing, post card printing, etc.	3.25
20.	313	Manufacture of drugs and medicines	3.05
		Others	3,377.24
		Total	4,508.96

TABLE 3.14.4

Arrangement of industries according to invested capital

District: Kozhikode

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)
1.	330	Iron and steel industries	476.98
2.	314	Manufacture of perfumes and lotions	222.43
3.	284	Printing and publishing of Newspaper	144.77
4.	212	Tea processing	90.86
5.	320	Manufacture of structural clay products	84.67
6.	271	Sawing and planing of wood (other than plywood)	64.01
7.	302	Manufacture of rubber products (n.e.c.)	62.32
8.	270	Manufacture of veneer, plywood and their products	46.17
9.	235	Weaving and finishing of cotton textiles in handlooms	41.85
10.	268	Manufacture of coir and coir products	28.80
11.	204	Grain mill products	27.38
12.	203	Canning, preserving and processing of fish and similar foods	24.08
13.	973	Repair of motor vehicles and motor cycles	23.51
14.	311	Manufacture of fertilizers and pesticides	21.74
15.	265	Manufacture of umbrellas	14.62
16.	213	Coffee curing, roasting and grinding	13.11
17.	313	Manufacture of drugs and medicines	11.66
18.	219	Manufacture of food products (n.e.c.)	8.67
19.	285	Printing and publishing of periodicals, books and journals	8.43
20.	289	Printing of pictures and post cards	2.81
		Others	3,417.31
		Total	4,836.18

TABLE 3.14.5

Arrangement of industries according to outstanding loans

District: Kozhikode

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)
1.	330	Iron and steel industries	411.58
2.	314	Manufacture of perfumes and lotions	148.26
3.	284	Printing and publishing of Newspaper	140.40
4.	320	Manufacture of structural clay products	48.56
5.	271	Sawing and planing of wood (other than plywood)	27.05
6.	302	Manufacture of rubber products (n.e.c.)	25.18
7.	313	Manufacture of drugs and medicines	21.76
8.	235	Weaving and finishing of cotton textiles in handlooms	17.52
9.	270	Manufacture of veneer, plywood and their products	15.94
10.	265	Manufacture of umbrellas	14.35
11.	204	Grain mill products	11.71
12.	203	Canning, preserving and processing of fish and similar foods	9.66
13.	285	Printing and publishing of periodicals, books and journals	7.24
14.	268	Manufacture of coir and coir products	6.62
15.	213	Coffee curing, roasting and grinding	5.97
16.	219	Manufacture of food products (n.e.c.)	4.68
17.	289	Printing of picture and post cards	1.66
18.	973	Repair of motor vehicles and motor cycles	0.73
19.	311	Manufacture of fertilizers and pesticides	0.27
20.	212	Tea processing	..
		Others	545.56
		Total	1,464.70

TABLE 3.14.6

Arrangement of industries according to all workers

District: Kozhikode

Sl. No.	Code	Name of industry	All workers (No.)
1.	320	Manufacture of structural clay products	2715
2.	271	Sawing and planing of wood (other than plywood)	1833
3.	235	Weaving and finishing of cotton textiles in handlooms	1050
4.	212	Tea processing	614
5.	330	Iron and steel industries	564
6.	270	Manufacture of veneer, plywood and their products	498
7.	284	Printing and publishing of Newspaper	464
8.	973	Repair of motor vehicles and motor cycles	434
9.	213	Coffee curing, roasting and grinding	340
10.	268	Manufacture of coir and coir products	247
11.	302	Manufacture of rubber products (n.e.c.)	217
12.	204	Grain mill products	173
13.	314	Manufacture of perfumes and lotions	162
14.	285	Printing and publishing of periodicals, books and journals	159
15.	265	Manufacture of umbrellas	111
16.	219	Manufacture of food products (n.e.c.)	104
17.	203	Canning, preserving and processing of fish and similar foods	92
18.	313	Manufacture of drugs and medicines	62
19.	289	Printing of picture and post cards	43
20.	311	Manufacture of fertilizers and pesticides	38
		Others	4877
		Total	14797

TABLE 3.14.7

Arrangement of industries according to all employees

District: Kozhikode

Sl. No.	Code	Name of industry	All employees (No.)
1.	320	Manufacture of structural clay products	8018
2.	271	Sawing and planing of wood (other than plywoods)	2205
3.	235	Weaving and finishing of cotton textiles in handlooms	1212
4.	330	Iron and steel industries	883
5.	284	Printing and publishing of newspaper	714
6.	212	Tea processing	658
7.	270	Manufacture of veneer, plywood and their products	607
8.	973	Repair of motor vehicles and motor cycles	521
9.	213	Coffee curing, roasting and grinding	432
10.	268	Manufacture of coir and coir products	336
11.	314	Manufacture of perfumes and lotions	276
12.	302	Manufacture of rubber products (n.e.c.)	242
13.	204	Grain mill products	215
14.	285	Printing and publishing of periodicals, books and journals	193
15.	265	Manufacture of umbrellas	174
16.	203	Canning, preserving and processing of fish and similar foods	154
17.	219	Manufacture of food products (n.e.c.)	132
18.	313	Manufacture of drugs and medicines	92
19.	289	Printing of picture and post cards	55
20.	311	Manufacture of fertilizers and pesticides	54
		Others	5899
		Total	18082

TABLE 3.14.8

Arrangement of industries according to wages to workers

District: Kozhikode

Sl. No.	Code	Name of industry	Wages to workers (Rs. in lakhs)
1.	320	Manufacture of structural clay products	94.90
2.	271	Sawing and planing of wood—other than plywood	34.95
3.	235	Weaving and finishing of cotton textiles in handlooms	30.48
4.	284	Printing and publishing of News paper	24.26
5.	973	Repairing of motor vehicles and motor cycles	20.60
6.	330	Iron and steel industries	17.51
7.	212	Tea processing	15.51
8.	270	Manufacture of veneer, plywood and their products	11.38
9.	314	Manufacture of perfumes and lotions	9.59
10.	302	Manufacture of rubber products (n.e.c.)	6.35
11.	285	Printing and publishing of periodicals, books and journals	5.97
12.	268	Manufacture of coir and coir products	4.94
13.	213	Coffee curing, roasting and grinding	4.27
14.	204	Grain mill products	3.74
15.	219	Manufacture of food products (n.e.c.)	3.20
16.	265	Manufacture of umbrellas	2.77
17.	313	Manufacture of drugs and medicines	2.77
18.	311	Manufacture of fertilizers and pesticides	2.14
19.	203	Canning, preserving and processing of fish and similar foods	1.97
20.	289	Printing of picture and post cards	1.24
		Others	279.18
		Total	577.72

TABLE 3.14.9

Arrangement of Industries according to total emoluments

District: Kozhikode

Sl. No.	Code	Name of industry	Total emoluments (Rs. in lakhs)
1.	320	Manufacture of structural clay products	115.76
2.	284	Printing and publishing of News paper	52.79
3.	271	Sawing and planing of wood—other than plywood	44.27
4.	235	Weaving and finishing of cotton textiles in handlooms	40.42
5.	330	Iron and steel industries	33.87
6.	973	Repair of motor vehicles and motor cycles	27.09
7.	212	Tea processing	20.61
8.	314	Manufacture of perfumes and lotions	20.01
9.	270	Manufacture of veneer, plywood and their products	17.69
10.	302	Manufacture of rubber products (n.e.c.)	8.45
11.	285	Printing and publishing of periodicals books and journals	8.08
12.	268	Manufacture of coir and coir products	7.73
13.	213	Coffee curing, roasting and grinding	6.28
14.	204	Grain mill products	5.76
15.	203	Canning, preserving and processing of fish and similar foods	5.54
16.	265	Manufacture of umbrellas	5.08
17.	219	Manufacture of food products (n.e.c.)	4.97
18.	313	Manufacture of drugs and medicinals	4.75
19.	311	Manufacture of fertilizers and pesticides	2.54
20.	289	Printing of pictures and post cards	1.84
		Others	480.11
		Total	913.64

TABLE 3.14.10
Arrangement of Industries according to average
wages per worker

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1.	314	Manufacture of perfumes and lotions	5919.75
2.	311	Manufacture of fertilizers and pesticides	5631.58
3.	284	Printing and publishing of news paper	5228.45
4.	973	Repair of motor vehicles and motor cycles	4746.54
5.	313	Manufacture of drugs and medicines	4467.74
6.	285	Printing and publishing of periodicals, books and journals	3754.72
7.	320	Manufacture of structural clay products	3495.40
8.	330	Iron and steel industries	3104.61
9.	219	Manufacture of food products (n.e.c.)	3076.92
10.	302	Manufacture of rubber products (n.e.c.)	2926.27
11.	235	Weaving, spinning and finishing of cotton textiles in handlooms	2902.86
12.	289	Printing of picture and post cards	2883.72
13.	212	Tea processing	2526.06
14.	265	Manufacture of umbrellas	2495.50
15.	270	Manufacture of veneer, plywood and their products	2285.14
16.	204	Grain mill products	2161.85
17.	203	Canning, preserving and processing of fish and similar foods	2141.30
18.	268	Manufacture of coir and coir products	2000.00
19.	271	Sawing and planing of wood—other than plywood	1906.71
20.	213	Coffee curing, roasting and grinding	1255.88
		Others	5724.42
		All industries	3904.30

• TABLE 3.14.11

Average wages, salaries and other benefits per employee

District: Kozhikode

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits per employee (Rs.)
1.	284	Printing and publishing of news paper	7,393.56
2.	314	Manufacture of perfumes and lotions	7,250.00
3.	973	Repair of motor vehicles and motor cycles	5,199.62
4.	313	Manufacture of drugs and medicines	5,163.04
5.	311	Manufacture of fertilizers and pesticides	4,703.70
6.	285	Printing and publishing of periodicals, books and journals	4,186.53
7.	330	Iron and steel industries	3,835.79
8.	320	Manufacture of structural clay products	3,835.65
9.	219	Manufacture of food products (n.e.c.)	3,765.15
10.	203	Canning, preserving and processing of fish and similar foods	3,597.40
11.	302	Manufacture of rubber products (n.e.c.)	3,491.74
12.	289	Printing of picture and post cards	3,345.45
13.	235	Weaving, spinning and finishing of cotton textiles in handlooms	3,334.98
14.	212	Tea processing	3,085.33
15.	265	Manufacture of umbrellas	2,919.54
16.	270	Manufacture of veneer, plywood and their products	2,914.33
17.	204	Grain mill products	2,679.07
18.	268	Manufacture of coir and coir products	2,300.60
19.	271	Sawing and planing of wood other than plywood	2,007.71
20.	213	Coffee curing, roasting and grinding	1,453.70
		Others	8,138.84
		All industries	5,052.76

TABLE 3.14.12

Arrangement of industries according to total input

District: Kozhikode

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	330	Iron and steel industries	407.70
2.	212	Tea processing	352.97
3.	314	Manufacture of perfumes and lotions	237.79
4.	284	Printing and publishing of News paper	183.04
5.	271	Sawing and planing of wood other than plywood	135.90
6.	204	Grain mill products	134.18
7.	302	Manufacture of rubber products (n.e.c.)	129.43
8.	203	Canning, preserving and processing of fish and similar foods	120.83
9.	973	Repair of motor vehicles and motor cycles	116.04
10.	311	Manufacture of fertilizers and pesticides	107.90
11.	320	Manufacture of structural clay products	99.28
12.	235	Weaving and finishing of cotton textiles in handlooms	90.24
13.	270	Manufacture of veneer, plywood and their products	69.68
14.	219	Manufacture of food products - (n.e.c.)	44.54
15.	265	Manufacture of umbrellas	36.14
16.	268	Manufacture of coir and coir products	22.78
17.	285	Printing and publishing of periodicals, books and journals	13.64
18.	313	Manufacture of drugs and medicines	13.29
19.	213	Coffee curing, roasting and grinding	3.84
20.	289	Printing of picture and post cards	3.70
		Others	2,450.83
		Total	4,773.74

TABLE 3.14.13

Arrangement of industries according to total output

District: Kozhikode

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	212	Tea processing	467.32
2.	330	Iron and steel industries	418.30
3.	314	Manufacture of perfumes and lotions	323.18
4.	284	Printing and publishing of news paper	286.10
5.	320	Manufacture of structural clay products	277.16
6.	271	Sawing and planing of wood other than plywood	206.40
7.	302	Manufacture of rubber products (n.e.c.)	191.40
8.	204	Grain mill products	148.45
9.	973	Repair of motor vehicles and motor cycles	147.83
10.	235	Weaving and finishing of cotton textiles in handlooms	138.98
11.	203	Canning, preserving and processing of fish and similar foods	127.75
12.	311	Manufacture of fertilizers and pesticides	122.51
13.	270	Manufacture of veneer, plywood and their products	93.22
14.	219	Manufacture of food products (n.e.c.)	49.73
15.	265	Manufacture of umbrellas	46.16
16.	268	Manufacture of coir and coir products	33.87
17.	285	Printing and publishing of periodicals, books and journals	23.68
18.	313	Manufacture of drugs and medicines	21.16
19.	213	Coffee curing, roasting and grinding	12.58
20.	289	Printing of picture and post cards	5.90
		Others	3,676.16
		Total	6,817.84

TABLE 3.14.14

Arrangement of industries according to value added

District: Kozhikode

Sl. No.	Code	Name of industry	Value added (Rs. in lakhs)
1.	320	Manufacture of structural clay products	175.33
2.	212	Tea processing	106.56
3.	284	Printing and publishing of news paper	98.36
4.	314	Manufacture of perfumes and lotions	80.22
5.	271	Sawing and planing of wood other than plywood	66.92
6.	302	Manufacture of rubber products (n.e.c.)	59.07
7.	235	Weaving and finishing of cotton textiles in handlooms	48.07
8.	973	Repair of motor vehicles and motor cycles	30.10
9.	270	Manufacture of veneer, plywood and their products	21.70
10.	311	Manufacture of fertilizers and pesticides	14.55
11.	204	Grain mill products	12.35
12.	265	Manufacture of umbrellas	9.91
13.	268	Manufacture of coir and coir products	9.91
14.	285	Printing, publishing of periodicals books and journals	9.55
15.	213	Coffee curing, roasting and grinding	7.71
16.	313	Manufacture of drugs and medicines	7.55
17.	203	Canning, preserving and processing of fish and similar foods	5.02
18.	219	Manufacture of food products (n.e.c.)	4.87
19.	289	Printing of picture and post cards	2.09
20.	330	Iron and steel industries	(—)4.07
		Others	1,046.45
		Total	1,812.22

TABLE 3.14.15

Arrangement of industries according to net income

District: Kozhikode

Sl. No.	Code	Name of industry	Net income (Rs. in lakhs)
1.	320	Manufacture of structural clay products	166.38
2.	212	Tea processing	106.56
3.	284	Printing and publishing of news paper	79.70
4.	314	Manufacture of perfumes and lotions	65.06
5.	271	Sawing and planing of wood other than plywood	63.90
6.	302	Manufacture of rubber products (n.e.c.)	58.54
7.	235	Weaving and finishing of cotton textiles in handlooms	45.55
8.	973	Repair of motor vehicles and motor cycles	28.93
9.	270	Manufacture of veneer, plywood and their products	19.42
10.	311	Manufacture of fertilizers and pesticides	14.22
11.	204	Grain mill products	10.04
12.	268	Manufacture of coir and coir products	8.32
13.	285	Printing and publishing of periodicals, books and journals	8.16
14.	265	Manufacture of umbrellas	7.14
15.	213	Coffee curing, roasting and grinding	7.12
16.	313	Manufacture of drugs and medicines	6.43
17.	219	Manufacture of food products (n.e.c.)	4.07
18.	203	Canning, preserving and processing of fish and similar foods	2.91
19.	289	Printing of picture and post cards	1.81
20.	330	Iron and steel industries	(—)48.93
		Others	1,009.44
		Total	1,664.77

TABLE 3.15.0

Arrangement of industries according to No. of units

District: Cannanore

Sl. No.	Code	Name of industry	No. of units (No.)
1.	235	Weaving and finishing of cotton textiles in handlooms	79
2.	271	Sawing and planing of wood other than plywood	66
3.	236	Weaving and finishing of cotton textiles in powerlooms	11
4.	973	Repair of motor vehicles and motor cycles	11
5.	270	Manufacture of veneer, plywood and other products	8
6.	320	Manufacture of structural clay products	8
7.	231	Spinning, weaving and finishing of cotton textiles in mills	5
8.	204	Grain mill products	4
9.	212	Tea processing	4
10.	285	Printing and publishing of books, journals and periodicals	4
11.	341	Manufacture of structural clay products	4
12.	203	Canning, preserving and processing of fish and other similar foods	3
13.	214	Cashewnut processing	3
14.	260	Knitting mills	3
15.	276	Manufacture of wooden furniture and fixtures	3
		Other industries	29
		All industries	245

TABLE 3.15.1

Arrangement of industries according to working capital

District: Cannanore

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1.	270	Manufacture of veneer, plywood and their products	123.59
2.	231	Spinning, weaving and finishing of cotton textiles in mills	122.25
3.	235	Weaving and finishing of cotton textiles in handlooms	99.69
4.	271	Sawing and planing of wood other than plywood	52.47
5.	214	Cashewnut processing	34.63
6.	203	Canning, preserving and processing of fish and similar foods	8.96
7.	320	Manufacture of structural clay products	8.27
8.	276	Manufacture of wooden furniture and fixtures	7.76
9.	260	Knitting mills	6.62
10.	341	Manufacture of structural metal products	3.75
11.	285	Printing, publishing of books, journals, periodicals, etc.	2.86
12.	973	Repair of motor vehicles and motor cycles	2.54
13.	212	Tea processing	2.21
14.	236	Weaving and finishing of cotton textiles in powerlooms	1.88
15.	204	Grain mill products	0.23
		Other industries	63.79
		All industries	541.50

TABLE 3.15.2

Arrangement of industries according to fixed capital

District: Cannanore

Sl. No.	Code	Name of Industry	Fixed capital (Rs. in lakhs)
1.	231	Spinning, weaving and finishing of Cotton textiles in mills	182.30
2.	270	Manufacture of veneer, plywood and their products	147.86
3.	212	Tea processing	69.81
4.	235	Weaving and finishing of cotton textile:	51.15
5.	271	Sawing and planing of wood other than plywood	40.08
6.	203	Canning, preserving and processing of fish and similar foods	30.87
7.	320	Manufacture of structural clay products	12.12
8.	260	Kniting mills	11.67
9.	236	Weaving and finishing of cotton textiles in powerlooms	10.76
10.	214	Cashewnut processing	6.34
11.	973	Repair of motor vehicles and motor cycles	2.73
12.	276	Manufacture of wooden furniture and fixture	1.47
13.	285	Printing and publishing of books, journals, periodicals	1.35
14.	204	Grain mill products	1.06
15.	341	Manufacture of structural metal products	0.95
		Other industries	96.78
		All industries	667.30

TABLE 3.15.3

Arrangement of Industries according to productive capital

District: Cannanore

Sl. No.	Code	Name of industry	Productive Capital (Rs. in lakhs)
1.	231	Spinning and weaving of cotton textiles in mills	304.55
2.	270	Manufacture of veneer, plywood and their products	271.45
3.	235	Spinning, weaving and finishing of cotton textiles in handlooms	150.84
4.	271	Sawing and planing of wood other than plywood	92.55
5.	212	Tea processing	72.02
6.	214	Cashewnut processing	40.97
7.	203	Canning, preserving and processing of fish and similar foods	39.83
8.	320	Manufacture of structural clay products	20.39
9.	260	Knitting mills	19.29
10.	236	Weaving and finishing of cotton textiles in powerlooms	12.64
11.	276	Manufacture of wooden furniture and fixtures	9.23
12.	973	Repair of motor vehicles and motor cycles	5.27
13.	341	Manufacture of structural metal products	4.70
14.	284	Printing and publishing of books, journals and periodicals	4.21
15.	204	Grain mill products	1.29
		Other industries	160.57
		All industries	<u>1,208.80</u>

TABLE 3.15.4

Arrangement of industries according to invested capital

District: Cannanore

Sl. No.	Code	Name of industry	Invested Capital (Rs. in lakhs)
1.	231	Spinning and weaving of cotton textiles in mills	344.89
2.	270	Manufacture of veneer, plywood and their products	317.39
3.	235	Weaving and finishing of cotton textiles in handlooms	151.69
4.	212	Tea processing	74.39
5.	271	Sawing and planing of wood other than plywood	73.14
6.	214	Cashewnut processing	47.95
7.	203	Canning, preserving and processing of fish and similar foods	34.99
8.	320	Manufacture of structural clay products	23.41
9.	260	Knitting mills	17.95
10.	236	Weaving and finishing of cotton textiles in powerlooms	14.61
11.	276	Manufacture of wooden furniture and fixtures	9.34
12.	341	Manufacture of structural metal products	4.67
13.	973	Repair of motor vehicles and motor cycles	3.47
14.	285	Printing and publishing of books, journals and periodicals, etc	2.77
15.	204	Grain mill products	1.34
		Other industries	204.83
		All industries	<u>1.326.83</u>

TABLE 3.15.5

Arrangement of industries according to outstanding loans

District: Cannanore

Sl. No.	Code	Name of industry	Outstanding loans (Rs. lakhs)
1.	231	Spinning, weaving and finishing of cotton textiles in mills	176.59
2.	270	Manufacture of veneer, plywood and their products	160.60
3.	235	Weaving and finishing of cotton textiles in handlooms	80.31
4.	203	Canning, preserving and processing of fish and similar foods	73.86
5.	271	Sawing and planing of wood other than plywood	17.01
6.	260	Knitting mills	15.82
7.	214	Cashewnut processing	12.28
8.	236	Weaving and finishing of cotton textiles in powerlooms	10.25
9.	276	Manufacture of wooden furniture and fixtures	7.53
10.	973	Repair of motor vehicles and motor cycles	2.52
11.	341	Manufacture of structural metal products	1.57
12.	320	Manufacture of structural clay products	1.27
13.	285	Printing and publishing of books, periodicals and journals	1.06
14.	204	Grain mill products	..
15.	212	Tea processing	..
		Other industries	108.45
		All industries	669.12

TABLE 3.15.6

Arrangement of industries according to all workers

District: Cannanore

Sl. No.	Code	Name of Industry	All workers (No.)
1.	235	Weaving and finishing of cotton textiles in handlooms	2930
2.	231	Spinning weaving and finishing of cotton textiles in mills	2788
3.	214	Cashewnut processing	1420
4.	271	Sawing and planing of wood other than plywood	1393
5.	270	Manufacture of veneer, plywood and their products	1056
6.	212	Tea processing	1030
7.	320	Manufacture of structural clay products	672
8.	236	Weaving and finishing of cotton textiles in powerlooms	235
9.	260	Knitting mills	192
10.	203	Canning, preserving and processing of fish and similar foods	142
11.	973	Repair of motor vehicles and motor cycles	124
12.	276	Manufacture of wooden furniture and fixtures	85
13.	285	Printing and publishing of books, periodicals and journals	46
14.	204	Grain mill products	44
15.	341	Manufacture of structural metal products	41
		Other industries	1074
		All industries	13272

TABLE 3.15.7

Arrangement of industries according to all employees

District: Cannanore

Sl. No.	Code	Name of industry	All employees (No.)
1.	235	Weaving and finishing of cotton textiles in handlooms	3387
2.	231	Spinning, weaving and finishing of cotton textiles in mills	2982
3.	271	Sawing and planing of wood other than plywood	1667
4.	214	Cashewnut processing	1475
5.	270	Manufacture of veneer, plywood and their products	1246
6.	212	Tea processing	1134
7.	320	Manufacture of structural clay products	750
8.	236	Weaving and finishing of cotton textiles in powerlooms	278
9.	260	Knitting mills	255
10.	203	Canning, processing and preserving of fish and other similar foods	189
11.	973	Repair of motor vehicles and motor cycles	148
12.	276	Manufacture of wooden furniture and fixtures	117
13.	285	Printing and publishing of periodicals, books and journals	56
14.	341	Manufacture of structural metal products	55
15.	204	Grain mill products	53
		Other industries	1354
		All industries	15146

TABLE 3.15.8

Arrangement of industries according to wages to workers

District: Cannanore

Sl. No.	Code	Name of Industry	Wages to workers (Rs. in lakhs)
1.	231	Spinning, weaving and finishing of cotton textiles in mills	144.87
2.	235	Weaving and finishing of cotton textiles in handlooms	71.90
3.	270	Manufacture of veneer, plywood and their products	50.61
4.	271	Sawing and planing of wood other than plywood	26.73
5.	214	Cashewnut processing	22.41
6.	320	Manufacture of structural clay products	21.18
7.	212	Tea processing	20.67
8.	236	Weaving and finishing of cotton textiles in powerlooms	4.95
9.	973	Repair of motor vehicles and motor cycles	3.65
10.	203	Canning, preserving and processing of fish and similar products	3.63
11.	260	Knitting mills	3.57
12.	276	Manufacture of wooden furniture and fixtures	2.88
13.	285	Printing and publishing of periodicals, books, and journals	1.54
14.	341	Manufacture of structural metal products	0.80
15.	204	Grain mill products	0.71
		Other industries	28.57
		All Industries	408.67

TABLE 3.15.9

**Arrangement of industries according to total emoluments
to employees**

District: Cannanore

Sl. No.	Code	Name of industry	Total emoluments to employees (Rs. in lakhs)
1.	231	Spinning, weaving and finishing of cotton textiles in mills	184.29
2.	235	Weaving and finishing of cotton textiles in handlooms	100.17
3.	270	Manufacture of veneer, plywood and their products	80.70
4.	271	Sawing and planing of wood other than plywood	36.69
5.	320	Manufacture of structural clay products	27.67
6.	214	Cashewnut processing	26.98
7.	212	Tea processing	26.45
8.	260	Knitting mills	7.09
9.	236	Weaving and finishing of cotton textiles in powerlooms	7.05
10.	203	Canning, preserving and processing of fish and similar food	6.39
11.	276	Manufacture of wooden furniture and fixtures	5.15
12.	973	Repair of motor vehicles and motor cycles	4.73
13.	285	Printing and publishing of periodicals, books and journals	2.18
14.	341	Manufacture of structural metal products	2.04
15.	204	Grain mill products	0.96
		Other industries	50.37
		All industries	568.91

TABLE 3.15.10

Arrangement of industries according to wages per worker

District: Cannanore

Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
1.	231	Spinning, weaving and finishing of cotton textiles in mills	5196.20
2.	270	Manufacture of veneer, plywood and their products	4792.61
3.	276	Manufacture of wooden furniture and fixtures	3388.24
4.	285	Printing and publishing of periodicals, books and journals	3347.83
5.	320	Manufacture of structural clay products	3151.79
6.	973	Repair of motor vehicles and motor cycles	2943.55
7.	203	Canning, preserving and processing of fish and similar foods	2556.34
8.	235	Weaving and finishing of cotton textiles in handlooms	2453.92
9.	236	Weaving and finishing of cotton textiles in powerlooms	2106.38
10.	212	Tea processing	2006.80
11.	341	Manufacture of structural metal products	1951.22
12.	271	Sawing and planing of wood other than plywood	1918.88
13.	260	Knitting mills	1859.38
14.	204	Grain mill products	1613.64
15.	214	Cashewnut processing	1578.17
		Other Industries	2660.15
		All industries	3079.19

TABLE 3.15.11

**Arrangement of industries according to over wages, salaries
and other benefits to employees**

District: Cannanore

Sl. No.	Code	Name of industry	Average wages, salaries and other benefits to employees (Rs.)
1.	270	Manufacture of veneer, plywood and their products	6,476.73
2.	231	Spinning, weaving and finishing of cotton textiles in mills	6,180.08
3.	276	Manufacture of wooden furniture and fixtures	4,401.71
4.	285	Printing and publishing of periodicals, books and journals	3,892.86
5.	341	Manufacture of structural metal products	3,709.09
6.	320	Manufacture of structural clay products	3,689.33
7.	203	Canning, preserving and processing of fish and similar foods	3,380.95
8.	973	Repair of motor vehicles and motor cycles	3,195.95
9.	235	Weaving and finishing of cotton textiles in handlooms	2,957.48
10.	260	Knitting mills	2,780.39
11.	236	Weaving and finishing of cotton textiles in powerlooms	2,535.97
12.	212	Tea processing	2,332.45
13.	271	Sawing and planing of wood other than plywood	2,200.96
14.	214	Cashewnut processing	1,829.15
15.	204	Grain mill products	1,811.32
		Other industries	3,720.09
		All industries	3,756.17

TABLE 3.15.12

Arrangement of industries according to total input

District: Cannanore

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	235	Weaving and finishing of cotton textiles in handlooms	1,042.92
2.	231	Spinning, weaving and finishing of cotton textiles in mills	594.67
3.	270	Manufacture of veneer, plywood and their products	339.53
4.	214	Cashewnut processing	172.03
5.	271	Sawing and planing of wood other than plywood	134.07
6.	212	Tea processing	74.19
7.	203	Canning, preserving and processing of fish and similar foods	69.22
8.	260	Knitting mills	34.98
9.	236	Weaving and finishing of cotton textiles in powerlooms	29.64
10.	320	Manufacture of structural clay products	25.69
11.	973	Repair of motor vehicles and motor cycles	11.96
12.	276	Manufacture of wooden furniture and fixtures	10.11
13.	341	Manufacture of structural metal products	7.52
14.	285	Printing and publishing of periodicals, books and journals	5.76
15.	204	Grain mill products	3.18
		Other industries	627.81
		All industries	<u>3,183.28</u>

TABLE 3.15.13

Arrangement of industries according to total output

District: Cannanore

Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	235	Weaving and finishing of cotton textiles in handlooms	1,246.14
2.	231	Spinning, weaving and finishing of cotton textiles in mills	784.06
3.	270	Manufacture of veneer, plywood and their products	517.07
4.	214	Cashewnut processing	211.31
5.	271	Sawing and planing of wood other than plywood	197.44
6.	212	Tea processing	110.62
7.	203	Canning, preserving and processing of fish and similar foods	75.99
8.	320	Manufacture of structural clay products	69.92
9.	260	Knitting mills	49.75
10.	236	Weaving and finishing of cotton textiles in powerlooms	39.56
11.	973	Repair of motor vehicles and motor cycles	18.46
12.	276	Manufacture of wooden furniture and fixtures	15.51
13.	341	Manufacture of structural metal products	10.76
14.	285	Printing and publishing of periodicals, books and journals	9.28
15.	204	Grain mill products	4.77
		Other industries	737.46
		All industries	4,098.10

TABLE 3.15.14

Arrangement of industries according to value added

District: Cannanore

Sl. No.	Code	Name of industry	Value added (Rs. in lakhs)
1	235	Weaving and finishing of cotton textiles in handlooms	198.12
2	231	Spinning, weaving and finishing of cotton textiles in mills	166.21
3	270	Manufacture of veneer, plywood and their products	148.43
4	271	Sawing and planing of wood other than plywood	58.61
5	320	Manufacture of structural clay products	42.01
6	214	Cashewnut processing	38.80
7	212	Tea processing	35.44
8	260	Knitting mills	13.74
9	236	Weaving and finishing of cotton textiles in powerlooms	9.07
10	973	Repair of motor vehicles and motor cycles	6.20
11	276	Manufacture of wooden furniture and fixtures	5.25
12	203	Canning, preserving and processing of fish and similar foods	3.62
13	285	Printing and publishing of periodicals, books and journals	3.34
14	341	Manufacture of structural metal products	3.15
15	204	Grain mill products	1.51
		Other industries	98.93
		All industries	832.43

TABLE 3.15.16

Arrangement of industries according to net income

District: Cannanore

Sl. No.	Code	Name of industry	Net income (Rs. in lakhs)
1	235	Weaving and finishing of cotton textiles in handlooms	183.33
2	231	Spinning, weaving and finishing of cotton textiles in mills	150.36
3	270	Manufacture of veneer, plywood and their products	125.51
4	271	Sawing and planing of wood other than plywood	55.36
5	320	Manufacture of structural clay products	41.16
6	212	Tea processing	35.44
7	214	Cashewnut processing	34.08
8	260	Knitting mills	12.05
9	236	Weaving and finishing of cotton textiles in power looms	7.95
10	973	Repair of motor vehicles and motor cycles	5.64
11	276	Manufacture of wooden furniture and fixtures	4.23
12	285	Printing and publishing of periodicals, books and journals	3.13
13	341	Manufacture of structural metal products	2.92
14	204	Grain mill products	1.50
15	203	Canning, preserving and processing of fish and similar foods	(-)4.03
		Other industries	87.74
		All industries	<u>746.37</u>

TABLE 3.16
Industrial Development Ranking of Districts

Districts	No. of industrial units		Fixed capital utilised		Total output		Value added by manufacture		No. of persons employed		Total emoluments paid to employees		Rank of districts in overall industrial development	
	1974-'75	'75-'76	'74-'75	'75-'76	'74-'75	'75-'76	'74-'75	'75-'76	'74-'75	'75-'76	'74-'75	'75-'76	'74-'75	'75-'76
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Trivandrum	9	9	4	4	8	9	6	6	5	7	5	5	5	7
Quilon	1	1	3	3	2	2	2	2	1	1	2	2	2	2
Alleppey	7	7	6	6	5	5	10	7	6	6	7	7	7	5
Kottayam	8	8	8	9	6	7	9	9	9	9	8	8	8	8
Idukki	10	10	10	10	9	8	7	8	10	10	10	11	9	9
Ernakulam	3	3	1	1	1	1	1	1	2	2	1	1	1	1
Trichur	2	2	5	5	3	4	3	4	3	4	4	4	3	4
Palghat	6	6	7	7	10	10	8	10	8	8	9	9	8	8
Malappuram	11	11	11	11	11	11	11	11	11	11	11	10	10	10
Kozhikode	4	4	2	2	4	3	4	3	4	3	3	3	4	3
Cannanore	5	5	9	8	7	6	5	5	7	5	6	6	6	6

TABLE 3.17
Some Important Ratios Relating to Factory Sector by District 1975-76

District	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Area sq. km.	Projected population Lakhs	No. of factories per 100 sq. km.	No. of factories per lakh of population	Fixed capital per employee Rs.	Fixed capital per capita Rs.	Factory employment per lakh of population	Factory employment per 100 sq. km.	Emoluments per employee	Input output ratio	Output per employee Rs.	Output per capita Rs.	Value added per employee Rs.	Value added per capita Rs.
Trivandrum	2192	24.33	4	4	9728	52	537	596	4317	0.63	20999	113	6343	34
Quilon	4623	26.47	8	15	1765	62	3504	2006	1692	0.78	11790	413	2471	87
Alleppey	1884	22.74	7	6	6594	38	584	704	3463	0.80	31202	182	5765	34
Kottayam	2196	16.43	5	7	11574	40	350	262	5879	0.83	67724	237	10081	35
Idukki	5087	8.64	2	10	8270	40	486	82	3350	0.77	65816	320	14115	69
Ernakulam	2377	24.09	13	13	47759	589	1233	1249	9086	0.85	139486	1719	16758	207
Trichur	3032	24.31	11	14	5276	36	692	555	4551	0.73	34171	236	8673	60
Palghat	4400	18.42	4	10	9278	43	460	192	3754	0.74	31577	145	7337	34
Malappuram	3638	21.17	1	2	6682	5	79	46	5222	0.70	36990	29	10458	8
Kozhikode	3729	23.90	8	13	19270	146	757	485	5053	0.70	37705	285	10022	76
Cannanore	5706	26.87	4	9	4405	25	564	265	3756	0.78	27054	153	5495	31
State	38864	237.37	6	9	11381	105	922	563	3848	0.80	39216	362	6821	63

SECTION IV

A CRITICAL STUDY ON THE SALIENT FEATURES OF
THE FACTORY SECTOR IN KERALA
COMPARED TO MAJOR STATES

Indian industrial performance during the last 30 years had been quite impressive in many ways. Industrial production increased at an average rate of six per cent per annum so that industrial output today is nearly five or six times of what it was in 1950. The structure of index of industrial production has also undergone significant changes during this period. The output of basic and capital goods industries has now a weightage of 50% in the index of industrial production while they were given only a weightage of 20% in the beginning. While the overall record of industrial development in terms of the rate of growth may be treated as satisfactory, there has been a decline in the growth rate during the last decade.

Indian economy has been passing through an extremely difficult phase in the past few years. Since a rate of growth of 10 to 12% in industrial production has been regarded as essential by the experts in planning for ensuring an overall growth rate of around 6% for the economy, there is need to remove the constraints on faster industrial growth. The effect of constraints emerge from the non-availability of critical inputs, such as power, steel and necessary raw materials both imported and indigenous. The effect of constraints on the industrial growth vary in the case of different States. For example, power had never been a constraint for Kerala while most of the States were in the grip of acute power shortage. A comparative study of industrial growth in various States reveals certain interesting trends.

In order to highest the relative importance of States in the industrial map of India, a few salient features of the factory sector for the country as a whole and for major States are given in Tables 4.1 to 4.4. In table 4.1 six major industrial characteristics of the factory sector for 11 States and India are given while the percentage distribution of those characteristics are given in table 4.2. In table 4.3 some important structural ratios of the factory sector by

States are given. In table 4.4 certain structural ratios in respect of important industries of Kerala and their corresponding ratios for all India are given for comparison.

Tables 4.1 and 4.2 reveals that the contribution of factory sector of States towards national income (value added by manufacture) vary widely. About 25% of the total value added by manufacture comes from Maharashtra alone. West Bengal is the second biggest contributor in this respect with only 13% to its credit. Of the 11 States for which the principal characteristics arranged in the descending order of their contribution to the total value added are given in Table 4.1, the position of Kerala is at the bottom with a margin 2.3%. Maharashtra and West Bengal together command 38% of the total value added by manufacture, and the variation in between their contribution is also very large. If the contribution of three important States to the total output of the country in major industry groups is considered Maharashtra figures in 20 out of 23 industries out of which 14 are first places while West Bengal figures only in 10 industry groups with only one first place.

Table 4.3 reveals that the output per factory, output per employee, emoluments per employee and ratio of operating surplus to productive capital were higher in Maharashtra while fixed capital per factory, productive capital per factory, fixed capital per employee and value added per employee were highest in respect of Bihar. The output per factory, output per employee, value added per employee, ratio of fixed capital to output and ratio of operating surplus to output were lowest in respect of Jammu and Kashmire while the fixed capital per factory and fixed capital per employee were lowest in respect of Kerala. The ratio of emoluments to value added was lowest in respect of Punjab with only 0.40 while it was highest in respect of Jammu and Kashmire with 1.11 as against an all India average of 0.54. The ratio of fixed capital to value added was lowest in respect of Maharashtra and West Bengal with 1.37 each. The number of employees per factory was highest in West Bengal with 153 as against the all India average of 90. This was due to the concentration of highly labour intensive jute factories in that State.

Out of the 19 industries considered in Table 4.4 the fixed capital per employee in Kerala was greater than the all India average in respect of 9 industries, while the output per employee was greater than the all India average in respect of 11 industries. The wages per worker was higher in Kerala than the all India average in respect of 15 industries and the ratio of emoluments to value added was higher in respect of 11 industry groups than the all India average for the corresponding industries. The ratio of operating surplus to productive capital was higher in 9 industry groups than all India average for the corresponding industry groups. The ratio of operational surplus to productive capital in respect of all industries in Kerala was 0.17 as against an all India average of 0.15. This shows that inspite of comparatively high wages in respect of most of the important industries in Kerala, the profitability in general is higher than the all India average.

Kerala is no doubt one of the best States in the country to set up industries. Availability of raw material, cheap electric power, rail road and water transport systems and port facilities are special assets of the State. Unemployed educated man power to work on complicated machinery could be considered an added advantage. In spite of all these advantages, Kerala still remains an industrially backward State.

The problem of inter state disparities in the levels of industrial development in India is an inheritance from the pre-independence era. In 1948, about 77% of the industrial employment in the country was concentrated in the area which now covers the States of West Bengal, Maharashtra and Tamil Nadu. The share of first two above came to more than two-thirds. Reducing this wide regional disparities was one of the objectives of economic planning in the country.

Unfortunately the general acceptance of the problem was not translated into appropriate policy measures. In the absence of well-defined criteria of industrial backwardness, the plan implementing agencies often had to succumb to conflicting claims of State governments backed by political pulls and pressures until the end of Sixties, Pande Committee laid some indicators of backwardness. But according to the Pande Committee Report,

Kerala was an industrially developed State and Kerala continues to be a loser in the matter of financial assistances and other incentives aimed at removing the regional disparities of industrial development. It is interesting to note that out of 22 States and 9 under territories in India, only four States viz., Maharashtra, West Bengal, Gujarat and Tamil Nadu taken together command 47% of the total registered factories, 41% of the total fixed capital, 52% of the total employees, 58% of the total emoluments and 55% of the total output of the whole country. In the manufacture of chemicals and chemicals products, the three States Maharashtra, Gujarat and Tamil Nadu taken together contribute 63% of the national output. Similarly, in the basic metal and alloys industries, the States of Bihar, West Bengal and Maharashtra together contribute 55% of the total output of the country. The analysis shows that the major states with a population of little over 30% is enjoying about 60% of the fruits of industrial development of the country. However it is a matter of consolation that an expert Committee is presently working to measure the level of industrial activities in various States and also to revise the economic indicators to determine the industrial backwardness.

TABLE 4.1
Principal Characteristics by Major States—All Industries—1975-76 (Provisional)

State	1	2	3	4	5	6	7	8
	Factories No.	Fixed capital (Rs. lakhs)	Productive capital	Employees No.	Emoluments (Rs. lakhs)	Output (Rs. lakhs)	Value added (Rs. lakhs)	
Maharashtra	12371	215432	339892	1165017	80952	718243	157111	
West Bengal	5961	116988	195415	914077	59611	343387	85143	
Gujarat	7873	131438	168837	588010	28314	300213	57111	
Tamil Nadu	7348	112982	168262	640625	33003	291681	54418	
Bihar	3684	177426	251522	351464	22154	197521	49717	
Utter Pradesh	4892	74803	117883	543207	23794	201205	41541	
Karnataka	4285	67674	96670	328808	16464	123297	32398	
Andhra Pradesh	6150	74796	102699	466062	14987	170659	31913	
Madhya Pradesh	2880	85639	130360	272174	15489	125779	27733	
Punjab	4358	66986	83608	178600	6942	101194	16933	
Kerala*	2239	24911	37680	218877	8421	85836	14930	
Total for the above States	62041	1149075	1700828	5666921	310141	2659015	568948	
All India	71705	1402910	2403192	6380745	346296	2986645	638668	

Source—Survey results for factory sector 1975-76—C.S.O. Publications.

* Estimates for the factory sector of Kerala by the Directorate of Economics and Statistics, based on complete enumeration of the factory sector industries.

TABLE 4.2
Principal Characteristics by Major States—All Industries 1975-76
(Percentage Distribution)

State	1	2	3	4	5	6	7	8
	Factories	Fixed capital	Productive capital	Employees	Emolu-ments	Output	Value added	
Maharashtra	17.25	15.36	14.14	18.26	23.38	24.05	24.60	
West Bengal	8.31	8.34	8.13	14.33	17.21	11.50	13.33	
Gujarat	10.98	9.37	7.03	9.22	8.18	10.05	8.94	
Tamil Nadu	10.25	8.05	7.00	10.04	9.53	9.77	8.52	
Bihar	5.14	12.65	10.47	5.51	6.40	6.61	7.78	
Uttar Pradesh	6.82	5.33	4.91	8.51	6.87	6.74	6.50	
Karnataka	5.98	4.82	4.02	5.15	4.76	4.13	5.07	
Andhra Pradesh	8.58	5.33	4.27	7.30	4.33	5.71	5.00	
Madhya Pradesh	4.02	6.10	5.76	4.27	4.47	4.21	4.34	
Punjab	6.08	4.77	3.48	2.80	2.00	3.39	2.65	
Kerala*	3.12	1.78	1.57	3.43	2.43	2.87	2.34	
Total for the above States	86.53	81.90	70.78	88.82	89.56	89.03	89.07	
All India	100.00	100.00	100.00	100.00	100.00	100.00	100.00	

Source—Central Statistical Organisation.

* Estimates for the factory sector of Kerala, Directorate of Economics and Statistics.

TABLE 4.3
Some Important Structural Ratios by Major States 1975-76

Sl. No.	Name of States	3	4	5	6	7	8	9
		Fixed capital per factory (Rs. lakhs)	Productive capital per factory (Rs. lakhs)	Output per factory (Rs. lakhs)	No. of employees per factory (No.)	Fixed capital per employee (Rs.)	Emoluments per employee (Rs.)	Output per employee (Rs.)
1.	Andhra Pradesh	12.16	16.70	27.75	76	16049	3216	36617
2.	Assam	17.64	33.16	29.15	75	23517	2485	38857
3.	Bihar	48.16	68.27	53.62	95	50482	6303	56199
4.	Gujarat	16.69	21.45	38.13	75	22353	4815	51056
5.	Haryana	28.87	35.96	47.68	75	38486	5039	63574
6.	Himachal Pradesh	26.16	36.98	30.08	114	23024	5233	26470
7.	Jammu and Kashmir	15.59	20.90	15.64	93	16835	3223	16891
8.	Karnataka	15.79	22.56	28.77	77	20582	5010	37498
9.	Kerala	11.13	16.83	38.34	98	11381	3847	39217
10.	Madhya Pradesh	29.74	48.04	43.67	95	31465	5691	46213
11.	Maharashtra	17.41	27.47	58.06	74	18492	6949	61651
12.	Orissa	33.57	56.17	39.87	84	40087	6459	47617
13.	Punjab	15.37	18.60	23.22	41	37506	3887	56660
14.	Rajasthan	37.82	47.34	39.64	82	46267	5234	48500
15.	Tamil Nadu	15.38	22.90	39.70	87	17636	5152	45531
16.	Utter Pradesh	15.29	24.10	41.13	111	13771	4381	37040
17.	West Bengal	19.63	33.75	57.61	153	12798	6521	37567
	INDIA	19.52	28.84	42.38	90	21627	5409	46951

TABLE 4.3—(Contd.)

Sl. No.	Name of States	10	11	12	13	14	15	16	17	18
		Value added per employee (Rs.)	Wages per worker (Rs.)	Ratio of fixed capital to output	Ratio of emolu- ments to output	Ratio of value added to output	Ratio of operati- onal surplus to output	Ratio of fixed capital to value added	Ratio of emolu- ments to value added	Ratio of operati- onal surplus to productive capital
1.	Andhra Pradesh	6847	2316	0.44	0.09	0.19	0.10	2.34	0.47	0.16
2.	Assam	9796	1719	0.61	0.06	0.25	0.19	2.40	0.25	0.17
3.	Bihar	14146	5119	0.90	0.11	0.25	0.14	3.57	0.45	0.11
4.	Gujarat	9713	4029	0.44	0.09	0.19	0.10	2.30	0.50	0.17
5.	Haryana	12970	3898	0.61	0.08	0.20	0.12	2.97	0.39	0.17
6.	Himachal Pradesh	10007	4932	0.87	0.20	0.38	0.18	2.30	0.52	0.15
7.	Jammu and Kashmir	2894	2830	1.00	0.19	0.17	(-)0.02	5.82	1.11	(-)0.01
8.	Karnataka	9853	3783	0.55	0.13	0.26	0.13	2.09	0.51	0.16
9.	Kerala	6821	2902	0.29	0.10	0.17	0.08	1.67	0.56	0.17
10.	Madhya Pradesh	10189	5003	0.68	0.12	0.22	0.10	3.09	0.56	0.09
11.	Maharashtra	13486	5273	0.30	0.11	0.22	0.11	1.37	0.52	0.22
12.	Orissa	9392	5589	0.84	0.14	0.20	0.06	4.27	0.69	0.04
13.	Punjab	9481	3343	0.66	0.07	0.17	0.10	3.96	0.41	0.12
14.	Rajasthan	10799	4163	0.95	0.11	0.22	0.11	4.28	0.48	0.10
15.	Tamil Nadu	8495	4163	0.39	0.11	0.19	0.07	2.08	0.61	0.13
16.	Utter Pradesh	7647	3509	0.37	0.12	0.21	0.09	1.80	0.57	0.15
17.	West Bengal	9315	5305	0.34	0.17	0.25	0.07	1.37	0.70	0.13
	INDIA	10070	4287	0.46	0.12	0.21	0.10	2.15	0.54	0.15

TABLE 4.4
A.S.I. - 1975-76

Structural Ratios by Selected Industries—Kerala and India

Sl.No.	Industry Code	Factories (No.)		Fixed capital (Rs. lakhs)		Productive capital (Rs. lakhs)		Outstanding loans (Rs. lakhs)	
		Kerala	India	Kerala	India	Kerala	India	Kerala	India
1.	2	3	4	5	6	7	8	9	10
1.	203	47	128	322	843	407	1370	525	1188
2.	212	100	1173	459	7365	707	19307	8	5924
3.	214	257	466	206	374	1131	1431	1017	1368
4.	231	23	1018	983	54355	1235	88895	1254	76150
5.	235	96	255	60	134	205	450	99	219
6.	236	11	877	11	494	13	1215	10	727
7.	268	64	119	123	215	420	558	224	301
8.	270	41	208	303	1763	543	2963	318	2090
9.	271	383	2302	166	832	409	2222	99	678
10.	284	17	222	157	2300	364	3700	378	2911
11.	285	67	1004	194	3891	323	6563	50	1911
12.	300	14	254	381	7979	985	13038	433	7430
13.	302	86	592	559	2591	994	5103	361	2831
14.	310	18	639	2726	25853	3768	37517	1896	18033
15.	311	18	378	6492	101129	7970	128684	3124	44698
16.	320	232	1533	293	4930	566	8393	211	3951
17.	331	18	2737	196	31961	435	53458	279	40528
18.	357	9	827	705	7517	1054	13056	288	8599
19.	360	13	843	650	22056	1360	55417	496	30429

TABLE 4.4 (Contd.)

Sl.No.	Industry Code	All workers (No.)		Man Hours (No. lakhs)		All Employees (No.)		Wages to workers (Rs. lakhs)	
		Kerala	India	Kerala	India	Kerala	India	Kerala	India
1	2	11	12	13	14	15	16	17	18
1.	203	1984	5143	44	131	2764	6795	50	100
2.	212	5218	106891	127	2521	5822	124573	116	1548
3.	214	92362	130231	1218	1987	97467	137162	947	1172
4.	231	10484	749238	275	21140	11312	839285	590	42178
5.	235	4235	8549	101	231	4867	9976	105	178
6.	236	235	15326	5	406	278	18733	5	350
7.	268	2301	3611	49	84	3523	4851	108	91
8.	270	2739	17793	65	522	3400	22000	107	415
9.	271	7738	23537	169	612	9040	39687	132	430
10.	284	1140	11731	32	577	1940	21439	64	630
11.	285	2259	52210	53	1449	2706	63994	123	2562
12.	300	1231	22392	32	686	1880	29801	114	1683
13.	302	3175	23568	75	699	3971	29992	112	7785
14.	310	2207	41065	61	1264	3163	57466	202	2070
15.	311	3450	37687	104	1477	4621	59881	343	2833
16.	320	11154	78023	255	1853	12459	89499	341	1847
17.	331	966	145558	22	4595	1311	188918	53	6895
18.	357	1659	32631	401	1071	2539	45538	130	1898
19.	360	1443	73173	35	2624	1982	100412	97	4776

TABLE 4.4 (Contd.)

Sl. No.	Industry Code	Total emoluments (Rs. lakhs)		Total Output (Rs. lakhs)		Value added by manufacture (Rs. lakhs)		Operational surplus (Rs. lakhs)	
		Kerala	India	Kerala	India	Kerala	India	Kerala	India
1	2	19	20	21	22	23	24	25	26
1.	203	94	188	2191	4958	181	582	87	213
2.	212	171	2971	3483	56073	742	10570	511	7599
3.	214	1180	1761	7416	9557	1650	2122	470	361
4.	231	750	53179	3672	253916	682	62286	(-)98	9107
5.	235	144	258	1400	2174	250	393	106	135
6.	236	7	440	40	6921	9	764	2	324
7.	268	148	142	1463	1447	318	267	170	125
8.	270	167	695	955	5891	271	1559	104	864
9.	271	176	594	1173	5990	272	1170	96	576
10.	284	147	1585	905	8721	239	2698	92	1113
11.	285	157	3469	323	9304	175	4226	18	757
12.	300	241	3029	2749	40734	605	6518	364	3489
13.	302	176	1652	3590	13676	684	3502	508	1850
14.	310	375	4302	2606	49933	748	11714	373	7412
15.	311	546	6172	6621	89565	1357	14579	811	8407
16.	320	428	2622	1102	12030	583	4322	155	1700
17.	331	93	11174	575	86187	125	19161	32	7987
18.	357	258	3215	831	15964	304	5844	46	2629
19.	360	170	10089	1153	79656	338	23765	168	13676

TABLE 4.4 (Contd.)

Sl. No.	Industry Code	Fixed capital per factory (Rs. lakhs)		Productive capital per factory (Rs. lakhs)		Employees per factory (No.)		Output per factory (Rs. lakhs)	
		Kerala	India	Kerala	India	Kerala	India	Kerala	India
1	2	27	28	29	30	31	32	33	34
1.	203	6.85	6.59	8.67	10.70	59	53	46.61	38.73
2.	212	4.59	6.28	7.07	16.46	58	106	34.83	47.80
3.	214	0.80	0.80	4.40	3.07	379	294	28.86	20.51
4.	231	42.72	53.39	53.69	87.32	492	824	159.65	249.43
5.	235	0.63	0.53	2.13	1.77	51	39	14.58	8.53
6.	236	1.00	0.56	1.18	1.39	25	21	3.64	7.89
7.	268	1.92	1.81	6.56	4.69	55	41	22.85	12.16
8.	270	7.38	8.48	13.25	14.25	83	106	23.29	28.32
9.	271	0.43	0.36	1.07	0.97	24	17	3.06	2.60
10.	284	9.24	10.36	21.39	16.67	114	97	53.22	39.28
11.	285	2.89	3.88	4.83	6.54	40	64	4.82	9.27
12.	300	27.22	31.41	74.11	51.33	134	117	196.38	160.37
13.	302	6.50	4.38	11.60	8.62	46	51	41.75	23.10
14.	310	151.46	40.46	198.16	58.71	176	90	144.80	78.14
15.	311	360.69	267.54	406.59	340.43	257	158	376.85	236.94
16.	320	1.26	3.22	2.37	5.48	54	58	31.75	7.85
17.	331	10.90	11.68	23.34	19.53	73	69	31.95	31.49
18.	357	78.36	9.09	117.09	15.79	282	55	92.36	19.30
19.	360	49.98	26.16	104.58	65.74	152	131	88.69	94.49

TABLE 4.4 (Contd.)

Sl.No.	Industry Code	Fixed capital per employee		Output per employee (Rs.)		Value added by manufacture per employee (Rs.)		Wages per worker (Rs.)	
		Kerala	India	Kerala	India	Kerala	India	Kerala	India
1	2	35	36	37	38	39	40	41	42
1.	203	11640	12406	79260	72965	6533	8565	2504	1944
2.	212	7876	5912	59820	45012	12743	8485	2222	1448
3.	214	212	273	7610	6968	1692	1547	1026	900
4.	231	8690	6476	32460	30254	5760	7421	5627	5630
5.	235	1230	1343	28760	21792	5142	3940	2481	2082
6.	236	3957	2637	14388	36946	3237	4078	2128	2284
7.	268	3495	44321	41510	29828	9031	5504	4688	2520
8.	270	8905	8014	28090	26777	7984	7086	3900	2332
9.	271	1840	2096	12980	15093	3011	2948	1710	1827
10.	284	8074	10828	46640	40678	12315	12585	5632	5370
11.	285	7169	6080	11920	14539	6460	6604	5459	4907
12.	300	20269	26774	146240	136687	32194	21872	9232	7516
13.	302	14082	8639	90420	45599	17227	11676	3533	33032
14.	310	86193	44988	82400	86891	23638	20384	9167	5041
15.	311	140498	168883	143290	149572	29364	24347	10125	7517
16.	320	2352	5508	8850	1344	4678	4829	3059	2367
17.	331	14969	16918	43870	45621	9500	10143	5494	4737
18.	357	27777	16507	32740	35056	11991	12833	7865	5817
19.	360	32783	19976	58170	72144	17071	21524	6701	6527

TABLE 4.4 (Contd.)

Sl.No.	Industry code	Ratio of fixed capital to output		Ratio of emolu- ments to output		Ratio of value added to output		Ratio of operating surplus to output	
		Kerala	India	Kerala	India	Kerala	India	Kerala	India
1	2	43	44	45	46	47	48	49	50
1.	203	0.15	0.17	0.04	0.04	0.08	0.12	0.04	0.04
2.	212	0.13	0.13	0.05	0.05	0.21	0.19	0.16	0.14
3.	214	0.03	0.04	0.16	0.18	0.22	0.22	0.06	0.04
4.	231	0.27	0.21	0.20	0.21	0.18	0.25	(-)	0.04
5.	235	0.04	0.06	0.10	0.12	0.18	0.18	0.08	0.06
6.	236	0.28	0.07	0.18	0.06	0.23	0.11	0.05	0.05
7.	268	0.08	0.15	0.10	0.10	0.22	0.19	0.12	0.09
8.	270	0.32	0.30	0.17	0.12	0.28	0.27	0.06	0.15
9.	271	0.14	0.14	0.15	0.10	0.23	0.20	0.08	-0.10
10.	284	0.17	0.26	0.16	0.18	0.26	0.31	0.10	0.13
11.	285	0.60	0.42	0.49	0.37	0.54	0.45	0.06	0.08
12.	300	0.14	0.200	0.09	0.07	0.22	0.16	0.13	0.09
13.	302	0.16	0.19	0.05	0.12	0.19	0.26	0.14	0.14
14.	310	1.05	0.52	0.14	0.09	0.29	0.24	0.14	0.15
15.	311	0.98	1.13	0.08	0.07	0.20	0.16	0.12	0.09
16.	320	0.27	0.41	0.39	0.22	0.53	0.36	0.14	0.14
17.	331	0.34	0.37	0.16	0.13	0.22	0.22	0.05	0.09
18.	357	0.08	0.47	0.31	0.20	0.37	0.37	0.06	0.17
19.	360	0.01	0.28	0.15	0.13	0.29	0.30	0.14	0.17

TABLE 4.4 (Contd.)

Sl. No.	Industry code	Ratio of fixed capital to value added		Ratio of emoluments to value added		Ratio of operating surplus to productive capital	
		Kerala	India	Kerala	India	Kerala	India
		51	52	53	54	55	56
1	2						
1.	203	1.76	1.45	0.52	0.32	0.99	0.16
2.	212	0.62	0.70	0.23	0.28	0.81	0.39
3.	214	0.13	0.18	0.72	0.83	0.42	0.25
4.	231	1.51	0.87	1.15	0.85	(-)0.08	0.10
5.	235	0.24	0.34	0.58	0.66	0.52	0.30
6.	236	1.22	0.65	0.78	0.58	0.15	0.27
7.	268	0.39	0.81	0.47	0.53	0.41	0.22
8.	270	1.12	1.14	0.61	0.45	0.10	0.29
9.	275	0.61	0.71	0.64	0.51	0.24	0.26
10.	284	0.66	0.85	0.62	0.59	0.25	0.30
11.	285	1.11	0.92	0.90	0.82	0.06	0.12
12.	300	0.63	1.22	0.40	0.47	0.35	0.27
13.	302	0.82	0.74	0.26	0.47	0.51	0.36
14.	310	3.65	2.21	0.50	0.37	0.10	0.20
15.	311	4.78	6.94	0.40	0.42	0.11	0.07
16.	320	0.50	1.14	0.73	0.61	0.27	0.20
17.	331	1.58	1.67	0.75	0.58	0.07	0.15
18.	357	2.32	1.29	0.85	0.55	0.04	0.20
19.	360	1.92	0.93	0.50	0.43	0.12	0.25

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