



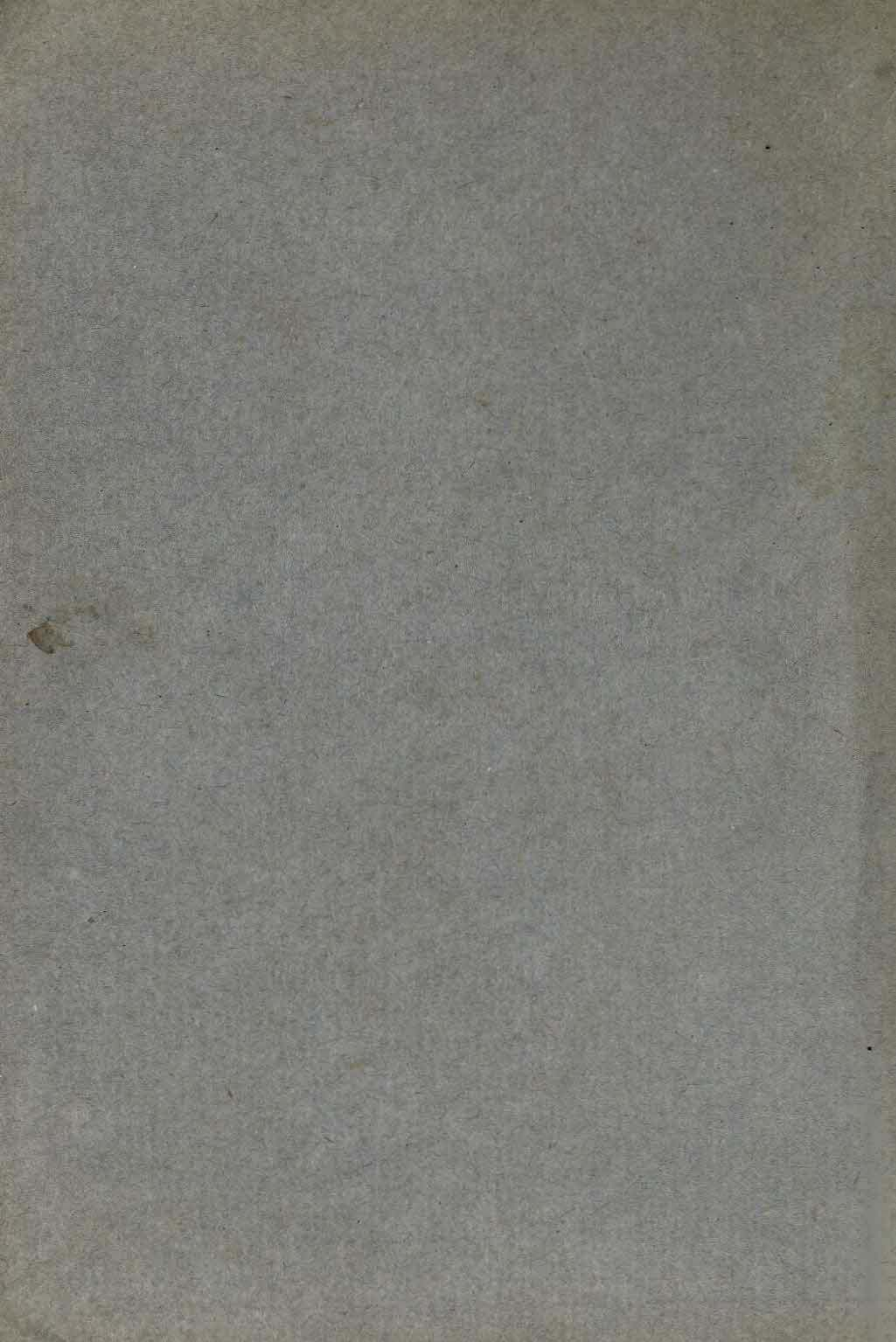
GOVERNMENT OF KERALA

ANNUAL SURVEY OF INDUSTRIES
KERALA STATE
1974-75

INDUSTRIAL STATISTICS UNIT
BUREAU OF ECONOMICS AND STATISTICS
TRIVANDRUM

June 1978

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ANNUAL SURVEY OF INDUSTRIES

KERALA STATE

1974-75

The Government of Kerala

1975

ANNUAL REPORT OF THE GOVERNMENT

OF KERALA

1979

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1979

PREFACE

This report on the "Annual Survey of Industries 1974-75" is the 10th publication in its series projecting the pattern of industrial growth in the factory sector of Kerala State. Besides presenting a few salient features of the factory sector, the districts have been ranked to highlight the comparative level of industrial development on the basis of certain selected economic indicators to help focus on the relative performance of the major industrial groups in the State.

The report has been prepared by Sri G. Surendranathan Nair, Assistant Director and T. V. Issac, Research Officer of the Industrial Statistics Unit assisted by Sri A. Sivarama Krishnan Nair, A. Sivaraman, (Research Assistants) and B. Ponnammal, G. Ramachandran Achari, P. A. Verughese, P. R. Vijayalekshmy and C. Padma (Compilers) of the Industrial Statistics Unit of this Bureau.

I hope that this report will be of much use to Planners, Administrators and Researchers.

Trivandrum,
June 1978.

DR. P. A. NAIR,
Director.

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SECTION I

INDUSTRIES IN KERALA (FACTORY SECTOR)

Annual Survey of Industries 1974-75

The Annual Survey of Industries is the only source of data on registered industries in the State. The survey covers all the factories registered under section 2 (m) of the Factories Act of 1948.

The object of the Annual Survey of Industries is to obtain comprehensive data on the functioning of the registered factories. The survey had two parts (1) census part and (2) the sample part. The factories in the State are registered under sections 2m (1) and 2m (2) of the Factories Act, 1948. (1) Census part covers all factories employing 50 or more workers and using power and those employing 100 or more workers and not using power (2) Sample part covers all factories employing 10 to 49 workers and using power and those employing 20 to 99 workers and not using power. The census part aggregates were added to the estimated totals of the non census part (or sample part) to obtain results relating to the entire factory sector of Kerala State.

There were 2727 registered factories in Kerala during 1974-75 but only details in respect of 2318 (85 per cent) factories were available for the present study. Of the 2318 factories covered in the study of Annual Survey of Industries 1974-75, 904 (39 per cent) factories came under census part and the remaining 1414 of factories came under sample part. In this report the details of industries having less than three factories either in each of the district or in the State as a whole had been combined and given under the category "Other Industries" so as to avoid the possibility of revealing information pertaining to a single factory. About 85 per cent of the registered factories reported during 1974-75. These factories had utilised a fixed capital of Rs. 438.51 crores producing Rs. 779.94 crores worth of output, generating employment for Rs. 2.43 lakhs of persons and paying Rs. 84.51 crores by way of emoluments. The value added by manufacture during the year was Rs. 156.54 crores. The Annual Survey of Industries 1974-75 covered the period from 1st of April 1974 to 31st March 1975 and the details of factories which closed their accounts on any day during the above period have been considered.

CONCEPTS AND DEFINITION

The following concepts and definitions were adopted for the survey :—

Registered Factories

1. This refers to factories registered under section 2m (1) and 2m (2) of the Factories Act, 1948.

2. *Fixed Capital*.—Comprises all fixed assets, new and used, of the factory that have a normal economic life of more than one year. This includes land, improvements to land and other constructions, buildings, plant and machinery, transport equipments, tools, furniture, etc.

3. *Productive Capital*.—Productive capital consists of fixed capital and working capital.

4. *Working Capital*.—Working capital comprises stock at the end of the accounting year of the materials, stores, fuels, etc., semifinished products, products and by-products, cash in hand and at bank, etc. It includes fixed deposits as well as long term loans and investments.

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

6. *Outstanding loans*.—This item represents all loans whether short term or long term and whether bearing or not, remaining outstanding at the close of the accounting year.

7. *Workers*.—The term worker is used in the same sense as defined in the section 2m(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 the cleaning of machinery or premises used for manufacturing process and excludes persons holding position of supervision and management. It includes apprentices as well as persons employed through contractors.

8. *All employees*.—This includes both workers and other persons engaged by the factory in work connected directly or indirectly in the manufacturing process.

9. *Wages to Workers*.—Wages include all payments made to workers in cash or compensation for work done during the year.

All remunerations, capable of being expressed in terms of money paid to workers regularly for each pay period and in terms of contract employment constitute wages.

10. *Total Emoluments*.—Besides salaries and wages paid during the year this includes all bonus and overtime payments made in the reference year. It also includes value of payments in kind. Factory expenses in the shape of employers contribution to Provident Fund, Pension, Gratuity, etc., are however excluded.

11. *Total input*.—Comprises all manufacturing costs of the factory. This represents the value of materials, fuels, etc., consumed for manufacture as well as repairs and maintenances during the reference year.

12. *Total output.*—This represents the ex-factory value of products, work done to customers and net balance of semifinished goods at the beginning and end of the accounting year and the sale value of goods sold in the same condition as purchased.

13. *Depreciation.*—It is taken as provided for the reference year by the factory or estimated on the basis of the cost of installation and working life of the fixed assets calculated in terms of the number of years.

14. *Value added by manufacture (net output).*—This represents the value of the product that is created in the factory and is computed by deducting the value of materials input and depreciation from the value of total output.

Industrial Characteristics

The growth of registered industries in the factory sector is given in Table 1. Table 2 gives the distribution of registered factories and the census sector factories.

There was an overall increase of 53·29 per cent in the number of registered factories during the period from 1962 to 1974, giving an average annual growth rate of more than 4 per cent in their number

TABLE 1

Number of registered factories

<i>Year</i>	<i>Number</i>	<i>Percentage of increase over previous year</i>	<i>Percentage increase over 1962</i>
(1)	(2)	(3)	(4)
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	2·60
1972	N.A.	N.A.	N.A.
1973-74	2608	10·90	46·60
1974-75	2727	4·56	53·29

Table 2 presents the distribution of factories during 1974-75 according to their type. Tea processing, cashewnut processing, handlooms, sawmills, manufacturing of rubber products, manufacture of structural clay products, and repair of motor vehicles are the important industries which record a considerable number among the factories in the State. These industries altogether cover about 56 per cent of the total registered factories of the State and 63 per cent of the factories in the census sector.

TABLE 2

Distribution of factories

Sl. No.	Code	Name of industry	No. of factories	
			Registered	Census
(1)	(2)	(3)	(4)	(5)
1.	40	Generation and transmission of electric energy ..	7	7
2.	200	Slaughtering and preparation and preservation of meat ..	2	1
3.	201	Manufacture of dairy products ..	4	1
4.	202	Canning and preservation of fruits and vegetables ..	13	7
5.	203	Canning and processing of fish ..	71	30
6.	204	Manufacture of grain mill products ..	53	3
7.	205	Manufacture of bakery products ..	5	2
8.	206	Manufacture and refining of sugar ..	3	3
9.	209	Manufacture of sugar confectionary ..	2	1
10.	210	Manufacture of hydrogenated oils and vanaspathy ..	2	1
11.	211	Manufacture of other edible oils ..	57	11
12.	212	Tea processing ..	142	78
13.	213	Coffee curing, roasting and grinding ..	19	7
14.	214	Cashewnut processing ..	299	235
15.	215	Manufacture of ice ..	3	1

TABLE 2—(cont.)

Sl. No.	Code	Name of industry	No. of factories	
			Registered	Census
(1)	(2)	(3)	(4)	(5)
16.	216	Manufacture of prepared animal feeds ..	3	2
17.	217	Manufacture of starch ..	5	3
18.	219	Manufacture of food products—others	10	1
19.	220	Distilling and blending of spirits	3	1
20.	222	Manufacture of malt liquors and malt ..	1	1
21.	223	Production of country liquor and toddy ..	1	1
22.	224	Soft drinks and carbonated water ..	2	1
23.	226	Manufacture of beedi ..	5	..
24.	227	Manufacture of cigars and cigarettes ..	1	..
25.	229	Manufacture of tobacco and tobacco products ..	2	1
26.	230	Cotton ginning, cleaning and baling ..	2	1
27.	231	Cotton spinning and weaving in mills ..	21	20
28.	232	Printing and dyeing of cotton textiles ..	5	1
29.	235	Weaving and finishing of textiles—handlooms ..	119	24
30.	236	Weaving and finishing—power-looms ..	15	4
31.	247	Spinning and weaving of other textiles ..	4	3
32.	260	Knitting mills ..	6	4
33.	261	Manufacture of ropes and twines ..	1	1
34.	262	Embroidery making ..	2	1
35.	264	Manufacture of textile garments and wearing apparel ..	2	1

TABLE 2—(cont.)

Sl. No.	Code	Name of industry	No. of factories	
			Registered	Census
(1)	(2)	(3)	(4)	(5)
36.	265	Manufacture of rain coats and hats ..	9	1
37.	268	Manufacture of coir and coir products ..	90	26
38.	270	Manufacture of veneers and plywood ..	49	28
39.	271	Sawmills ..	492	98
40.	272	Cane and bamboo works ..	15	2
41.	273	Manufacture of wooden doors and windows ..	4	1
42.	274	Manufacture of wooden industrial goods ..	6	2
43.	276	Manufacture of wooden furniture and fixtures ..	23	5
44.	280	Manufacture of paper and paper board ..	6	2
45.	281	Manufacture of containers and boxes of paper ..	15	4
46.	284	Printing and publishing of newspapers ..	23	14
47.	285	Printing and Publishing of books and journals ..	71	9
48.	288	Book binding ..	2	1
49.	289	Printing picture and post cards ..	39	5
50.	300	Tyre and tube industries ..	20	6
51.	301	Manufacture of footwear—rubber ..	2	..
52.	302	Manufacture of rubber products—others ..	104	28
53.	303	Manufacture of plastic and plastic products ..	9	1
54.	310	Manufacture of organic and inorganic chemicals ..	19	7
55.	311	Manufacture of fertilisers and pesticides ..	27	8

TABLE 2—(cont.)

Sl. No.	Code	Name of industry	No. of factories	
			Registered	Census
(1)	(2)	(3)	(4)	(5)
56.	312	Manufacture of paints and varnishes ..	1	..
57.	313	Manufacture of drugs and medicines ..	32	6
58.	314	Manufacture of perfumes and lotions ..	8	4
59.	315	Manufacture of inedible oils ..	2	..
60.	316	Manufacture of turpentine ..	10	1
61.	317	Manufacture of matches ..	9	1
62.	318	Manufacture of ammunitions and fire works ..	4	1
63.	319	Manufacture of chemical products—others ..	2	1
64.	320	Manufacture of structural clay products ..	283	116
65.	321	Manufacture of glass and glass products ..	3	2
66.	322	Manufacture of earthenware and pottery ..	2	1
67.	323	Manufacture of chinaware and porcelain ware ..	5	1
68.	324	Manufacture of cement ..	4	2
69.	326	Manufacture of structural stone goods ..	2	1
70.	329	Manufacture of non-metallic mineral products ..	4	1
71.	330	Iron and steel industries ..	8	5
72.	331	Casting and forging of iron and steel ..	33	8
73.	334	Brass manufacturing ..	2	1
74.	335	Aluminium manufacturing ..	5	2
75.	336	Zinc manufacturing ..	2	1
76.	339	Other non-ferrous metal industries ..	2	1

TABLE 2—(cont.)

Sl. No.	Code	Name of industry	No. of factories	
			Registered	Census
(1)	(2)	(3)	(4)	(5)
77.	340	Manufacture of metal cans and tin plate ..	48	6
78.	341	Manufacture of structural metal products ..	21	3
79.	342	Manufacture of metal furniture and fixtures ..	4	1
80.	343	Manufacture of hand tools and hardware ..	19	4
81.	344	Plating and polishing of metal products ..	3	2
82.	345	Manufacture of metal utensils and cutlery ..	21	4
83.	349	Manufacture of metal products—others ..	5	5
84.	350	Manufacture of agricultural machinery and equipments ..	9	5
85.	352	Manufacture of boilers and steam plants ..	1	..
86.	353	Industrial machinery for food and textiles ..	6	2
87.	354	Industrial machinery for other than food ..	8	1
88.	356	Manufacture of non-electrical machinery ..	5	..
89.	357	Manufacture of machine tools ..	8	3
90.	358	Manufacture of computing machinery and parts ..	4	..
91.	359	Manufacture of sewing machines ..	14	5
92.	370	Manufacture of transformers and electricals ..	20	9
93.	361	Manufacture of insulated wires and cables ..	4	2
94.	362	Manufacture of dry and wet batteries ..	1	1

TABLE 2—(cont.)

Sl. No.	Code	Name of industry	No. of factories	
			Registered	Census
(1)	(2)	(3)	(4)	(5)
95.	363	Manufacture of electrical lamps and bulbs ..	2	1
96.	364	Manufacture of radio and television ..	3	2
97.	366	Manufacture of electronic computers ..	1	1
98.	367	Manufacture of electric components and accessories ..	1	1
99.	369	Manufacture of electrical machinery ..	3	2
100.	370	Ship building and repairing ..	19	9
101.	374	Manufacture of motor vehicles and parts ..	1	1
102.	376	Manufacture of bicycles and cycle rickshaws ..	8	2
103.	378	Manufacture of hand carts and push carts ..	1	..
104.	379	Manufacture of transport equipments—others ..	1	..
105.	380	Manufacture of medical and surgical equipments ..	5	2
106.	382	Manufacture of watches and clocks ..	1	1
107.	387	Manufacture of pen and pencils ..	4	..
108.	389	Manufacture of jewellery articles ..	5	1
109.	420	Water supply and collection ..	3	..
110.	910	Sanitary services ..	1	..
111.	961	Laundry services ..	3	1
112.	972	Electrical repair shops ..	3	..
113.	973	Repair of motor vehicles ..	113	28
114.	979	Repair of enterprises ..	6	1
Total ..			2727	964

2. Registered Industries

Sawmills.—There were 492 registered sawmills in the State, 98 of them were large establishments which came under census part and the remaining 394 were under sample part. In other words 20 per cent of the sawmills were under census part.

Cashew processing.—78·6 per cent of the cashew processing factories were big factories. Out of 299 cashew processing factories only 54 were under sample part for the survey.

Manufacture of structural clay products.—Of 283 factories manufacturing structural clay products, 116 were under census part. In other words 59 per cent of the factories were small factories employing less than 50 workers.

Tea processing.—There were 142 tea processing units and 78 of them were big factories employing more than 50 workers. Only 64 of them were under sample part (55 per cent of the factories were big establishments).

Weaving and finishing of textiles—Handloom.—Most of the units were small units and were in the sample part. Only 20 per cent of the units (24 units) were seen in the census part.

Repair of motor vehicles.—Seventy-five per cent of the industrial establishments engaged in repair of motor vehicles were small units and 25 per cent (28 nos.) were big enough to come under census part.

Manufacture of rubber products.—Of 104 units reported during 1974-75, 26·9 per cent were big factories and the remaining were small units.

Manufacture of coir and coir products.—There were 90 registered factories during 1974-75, of which, 28·9 per cent were under census part.

Canning and Processing of fish.—There were 71 registered industrial establishments engaged in canning and processing of fish. 42 per cent of these factories were big factories engaging more than 50 workers.

Printing and Publishing of Books and Journals.—Most of the Industrial establishments were small units employing less than 50 workers. Sixty-two units out of 71 were small units. Only 12·7 per cent were big establishments.

Manufacture of other edible oils.—There were 57 units in the State. 19.3 per cent of them came under sample part.

Manufacture of grain mill products.—Ninety-six per cent of the units were under sample sector employing less than 50 workers. There were 53 registered factories engaged in the manufacture of grain mill products.

Manufacture of veneers and plywood.—There were 49 registered units, 57 per cent of them were engaging 50 or more workers.

Printing and Publishing of Newspapers.—Only 23 units were registered in the State of which 14 were in the census sector engaging more than 50 workers (60.8 per cent).

Cotton spinning and weaving mills.—Out of 21 units, registered 20 units were in the census sector.

Manufacture of transformers and electricats.—There were 20 units registered of which, 9 were in the census part. They were big establishments engaging more than 50 workers.

The Table 2 (a) gives the list of industries in the State with 20 or more registered units (both census and samples). It may be seen that out of 114 types of industries listed in Table 2 only 25 have qualified to be included under this category.

TABLE 2 (a)

Industries with 20 or more units in Kerala

Serial number	Industrial Code No. and description	No. of factories under census Part A	No. of factories under sample Part B	Total C	Percentage of factories under census $(\frac{A}{C} \times 100)$
1	2	3	4	5	6
1	271 Saw mills ..	98	394	492	19.92
2	214 Cashewnut processing ..	235	54	299	78.60
3	320 Structural clay products ..	116	167	283	40.99
4	212 Tea processing ..	78	64	142	54.93
5	235 Weaving and finishing of textiles—Handloom ..	24	95	119	20.17

TABLE 2 (a)—(cont.)

Serial number	Industrial Code No. and description	No. of factories under census Part A	No. of factories under sample Part B	C Total	Percentage of factories under census $\frac{A}{C} \times 100$
1	2	3	4	5	5
6	973 Repair of motor vehicles ..	28	85	113	24.78
7	302 Rubber products and others ..	28	76	104	26.92
8	268 Coir and coir products ..	26	64	90	28.89
9	203 Canning and preserving of fish ..	30	41	71	42.25
10	285 Printing books and journals ..	9	62	71	12.68
11	211 Manufacture of other edible oils ..	11	46	57	19.30
12	204 Grain mill products ..	3	50	53	5.66
13	270 Manufacture of plywood ..	28	21	49	57.14
14	340 Manufacture of metal products except transport equipments ..	6	42	48	12.50
15	289 Printing picture and post cards ..	5	34	39	12.82
16	331 Casting iron and steel ..	8	25	33	24.24
17	313 Drugs and medicines ..	6	26	32	18.75
18	311 Basic heavy organic chemicals..	8	19	27	29.63
19	276 Wooden furniture ..	5	18	23	21.74
20	284 Printing newspapers ..	14	9	23	60.87
21	231 Cotton spinning and weaving..	20	1	21	95.24
22	341 Structural metal products ..	3	18	21	14.29
23	345 Metal utensils and cutlery ..	4	17	21	19.05
24	300 Tyres and tubes ..	6	14	20	30.00
26	360 Manufacture of transformers ..	9	11	20	45.00

3. Fixed capital

The fixed capital investment in the reported factories (census and sample together) is estimated at Rs. 439 crores during 1974-75. Nearly 50 per cent of the investment was concentrated in the generation and transmission of electric energy. The average fixed capital per unit is also highest in this sector. The list of industries having a fixed capital of 100 lakhs and above during the year 1974-75 is given in Table 3. The industries are arranged in the descending order of fixed capital utilised by the industry.

TABLE 3
Industries according to fixed capital

Serial number	Code	Name of industry	Units No.	Fixed capital	
				(Rs. in lakhs) Total	Per unit
1	2	3	4	5	6
1	40	Generation and transmission of electric energy ..	5	21786.57	4357.31
2	311	Manufacture of fertilizers and pesticides ..	12	7201.02	600.85
3	310	Manufacture of organic and inorganic chemicals ..	17	2742.76	161.34
4	316	Manufacture of turpentine ..	5	890.08	178.02
5	231	Cotton spinning and weaving in mills ..	20	850.52	42.52
6	357	Manufacture of machine tools ..	5	635.95	127.19
7	302	Manufacture of rubber products— Others ..	84	494.17	5.88
8	203	Canning, preserving and processing of fish ..	63	409.70	6.50
9	280	Manufacture of paper and paper board ..	8	405.21	50.65
10	212	Tea processing ..	107	333.96	3.12
11	320	Manufacture of structural clay products ..	247	332.71	1.35
12	247	Spinning, weaving and finishing of other textiles ..	3	305.10	101.70
13	360	Manufacture of transformers and electricals ..	15	279.72	18.64
14	330	Iron and steel industries ..	7	273.70	39.10
15	321	Manufacture of glass and glass products ..	4	253.52	63.38
16	270	Manufacture of veneer and plywood ..	34	248.84	7.31
17	363	Manufacture of electric lamps and bulbs ..	5	238.96	49.60
18	300	Tyre and tube industries ..	18	231.67	12.87
19	361	Manufacture of insulated wires and cables ..	8	211.11	26.39
20	331	Casting and forging of iron and steel ..	28	181.87	6.48
21	323	Manufacture of chinaware and porcelain ware ..	3	174.03	58.01
22	271	Sawing and planing of wood ..	374	159.34	0.42
23	340	Manufacture of metal cans and tin plate ..	44	155.56	3.54
24	284	Printing and publishing of newspapers ..	14	151.36	10.81
25	214	Cashewnut processing ..	270	149.41	0.55
26	285	Printing and publishing of books and journals ..	71	147.87	2.08

TABLE 3—(cont.)

Serial number	Code	Name of industry	Units No.	Fixed capital	
				(Rs. in lakhs) Total	Per unit
1	2	3	4	5	6
27	314	Manufacture of perfumes and lotions	8	131.59	16.45
28	973	Repair of motor vehicles	94	130.53	1.39
29	268	Manufacture of coir and coir products	74	117.94	1.59
30	214	Manufacture of other edible oils	57	104.14	1.82
31		Other industries	619	4122.37	6.66
		Total	2318	43850.78	18.92

4. Working capital

The registered factories reported during 1974-75 had a total working capital of Rs. 140 crores as against Rs. 78 crores in 1970, Rs. 89 crores in 1971 and Rs. 124 crores in 1973-74. There were 28 industrial groups having a working capital of Rs. 100 lakhs and more during the year 1974-75. The industrial groups arranged in the descending order according to the working capital employed are given in Table 4.

Electricity alone accounted for 12.40 per cent of working capital investment in the factory sector during the year under report. This is short of 3.6 per cent compared to the previous year.

TABLE 4

Industries according to working capital

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)	
			Total	Per unit
(1)	(2)	(3)	(4)	(5)
1.	40	Generation and transmission of electric energy	1,730.69	346.14
2.	311	Manufacture of fertilizers and pesticides	1,356.66	113.06

TABLE 4—(cont.)

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)	
			Total	Per unit
(1)	(2)	(3)	(4)	(5)
3.	214	Cashewnut processing	1,172.51	4.34
4.	300	Tyre and tube industries	638.61	35.48
5.	247	Spinning, weaving and finishing of other textiles	606.02	202.01
6.	310	Manufacture of organic and inorganic chemicals	532.43	31.32
7.	231	Cotton spinning and weaving in mills	490.51	24.53
8.	360	Manufacture of transformers and electricals	482.54	32.17
9.	302	Manufacture of rubber products—Others	377.23	4.49
10.	361	Manufacture of insulated wires and cables	300.11	37.51
11.	357	Manufacture of machine tools	288.36	57.67
12.	314	Manufacture of perfumes and lotions	266.13	33.27
13.	331	Casting and forging of iron and steel	259.88	9.28
14.	270	Manufacture of veneer and plywood	238.63	7.02
15.	341	Manufacture of structural metal products	222.13	7.66
16.	284	Printing and publishing of newspapers	218.53	15.61
17.	203	Canning, preserving and processing of fish	214.56	3.41
18.	212	Tea processing	202.00	1.89
19.	320	Manufacture of structural clay products	193.58	0.78
20.	316	Manufacture of turpentine	192.22	38.44
21.	211	Manufacture of other edible oils	190.06	3.33

TABLE 4—(cont.)

Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)	
			Total (4)	Per unit (5)
(1)	(2)	(3)		
22.	340	Manufacture of metal cans and tin plate	186.10	4.23
23.	217	Manufacture of starch	184.87	36.97
24.	268	Manufacture of coir and coir products	158.85	2.28
25.	271	Sawing and planing of wood	153.87	0.41
26.	235	Weaving and finishing of cotton textiles—Hand-loom	132.66	1.35
27.	285	Printing and publishing of books and journals	122.61	1.75
28.	280	Manufacture of paper and paper board	107.60	13.45
29.		Other industries	2,726.48	4.58
		Total	13,956.43	6.02

5. Productive capital

The productive capital is the sum total of fixed and working capitals. There were 36 industrial groups having a productive capital of Rs. 100 lakhs and above during the year. The industrial groups according to productive capital arranged in the descending order is given in Table 5.

More than 40 per cent of the productive capital investment in the factory sector of industries was seen in the generation and transmission of electrical energy. An increase of 8 per cent in the productive capital under this item was reported during 1974-75. The average productive capital per unit was also highest in the generation and transmission of electrical energy industry.

TABLE 5

Industries according to productive capital

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)	
			Total (4)	Per unit (5)
(1)	(2)	(3)		
1.	40	Generation and transmission of electric energy	.. 23517.26	4703.45
2.	311	Manufacture of fertilizers and pesticides	.. 8557.68	713.14
3.	310	Manufacture of organic and inorganic chemicals	.. 3275.19	192.66
4.	231	Cotton spinning and weaving mills	.. 1341.03	67.05
5.	214	Cashewnut processing	.. 1321.92	4.90
6.	316	Manufacture of turpentine	.. 1082.30	216.46
7.	357	Manufacture of machine tools and accessories	.. 924.31	184.86
8.	247	Spinning, weaving and finishing of other textiles	.. 911.12	303.71
9.	302	Manufacture of other rubber products	.. 871.40	10.37
10.	300	Tyre and tube industries	.. 870.28	48.35
11.	360	Manufacture of transformers, electricals, etc.	.. 762.46	50.83
12.	203	Canning, preserving and processing of fish and similar foods	.. 624.26	9.91
13.	212	Tea processing	.. 535.96	5.01
14.	320	Manufacture of structural clay products	.. 526.29	2.13
15.	280	Manufacture of paper and paper board	.. 512.81	64.10
16.	361	Manufacture of insulated wires and cables	.. 511.22	63.90
17.	270	Manufacture of veneer and plywood	.. 487.47	14.34
18.	331	Casting and forging of iron and steel	.. 441.25	15.76

TABLE 5—(cont.)

Sl. No.	Code	Name of industry	Productive capital (Rs. in lakhs)	
			Total	Per unit
(1)	(2)	(3)	(4)	(5)
19.	314	Manufacture of perfumes and lotions	397.72	49.72
20.	284	Printing and publishing of newspapers	369.89	26.42
21.	340	Manufacture of metal cans and tin plates	341.66	7.77
22.	330	Iron and steel industries	319.96	45.71
23.	271	Saw mills	313.21	0.84
24.	341	Manufacture of structural metal products	301.80	10.41
25.	211	Manufacture of other edible oils	294.20	5.16
26.	268	Manufacture of coir and coir products	286.79	3.88
27.	217	Manufacture of starch	272.57	57.36
28.	285	Printing and publishing of books and journals	270.48	3.81
29.	321	Manufacture of glass and glass products	263.19	65.80
30.	363	Manufacture of electric lamps and bulbs	245.44	49.07
31.	323	Manufacture of chinaware and porcelain ware	195.21	65.07
32.	235	Weaving and finishing of cotton textiles in power-looms	180.00	5.14
33.	973	Repair of motor vehicles	169.62	1.80
34.	313	Manufacture of drugs and medicines	140.43	5.40
35.	370	Ship building and repairing	112.60	4.90
36.	289	Printing of picture and post cards	100.26	2.86
37.		Other industries	6157.97	15.36
Total			57807.21	24.94

6. Invested capital

Invested capital is the sum total of fixed capital and physical working capital. There were 36 Industry groups having invested capital of Rs. 100 lakhs and more during the year under review.

Table 6 gives these industrial groups arranged in the descending order of invested capital. 37.3 per cent of the invested capital of the State had been used by the generation and transmission of electric energy industry.

TABLE 6
Industries according to invested capital

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)	
			Total	Per unit
(1)	(2)	(3)	(4)	(5)
1.	40	Generation and transmission of electric energy	23,464.83	4,692.97
2.	311	Manufacture of fertilizers and pesticides	8835.59	736.30
3.	310	Manufacture of organic and inorganic chemicals	3595.39	211.49
4.	231	Cotton spinning and weaving mills	1786.74	83.3
5.	214	Cashewnut processing	1534.61	5.68
6.	316	Manufacture of turpentine	1064.38	212.88
7.	357	Manufacture of machine tools and accessories	1053.77	210.75
8.	360	Manufacture of transformers, electricals, etc.	952.74	63.52
9.	302	Manufacture of other rubber products	890.45	10.60
10.	300	Tyre and tube industries	878.88	48.83
11.	247	Spinning, weaving and finishing of other textiles	862.36	287.45
12.	314	Manufacture of perfumes and lotions	808.59	101.07
13.	203	Canning, preserving and processing of fish and other sea foods	694.55	11.02

TABLE 6—(cont.)

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)	
			Total	Per unit
(1)	(2)	(3)	(4)	(5)
14.	280	Manufacture of paper and paper board ..	603.24	75.41
15.	320	Manufacture of structural clay products ..	546.23	2.21
16.	212	Tea processing ..	536.97	5.02
17.	330	Iron and steel industries ..	528.10	75.44
18.	270	Manufacture of veneer and plywood ..	505.23	14.86
19.	361	Manufacture of insulated wires and cables ..	485.96	60.75
20.	331	Casting and forging of iron and steel ..	458.04	16.36
21.	340	Manufacture of metal cans and tin plates ..	383.95	8.73
22.	363	Manufacture of electric lamps and bulbs ..	340.45	68.09
23.	268	Manufacture of coir and coir products ..	334.72	4.52
24.	341	Manufacture of structural metal products ..	327.55	11.29
25.	284	Printing and publishing of newspapers ..	283.48	20.25
26.	211	Manufacture of other edible oils ..	276.47	4.85
27.	321	Manufacture of glass and glass products ..	264.60	66.15
28.	285	Printing and publishing of books and journals ..	248.89	3.51
29.	271	Saw mills ..	247.59	0.66
30.	217	Manufacture of starch ..	228.79	45.76
31.	323	Manufacture of chinaware and porcelain ware ..	216.69	72.23
32.	313	Manufacture of drugs and medicines ..	192.59	7.41
33.	235	Weaving and finishing of cotton textiles in power-looms ..	167.61	1.71

TABLE 6—(cont.)

Sl. No.	Code	Name of industry	Invested capital (Rs. in lakhs)	
			Total	Per unit
(1)	(2)	(3)	(4)	(5)
34.	370	Ship building and repairing ..	145.91	6.34
35.	973	Repair of motor vehicles ..	117.47	1.25
36.	350	Manufacture of agricultural machinery and equipments ..	104.99	15.00
37.		Other industries ..	8,914.81	20.93
		Total ..	62,883.21	27.13

7. Outstanding loans

The reported factories had an outstanding loan of Rs. 397.50 crores during the year, as against Rs. 410.07 crores during the previous year. There were 26 Industrial groups having an outstanding loan of Rs. 100 lakhs and above during the year under report. The list of these industrial groups in descending order according to loans outstanding is given in Table 7.

TABLE 7

Industries according to outstanding loans

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)	
			Total	Per unit
(1)	(2)	(3)	(4)	(5)
1.	40	Generation and transmi- ssion of electric energy ..	23197.69	4639.54
2.	311	Manufacture of fertilizers and pesticides ..	3142.10	261.84
3.	310	Manufacture of organic and inorganic chemicals ..	1751.57	103.03
4.	231	Cotton spinning and weaving mills ..	1015.76	50.79
5.	314	Manufacture of perfumes and lotions ..	743.64	92.96
6.	214	Cashewnut processing ..	733.50	2.72
7.	203	Canning, preserving and processing of fish and similar foods ..	542.04	8.60

TABLE 7—(cont.)

Sl. No.	Code	Name of industry	Outstanding loans (Rs. in lakhs)	
			Total	Per unit
(1)	(2)	(3)	(4)	(5)
8.	360	Manufacture of Transformers, electrical, etc. ..	479.33	31.96
9.	361	Manufacture of insulated wires and cables ..	386.43	48.30
10.	300	Tyre and tube industries ..	376.83	20.94
11.	330	Iron and steel Industries ..	361.49	51.64
12.	268	Manufacture of coir and coir products ..	344.32	4.65
13.	331	Casting and forging of iron and steel ..	311.11	11.11
14.	302	Manufacture of other rubber products ..	297.89	3.55
15.	357	Manufacture of machine tools and accessories ..	225.25	45.05
16.	270	Manufacture of veneer and plywood ..	213.40	6.28
17.	363	Manufacture of electric lamps and bulbs ..	208.83	41.77
18.	247	Spinning weaving and finishing of other textiles ..	195.80	65.27
19.	280	Manufacture of paper and paper board ..	189.38	23.67
20.	320	Manufacture of structural clay products ..	176.77	0.72
21.	284	Printing and publishing of newspapers ..	167.87	11.99
22.	323	Manufacture of china ware and porcelain ware ..	142.91	47.64
23.	340	Manufacture of metal cans and tin plates ..	138.94	3.16
24.	217	Manufacture of starch ..	117.40	23.48
25.	350	Manufacture of agricultural machinery and equipments ..	109.57	15.65
26.	341	Manufacture of structural metal products ..	102.31	3.53
27.		Other industries ..	4,078.13	3.17
Total ..			39,750.26	17.15

8. Employment

Out of 2.43 lakhs of employees working under the factory sector in the State during the year, 2.08 lakhs were workers. There were only 18 industrial groups employing more than 2000 workers (Table 9).

Cashewnut processing accounted for nearly half of the total number of workers in the factory sector of the State. Details of employment in the different industries are given in Table 8.

TABLE 8

Industries according to number of workers

Sl. No.	Code	Name of industry	Workers	
			Total	No. per unit
(1)	(2)	(3)	(4)	(5)
1.	214	Cashewnut processing ..	99618	369
2.	40	Generation and transmission of electric energy ..	15847	3169
3.	320	Manufacture of structural clay products ..	11956	48
4.	231	Cotton spinning and weaving mills ..	9573	478
5.	271	Saw mills ..	7543	20
6.	212	Tea processing ..	4653	43
7.	235	Weaving and finishing of cotton textiles in power-looms ..	4073	41
8.	311	Manufacture of fertilizers and pesticides ..	3452	287
9.	302	Manufacture of other rubber products ..	2921	34
10.	973	Repair of motor vehicles ..	2767	29
11.	270	Manufacture of veneer and plywood ..	2548	74
12.	268	Manufacture of coir and coir products ..	2501	33

TABLE 8—(cont.)

<i>St. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Workers</i>	
			<i>Total</i>	<i>No. per unit</i>
(1)	(2)	(3)	(4)	(5)
13.	203	Canning, preserving and processing of fish and similar foods ..	2227	35
14.	235	Printing and publishing of books and journals ..	2185	30
15.	310	Manufacture of organic and inorganic chemicals ..	2073	121
16.	370	Ship building and repairing ..	1778	77
17.	360	Manufacture of transformers, electricals, etc. ..	1695	113
18.	357	Manufacture of machine tools and accessories ..	1620	324
19.	247	Spinning, weaving and finishing of other textiles ..	1341	447
20.	300	Tyre and tube industries ..	1290	71
21.	314	Manufacture of perfumes and lotions ..	1140	142
22.	280	Manufacture of paper and paper board ..	1030	128
23.	331	Casting and forging of iron and steel ..	1026	36
24.	340	Manufacture of metal cans and tin plates ..	968	22
25.	284	Printing and publishing of newspapers ..	249	67
26.	313	Manufacture of drugs and medicines ..	874	33
27.	211	Manufacture of other edible oils ..	659	11
28.		Other industries ..	19716	39
		Total ..	208023	89

TABLE 9

Industries according to No. of employees

Sl. No.	Code	Name of industry	Employees	
			Total	No. Per units
(1)	(2)	(3)	(4)	(5)
1.	214	Cashewnut processing	104249	386
2.	40	Generation and transmission of electric energy	23429	4685
3.	320	Manufacture of structural clay products	13378	54
4.	231	Cotton spinning and weaving—Mills	10315	515
5.	271	Saw mills	8875	23
6.	212	Tea processing	5144	48
7.	235	Weaving and finishing of cotton textiles in powerlooms	4705	48
8.	311	Manufacture of fertilizers and pesticides	4702	391
9.	268	Manufacture of coir and coir products	3809	51
10.	302	Manufacture of other rubber products	3637	49
11.	973	Repair of motor vehicles	3318	35
12.	203	Canning, preserving and processing of fish and similar foods	3279	52
13.	270	Manufacture of veneer and plywood	3194	93
14.	310	Manufacture of organic and inorganic chemicals	3111	183
15.	285	Printing and publishing of books and journals	2701	38
16.	357	Manufacture of machine tools and accessories	2500	500
17.	360	Manufacture of transformers, electricals, etc.	2099	139
18.	370	Ship building and repairing	2029	88

TABLE 9—(cont.)

Sl. No.	Code	Name Industry	Employees	
			Total	No. Per units
(1)	(2)	(3)	(4)	(5)
19.	300	Tyre and tube industries	.. 1920	106
20.	247	Spinning, weaving and finishing of other textiles	.. 1701	567
21.	284	Printing and publishing of newspapers	.. 1633	116
22.	314	Manufacture of perfumes and lotions	.. 1519	189
23.	331	Casting and forging of iron and steel	.. 1392	49
24.	312	Manufacture of drugs and medicines	.. 1304	50
25.	340	Manufacture of metal cans and tin plates	.. 1283	29
26.	280	Manufacture of paper and paper board	.. 1273	159
27.	211	Manufacture of other edible oils	.. 1010	17
28.		Other Industries	.. 25,870	50
		Total	.. 243,429	105

9. Wages

An amount of Rs. 5,090 lakhs had been given as wages to workers during the year 1974-75 as against Rs. 4,680 lakhs during the previous year. The total emoluments paid all employees together amounted to Rs. 8,451 lakhs during the year as against Rs. 7,228 lakhs during the previous year.

List of industrial groups arranged according to the total wages of workers and total emoluments of employees in decending order is given in Tables 10 and 11 respectively.

TABLE 10

Industries according to wages to workers

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs) Total</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	732.63
2.	40	Generation and transmission of electric energy ..	602.75
3.	231	Cotton spinning and weaving—mills ..	465.40
4.	311	Manufacture of fertilizers and pesticides ..	319.06
5.	320	Manufacture of structural clay products ..	305.81
6.	310	Manufacture of organic and inorganic chemicals ..	179.54
7.	973	Repair of motor vehicles ..	138.65
8.	247	Spinning, weaving and finishing of other textiles ..	119.70
9.	271	Sawmills ..	111.05
10.	300	Tyre and tube industries ..	108.49
11.	285	Printing and publishing of books and journals ..	101.75
12.	357	Manufacture of machine tools and accessories ..	100.21
13.	302	Manufacture of other rubber products ..	96.56
14.	235	Weaving and finishing of cotton textiles in powerlooms ..	92.07
15.	270	Manufacture of veneer and plywood ..	83.60
16.	212	Tea processing ..	79.83
17.	314	Manufacture of perfumes and lotions ..	79.01
18.	360	Manufacture of transformers, electricals etc. ..	73.87
19.	370	Ship building and repairing ..	73.69
20.	280	Manufacture of paper and paper board ..	65.17
21.	268	Manufacture of coir and coir products ..	64.89

TABLE 10—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs) Total</i>
(1)	(2)	(3)	(4)
22.	203	Canning, preserving and processing of fish and similar products ..	51.31
23.	331	Casting and forging of iron and steel ..	48.43
24.	284	Printing and publishing of news papers ..	47.35
25.	313	Manufacture of drugs and medicines ..	33.75
26.	340	Manufacture of metal cans and tin plates ..	30.97
27.	211	Manufacture of other edible oils ..	15.08
28.		Other industries ..	879.21
		Total ..	5089.87

TABLE 11

Distribution of industries according to total emoluments

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages, salaries and other benefits to employees (Rs. in lakhs) Total</i>
(1)	(2)	(3)	(4)
1.	40	Generation and transmission of electric energy ..	1,375.60
2.	214	Cashewnut processing ..	1,010.28
3.	231	Cotton spinning and weaving—Mills ..	608.50
4.	311	Manufacture of fertilizers and pesticides ..	544.54
5.	320	Manufacture of structural clay products ..	372.66
6.	310	Manufacture of organic and inorganic chemicals ..	362.80

TABLE 11—(cont.)

<i>Sl No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages, salaries and other benefits to employees (Rs. in lakhs)</i>
(1)	(2)	(3)	<i>Total (₹)</i>
7.	357	Manufacture of machine tools and accessories	216.66
8.	300	Tyre and tube industries	209.81
9.	973	Repair of motor vehicles	190.05
10.	247	Spinning, weaving and finishing of other textiles	180.65
11.	302	Manufacture of other rubber products	173.00
12.	271	Sawmills	155.93
13.	270	Manufacture of veneer and plywood	139.36
14.	314	Manufacture of perfumes and lotions	137.99
15.	285	Printing and publishing of books and journals	134.38
16.	360	Manufacture of transformers, electricals etc.	133.81
17.	212	Tea processing	130.25
18.	235	Weaving and finishing of cotton textiles in powerlooms	127.77
19.	284	Printing and publishing of news paper	112.44
20.	203	Canning, Preserving and processing of fish and similar foods	111.14
21.	280	Manufacture of paper and paper board	104.57
22.	268	Manufacture of coir and coir products	99.52
23.	370	Ship building and repairing	95.88
24.	331	Casting and forging of iron and steel	83.76
25.	313	Manufacture of drugs and medicines	72.07
26.	340	Manufacture of metal cans and tin plates	54.39
27.	211	Manufacture of other edible oils	36.68
28.		Other industries	1,476.82
		Total	8,451.32

10. Average annual earnings

The average wages of a worker per annum in different industries during 1974-75 is given in Table 12.

The average annual wage of a worker in 1974-75 was about 2447 as against Rs. 2,241 in 1973-74. The manufacture of fertilizers and pesticides have given the highest average wage of Rs. 9,243 to its workers during 1974-75 which the lowest average annual wage of Rs. 735 was in cashew processing.

The data on the total wages, salaries and other benefits received by the employees in the different industries during the year are given in Table 13.

TABLE 12

Distribution of industries according to average wages per worker

Sl. No.	Code	Name of industry	Average wages per worker (Rupees)
(1)	(2)	(3)	(4)
1.	311	Manufacture of fertilizers and pesticides ..	9,242.76
2.	247	Spinning, weaving and finishing of other textiles ..	8,926.17
3.	310	Manufacture of organic and inorganic chemicals ..	8,660.88
4.	300	Tyre and tube industries ..	8,410.08
5.	314	Manufacture of perfumes and lotions ..	6,930.70
6.	280	Manufacture of paper and paper board ..	6,327.18
7.	357	Manufacture of machine tools and accessories ..	6,185.80
8.	973	Repair of motor vehicles ..	5,010.84
9.	284	Printing and publishing of news papers ..	4,989.46
10.	231	Cotton spinning and weaving—Mills ..	4,861.59
11.	331	Casting and forging of iron and steel ..	4,720.27

TABLE 12—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wage per workers (Rupees)</i>
(1)	(2)	(3)	(4)
12.	285	Printing and publishing of books and journals ..	4,656·75
13.	313	Manufacture of drugs and medicines ..	4,431·35
14.	360	Manufacture of transformers, electricals, etc. ..	4,358·11
15.	370	Ship building and repairing ..	4,144·54
16.	40	Generation and transmission of electric energy ..	3,803·56
17.	302	Manufacture of other rubber products ..	3,305·72
18.	270	Manufacture of veneer and plywood ..	3,281·00
19.	340	Manufacture of metal cans and tin plates ..	3,199·38
20.	268	Manufacture of coir and coir products ..	2,594·56
21.	320	Manufacture of structural clay products ..	2,557·80
22.	211	Manufacture of other edible oils ..	2,288·32
23.	203	Canning, preserving and processing of fish and similar foods ..	2,304·00
24.	235	Weaving and finishing of cotton textiles in powerlooms ..	2,260·50
25.	212	Tea processing ..	1,715·67
26.	271	Sawmills ..	1,472·23
27.	214	Cashewnut processing ..	735·44
28.		Other industries ..	4,459·37
		Total ..	<u>2,446·78</u>

The average emoluments per annum in different industries during the year are given in table 13.

TABLE 13

Arrangement of industries according to average emoluments per employee

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industries</i>	<i>Average wages, salaries and other benefits per employee Rs.</i>
(1)	(2)	(3)	(4)
1.	310	Manufacture of organic and inorganic chemicals ..	11,661·85
2.	300	Tyre and tube industries ..	10,927·60
3.	247	Spinning, weaving and finishing of other textiles ..	10,620·22
4.	270	Manufacture of veneer and plywood ..	9,568·68
5.	314	Manufacture of perfumes and lotions ..	9,084·26
6.	357	Manufacture of machine tools and accessories ..	8,666·40
7.	280	Manufacture of paper and paper board ..	8,214·45
8.	284	Printing and publishing of news papers ..	6,885·49
9.	360	Manufacture of transformers, electricals, etc. ..	6,374·94
10.	331	Casting and forging of iron and steel ..	6,017·24
11.	231	Cotton spinning and weaving—Mills ..	5,899·18
12.	40	Generation and transmission of electric energy ..	5,871·36
13.	340	Manufacture of metal cans and tin plates ..	5,760·72
14.	973	Repair of motor vehicles ..	5,727·85
15.	313	Manufacture of drugs and medicines ..	5,526·84
16.	285	Printing and publishing of books and journals ..	4,975·19

TABLE 13—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries, and other benefits per employee Rs.</i>
(1)	(2)	(3)	(4)
17.	370	Ship building and repairing	4,725.48
18.	302	Manufacture of other rubber products	4,692.16
19.	211	Manufacture of other edible oils	3,631.68
20.	203	Canning, preserving, and processing of fish and similar foods	3,389.45
21.	320	Manufacture of structural clay products	2,785.62
22.	235	Weaving and finishing of cotton textiles in powerlooms	2,715.62
23.	268	Manufacture of coir and coir products	2,612.76
24.	212	Tea processing	2,532.08
25.	271	Sawmills	1,756.96
26.	311	Manufacture of fertilizers and pesticides	1,158.10
27.	214	Cashewnut processing	969.10
28.		Other Industries	5,708.62
		Total	3,471.78

11. Input

The total input including depreciation in the factory sector during the year 1974-75 was Rs. 594 crores as against 388 crores during 1973-74. There were 38 industrial groups having a total input of more than Rs. 100 lakhs during the year.

The list of industrial groups arranged according to the total value of input in descending order is given in Table 14. Cashew processing tops the list having an input value of Rs. 6,131 lakhs.

TABLE 14

Industries according to total Input

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>	<i>Value of input required to produce Rs. 1,000 worth of output</i>
(1)	(2)	(3)	(4)	(5)
1.	214	Cashewnut processing	6,131.61	783
2.	311	Manufacture of fertilizers and pesticides	3,491.01	639
3.	211	Manufacture of other edible oils	3,164.35	970
4.	231	Cotton spinning and weaving mills	2,926.36	737
5.	310	Manufacture of organic and inorganic chemicals	2,669.02	691
6.	314	Manufacture of Perfumes and lotions	2,414.40	780
7.	302	Manufacture of other rubber products	2,383.23	805
8.	212	Tea processing	2,139.57	731
9.	203	Canning, preserving and processing of fish and other sea foods	2,088.29	888
10.	300	Tyre and tube industries	1,505.44	713
11.	268	Manufacture of coir and coir products	1,141.63	852
12.	316	Manufacture of turpentine	1,110.44	972
13.	247	Spinning, weaving and finishing of other textiles	971.93	714
14.	360	Manufacture of transformers electricals, etc.	804.80	735
15.	235	Weaving and finishing of cotton textiles in power-looms	766.03	785
16.	271	Sawmills	632.37	699
17.	270	Manufacture of veneer and plywood	624.93	674
18.	973	Repair of motor vehicles	586.25	716
19.	330	Iron and steel industries	572.24	894
20.	340	Manufacture of metal cans and tin plates	552.73	810

TABLE 14—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>	<i>Value of input required to produce Rs. 1,000 worth of output</i>
(1)	(2)	(3)	(4)	(5)
21.	361	Manufacture of insulated wires and cables	550.01	785
22.	40	Generation and transmission of electric energy	542.99	197
23.	217	Manufacture of starch	496.28	764
24.	202	Canning and preservation of fruits and vegetables	486.00	933
25.	280	Manufacture of paper and paper board	452.29	558
26.	284	Printing and publishing of news papers	437.20	670
27.	320	Manufacture of structural clay products	412.92	422
28.	331	Casting and forging of iron and steel	384.48	738
29.	357	Manufacture of machine tools and accessories	342.45	573
30.	313	Manufacture of drugs and medicines	297.97	642
31.	204	Grain mill products	245.43	829
32.	341	Manufacture of structural metal products	200.38	643
33.	363	Manufacture of electric lamps and bulbs	173.49	675
34.	205	Manufacture of bakery products	138.02	747
35.	324	Manufacture of cement	129.59	757
36.	285	Printing and publishing of books and journals	125.28	473
37.	345	Manufacture of metal utensils and cutlery	114.72	813
38.	350	Manufacture of agricultural machinery and equipments	113.00	600
39.		Other industries	17,338.89	874
		Total	59,658.02	764

12. Output

The total value of output (including services) rendered during the year 1974-75 amounted to Rs. 779.94 crores. There were about 34 industry groups which had a total value of output exceeding Rs. 200 lakhs during 1974-75. Cashewnut processing occupied the first place in the contribution of output which is followed by manufacture of fertilizers and pesticides.

A list of industries having a total output of Rs. 100 lakhs and more is given in Table 15. The output per employee per annum was maximum in the manufacture of other edible oils with Rs. 323 thousands and was minimum in the manufacture of structural clay products industry with only 7.3 thousands closely followed by cashewnut processing industry with 7.5 thousands as against a state average of Rs. 32 thousands.

TABLE 15

Industries according to total output

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>	<i>Output per employee (Rs. in '000)</i>
(1)	(2)	(3)	(4)	(5)
1.	214	Cashewnut processing ..	7,830.12	7.51
2.	311	Manufacture of fertilizer and pesticides ..	5,456.55	116.05
3.	231	Cotton spinning and weaving mills ..	3,968.37	38.47
4.	310	Manufacture of organic and inorganic chemicals ..	3,862.29	124.15
5.	211	Manufacture of other edible oils ..	3,260.56	322.83
6.	314	Manufacture of Perfumes and lotions ..	3,092.42	203.58
7.	302	Manufacture of rubber products (others) ..	2,958.20	80.23
8.	212	Tea processing ..	2,925.47	56.87
9.	40	Generation and transmission of electric energy ..	2,755.78	11.76

TABLE 15—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>	<i>Output per employee (Rs. in '000)</i>
(1)	(2)	(3)	(4)	(5)
10.	203	Canning, preserving and processing of fish and vegetables ..	2,351.03	71.70
11.	300	Tyre and tube industries ..	2,110.51	109.92
12.	247	Spinning, weaving and finishing of other textiles ..	1,360.86	80.00
13.	268	Manufacture of coir and coir products ..	1,338.96	35.15
14.	316	Manufacture of turpentine ..	1,141.31	131.45
15.	360	Manufacture of transformers, electricals, etc. ..	1,094.54	52.14
16.	320	Manufacture of structural clay products ..	976.66	7.80
17.	235	Weaving and finishing of cotton textiles in hand-looms ..	975.00	20.72
18.	270	Manufacture of veneer and plywood ..	925.91	28.99
19.	271	Sawing and planing of wood ..	903.64	10.18
20.	973	Repair of motor vehicles ..	818.51	24.67
21.	280	Manufacture of paper and paper board ..	816.97	64.18
22.	361	Manufacture of insulated wires and cables ..	700.38	88.43
23.	340	Manufacture of metal cans and tin plates ..	682.37	53.18
24.	284	Printing and publishing of news papers ..	652.52	39.96
25.	217	Manufacture of starch ..	649.55	109.72
26.	330	Iron and steel industries ..	640.03	71.11
27.	357	Manufacture of machine tools and accessories ..	596.62	23.86
28.	202	Canning and preservation of fruits and vegetables ..	520.89	77.40

TABLE 15—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>	<i>Output per employee Rs. in '000</i>
(1)	(2)	(3)	(4)	(5)
29.	331	Casting and forging of iron and steel ..	520.87	37.42
30.	313	Manufacture of drugs and medicines ..	464.09	35.59
31.	341	Manufacture of structural metal products ..	311.45	37.84
32.	204	Grain mill products ..	295.92	63.91
33.	285	Printing and publishing of books and journals ..	264.83	9.80
34.	363	Manufacture of electric lamps and bulbes ..	256.74	87.98
35.	370	Ship building and repairing ..	193.59	9.54
36.	350	Manufacture of agricultural machinery and equipments ..	188.19	26.32
37.	205	Manufacture of bakery products ..	184.58	84.67
38.	324	Manufacture of cement ..	171.10	48.06
39.	345	Manufacture of metal utensils and cutlery ..	141.06	31.35
40.	289	Printing of picture and post cards ..	121.91	13.98
41.	376	Manufacture of bicycles and cycle rickshaws ..	121.60	42.82
42.	260	Knitting mills ..	113.56	21.23
43.	321	Manufacture of glass and glass products ..	112.22	14.65
44.	265	Manufacture of raincoats and hats ..	106.94	35.89
45.	219	Manufacture of food products (Others) ..	100.15	55.64
46.		Other industries ..	18,958.97	123.04
		Total ..	77,993.86	32.04

13. Value added by manufacture (Net output)

Value added by manufacture in an industry is obtained by subtracting the total input and depreciation from the total output of that industry.

The net output in the factory sector during the year under review is estimated at Rs. 157 crores against Rs. 134 crores in 1973-74 and Rs. 80 crores in 1970.

There were 29 industrial groups having a net output of Rs. 100 lakhs and more as can be seen from Table 16. The value added per employee per annum was highest in the manufacture of perfumes and lotions with Rs. 43,288 and was lowest in cashewnut processing industry with only Rs. 1,613 as against a state value of Rs. 6,430.

TABLE 16

Industries according to value added by manufacture

<i>Sl. No.</i>	<i>Code</i>	<i>Name of Industry</i>	<i>Value added by manufacture (Rs. in lakhs)</i>	<i>Value added per employee Rs.</i>
(1)	(2)	(3)	(4)	(5)
1.	40	Generation and transmission of electric energy ..	1,745.58	7,450
2.	214	Cashewnut processing ..	1,682.46	1,613
3.	311	Manufacture of fertilizers and pesticides ..	1,448.64	30,809
4.	310	Manufacture of organic and inorganic chemicals ..	951.45	30,583
5.	231	Cotton spinning and weaving mills ..	950.78	9,217
6.	212	Tea processing ..	950.48	18,477
7.	314	Manufacture of perfumes and lotions ..	657.55	43 288
8.	320	Manufacture of structural clay products ..	530.89	3,968
9.	302	Manufacture of other rubber products ..	521.68	14,149
10.	300	Tyre and tube industries ..	514.86	26,815

TABLE 16—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Value added by manufacture (Rs. in lakhs)</i>	<i>Value added per employee Rs.</i>
(1)	(2)	(3)	(4)	(5)
11.	247	Spinning, weaving and finishing of other textiles ..	338.59	19,905
12.	280	Manufacture of paper and paper board ..	323.83	25,438
13.	270	Manufacture of veneer and plywood ..	273.94	8,576
14.	360	Manufacture of transformers, electricals, etc. ..	259.89	12,381
15.	271	Sawmills ..	257.25	2,898
16.	973	Repair of motor vehicles ..	224.64	6,770
17.	203	Canning, preserving and processing of fish and similar foods ..	216.28	6,595
18.	357	Manufacture of machine tools and accessories ..	209.85	8,394
19.	235	Weaving and finishing of cotton textiles in power-looms ..	204.78	4,352
20.	284	Printing and publishing of news papers ..	198.00	12,124
21.	268	Manufacture of coir and coir products ..	188.78	4,956
22.	313	Manufacture of drugs and medicines ..	158.72	12,171
23.	217	Manufacture of starch ..	144.53	24,413
24.	285	Printing and publishing of books and journals ..	127.69	4,727
25.	361	Manufacture of insulated wires and cables ..	125.73	15,875
26.	331	Casting and forging of iron and steel ..	124.91	8,973
27.	340.	Manufacture of metal cans and tin plates ..	120.66	9,404
28.	370	Ship building and repairing ..	110.37	5,439
29.	341	Manufacture of structural metal products ..	102.05	12,399
30.		Other industries ..	1,989.40	8,063
		Total ..	15,654.25	6,431

14. Net income

Net income is derived by subtracting the sum of factor payments from the sum of the value added by manufacture. 25 industry groups had a net income of Rs. 100 lakhs and above during the year 1974-75. The list of industrial groups arranged according to the net income in descending order is given in Table 17.

TABLE 17

Industries according to net income

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	40	Generation and transmission of electric energy ..	1,745.42
2.	214	Cashewnut processing ..	1,584.83
3.	311	Manufacturing of fertilizers and pesticides ..	1,243.49
4.	231	Cotton spinning and weaving mills ..	843.52
5.	310	Manufacture of organic and inorganic chemicals ..	791.74
6.	212	Tea processing ..	749.83
7.	314	Manufacture of perfumes and lotions ..	642.01
8.	320	Manufacture of structural clay products ..	507.28
9.	302	Manufacture of other rubber products ..	492.19
10.	300	Tyre and tube industries ..	464.40
11.	247	Spinning, weaving and finishing of other textiles ..	298.45
12.	280	Manufacture of paper and paper board ..	298.08
13.	270	Manufacture of veneer and plywood ..	247.42
14.	271	Sawmills ..	243.03
15.	973	Repair of motor vehicles ..	221.81

TABLE 17—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
16.	360	Manufacture of transformers, electricals, etc.	205.30
17.	235	Weaving and finishing of cotton textiles in powerlooms	192.40
18.	284	Printing and publishing of news papers	176.39
19.	357	Manufacture of machine tools and accessories	171.94
20.	268	Manufacture of coir and coir products	160.74
21.	313	Manufacture of drugs and Medicines	150.01
22.	203	Canning, preserving and processing of fish and similar sea foods	138.89
23.	285	Printing and publishing of books and journals	122.62
24.	340	Manufacture of metal cans and tin plates	105.45
25.	370	Ship building and repairing	103.45
26.		Other industries	2,128.52
		Total	14,029.21

15. Capital output ratios of industries in Kerala

Twenty-nine major type of industries and their capital output ratios are given in Table 18.

Generation and transmission of electrical energy, manufacture of glass and glass products, fertilizers and pesticides, machine tools are the industries which show a very high capital output ratio. Electricity tops the list. The remaining industries however give a lower capital output ratio. Manufacture of tyre and tube industries, coir and coir products, perfumes and lotions, other edible oils, cashew processing, etc., are some of the industries which show a lower ratio.

Barring 'Electricity', Kerala State as a whole shows a capital output ratio of 0.29. But including electricity, the ratio goes upto 0.56.

Of the 29 industrial types, only four have shown a capital output ratio of more than one. 19 industries however show a capital output ratio of less than 0.5.

TABLE 18

Capital output, ratios of some industries

<i>Sl. No.</i>	<i>Code</i>	<i>Description of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>	<i>Value of output (Rs. in lakhs)</i>	<i>Capital output ratio</i>
(1)	(2)	(3)	(4)	(5)	(6)
1.	40	Generation and transmission of electric energy	21,786.57	2,755.78	7.91
2.	321	Manufacture of glass and glass products	253.52	112.22	2.26
3.	311	Manufacture of fertilizers and pesticides	7,201.02	5,456.55	1.32
4.	357	Manufacture of machine tools	635.95	596.62	1.07
5.	363	Manufacture of electric lamps and bulbs	238.96	256.74	0.93
6.	316	Manufacture of turpentine	890.08	1,141.38	0.78
7.	310	Manufacture of organic and inorganic chemicals	2,742.76	3,862.29	0.71
8.	285	Printing and publishing of books and journals	147.87	264.83	0.56
9.	280	Manufacture of paper and paper board	405.21	816.97	0.50
10.	330	Iron and steel industries	273.70	640.03	0.43
11.	331	Casting and forging of iron and steel	181.37	520.87	0.35
12.	320	Manufacture of structural clay products	332.71	976.66	0.34
13.	361	Manufacture of insulated wires and cables	211.11	700.38	0.30

TABLE 18—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Description of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>	<i>Value of output Rs. in lakhs)</i>	<i>Capital output ratio</i>
(1)	(2)	(3)	(4)	(5)	(6)
14.	270	Manufacture of veneer and plywood	248.84	925.91	0.27
15.	360	Manufacture of transformers and electricals	279.72	1,094.54	0.26
16.	340	Manufacture of metal cans and tin plates	155.56	682.37	0.23
17.	284	Printing and publishing of news papers	151.36	652.37	0.23
18.	247	Spinning, weaving and finishing of other textiles	305.10	1,360.86	0.22
19.	231	Cotton spinning and weaving in mills	850.52	3,968.37	0.21
20.	271	Sawing and planing of wood	159.34	903.64	0.18
21.	302	Manufacture of rubber products—others	494.17	2,958.20	0.17
22.	203	Canning, preserving and processing of fish	409.70	2,351.03	0.17
23.	973	Repair of motor vehicles and motor cycles	130.53	818.51	0.16
24.	212	Tea processing	333.96	2,925.47	0.11
25.	300	Tyre and tube industries	231.67	2,110.51	0.11
26.	268	Manufacture of coir and coir products	117.94	1,338.96	0.09
27.	314	Manufacture of perfumes and lotions	131.59	3,092.42	0.04
28.	211	Manufacture of other edible oils	104.14	3,260.56	0.03
29.	214	Cashnut processing	149.41	7,830.12	0.02
30.		Other industries	4,296.40	23,618.70	0.18
Total			43,850.78	77,993.86	0.56

SECTION II

SCALE OF INDUSTRIAL DEVELOPMENT

Ranking of districts according to industrial development

Districts are ranked according to the six major indicators of industrial development namely (1) Number of industrial establishments under factory sector in the District (2) Fixed capital (3) Total worth of output produced (4) Value added by manufacturing (5) Total number of persons employed and (6) Total emoluments paid to the employees of the district under factory sector. Considering the ranks of the district in these items, we can arrive at a scale of industrial development of the districts.

On the basis of these indicators Ernakulam secures the first place in the overall industrial development. Quilon District comes next to Ernakulam. The order of the districts in the general scale of industrial development is given in the following table:

<i>Sl. No.</i>	<i>District</i>	<i>Rank</i>
1.	Ernakulam	1
2.	Quilon	2
3.	Trichur	3
4.	Kozhikode	4
5.	Trivandrum	5
6.	Cannanore	6
7.	Alleppey	7
8.	Kottaaym	8
9.	Palghat	
10.	Idikky	9
11.	Malappuram	10

Among the districts of Kerala, Ernakulam is the most industrially developed district while Malappuram is the least developed. Cannanore, Alleppey, Palghat and Kottayam are more or less of the same standard. Malappuram and Idikki are the most backward district of Kerala.

District-wise analysis of industrial development

There were 2727 registered factories in the State during 1974-75. Details of 2318 industrial establishments were available for our study. Basic data needed for the District-wise analysis of the economic

indicators of industrial development are presented in Table A, B, B(a), C and D (Appended).

1. QUILON

17.60 per cent of the factories of the State were located in Quilon District. Among the districts of Kerala, Quilon ranked first in the number of industrial establishments. This district had 408 industrial establishments under factory sector, and had utilised a fixed capital of Rs. 1,227.06 lakhs and produced Rs. 10,977.19 lakhs worth of output generating Rs. 2,486.14 lakhs of value added in manufacturing. A total of 98,406 persons were employed in the factories paying a total emoluments of Rs. 1,375.23 lakhs to employees. Among the districts, Quilon ranked first not only in the total number of industrial establishments in the factory sector but also in respect of persons employed. It had the 3rd place in the utilization of fixed capital and 2nd place in the value added by manufacture. Besides it had the 5th place in respect of the total emoluments paid to employees.

Even though 17.60 per cent of the factories of the State were in the district, it had utilised only 2.80 per cent of the total fixed capital of the State. But these provided employment to 40.42 per cent of the employees of the State disbursing 16.27 per cent of the total emoluments paid to employees of the State as a whole. Quilon had generated 15.88 per cent of the value added in manufacturing of the State. A few industries were seen concentrated in this district. Out of 270 cashew processing industries in the State, 231 were in Quilon District. Quilon had a major role in the manufacture of containers and boxes of paper, metal cans and tin plates, cane and bamboo works etc. Besides 7 per cent of the sawmills in the State were situated in the district which had a major role in the economy of the district.

Quilon district showed a capital output ratio 0.11 and capital labour ratio 1247. For a capital of Rs. 11 used in this district it had produced Rs. 100 worth of output. This means that the industries in this district are not capital intensive and in fact labour intensive.

2. TRICHUR

Trichur had the 2nd place in the total number of industrial establishments in the factory sector. There were 347 factories in the district, which had utilized a fixed capital of Rs. 950.66 lakhs producing Rs. 5,851.21 lakhs worth of output. The industries in this district had generated Rs. 1,331.71 lakhs of value added by manufacture and provided employment to 17,618 persons, paying a total emolument of Rs. 583.20 lakhs.

Though the district had 2nd place in the number of factories, it had only 5th place in the utilization of fixed capital and 4th place in

the total emoluments paid to workers. In the case of value added in manufacturing, total output and employment provided, the district secured 3rd place among the districts of Kerala.

Even though 14.97 per cent of the factories in Kerala were located in Trichur District, it had only utilized 2.17 per cent of the fixed capital of the State, providing employment to 7.24 of the employees of the State and giving 6.90 per cent of the emoluments to the wage earners of the district. However, Trichur had contributed 8.51 per cent of the State's value added by manufacture. The capital output ratio of the district during the period 1974-75 was 0.16 and capital labour ratio was 5396. 53 per cent of the structural clay products of the State were located in Trichur District. Nearly 27 per cent of the industry for drugs and medicines, 50 per cent of the chemical products, 57 per cent of the agricultural machinery and equipments, 67 per cent of the dairy products and 37 per cent of the printing picture and post card were located in this district.

3. ERNAKULAM

328 industries were located in Ernakulam District which had utilised Rs. 14,460 lakhs as fixed capital producing Rs. 35,703.39 lakhs worth of output, generating Rs. 5,327.49 lakhs of value added in manufacturing, providing employment to 29814 persons and paying Rs. 2,536.25 lakhs by way of emoluments to employees of this district. Among the districts of Kerala, Ernakulam ranked first in total output, in value added in manufacturing, and in total emoluments paid to the employees. It had 1st place in respect of fixed capital and 2nd place in employment.

14.15 per cent of the factories had been located in Ernakulam District. These factories had utilized 32.98 per cent of the fixed capital of the State and provided employment only to 12.25 per cent of the total employees, giving 30.01 per cent of the total emoluments paid to the workers. It may well be pointed out that Trivandrum and Ernakulam together utilised 85.41 per cent of the fixed capital of the State during 1974-75 but provided employment to only 27.29 per cent of the employees of the State under factory sector.

Ernakulam alone generated 34.03 per cent of the value added to manufacture and had a capital output ratio of 0.41 and a capital labour ratio of 48,500. In capital output ratio Ernakulam had the 9th rank among districts.

Among the districts of Kerala, Ernakulam secured a unique position in canning and processing of fish, organic and inorganic chemicals, perfumes and lotions and structural metal products etc. Only 14 per cent of the sawmills were located in Ernakulam 67 per cent of the manufacture of ice, 30 per cent in printing and publishing of

books and journals and 14 per cent for repair of motor cycles and motor vehicles etc., of the State were located in Ernakulam District.

4. KOZHIKODE

There were 303 industrial establishments in Kozhikode District under factory sector. An amount of Rs. 1,582.24 lakhs as fixed capital had been utilized for these industries which had produced Rs. 5,490.27 lakhs worth of output, generating Rs. 773.01 lakhs of value added by manufacture. These industries provided employment to 16,572 persons giving a total emoluments of Rs. 588.28 lakhs to the employees.

Kozhikode had the 4th place among districts in the number of Industrial establishments under factory sector. It had 2nd rank in the utilization of fixed capital and had the 3rd place for the total emoluments paid to the employees. The district secured the 4th place in value added and in the total number of persons employed.

13.07 per cent of the industries of the State were located in Kozhikode but it had utilized only 3.61 per cent of the fixed capital under factory sector, providing employment to 6.81 per cent of the employees of the State in the factory sector. In respect of the total emoluments paid to the employees, this district shared 6.96 per cent of the emoluments of the State. Further, the District had contributed 4.94 per cent of the State's value added by manufacture. The capital output ratio Kozhikode was 0.29 for the year 1974-75 and the capital labour ratio was 9548.

Compared to the other districts Kozhikode was not industrially backward. 54 per cent of the industrial establishments dealing in coir and coir products, 29 per cent of those engaged in the repair of motor vehicles and motor cycles were in Kozhikode. In the case of saw-mills, its contribution was 24 per cent. Out of seven units in casting and forging of iron and steel, six were located in Kozhikode. The district was well-known for weaving and finishing of handlooms, printing of books and journals, production of footwear, structural clay products, book binding, etc. It had secured 4th rank in the overall industrial development.

5. CANNANORE

There were 227 industrial establishments under factory sector in the district which had utilized a fixed capital of Rs. 468.55 lakhs producing Rs. 2,935.49 lakhs worth of output generating Rs. 763.04 lakhs of value added by manufacture. These industries had employed 12,605 persons giving a total emoluments of Rs. 455.72 lakhs.

Cannanore had the 5th place among the districts in the total number of factories. It had 6th place in total emoluments paid to

the employees and 5th place in the value added by manufacture. In the case of the number of persons employed and total output produced it had the 7th place and in the case of fixed capital, Cannanore had only the 9th place. The capital output ratio of Cannanore was 0.16 for the year 1974-75 and the capital labour ratio was 3717.

Compared to the other districts of Kerala, Cannanore District had used only a small percentage (1.06 per cent) of the fixed capital used by the State under factory sector. It provided employment to 5.18 per cent employees of the State under factories sector providing 5.39 per cent of the total emoluments. Though it had 9.79 per cent of the factories of the State it had generated only 4.87 per cent of the value added by manufacture of the State.

The district assumed importance in weaving and finishing of cotton handlooms and powerlooms, in the production of chinaware and porcelain-ware, in knitting mills, other in edible oils, pen and pencils, etc.

6. PALGHAT:

There were 212 industrial establishments under factory sector which had utilised a fixed capital of Rs. 662.61 lakhs producing Rs. 2,172.13 lakhs worth of output during 1974-75. These industries had generated Rs. 611.62 lakhs of value added by manufacture. Only 7,187 persons had been employed in these factories giving a total emoluments of Rs. 244.69 lakhs.

Palghat District secured the 6th place among the districts in the total number of factories. It had 7th place in the case of fixed capital and 8th place in the number of persons employed and value added by manufacture. It had only 9th place in the case of total emoluments and 10th place in the total value of output in the State. Though 9.15 per cent of the industries under factory sector were in Palghat, it had only utilised 1.51 per cent of the fixed capital of the State providing employment to 2.95 per cent of the employees of the State and giving 2.90 per cent for the emoluments to the employees of the District. The district had contributed 3.91 per cent of the value added by manufacture. Capital-output-ratio was 0.31 and capital labour ratio was 9,220 for the Palghat District during 1974-75 period.

Palghat had predominance in grain mill products and manufacture of jewellery articles. The district promotes industries such as beedi, matches, fertilizers and pesticides, electrical machinery, structural clay products, repair of enterprises, etc.

7. ALLEPPEY:

Alleppey had only 146 industries under factory sector during 1974-75 which had utilized Rs. 669.05 lakhs of fixed capital giving a

total output worth of Rs. 3,498.51 lakhs, generating Rs. 540.31 lakhs of value added, giving employment to 12,941 persons, and providing a total emoluments of Rs. 306.24 lakhs to employees.

Alleppey had the 7th place in the number of industries and in the total emoluments paid to the employees. It had 6th place in the case of fixed capital, and the number of persons employed. It had 5th place in the case of total output of the industries but had only 10th place in the value added by manufacture.

Though 6.30 per cent of the total number of factories were located in Alleppey, it had only 1.53 per cent of the fixed capital and had provided employment to 5.32 per cent of the employees of the State. This district accounts for 3.62 per cent of the total emoluments that had been paid to the employees in the State in the factory sector. The district had 3.46 per cent of the State's value added by manufacture.

Alleppey had patronized the manufacture of coir and coir products in the State. Out of 74 coir units in the State, 55 were in Alleppey District alone. It had 2nd place in canning and processing of fish and similar foods. Alleppey assumed importance in the manufacture of edible oils, rubber products, drugs and medicines, clay products and electrical apparatus and in saw mills.

8. KOTTAYAM:

During 1974-75, there were 106 industries under factory sector. An amount of Rs. 487.47 lakhs had been utilised as fixed capital by the factories, producing a total output worth of Rs. 3,100.68 lakhs, generating Rs. 549.57 lakhs as value added by manufacture and providing employment to 5,593 persons with a total emoluments of Rs. 284.26 lakhs to employees.

Kottayam ranked 8th among the districts in the total number of factories, in the fixed capital and in the total emoluments paid to the employees. It had 6th place in the total output and 9th place in the case of number of employees and value added by manufacture. Kottayam showed a capital output ratio of 0.16 and a capital labour ratio of 8,716.

4.57 per cent of the total factories of the State had been located in Kottayam District. But this district has utilised a fixed capital of 1.11 per cent of the State. This district had provided 2.30 per cent of the total number of employees and distributed 3.36 per cent of the total emoluments to the employees. Besides, the district had generated 3.51 per cent of the value added to manufacture in the State.

Kottayam assured importance in industries, such as saw mills, printing books, and journals, tyre and tube industries, rubber products, transformers and electricals, etc. In the manufacture of rubber products, Kottayam District had a virtual monopoly.

9. TRIVANDRUM:

Trivandrum had 104 industries under factory sector. This included manufacturing of electricity also. Since the State Electricity Board is located in Trivandrum, the total capital investment of the electricity board would naturally be included in this district. This would project a wrong picture about the development of the district. For instance, by including the generation of electricity, Trivandrum would be ranked as first among the districts in fixed capital utilised and 2nd rank in total number of persons employed and the total emoluments paid to the employees. If electricity is excluded Trivandrum would get only a 4th place in fixed capital and 5th place in the total emoluments and in the total number of employees and 6th place in the value added by manufacture.

To avoid such misleading projection of development, manufacture of electricity (which represents the whole State) had been excluded in the analysis of the scale of development of the District.

The 99 industries of the district (excluding electricity) had utilised a fixed capital of Rs. 1,205.34 lakhs producing Rs. 2,458.32 lakhs worth of output, generating Rs. 730.86 lakhs worth of value added in manufacturing. These industries gave employment to 13,290 persons giving a total emoluments of Rs. 504.71 lakhs to the employees under factory sector.

Trivandrum had 4.27 per cent of the factories of the State during 1974-75 producing 3.17 per cent of the total output. But it had utilised only 2.75 per cent of the fixed capital of the State giving employment to 5.46 per cent of the total employees of the State under factory sector. 5.97 per cent of the total emoluments paid to the employees and 4.67 per cent of the value added to manufacture were from Trivandrum District.

Trivandrum District showed a capital output ratio of 0.49 and a capital labour ratio of 9,070. Compared to the other districts, Trivandrum showed the highest capital output ratio.

Trivandrum is not an industrially developed district. It has a few cashew processing factories, Cotton spinning and weaving industries, saw mills and establishments engaged in printing of books and journals and newspapers and picture and post card, manufacture of transformers and electricals, bicycles and rickshaws and repair of motor vehicles, etc., are some of the other industries.

10. IDIKKI:

There were 92 industries in Idikki District which had utilised Rs. 257.36 lakhs of fixed capital producing Rs. 2,364.76 lakhs worth of output, generating Rs. 629.93 lakhs of value added by manufacture, employing 4,532 persons in the factory sector and providing a total emoluments of Rs. 121.12 lakhs to the employees.

Idikki ranked 10th in respect of number of factories, in fixed capital utilised, total number of persons employed and total emoluments paid to the employees. Also it had 7th place in the value added by manufacture and 9th rank in the case of total output.

Capital output ratio of Idikki District was 0.11 and capital labour ratio was 5,679.

Though 3.97 per cent of the factories of the State had been located here it had utilised only 0.59 per cent of the fixed capital of the State providing employment to 1.86 per cent of the total employees, and giving 1.43 per cent of the total emoluments paid to the employees. With respect to value added by manufacturing this district had 4.02 per cent of the State value.

Idikki had the virtual monopoly of tea processing. Of the 107 tea processing units 72 had been located here. It had a few industries like manufacturing of rubber and its products and a few units engaged in the repair of motor vehicles.

11. MALAPPURAM:

Malappuram District had only 45 industrial units under factory sector. These industries had utilised a fixed capital of Rs. 93.86 lakhs, produced Rs. 686.15 lakhs worth of total output and had generated Rs. 165.13 lakhs of value added by manufacture. These industries had given employment to 1,512 persons and paid Rs. 76.02 lakhs as total emoluments.

This district ranks last in all respects viz., in the number of factories, in fixed capital, in total output, in value added, in total number of employees and in the total emoluments paid to the employees.

The capital output ratio of the district was 0.14 and capital labour ratio was 6087.

Only 1.94 per cent of the factories were located in Malappuram. It had utilised 0.21 per cent of the fixed capital of the State giving employment to 0.63 per cent of the employees of the State and providing 0.90 per cent of the total emoluments paid to the employees. 1.05 per cent of the value added to manufacture in the State was from Malappuram District. Malappuram has no concentration of any

industry to boast of. There were only 4 grain mills, 6 edible oil manufacturing units, 15 saw mills and 4 structural clay products units, etc. This district was industrially backward in respect of all the indicator's of development.

Changes in ranks in Industrial Development in 1974-75 compared with 1973-74

Certain districts have improved their ranks while others come down. In the case of Trivandrum District although there was an increase in the number of units and in employment compared with 1973-74, there was a slight decrease in the fixed capital, total output and net output and in total emoluments. Hence Trivandrum has been pushed down to the 5th place from the 4th.

Cannanore District had a fall in its rank from 5 to 6. The change of development in Cannanore District is noted below:

Percentage of the District share to the State total

	1973-74 Percentage	1974-75 Percentage
Number of factories	10.83	9.79
Fixed capital	1.11	1.06
Total output	6.61	3.75
Net output	7.82	4.87
Number of employees	6.10	5.18
Total emoluments	5.87	5.39

Alleppey District had shown a slight increase in the number of Industrial Units, fixed capital and total number of employees over the previous year. But it showed a decrease in the case of total output, net output and total emoluments. The rank in Industrial development of the district rose from 8th to 7th.

Kottayam and Palghat were of the same rank in Industrial development during 1974-75.

The decrease in the overall development under study indicated a fall in the industrial development of Kottayam District and its rank came down from 7th to 8th place. On the other hand the increase in the number of units, fixed capital, net output and emoluments have resulted in an increase of rank from the 9th place to 8th for Palghat District. Palghat had improved its place and became on par with Kottayam District.

Though Idikki and Malappuram Districts showed slight improvement over the previous year, not improved in respect of some of the indicators they continued to be in the lowest wings of the ladder.

Ernakulam, Quilon and Trichur had shown upward changes in the rank of Industrial development from the previous year.

TABLE A

Industrial Development—Ranking of Districts

Districts	No. of industrial units	Fixed capital utilised	Total output	Net output or value added by manufacture	No. of persons employed	Total emoluments paid to employees	Rank of districts in overall Industrial Development
1	2	3	4	5	6	7	8
Trivandrum ..	9	4	8	6	5	5	5
Quilon ..	1	3	2	2	1	2	2
Alleppey ..	7	6	5	10	6	7	7
Kottayam ..	8	8	6	9	9	8	8
Idikki ..	10	10	9	7	10	10	9
Ernakulam ..	3	1	1	1	2	1	1
Trichur ..	2	5	3	3	3	4	3
Palghat ..	6	7	10	8	8	9	8
Malappuram ..	11	11	11	11	11	11	10
Kozhikode ..	4	2	4	4	4	3	4
Cannanore ..	5	9	7	5	7	6	6

<i>Name of District</i>	<i>Scale of Development Rank</i>
1. Ernakulam ..	1
2. Quilon ..	2
3. Trichur ..	3
4. Kozhikode ..	4
5. Trivandrum ..	5
6. Cannanore ..	6
7. Alleppey ..	7
8. Kottayam and Palghat ..	8
9. Idikki ..	9
10. Malappuram ..	10

TABLE B
Economic Indicator—District-wise

Serial number	No. of units reported No.	Fixed capital Rs. in lakhs	Total output Rs. in lakhs	Net output Rs. in lakhs	All employees numbers	Total emoluments Rs. in lakhs
1	2	3	4	5	6	7
1	Quilon 408	Ernakulam 14,460 00	Ernakulam 35,703.39	Ernakulam 5,327.49	Quilon 98406	Ernakulam 2,536.25
2	Trichur 347	Kozhikode 1,582.24	Kozhikode 35,430.27	Quilon 2,486.14	Ernakulam 29814	Quilon 1,375.23
3	Ernakulam 328	Quilon 1,227.06	Quilon 10,977.19	Trichur 1,331.71	Trichur 17618	Kozhikode 588.28
4	Kozhikode 303	Trivandrum 1,205.34	Trichur 5,851.21	Kozhikode 773.01	Kozhikode 16572	Trichur 583.20
5	Cannanore 227	Trichur 950.66	Alleppey 3,498.51	Cannanore 763.04	Trivandrum 13290	Trivandrum 504.71
6	Palghat 212	Alleppey 669.05	Kottayam 3,100.68	Trivandrum 730.86	Alleppey 12941	Cannanore 552.72
7	Alleppey 146	Palghat 662.61	Cannanore 2,935.49	Idikki 629.93	Cannanore 12605	Alleppey 306.24
8	Kottayam 106	Kottayam 487.47	Trivandrum 2,458.32	Palghat 611.62	Palghat 7187	Kottayam 284.26
9	Trivandrum 99	Cannanore 468.55	Idikki 2,364.76	Kottayam 549.57	Kottayam 5593	Palghat 244.69
10	Idikki 92	Idikki 257.36	Palghat 2,172.13	Alleppey 540.31	Idikki 4532	Idikki 121.12
11	Malappuram 45	Malappuram 93.86	Malappuram 686.15	Malappuram 165.13	Malappuram 1542	Malappuram 76.02

TABLE B (a)
Details of Economic Indicators—District-wise

Sl. No.	Item	Trivandrum	Quilon	Alleppey	Kottayam	Idikki	Ernakulam
1	2	3	4	5	6	7	8
1	Number of units reported (No.)	104	408	146	106	92	328
2	Fixed capital (Rs. in lakhs)	22,991.91 (1,205.34)	1,227.06	669.05	487.47	277.36	14,460.00
3	Working capital (Rs. in lakhs)	2,286.47 (555.78)	2,098.22	539.30	408.73	137.34	5,626.89
4	Productive capital (Rs. in lakhs)	25,278.38 (1,761.12)	3,325.28	1,208.36	896.20	394.70	20,086.89
5	Invested capital (Rs. in lakhs)	25,347.13 (1,882.30)	3,607.35	1,394.07	1,150.64	385.18	23,678.20
6	Outstanding loan (Rs. in lakhs)	24,161.16 (963.47)	1,702.68	626.44	528.06	55.27	9,489.95
7	Number of workers (No.)	27,482 (11,635)	92,080	10,808	4,130	4,085	22,249
8	All employees (No.)	36,619 (13,190)	98,406	12,941	5,593	4,532	29,814
9	Wages to workers (Rs. in lakhs)	949.00 (346.25)	941.73	203.45	158.29	77.31	1,430.35
10	Total emoluments (Rs. in lakhs)	1,880.31 (504.71)	1,375.23	306.24	284.26	121.12	2,536.25
11	Total input (Rs. in lakhs)	2,102.76 (1,559.77)	8,385.42	2,908.94	2,501.86	1,709.56	28,947.83
12	Total output (Rs. in lakhs)	5,214.10 (2,458.32)	10,977.19	3,498.51	3,100.68	2,364.76	35,703.39
13	Net output (Rs. in lakhs)	2,476.28 (730.86)	2,486.14	540.31	594.57	629.93	5,327.49

TABLE B (a)—(cont.)

Sl. No.	Item	Trichur				Palghat				Malappuram				Kozhikode				Cannanore				State																		
		9				10				11				12				13				14																		
1	Number of units reported (No.)	347	212	45	303	227	2,318	950.66	662.61	93.86	1,582.24	468.55	43,850.78	1,157.49	265.15	82.35	742.96	611.53	13,956.43	2,108.15	927.76	176.21	2,325.20	1,080.08	57,807.21	2,467.38	1,103.94	205.96	2,510.05	1,033.32	62,883.21	1,136.96	584.32	94.21	907.61	463.60	39,750.26			
2	Fixed capital (Rs. in lakhs)	15,224	5,932	1,268	13,835	10,930	2,08,023	17,618	7,187	1,542	16,572	12,605	2,43,429	424.40	154.47	42.93	396.75	311.19	5,089.87	583.20	244.69	76.02	588.28	455.72	8,451.32	4,443.56	1,493.60	512.07	4,532.23	2,120.19	59,658.02	5,851.21	2,172.13	686.15	5,490.27	2,935.49	77,993.86			
3	Working capital (Rs. in lakhs)	1,331.71	611.62	165.13	773.01	763.04	15,654.25	1,331.71	611.62	165.13	773.01	763.04	15,654.25	1,331.71	611.62	165.13	773.01	763.04	15,654.25	1,331.71	611.62	165.13	773.01	763.04	15,654.25	1,331.71	611.62	165.13	773.01	763.04	15,654.25	1,331.71	611.62	165.13	773.01	763.04	15,654.25			
4	Productive capital (Rs. in lakhs)																																							
5	Invested capital (Rs. in lakhs)																																							
6	Outstanding loan (Rs. in lakhs)																																							
7	Number of workers (No.)																																							
8	All employees (No.)																																							
9	Wages to workers (Rs. in lakhs)																																							
10	Total emoluments (Rs. in lakhs)																																							
11	Total input (Rs. in lakhs)																																							
12	Total output (Rs. in lakhs)																																							
13	Net output (Rs. in lakhs)																																							

Figures in bracket give the position excluding "Electricity".

TABLE C

District-wise capital output ratio and capital labour ratio

<i>Sl. No.</i>	<i>District</i>	<i>Capital output ratio</i>	<i>Capital labour ratio</i>
1.	Trivandrum ..	0.49	9,070
2.	Quilon ..	0.11	1,247
3.	Alleppey ..	0.19	5,170
4.	Kottayam ..	0.16	8,716
5.	Idikki ..	0.11	5,679
6.	Ernakulam ..	0.41	45,500
7.	Trichur ..	0.16	5,396
8.	Palghat ..	0.31	9,220
9.	Malappuram ..	0.14	6,087
10.	Kozhikode ..	0.29	9,548
11.	Cannanore ..	0.16	3,717
	State ..	0.56	18,014

Quilon showed the lowest capital output ratio and capital labour ratio as well Cannanore, Alleppey and Trichur followed Quilon District in this respect. Cashew processing in Quilon District, coir industry in Alleppey and tiles industry in Trichur were worth mentioning.

TABLE D

Selected characteristics percentage share of the District to State Total

Serial number	Item	Unit	State (Total)	Trivandrum	Quilon	Alleppey	Kottayam	Idikki	Ernakulam	Trichur	Palghat	Malappuram	Kozhikode	Cannanore	State
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Number of factories reported	No.	2,318	4.49	17.60	6.30	4.57	3.97	14.15	14.97	9.15	1.94	13.07	9.79	100.00
2	Fixed capital	(Rs. in lakhs)	43,850.78	52.43	2.80	1.58	1.11	0.59	32.98	2.17	1.51	0.21	8.61	1.06	100.00
3	Working capital	"	13,956.43	16.38	15.03	3.86	2.93	0.98	40.32	8.22	1.90	0.59	5.32	4.38	100.00
4	Productive capital	"	57,807.21	43.73	5.75	2.09	1.55	0.68	34.75	3.65	1.60	0.30	4.02	1.87	100.00
5	Invested capital	"	62,883.21	40.31	5.74	2.22	1.83	0.61	37.65	3.92	1.75	0.33	3.99	1.64	100.00
6	Loans outstanding	"	39,750.26	60.78	4.28	1.58	1.33	0.14	23.87	2.86	1.47	0.24	2.28	1.17	100.00
7	Number of workers	No.	208,023	13.21	44.26	5.20	1.99	1.96	10.70	7.32	2.85	0.61	6.65	5.25	100.00
8	Total number of employees	"	243,429	15.04	40.42	5.32	2.30	1.86	12.25	7.24	2.95	0.63	6.81	5.18	100.00
9	Wages to workers	(Rs. in lakhs)	5,089.87	18.64	18.50	4.00	3.12	1.52	28.10	8.34	3.03	0.84	7.79	6.11	100.00
10	Total emoluments	"	8,451.32	22.25	16.27	3.62	3.36	1.43	30.01	6.90	2.90	0.90	6.96	5.39	100.00
11	Material input	"	56,976.43	2.58	14.53	5.02	4.30	2.96	48.30	7.66	2.50	3.88	7.68	3.64	100.00
12	Total input	"	59,658.02	3.52	14.06	4.88	4.19	2.86	48.52	7.45	2.50	0.86	7.69	3.56	100.00
13	Total output	"	77,993.86	6.69	14.07	4.49	3.98	3.03	45.78	7.50	2.79	0.88	7.04	3.75	100.00
14	Net output	"	15,654.25	15.82	15.88	3.46	3.51	4.02	34.03	8.51	3.91	1.05	4.94	4.87	100.00

TABLE E
District-wise break up of industries

Serial No.	Code	Name of industry	Trivandrum	Quilon	Alleppey	Kottayam	Idikki	Ernakulam	Trichur	Palghat	Malappuram	Kozhikode	Cannanore	State
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	40	Generation and Transmission of electric energy	1	..	..	..	1	2	1	..	..	..	..	5
2	201	Manufacture of Dairy products	1	..	..	..	..	..	..	..	..	..	..	3
3	202	Canning and preservation of fruits and vegetables	..	..	2	3	..	2	4	..	..	..	..	11
4	203	Canning and processing of fish	..	4	12	..	..	36	2	..	..	6	3	63
5	204	Manufacture of grain mill products	..	..	..	..	..	4	12	56	4	1	2	79
6	205	Manufacture of bakery products	..	..	..	..	..	4	..	..	..	3	..	4
7	206	Manufacture and refining of sugar	..	..	..	..	..	1	..	..	..	..	..	1
8	207	Production of sugar	..	..	1	..	..	..	..	..	..	..	..	2
9	209	Manufacture of sugar confectionary	..	..	..	..	..	..	..	..	..	2	..	2
10	210	Manufacture of vanaspathi and hydrogenated oils	..	2	..	..	..	..	..	..	..	..	..	2
11	211	Manufacture of other edible oils	..	..	..	..	..	..	..	..	..	1	..	1
12	212	Tea processing	..	6	18	..	2	4	14	3	6	4	..	57
13	213	Coffee culling, roasting and grinding	5	5	..	2	72	..	1	4	..	13	5	107
14	214	Cashewnut processing	20	231	5	1	..	3	7	..	..	4	1	6
15	215	Manufacture of ice	..	..	..	..	..	2	..	..	..	2	..	270
			..	..	..	..	..	..	..	..	..	1	..	3

TABLE E—(cont.)

Serial No.	Code	Name of industry	Trivandrum	Quilon	Alleppey	Kottayam	Idikki	Ernakulam	Trichur	Palghat	Malappuram	Kozhikode	Cannanore	State
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
38	274	Manufacture of wooden industrial goods	..	3	..	..	..	..	3	..	..	4	..	10
39	276	Manufacture of wooden furniture and fixtures	1	..	..	..	..	3	2	4	..	2	5	17
40	280	Manufacture of paper and paper boards	..	1	2	..	..	..	2	..	..	..	3	8
41	281	Manufacture of containers and boxes of paper	..	4	..	..	..	2	..	..	..	..	..	6
42	283	Manufacture of paper—others	..	..	..	..	..	..	..	..	..	..	..	2
43	284	Printing and publishing of newspapers	2	1	..	2	..	3	1	..	..	5	..	14
44	285	Printing and publishing of books and Journals	15	4	6	13	..	21	4	1	2	5	..	71
45	288	Book Binding	..	..	..	..	..	..	..	..	..	1	..	1
46	289	Printing picture and post cards	..	..	..	..	..	..	13	4	..	5	6	35
47	300	Tyre and tube industries	3	..	1	4	..	4	4	..	..	2	..	18
48	301	Manufacture of footwear—rubber	..	..	..	..	..	..	..	..	..	2	..	2
49	302	Manufacture of rubber products—others	1	16	1	35	7	2	8	3	5	5	1	84
50	303	Manufacture of plastic and plastic products	..	..	2	..	..	1	..	..	..	2	..	5
51	304	Petroleum Refineries	..	..	..	..	..	1	..	..	..	..	..	1
52	310	Manufacture of organic and inorganic chemicals	1	3	..	1	..	9	3	..	..	..	..	17
53	311	Manufacture of fertilizers and pesticides	1	..	1	1	..	5	..	3	..	1	..	12

TABLE F
Comparative ranking of districts according to industrial development during 1974-75 over
the previous year 1973-74

1	2	Ernakulam		Quilon		Trichur		Kozhikode		Trivandrum		Cannanore	
		1973-74	1974-75	1973-74	1974-75	1973-74	1974-75	1973-74	1974-75	1973-74	1974-75	1973-74	1974-75
		3	4	5	6	7	8	9	10	11	12	13	14
1. No. of Industrial Units	Rank Performance	III 323 (13.62)	III 328 (14.15)	I 423 (17.83)	I 408 (17.60)	III 393 (16.72)	III 347 (14.97)	IV 277 (11.68)	IV 303 (13.07)	X 91 (3.83)	IX 99 (4.27)	V 257 (10.83)	V 227 (9.79)
2. Fixed Capital	Rank Performance	I 13796.86 (34.18)	I 14460.00 (32.98)	III 1108.62 (2.74)	III 1227.06 (2.80)	IV 902.80 (2.23)	V 950.66 (2.17)	V 886.63 (2.19)	II 1582.24 (3.61)	II 1357.08 (3.36)	IV 1205.34 (2.75)	IX 446.59 (1.11)	IX 468.55 (1.06)
3. Total Output	Rank Performance	I 17745.72 (33.98)	I 35703.39 (45.78)	II 8237.47 (15.78)	II 10977.19 (14.07)	III 4557.06 (8.73)	III 5851.21 (7.50)	V 3910.59 (7.48)	IV 5490.27 (7.04)	X 1714.35 (3.28)	VIII 2458.32 (3.17)	V 3447.14 (6.61)	VII 2935.49 (3.75)
4. Net Output	Rank Performance	I 3510.26 (26.26)	II 5327.49 (34.03)	II 1781.31 (13.32)	II 2486.14 (15.88)	III 1318.00 (9.86)	III 1331.71 (8.51)	IV 1135.43 (8.49)	IV 773.01 (4.94)	VII 535.71 (4.01)	VI 730.86 (4.67)	V 1044.92 (7.82)	V 763.04 (4.87)
5. No. of Employees	Rank Performance	II 29136 (12.07)	II 29814 (12.25)	I 98515 (41.06)	I 98406 (40.42)	III 18398 (7.68)	III 17618 (7.24)	IV 17480 (7.30)	IV 16572 (6.81)	VI 12801 (5.35)	V 13290 (5.46)	V 14814 (6.10)	VII 12605 (5.18)
6. Total Emoluments	Rank Performance	I 1958.73 (27.10)	I 2536.25 (30.01)	II 1120.54 (15.51)	II 1375.23 (16.27)	IV 1552.75 (7.65)	IV 583.20 (6.90)	III 621.05 (8.59)	III 588.28 (6.96)	V 455.61 (6.30)	V 504.71 (5.97)	VI 423.89 (5.87)	VI 455.72 (5.39)

TABLE F

	Alleppey		Kottayam		Palghat		Idikki		Malappuram	
	1973-74	1974-75	1973-74	1974-75	1973-74	1974-75	1973-74	1974-75	1973-74	1974-75
	2	3	4	5	6	7	8	9	10	11
1. Rank Performance	VII 148 (6.23)	VII 146 (6.30)	VIII 117 (4.93)	VIII 106 (4.57)	VI 202 (8.52)	VI 212 (9.15)	IX 102 (4.29)	X 92 (3.97)	XI 35 (1.47)	XI 45 (1.44)
2. Rank Performance	VIII 486.66 (1.21)	VI 669.05 (1.53)	VII 562.03 (1.39)	VIII 487.47 (1.11)	VI 597.43 (1.47)	VII 662.61 (1.51)	X 343.24 (0.86)	X 257.36 (0.59)	XI 100.87 (0.25)	XI 93.86 (0.21)
3. Rank Performance	VII 3083.96 (5.91)	V 3498.51 (4.49)	IV 4047.85 (5.84)	VI 3100.68 (3.98)	VIII 1921.92 (3.68)	X 2172.13 (2.79)	IX 1857.05 (3.55)	IX 2364.76 (3.03)	XI 360.90 (0.69)	XI 686.15 (0.88)
4. Rank Performance	VIII 526.82 (3.95)	X 540.31 (3.46)	VI 745.44 (5.58)	IX 549.57 (3.51)	IX 475.27 (3.55)	VIII 611.62 (3.91)	X 390.77 (2.92)	VII 629.93 (4.02)	XI 137.20 (1.03)	XI 165.13 (1.05)
5. Rank Performance	VII 11322 (5.17)	VI 12941 (5.32)	IX 5655 (2.36)	IX 5593 (2.30)	VIII 7187 (3.00)	VIII 7187 (2.95)	X 4822 (2.01)	X 4532 (1.86)	XI 1453 (0.60)	XI 1542 (0.63)
6. Rank Performance	VII 279.49 (3.87)	VII 306.24 (3.62)	VIII 233.76 (3.24)	VIII 284.26 (3.36)	IX 188.22 (2.61)	IX 244.69 (2.90)	X 104.04 (1.44)	X 121.12 (1.43)	XI 47.78 (0.66)	XI 76.02 (0.90)

SECTION III

INDUSTRY-WISE—ECONOMIC INDICATORS

The economic indicators of industries under the factory sector show that for an output of every 1,000 Rs. material input worth Rs. 731 was applied on an average. This is evident from Table 19 given below:

The economic indicators of the different industries are furnished in Table 19 (1) to 19 (73).

TABLE 19.0

Economic Indicators—State total

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	2318
2.	Fixed capital	Rs. in lakhs	43,850.78
3.	Working capital	"	13,956.43
4.	(a) Productive capital (items 2+3)	"	57,807.21
	(b) Invested capital	"	62,883.21
5.	Number of workers	No.	208,023
6.	Total number of employees	"	243,429
7.	Wages to workers	Rs. in lakhs	5,089.87
8.	Wages and other benefits to all employees	"	8,451.32
9.	Material input	"	56,976.43
10.	Total input	"	59,658.02
11.	Total output	"	77,993.85
12.	Net output	"	15,654.25
13.	Ratio of working capital to value of output		0.18
14.	Value of material input for output worth Rs. 1000	Rs.	731.00
15.	Net output per person employed	"	6,431.00
16.	Percentage of wages to net output	Percentage	32.51

Code: 40

TABLE 19.1

**Generation and transmission of electric energy—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	5
2.	Fixed capital	Rs. in lakhs	21,786.57
3.	Working capital	"	1,730.69
4.	(a) Productive capital (items 2+3)	"	23,517.26
	(b) Invested capital	"	23,464.83
5.	Number of workers	No.	15,847
6.	Total number of employees	"	23,429
7.	Wages to workers	Rs. in lakhs	692.75
8.	Wages and other benefits to all employees	"	1,375.60
9.	Material input	"	75.78
10.	Total input	"	542.99
11.	Total output	"	2,755.78
12.	Net output	"	1,745.58
13.	Ratio of working capital to value of output		0.63
14.	Value of material input for output worth Rs. 1,000	Rs.	27.50
15.	Net output per person employed	"	7,450.00*
16.	Percentage of wages, etc., to net output	Percentage	34.53

Code: 201

TABLE 19.2

Manufacture of dairy products—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	3
2.	Fixed capital	Rs. in lakhs	27.71
3.	Working capital	"	(—) 0.13
4.	(a) Productive capital (items 2+3)	"	27.58
	(b) Invested capital	"	29.19
5.	Number of workers	No.	109
6.	Total number of employees	"	176

TABLE 19.2—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
7.	Wages to workers	Rs. in lakhs	2.06
8.	Wages and other benefits to all employees	"	4.12
9.	Material input	"	60.82
10.	Total input	"	69.90
11.	Total output	"	64.95
12.	Net output	"	-9.08
13.	Ratio of working capital to value of output		-0.20
14.	Value of material input for output worth Rs. 1,000	Rs.	936.64
15.	Net output per person employed	"	-5,159.00
16.	Percentage of wages to net output	Percentage	-25.89

Code: 202

TABLE 19.3

**Canning and preservation of fruits and vegetables—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	11
2.	Fixed capital	Rs. in lakhs	23.76
3.	Working capital	"	32.45
4.	(a) Productive capital (items 2+3)	"	56.21
	(b) Invested capital	"	94.22
5.	Number of workers	No.	545
6.	Total number of employees	"	673
7.	Wages to workers	Rs. in lakhs	6.13
8.	Wages and other benefits to all employees	"	15.78
9.	Material input	"	483.12
10.	Total input	"	486.00
11.	Total output	"	520.89
12.	Net output	"	32.70
13.	Ratio of working capital to value of output		0.06
14.	Value of material input for output worth Rs 1,000	Rs.	927.48
15.	Net output per person employed	"	4,858.84
16.	Percentage of wages, etc., to net output	Percentage	18.75

Code: 203

TABLE 19.4

Canning, preserving and processing of fish and similar foods—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	63
2.	Fixed capital	Rs. in lakhs	409.70
3.	Working capital	"	214.56
4.	(a) Productive capital (items 2+3)	"	624.26
	(b) Invested capital	"	694.55
5.	Number of workers	No.	2227
6.	Total number of employees	"	3279
7.	Wages to workers	Rs. in lakhs	51.31
8.	Wages and other benefits to all employees	"	111.14
9.	Material input	"	2,041.13
10.	Total input	"	2,088.29
11.	Total output	"	2,351.03
12.	Net output	"	216.28
13.	Ratio of working capital to value of output		0.91
14.	Value of material input for output worth Rs. 1,000	Rs.	8.8.48
15.	Net output per person employed	"	6,505.91
16.	Percentage of wages, etc., to net output	Percentage	23.72

Code: 204

TABLE 19.5

Grainmill products—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	79
2.	Fixed capital	Rs. in lakhs	42.12
3.	Working capital	"	12.48
4.	(a) Productive capital (item 2+3)	"	54.60
	(b) Invested capital	"	52.33
5.	No. of workers	No.	309
6.	Total number of employees	"	463
7.	Wages to workers	Rs. in lakhs	6.09
8.	Wages and other benefits to all employees	"	8.41

TABLE 19.5—(cont.)

<i>Sl. No.</i> (1)	<i>Item</i> (2)	<i>Unit</i> (3)	<i>Amount</i> (4)
9.	Material input	Rs. in lakhs	241.59
10.	Total input	"	245.43
11.	Total output	"	295.92
12.	Net output	"	46.65
13.	Ratio of working capital to value of output	"	0.04
14.	Value of material input for output worth Rs. 1,000	Rs.	816.40
15.	Net output per person employed	"	10,075.59
16.	Percentage of wages, etc., to net output	Percentage	13.05

Code : 205

TABLE 19.6

Manufacture of bakery products—Economic Indicators

<i>Sl. No.</i> (1)	<i>Item</i> (2)	<i>Unit</i> (3)	<i>Amount</i> (4)
1.	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	29.15
3.	Working capital	"	45.03
4.	(a) Productive capital (item 2+3)	"	74.18
	(b) Invested capital	"	48.58
5.	Number of workers	No.	108
6.	Total number of employees	"	218
7.	Wages to workers	Rs. in lakhs	7.57
8.	Wages and other benefits to all employees	"	13.06
9.	Material input	"	133.08
10.	Total input	"	138.02
11.	Total output	"	184.58
12.	Net out put	"	41.62
13.	Ratio of working capital to value of output	"	0.24
14.	Value of material input for output worth Rs. 1,000	Rs.	720.98
15.	Net output per person employed	"	19,091.74
16.	Percentage of wages, etc , to net output	Percentage	18.19

Code: 211

TABLE 19.7

Manufacture of other edible oils—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	No. of factories reported	No.	57
2.	Fixed capital	Rs. in lakhs	104.14
3.	Working capital	"	190.06
4.	(a) Productive capital (item 2+3)	"	294.20
	(b) Invested capital	"	276.47
5.	No. of workers	No.	659
6.	Total number of workers	"	1,010
7.	Wages to workers	Rs. in lakhs	15.08
8.	Wages and other benefits to all employees	"	36.68
9.	Material input	"	3,153.39
10.	Total input	"	3,164.35
11.	Total output	"	3,260.56
12.	Net output	"	85.25
13.	Ratio of working capital to value of output	"	0.06
14.	Value of material input for output worth Rs. 1,000	Rs.	967.13
15.	Net output per person employed	"	8,440.59
16.	Percentage of wages, etc., to net output	Percentage	17.69

Code:22

TABLE 19.8

Tea processing.—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	No. of factories reported	No.	107
2.	Fixed capital	Rs. in lakhs	333.96
3.	Working capital	"	202.00
4.	(a) Productive capital (item 2+3)	"	535.96
	(b) Invested capital	"	536.97
5.	No. of workers	No.	4 653
6.	Total number of employees	"	5,144
7.	Wages to workers	Rs. in lakhs	79.83
8.	Wages and other benefits to all employees	"	130.83

TABLE 19·8—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	2,104·12
10.	Total input	"	2,139·57
11.	Total output	"	2,925·47
12.	Net output	"	750·46
13.	Ratio of working capital to value of output		0·07
14.	Value of material input for output worth Rs. 1,000	Rs.	719·24
15.	Net output per person employed	"	14,589·03
16.	Percentage of wages, etc., to net output	Percentage	10·64

Code: 213

TABLE 19·9

Coffee ceasing, roasting and grinding—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	No. of factories reported	No.	5
2.	Fixed capital	Rs. in lakhs	22·82
3.	Working capital	"	26·27
4.	(a) Productive capital (item 2 + 3)	"	49·54
	(b) Invested capital	"	36·27
5.	No. of workers	No.	507
6.	Total number of employees	"	657
7.	Wages to workers	Rs. in lakhs	5·01
8.	Wages and other benefits to all employees	"	9·48
9.	Material input	"	55·53
10.	Total input	"	55·46
11.	Total output	"	68·95
12.	Net output	"	11·56
13.	Ratio of working capital to value of output		0·39
14.	Value of material input for output worth Rs. 1,000	Rs.	776·36
15.	Net output per person employed	"	1,759·51
16.	Percentage of wages, etc., to net output	Percentage	43·34

Code: 214

TABLE 19.10

Cashewnut processing—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	No. of factories reported	No.	270
2.	Fixed capital	Rs. in lakhs	149.41
3.	Working capital	"	1,172.51
4.	(a) Productive capital (item 2+3)	"	1,321.92
	(b) Invested capital	"	1,534.61
5.	No. of workers	No.	99,618
6.	Total number of employees	"	104,249
7.	Wages to workers	Rs. in lakhs	732.63
8.	Wages and other benefits to all employees	"	1,010.28
9.	Material input	"	6,115.56
10.	Total input	"	6,131.61
11.	Total out put	"	7,830.12
12.	Net output	"	1,682.46
13.	Ratio of working capital to value of output		0.15
14.	Value of material input for output worth Rs. 1,000	Rs.	781.03
15.	Net output per person employed	"	1,613.88
16.	Percentage of wages, etc., to net output	Percentage	43.55

Code: 215

TABLE 19.11

Manufacture of ice—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	3
2.	Fixed capital	Rs. in lakhs	8.74
3.	Working capital	"	(—)0.50
4.	(a) Productive capital (item 2+3)	"	8.20
	(b) Invested capital	"	8.88
5.	Number of workers	No.	6
6.	Total number of employees	"	10
7.	Wages to workers	Rs. in lakhs	0.11
8.	Wages and other benefits to all employees	"	0.33

TABLE 19.11—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	(—) 0.25
10.	Total input	"	0.58
11.	Total output	"	1.00
12.	Net output	"	(—) 0.41
13.	Ratio of working capital to value of output	"	(—) 0.52
14.	Value of material input for output worth Rs. 1,000	Rs.	(—) 250.00
15.	Net output per person employed	"	(—) 4,100.00
16.	Percentage of wages, etc. to net output	Percentage	(—) 26.82

Code: 217

TABLE 19.12

Manufacture of starch—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	5
2.	Fixed capital	Rs. in lakhs	87.70
3.	Working capital	"	184.87
4.	(a) Productive capital (item 2+3)	"	272.57
	(b) Invested capital	"	228.79
5.	Number of workers	No.	400
6.	Total number of employees	"	592
7.	Wages to workers	Rs. in lakhs	16.94
8.	Wages and other benefits to all employees	"	29.57
9.	Material input	"	487.54
10.	Total input	"	496.28
11.	Total output	"	649.55
12.	Net output	"	144.53
13.	Ratio of working capital to value of output	"	0.28
14.	Value of material input for output worth Rs. 1,000	Rs.	750.58
15.	Net output per person employed	"	24,423.85
16.	Percentage of wages, etc. to net output	Percentage	11.72

Code: 219

TABLE 19.13

Manufacture of food products (others)—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	3
2.	Fixed capital	Rs. in lakhs	19.94
3.	Working capital	"	14.31
4.	(a) Productive capital (item 2+3)	"	34.25
	(b) Invested capital	"	33.39
5.	Number of workers	No.	139
6.	Total number of employees	"	180
7.	Wages to workers	Rs. in lakhs	4.18
8.	Wages and other benefits to all employees	"	7.85
9.	Material input	"	85.21
10.	Total input	"	88.60
11.	Total output	"	100.15
12.	Net output	"	8.16
13.	Ratio of working capital to value of output	"	0.14
14.	Value of material input for output worth Rs. 1,000	Rs.	850.82
15.	Net output per persons employed	"	4,533.33
16.	Percentage of wages, etc. to net output	Percentage	51.22

Code: 220

TABLE 19.14

Distilling and blending of spirits—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	26.78
3.	Working capital	"	2.01
4.	(a) Productive capital (item 2+3)	"	28.86
	(b) Invested capital	"	28.28
5.	Number of workers	No.	28
6.	Total number of employees	"	72
7.	Wages to workers	Rs. in lakhs	1.32
8.	Wages and other benefits to all employees	"	2.69

TABLE 19·14--(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	11·57
10.	Total input	"	15·97
11.	Total output	"	37·07
12.	Net output	"	16·70
13.	Ratio of working capital to value of output	"	0·06
14.	Value of material input for output worth Rs. 1,000	Rs.	312·11
15.	Net output per person employed	"	23,194·44
16.	Percentage of wages, etc. to net output	Percentage	7·90

Code: 226

TABLE 19·15

Manufacture of beedi—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(3)
1	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	0·01
3.	Working capital	"	0·01
4.	(a) Productive capital (item 2+3)	"	0·01
	(b) Invested capital	"	0·01
5.	Number of workers	No.	62
6.	Total number of employees	"	76
7.	Wages to workers	Rs. in lakhs	1·34
8.	Wages and other benefits to all employees	"	1·41
9.	Material input	"	0·03
10.	Total input	"	0·03
11.	Total output	"	1·45
12.	Net output	"	1·42
13.	Ratio of working capital to value of output	"	..
14.	Value of material input for output worth Rs. 1,000	Rs.	20·69
15.	Net output per person employed	"	1,868·42
16.	Percentage of wages, etc. to net output	Percentage	94·37

Code: 227

TABLE 19·16

Manufacture of cigars and cigarettes—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	0·02
3.	Working capital	"	0·58
4.	(a) Productive capital (item 2+3)	"	0·60
	(b) Invested capital	"	0·71
5.	No. of workers	No.	22
6.	Total number of employees	"	28
7.	Wages to workers	Rs. in lakhs	0·56
8.	Wages and other benefits to all employees	"	0·62
9.	Material input	"	2·01
10.	Total input	"	2·01
11.	Total output	"	2·91
12.	Net output	"	0·90
13.	Ratio of working capital to value of output	"	0·20
14.	Value of material input for output worth Rs. 1,000	Rs.	690·72
15.	Net output per person employed	"	3,214·20
16.	Percentage of wages, etc. to net output	Percentage	62·22

Code: 231

TABLE 19·17

Cotton spinning and weaving mills—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	20
2.	Fixed capital	Rs. in lakhs	852·52
3.	Working capital	"	490·51
4.	(a) Productive capital (item 2+3)	"	1,341·03
	(b) Invested capital	"	1,786·74
5.	Number of workers	No.	9,573
6.	Total number of employees	"	10,315
7.	Wages to workers	Rs. in lakhs	465·40
8.	Wages and other benefits to all employees	"	608·50

TABLE 19.17—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	2,835.13
10.	Total input	"	2,926.36
11.	Total output	"	3,968.37
12.	Net output	"	950.78
13.	Ratio of working capital to value of output		0.12
14.	Value of material input for output worth Rs. 1,000	Rs.	714.43
15.	Net output per person employed	"	9,217.45
16.	Percentage of wages, etc., to net output	Percentage	48.95

Code: 232

TABLE 19.18

**Printing and Dyeing of Cotton Textiles—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	3
2.	Fixed capital	Rs. in lakhs	4.72
3.	Working capital	"	0.38
4.	(a) Productive capital (item 2+3)	"	5.10
	(b) Invested capital	"	19.79
5.	Number of workers	No.	76
6.	Total number of employees	"	116
7.	Wages to workers	Rs. in lakhs	2.98
8.	Wages and other benefits to all employees	"	5.81
9.	Material input	"	63.85
10.	Total input	"	64.31
11.	Total output	"	76.74
12.	Net output	"	11.97
13.	Ratio of working capital to value of output		0.01
14.	Value of material input for output worth Rs. 1,000	Rs.	832.03
15.	Net output per person employed	"	10,318.97
16.	Percentage of wages, etc., to net output	Percentage	24.90

Code: 235

TABLE 19.19

**Weaving and finishing of cotton textiles in handlooms—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	98
2.	Fixed capital	Rs. in lakhs	47.34
3.	Working capital	"	132.66
4.	(a) Productive capital (item 2+3)	"	180.00
	(b) Invested capital	"	167.61
5.	Number of workers	No.	4,073
6.	Total number of employees	"	4,705
7.	Wages to workers	Rs. in lakhs	92.07
8.	Wages and other benefits to all employees	"	127.77
9.	Material input	"	761.84
10.	Total input	"	766.03
11.	Total output	"	975.00
12.	Net output	"	204.78
13.	Ratio of working capital to value of output		0.14
14.	Value of material input for output worth Rs. 1,000	Rs.	781.37
15.	Net output per person employed	"	4,352.39
16.	Percentage of wages, etc., to net output	Percentage	44.96

Code: 236

TABLE 19.20

**Weaving and finishing of cotton textiles in powerlooms—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	14
2.	Fixed capital	Rs. in lakhs	11.89
3.	Working capital	"	10.15
4.	(a) Productive capital (item 2+3)	"	22.04
	(b) Invested capital	"	24.58
5.	Number of workers	No.	354
6.	Total number of employees	"	441
7.	Wages to workers	Rs. in lakhs	7.57
8.	Wages and other benefits to all employees	"	10.28

TABLE 19.20—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	54.59
10.	Total input	"	55.61
11.	Total output	"	73.58
12.	Net output	"	16.95
13.	Ratio of working capital to value of output		0.14
14.	Value of material input for output worth Rs. 1,000	Rs.	741.91
15.	Net output per person employed	"	3,843.54
16.	Percentage of wages, etc., to net output	Percentage	44.66

Code: 247

TABLE 19.21

**Spinning, weaving and finishing of other textiles—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	3
2.	Fixed capital	Rs. in lakhs	305.10
3.	Working capital	"	606.02
4.	(a) Productive capital (item 2+3)	"	911.12
	(b) Invested capital	"	862.36
5.	Number of workers	No.	1,341
6.	Total number of employees	"	1,701
7.	Wages to workers	Rs. in lakhs	119.70
8.	Wages and other benefits to all employees	"	180.65
9.	Material input	"	921.59
10.	Total input	"	971.93
11.	Total output	"	1,360.86
12.	Net output	"	338.59
13.	Ratio of working capital to value of output		0.45
14.	Value of material input for output worth Rs. 1,000	Rs.	677.21
15.	Net output per person employed	"	19,905.35
16.	Percentage of wages, etc., to net output	Percentage	35.35

Code: 260

TABLE 19.22

Knitting Mills—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	6
2.	Fixed capital	Rs. in lakhs	13.28
3.	Working capital	"	24.80
4.	(a) Productive capital (item 2+3)	"	38.08
	(b) Invested capital	"	29.32
5.	Number of workers	No.	431
6.	Total number of employees	"	535
7.	Wages to workers	Rs. in lakhs	7.17
8.	Wages and other benefits to all employees	"	12.73
9.	Material input	"	87.30
10.	Total input	"	88.85
11.	Total output	"	113.56
12.	Net output	"	23.16
13.	Ratio of working capital to value of output		0.22
14.	Value of material input for output worth Rs. 1,000	Rs.	768.76
15.	Net output per person employed	"	4,328.97
16.	Percentage of wages, etc., to net output	Percentage	30.96

Code: 265

TABLE 19.23

Manufacture of Rain Coats and Hats—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	13
2.	Fixed capital	Rs. in lakhs	6.58
3.	Working Capital	"	42.27
4.	(a) Productive capital (item 2+3)	"	48.85
	(b) Invested capital	"	42.28
5.	Number of workers	No.	298
6.	Total number of employees	"	380
7.	Wages to workers	Rs. in lakhs	6.33
8.	Wages and other benefits to all employees	"	8.24

TABLE 19.23—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	94.03
10.	Total input	"	94.69
11.	Total output	"	106.94
12.	Net output	"	11.59
13.	Ratio of working capital to value of output		0.40
14.	Value of material input for output worth Rs. 1,000	Rs.	879.28
15.	Net output per person employed		3,050.00
16.	Percentage of wages, etc., to net output	Percentage	54.62

Code: 268

TABLE 19.24

Manufacture of Coir and Coir Products—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	74
2.	Fixed capital	Rs. in lakhs	117.94
3.	Working capital	"	168.85
4.	(a) Productive capital (item 2+3)	"	286.79
	(b) Invested capital	"	334.72
5.	Number of workers	No.	2501
6.	Total number of employees	"	3809
7.	Wages to workers	Rs. in lakhs	64.89
8.	Wages and other benefits to all employees	"	99.52
9.	Material input	"	1,133.08
10.	Total input	"	1,141.63
11.	Total output	"	1,338.96
12.	Net output	"	188.78
13.	Ratio of working capital to value of output		0.13
14.	Value of material input for output worth Rs. 1,000	Rs.	846.24
15.	Net output per person employed	"	4,956.16
16.	Percentage of wages, etc., to net output	Percentage	34.37

Code: 270

TABLE 19.25

Manufacture of Veneer and Plywood—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	34
2.	Fixed capital	Rs. in lakhs	248.84
3.	Working capital	"	238.63
4.	(a) Productive capital (item 2+3)	"	487.47
	(b) Invested capital	"	505.23
5.	Number of workers	No.	3548
6.	Total Number of employees	"	3194
7.	Wages to workers	Rs. in lakhs	83.60
8.	Wages and other benefits to all employees	"	139.36
9.	Material input	"	597.89
10.	Total input	"	624.93
11.	Total output	"	925.91
12.	Net output	"	273.94
13.	Ratio of working capital to value of output	"	0.26
14.	Value of material input for output worth Rs. 1,000	Rs.	645.73
15.	Net output per person employed	"	8,576.71
16.	Percentage of wages, etc., to net output	Percentage	30.52

Code: 271

TABLE 19.26

Sawing and Planning of Wood—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	374
2.	Fixed capital	Rs. in lakhs	159.34
3.	Working capital	"	153.87
4.	(a) Productive capital (item 2+3)	"	313.21
	(b) Invested capital	"	247.59
5.	Number of workers	No.	7543
6.	Total number of employees	"	8876
7.	Wages to workers	Rs. in lakhs	111.00
8.	Wages and other benefits to all employees	"	155.93

TABLE 19·26—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	618·35
10.	Total input	"	632·37
11.	Total output	"	903·64
12.	Net output	"	257·25
13.	Ratio of working capital to value of output	"	0·17
14.	Value of material input for output worth Rs. 1,000	Rs.	684·29
15.	Net output per person employed	"	2,898·59
16.	Percentage of wages, etc., to net output	Percentage	43·17

Code: 272

TABLE 19·27

Manufacture of Wooden and Cane boxes—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	24
2.	Fixed capital	Rs. in lakhs	10·74
3.	Working capital	"	12·29
4.	(a) Productive capital (item 2+3)	"	23·03
	(b) Invested capital	"	39·00
5.	Number of workers	No.	346
6.	Total number of employees	"	458
7.	Wages to workers	Rs. in lakhs	9·11
8.	Wages and other benefits to all employees	"	12·84
9.	Material input	"	65·42
10.	Total input	"	66·40
11.	Total output	"	90·27
12.	Net output	"	22·89
13.	Ratio of working capital to value of output	"	0·14
14.	Value of material input for output worth Rs. 1,000	Rs.	724·71
15.	Net output per person employed	"	4,997·82
16.	Percentage of wages, etc., to net output	Percentage	39·80

Code: 272

TABLE 19·28

Manufacture of Wooden and Industrial Goods—Economic Indicators

<i>Sl.No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	10
2.	Fixed capital	Rs. in lakhs	2·67
3.	Working capital	„	2·67
4.	(a) Productive capital (item 2+3)	„	5·96
	(b) Invested capital	„	4·49
5.	Number of workers	No.	159
6.	Total number of employees	„	180
7.	Wages to workers	Rs. in lakhs	3·22
8.	Wages and other benefits to all employees	„	3·86
9.	Material input	„	21·97
10.	Total input	„	22·17
11.	Total output	„	27·81
12.	Net output	„	5·44
13.	Ratio of working capital to value of output		0·12
14.	Value of material input for output worth Rs. 1,000	Rs.	790·00
15.	Net output per person employed	„	3,022·2
16.	Percentage of wages, etc., to net output	Percentage	59·19

Code: 276

TABLE 19·29

Manufacture of wooden furniture and fixtures—Economic Indicators

<i>Sl.No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	17
2.	Fixed capital	Rs. in lakhs	15·00
3.	Working capital	„	66·17
4.	(a) Productive capital (item 2+3)	„	81·17
	(b) Invested capital	„	53·34
5.	Number of workers	No.	440
6.	Total number of Employees	„	582
7.	Wages to workers	Rs. in lakhs	19·50
8.	Wages and other benefits to all employees	„	30·20

TABLE 19·29—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	36·67
10.	Total input	"	38·13
11.	Total output	"	51·48
12.	Net output	"	15·89
13.	Ratio of working capital to value of output	"	1·19
14.	Value of material input for output worth Rs. 1,000	Rs.	660·96
15.	Net output per person employed	"	2,730·24
16.	Percentage of wages, etc., to net output	Percentage	122·72

Code: 280

TABLE 19·30

**Manufacture of Paper and Paper Board—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	8
2.	Fixed capital	Rs. in lakhs	405·21
3.	Working capital	"	107·60
4.	(a) Productive capital (item 2+3)	"	512·81
	(b) Invested capital	"	603·24
5.	Number of workers	No.	1030
6.	Total number of employees	"	1273
7.	Wages to workers	Rs. in lakhs	65·17
8.	Wages and other benefits to all employees	"	104·57
9.	Material input	"	412·04
10.	Total input	"	452·59
11.	Total output	"	816·97
12.	Net output	"	323·83
13.	Ratio of working capital to value of output	"	0·13
14.	Value of material input for output worth Rs. 1,000	Rs.	504·35
15.	Net output per person employed	"	25,438·33
16.	Percentage of wages, etc., to net output	Percentage	20·12

Code: 281

TABLE 19.31

**Manufacture of containers and boxes of Paper and
Paper Made--Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	6
2.	Fixed capital	Rs. in lakhs	20.71
3.	Working capital	"	6.59
4.	(a) Productive capital (item 2+3)	"	27.30
	(b) Invested capital	"	54.55
5.	Number of workers	No.	131
6.	Total Number of employees	"	182
7.	Wages to workers	Rs. in lakhs	2.93
8.	Wages and other benefits to all employees	"	5.27
9.	Material input	"	72.75
10.	Total input	"	74.91
11.	Total output	"	96.49
12.	Net output	"	19.42
13.	Ratio of working capital to value of output	"	0.07
14.	Value of material input for output worth Rs. 1,000	Rs.	753.96
15.	Net output per person employed	"	10,670.33
16.	Percentage of wages, etc., to net output	Percentage	15.09

Code: 284

TABLE 19.32

Printing and publishing of Newspaper--Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	14
2.	Fixed capital	Rs. in lakhs	151.36
3.	Working capital	"	218.53
4.	(a) Productive capital item (2+3)	"	369.89
	(b) Invested capital	"	283.48
5.	Number of workers	No.	949
6.	Total number of employees	"	1633
7.	Wages to workers	Rs. in lakhs	47.35
8.	Wages and other benefits to all employees	"	112.44

TABLE 19·32—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	419·88
10.	Total input	"	437·20
11.	Total output	"	652·52
12.	Net output	"	198·00
13.	Ratio of working capital to value of output		0·33
14.	Value of material input for output worth Rs. 1,000	Rs.	643·47
15.	Net output per person employed	"	12,124·92
16.	Percentage of wages, etc., to net output	Percentage	23·91

Code: 285

TABLE 19·33

**Printing and publishing of Books and Journals—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
1.	Number of factories reported	No.	71
2.	Fixed capital	Rs. in lakhs	147·87
3.	Working capital	"	122·61
4.	(a) Productive capital (item 2+3)	"	270·48
	b) Invested capital	"	248·89
5.	Number of workers	No.	2,185
6.	Total number of employees	"	2,710
7.	Wages to workers	Rs. in lakhs	101·75
8.	Wages and other benefits to all employees	"	134·38
9.	Material input	"	113·42
10.	Total input	"	125·28
11.	Total output	"	264·83
12.	Net output	"	127·69
13.	Ratio of working capital to value of output		0·46
14.	Value of material input for output worth Rs. 1,000	Rs.	428·27
15.	Net output per person employed	"	4,711·81
16.	Percentage of wages, etc., to net output	Percentage	79·69

Code: 289

TABLE 19·34

Printing of Picture and Post Cards—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	35
2.	Fixed capital	Rs. in lakhs	73·97
3.	Working capital	"	26·29
4.	(a) Productive capital (item 2+3)	"	100·26
	(b) Invested capital	"	93·92
5.	Number of workers	No.	689
6.	Total number of employees	"	872
7.	Wages to workers	Rs. in lakhs	20·52
8.	Wages and other benefits to all employees	"	29·27
9.	Material input	"	69·14
10.	Total input	"	73·75
11.	Total output	"	121·91
12.	Net output	"	43·55
13.	Ratio of working capital to value of output	"	0·22
14.	Value of material input for output worth Rs. 1,000	Rs.	567·14
15.	Net output per person employed	"	4,994·27
16.	Percentage of wages, etc., to net output	Percentage	47·12

Code: 300

TABLE 19·35

Tyre and Tube Industries—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	18
2.	Fixed capital	Rs. in lakhs	231·67
3.	Working capital	"	638·61
4.	(a) Productive capital (item 2+3)	"	870·28
	(b) Invested capital	"	878·88
5.	Number of workers	No.	1290
6.	Total number of employees	"	1920
7.	Wages to workers	Rs. in lakhs	108·49
8.	Wages and other benefits to all employees	"	209·81

TABLE 19.35—(cont)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	1,415.23
10.	Total input	"	1,505.44
11.	Total output	"	2,110.51
12.	Net output	"	514.86
13.	Ratio of working capital to value of output		0.30
14.	Value of material input for output worth Rs. 1,000	Rs.	670.56
15.	Net output per person employed	"	26,815.63
16.	Percentage of wages etc. to net output	Percentage	21.07

Code. 302

TABLE 19.36

**Manufacture of Rubber Products (Others)—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	84
2.	Fixed capital	Rs. in lakhs	494.17
3.	Working capital	"	377.23
4.	(a) Productive capital (item 2+3)	"	871.40
	(b) Invested capital	"	890.45
5.	Number of workers	No.	2,921
6.	Total number of employees	"	3,687
7.	Wages to workers	Rs. in lakhs	96.56
8.	Wages and other benefits to all employees	"	173.00
9.	Material input	"	2,329.94
10.	Total input	"	2,383.23
11.	Total output	"	2,958.20
12.	Net output	"	521.68
13.	Ratio of working capital to value of output		0.13
14.	Value of material input for output worth Rs. 1,000	Rs.	787.62
15.	Net output per person employed	"	14,149.17
16.	Percentage of wages etc., to net output	Percentage	18.51

Code: 303

TABLE 19.37

**Manufacture of Plastic Products (Others)—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	5
2.	Fixed capital	Rs. in lakhs	24.02
3.	Working capital	"	6.42
4.	(a) Productive capital (item 2+3)	"	30.44
	(b) Invested capital	"	36.34
5.	Number of workers	No.	96
6.	Total number of employees	"	125
7.	Wages to workers	Rs. in lakhs	1.73
8.	Wages and other benefits to all employees	"	2.59
9.	Material input	"	9.90
10.	Total input	"	12.09
11.	Total output	"	18.94
12.	Net output	"	4.66
13.	Ratio of working capital to value of output	"	0.34
14.	Value of material input for output worth Rs. 1,000	Rs.	522.70
15.	Net output per person employed	"	3,728.00
16.	Percentage of wages etc., to net output	percentage	37.12

Code: 310

TABLE 19.38

**Manufacture of Organic and Inorganic Chemicals—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	17
2.	Fixed capital	Rs. in lakhs	2,742.76
3.	Working capital	"	532.43
4.	(a) Productive capital (item 2+3)	"	3,275.19
	(b) Invested capital	"	3,595.39
5.	Number of workers	No.	2073
6.	Total number of employees	"	3111
7.	Wages to workers	Rs. in lakhs	179.54
8.	Wages and other benefits to all employees	"	362.80

TABLE 19·38—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	2,427·20
10.	Total input	"	2,669·02
11.	Total output	"	3,862·29
12.	Net output	"	951·45
13.	Ratio of working capital to value of output	"	0·14
14.	Value of material input for output worth Rs. 1,000	Rs.	628·44
15.	Net output per person employed	"	30,583·41
16.	Percentage of wages, etc., to net output	Percentage	18·87

Code: 311

TABLE 19·39

**Manufacture of Fertilisers and Pesticides—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	12
2.	Fixed capital	Rs. in lakhs	7,201·02
3.	Working capital	"	1,356·66
4.	(a) Productive capital (item 2+3)	"	8,557·68
	(b) Invested capital	"	8,835·59
5.	Number of workers	No.	345
6.	Total number of employees	"	470
7.	Wages to workers	Rs. in lakhs	319·06
8.	Wages and other benefits to all employees	"	544·54
9.	Material input	"	2,974·11
10.	Total input	"	3,491·01
11.	Total output	"	5,456·55
12.	Net output	"	1,448·64
13.	Ratio of working capital to value of output	"	0·25
14.	Value of material input for output worth Rs. 1,000	Rs.	545·05
15.	Net output per person employed	"	30,809·02
16.	Percentage of wages, etc., to net output	Percentage	22·02

Code: 313

TABLE 19.40

Manufacture of Drugs and Medicines—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	26
2.	Fixed capital	Rs. in lakhs	83.12
3.	Working capital	"	57.31
4.	(a) Productive capital (item 2+3)	"	140.43
	(b) Invested capital	"	192.59
5.	Number of workers	No.	874
6.	Total number of employees	"	1304
7.	Wages to workers	Rs. in lakhs	38.73
8.	Wages and other benefits to all employees	"	72.07
9.	Material input	"	290.57
10.	Total input	"	297.97
11.	Total output	"	464.09
12.	Net output	"	158.72
13.	Ratio of working capital to value of output	"	0.12
14.	Value of material input for output worth Rs. 1,000	Rs.	626.11
15.	Net output per person employed	"	12,171.78
16.	Percentage of wages, etc., to net output	Percentage	24.40

Code: 314

TABLE 19.41

Manufacture of Perfumes and Lotions—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	8
2.	Fixed capital	Rs. in lakhs	131.59
3.	Working capital	"	266.13
4.	(a) Productive capital (item 2+3)	"	397.72
	(b) Invested capital	"	808.59
5.	Number of workers	No.	1140
6.	Total number of employees	"	1519
7.	Wages to workers	Rs. in lakhs	79.01
8.	Wages and other benefits to all employees	"	137.99

TABLE 19·41—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	2,393·93
10.	Total input	"	2,414·40
11.	Total output	"	3,092·42
12.	Net output	"	657·55
13.	Ratio of working capital to value of output		0·08
14.	Value of material input for output worth Rs. 1,000	Rs.	774·13
15.	Net output per person employed	"	43,288·35
16.	Percentage of wages, etc., to net output	Percentage	12·02

Code: 315

TABLE 19·42

Manufacture of Inedible oils—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	2·11
3.	Working capital	"	0·96
4.	(a) Productive capital (item 2+3)	"	3·07
	(b) Invested capital	"	4·59
5.	Number of workers	No.	22
6.	Total number of employees	"	32
7.	Wages to workers	Rs. in lakhs	0·32
8.	Wages and other benefits to all employees	"	0·54
9.	Material input	"	3·46
10.	Total input	"	3·67
11.	Total output	"	7·46
12.	Net output	"	3·58
13.	Ratio of working capital to value of output		0·13
14.	Value of material input for output worth Rs. 1,000	Rs.	463·82
15.	Net output per person employed	"	11,187·50
16.	Percentage of wages, etc., to net output	Percentage	8·94

Code: 316

TABLE 19.43

Manufacture of Turpentine—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	5
2.	Fixed capital	Rs. in lakhs	890.08
3.	Working capital	"	192.22
4.	(a) Productive capital (item 2+3)	"	1,082.30
	(b) Invested capital	"	1,064.38
5.	Number of workers	No.	674
6.	Total number of employees	"	868
7.	Wages to workers	Rs. in lakhs	57.10
8.	Wages and other benefits to all employees	"	91.04
9.	Material input	"	992.87
10.	Total input	"	1,110.44
11.	Total output	"	1,141.38
12.	Net output	"	(—)86.63
13.	Ratio of working capital to value of output	"	0.17
14.	Value of material input for output worth Rs. 1,000	Rs.	869.89
15.	Net output per person employed	"	(—)9,980.41
16.	Percentage of wages, etc., to net output	Percentage	(—)65.91

Code: 317

TABLE 19.44

Manufacture of Matches—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	7
2.	Fixed capital	Rs. in lakhs	0.08
3.	Working capital	"	2.49
4.	(a) Productive capital (item 2+3)	"	2.57
	(b) Invested capital	"	3.06
5.	Number of workers	No.	168
6.	Total number of employees	"	182
7.	Wages to workers	Rs. in lakhs	1.27
8.	Wages and other benefits to all employees	"	1.58

TABLE 19·44—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	11·73
10.	Total input	"	11·74
11.	Total output	"	16·11
12.	Net output	"	4·36
13.	Ratio of working capital to value of output	"	0·15
14.	Value of material input for output worth Rs. 1,000	Rs.	728·11
15.	Net output per person employed	"	2,395·60
16.	Percentage of wages, etc., to net output	Percentage	29·13

Code: 319

TABLE 19·45

**Manufacture of Chemical Products (others)—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No	4
2.	Fixed capital	Rs. in lakhs	4·51
3.	Working capital	"	6·12
4.	(a) Productive capital (item 2+3)	"	10·63
	(b) Invested capital	"	9·39
5.	Number of workers	No.	54
6.	Total number of employees	"	68
7.	Wages to workers	Rs. in lakhs	0·81
8.	Wages and other benefits to all employees	"	1·46
9.	Material input	"	21·63
10.	Total input	"	21·86
11.	Total output	"	26·25
12.	Net output	"	4·16
13.	Ratio of working capital to value of output	"	0·23
14.	Value of material input for output worth Rs. 1,000	Rs.	824·00
15.	Net output per person employed	"	6,117·65
16.	Percentage of wages, etc., to net output	Percentage	19·47

Code: 320

TABLE 19.46

**Manufacture of Structural clay products—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	247
2.	Fixed capital	Rs. in lakhs	332.71
3.	Working capital	"	193.58
4.	(a) Productive capital (item 2+3)	"	526.29
	(b) Invested capital	"	546.23
5.	Number of workers	No.	11956
6.	Total number of employees	"	13378
7.	Wages to workers	Rs. in lakhs	305.81
8.	Wages and other benefits to all employees	"	372.66
9.	Material input	"	380.07
10.	Total input	"	412.92
11.	Total output	"	976.66
12.	Net output	"	530.89
13.	Ratio of working capital to value of output	"	0.20
14.	Value of material input for output worth Rs. 1,000	Rs.	389.15
15.	Net output per person employed	"	3968.38
16.	Percentage of wages, etc. to net output	Percentage	57.60

Code: 321

TABLE 19.47

**Manufacture of glass and glass products—Economic
Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	253.52
3.	Working capital	"	9.61
4.	(a) Productive capital (items 2+3)	"	263.13
	(b) Invested capital	"	264.60
5.	Number of workers	No.	716
6.	Total number of employees	"	766
7.	Wages to workers	Rs. in lakhs	23.57
8.	Wages and other benefits to all employees	"	29.78

TABLE 19.47—(cont)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(4)	(4)
9.	Material input	Rs. in lakhs	71.61
10.	Total input	"	73.63
11.	Total output	"	112.22
12.	Net output	"	36.57
13.	Ratio of working capital to value of output		0.09
14.	Value of material input for output worth Rs. 1,000	Rs.	638.12
15.	Net output per person employed	"	4,774.15
16.	Percentage of wages, etc. to net output	Percentage	64.45

Code: 323

TABLE 19.48

Manufacture of China-ware and Porcelain-ware—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	3
2.	Fixed capital	Rs. in lakhs	174.03
3.	Working capital	"	21.18
4.	(a) Productive capital (item 2+3)	"	195.21
	(b) Invested capital	"	216.69
5.	Number of workers	No.	253
6.	Total number of employees	"	333
7.	Wages to workers	Rs. in lakhs	12.11
8.	Wages and other benefits to all employees	"	18.66
9.	Material input	"	12.45
10.	Total input	"	14.00
11.	Total output	"	25.85
12.	Net output	"	10.30
13.	Ratio of working capital to value of output		0.82
14.	Value of material input for output worth Rs. 1,000	Rs.	481.62
15.	Net output per person employed	"	3,093.09
16.	Percentage of wages, etc., to net output	Percentage	117.57

Code: 324

TABLE 19.49

Manufacture of Cement—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	30.63
3.	Working capital	"	23.32
4.	(a) Productive capital (item 2+3)	"	53.95
	(b) Invested capital	"	70.60
5.	Number of workers	No.	280
6.	Total number of employees	"	356
7.	Wages to workers	Rs. in lakhs	21.28
8.	Wages and other benefits to all employees	"	34.98
9.	Material input	"	127.22
10.	Total input	"	129.59
11.	Total output	"	171.10
12.	Net output	"	39.14
13.	Ratio of working capital to value of output	"	0.14
14.	Value of material input for output worth Rs. 1,000	Rs.	743.54
15.	Net output per person employed	"	10,994.38
16.	Percentage of wages etc. to net output	Percentage	54.37

Code: 330

TABLE 19.50

Iron and Steel Industries—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	7
2.	Fixed capital	Rs. in laks	273.70
3.	Working capital	"	46.26
4.	(a) Productive capital (item 2+3)	"	319.96
	(b) Invested capital	"	528.10
5.	Number of workers	No.	603
6.	Total number of employees	"	900
7.	Wages to workers	Rs. in lakhs	21.18
8.	Wages and other benefits to all employees	"	39.08

TABLE 19.50—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	548.90
10.	Total input	"	572.24
11.	Total output	"	640.03
12.	Net output	"	44.45
13.	Ratio of working capital to value of output		0.07
14.	Value of material input for output worth Rs. 1,000	Rs.	857.62
15.	Net output per person employed	"	4,938.89
16.	Percentage of wages etc. to net output	Percentage	47.65

Code: 331

TABLE 19.51

Casting and Forging of Iron and Steel—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	28
2.	Fixed capital	Rs. in lakhs	181.37
3.	Working capital	"	256.88
4.	(a) Productive capital (item 2 + 3)	"	441.25
	(b) Invested capital	"	458.04
5.	Number of workers	No.	1,026
6.	Total number of employees	"	13.82
7.	Wages to workers	"	48.43
8.	Wages and other benefits to all employees		83.76
9.	Material input	"	373.00
10.	Total input	"	384.48
11.	Total output	"	520.87
12.	Net output	"	124.91
13.	Ratio of working capital to value of output		0.50
14.	Value of material input for output worth Rs. 1,000	Rs.	716.11
15.	Net output per person employed	"	9,038.35
16.	Percentage of wages etc. to net output	Percentage	38.77

Code : 340

TABLE 19.52

**Manufacture of metal cans and the plates—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	44
2.	Fixed capital	Rs. in lakhs	155.56
3.	Working capital	"	186.10
4.	(a) Productive capital (item 2+3)	"	341.66
	(b) Invested capital	"	383.95
5.	Number of workers	No.	968
6.	Total number of employees	"	1283
7.	Wages to workers	Rs. in lakhs	30.97
8.	Wages and other benefits to all employees	"	54.39
9.	Material input	"	543.75
10.	Total input	"	552.73
11.	Total output	"	682.37
12.	Net output	"	120.66
13.	Ratio of working capital to value of output		0.27
14.	Value of material input for output worth Rs. 1,000	Rs.	796.86
15.	Net output per person employed	"	9,404.52
16.	Percentage of wages, etc., to net output	Percentage	25.67

Code: 341

TABLE 19.53

**Manufacture of structural metal products—Economic
Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	29
2.	Fixed capital	Rs. in lakhs	79.67
3.	Working capital	"	222.13
4.	(a) Productive capital (item 2+3)	"	301.80
	(b) Invested capital	"	327.55
5.	Number of workers	No.	583
6.	Total number of employees	"	823
7.	Wages to workers	Rs. in lakhs	32.34
8.	Wages and other benefits to all employees	"	53.26

TABLE 19.53—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	191.36
10.	Total input	"	200.38
11.	Total output	"	311.45
12.	Net output	"	102.05
13.	Ratio of working capital to value of output		0.71
14.	Value of material input for output worth Rs. 1,000	Rs.	614.42
15.	Net output per person employed	Rs.	12,399.76
16.	Percentage of wages, etc., to net output	Percentage	31.69

Code : 342

TABLE 19.54

Manufacture of metal furniture and fixtures—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	6
2.	Fixed capital	Rs. in lakhs	7.99
3.	Working capital	"	0.59
4.	(a) Productive capital (item 2+3)	"	8.58
	(b) Invested capital	"	10.52
5.	Number of workers	No.	32
6.	Total number of employees	"	58
7.	Wages to workers	Rs. in lakhs	0.77
8.	Wages and other benefits to all employees	"	1.47
9.	Material input	"	68.77
10.	Total input	"	69.52
11.	Total output	"	76.03
12.	Net output	"	5.76
13.	Ratio of working capital to value of output		0.01
14.	Value of material input for output worth Rs. 1000	Rs.	904.51
15.	Net output per person employed	"	9931.03
16.	Percentage of wages etc. to net output	Percentage	13.37

Code : 343

TABLE 19.55

**Manufacture of Handtools and General Hardware—
Economic Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	12
2.	Fixed capital	Rs. in lakhs	19.22
3.	Working capital	"	2.06
4.	(a) Productive capital (item 2+3)	"	21.28
	(b) Invested capital	"	38.42
5.	Number of workers	No.	386
6.	Total number of employees	"	460
7.	Wages to workers	Rs. in lakhs	13.72
8.	Wages and other benefits to all employees	"	18.04
9.	Material input	"	47.34
10.	Total input	"	49.12
11.	Total output	"	76.37
12.	Net output	"	25.47
13.	Ratio of working capital to value of output	"	0.03
14.	Value of material input for output worth Rs. 1,000	Rs.	619.88
15.	Net output per person employed	"	5,536.96
16.	Percentage of wages, etc., to net output	Percentage	53.87

Code : 345

TABLE 19.56

**Manufacture of metal utensils and cutlery—Economic
Indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	20
2.	Fixed capital	Rs. in lakhs	20.43
3.	Working capital	"	20.98
4.	(a) Productive capital (item 2+3)	"	41.41
	(b) Invested capital	"	39.17
5.	Number of workers	No.	353
6.	Total number of employees	"	450
7.	Wages to workers	Rs. in lakhs	8.61
8.	Wages and other benefits to all employees	"	12.39

TABLE 19.56—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(4)	(5)
9.	Material input	Rs. in lakhs	112.92
10.	Total input	"	114.72
11.	Total output	"	141.06
12.	Net output	"	24.54
13.	Ratio of working capital to value of output	"	0.15
14.	Value of material input for output worth Rs. 1,000	Rs.	800.51
15.	Net output per person employed	"	5453.33
16.	Percentage of wages, etc., to net output	Percentage	35.09

Code: 349

TABLE 19.57

Manufacture of metal products—Economic Indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	1.72
3.	Working capital	"	0.95
4.	(a) Productive capital (item 2+3)	"	2.67
	(b) Invested capital	"	4.55
5.	Number of workers	No.	46
6.	Total number of employees	"	70
7.	Wages to workers	Rs. in lakhs	0.93
8.	Wages and other benefits to all employees	"	1.53
9.	Material input	"	7.56
10.	Total input	"	7.69
11.	Total output	"	9.75
12.	Net output	"	1.93
13.	Ratio of working capital to value of output	"	0.10
14.	Value of material input for output worth Rs. 1,000	Rs.	775.38
15.	Net output per person employed	"	2,757.14
16.	Percentage of wages etc. to net output	Percentage	48.19

Code: 350

TABLE 19.58

**Manufacture of agricultural machinery and equipments—
Economic indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	7
2.	Fixed capital	Rs. in lakhs	42.36
3.	Working capital	"	30.44
4.	(a) Productive capital (item (2+3))	"	72.80
	(b) Invested capital	"	104.99
5.	Number of workers	No.	534
6.	Total number of employees	"	715
7.	Wages to workers	Rs. in lakhs	14.06
8.	Wages and other benefits to all employees	"	28.62
9.	Material input	"	109.05
10.	Total input	"	113.00
11.	Total output	"	188.19
12.	Net output	"	71.24
13.	Ratio of working capital to value of output	"	0.16
14.	Value of material input for output worth Rs. 1,000	Rs.	579.47
15.	Net output per person employed	"	9,963.64
16.	Percentage of wages, etc., to net output percentage	"	19.74

Code: 353

TABLE 19.59

**Industrial machinery for food and textiles—
Economic indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	8
2.	Fixed capital	Rs. in lakhs	9.53
3.	Working capital	"	3.90
4.	(a) Productive capital (item 2+3)	"	13.43
	(b) Invested capital	"	13.60
5.	Number of workers	No.	190
6.	Total number of employees	"	233
7.	Wages to workers	Rs. in lakhs	3.17
8.	Wages and other benefits to all employees	"	9.53

TABLE 19.59—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	7.77
10.	Total input	"	8.73
11.	Total output	"	19.28
12.	Net output	"	9.59
13.	Ratio of working capital to value of output	"	0.20
14.	Value of material input for output worth Rs. 1,000	Rs.	403.08
15.	Net output per person employed	"	4,115.88
16.	Percentage of wages, etc., to net output	percentage	33.06

Code: 354

TABLE 19.60

**Industrial machinery for other than food and textiles—
Economic indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	9
2.	Fixed capital	Rs. in lakhs	8.36
3.	Working capital	"	0.34
4.	(a) Productive capital (item 2+3)	"	8.70
	(b) Invested capital	"	19.78
5.	Number of workers	No.	185
6.	Total number of employees	"	235
7.	Wages to workers	Rs. in lakhs	5.99
8.	Wages and other benefits to all employees	"	9.43
9.	Material input	"	22.95
10.	Total input	"	23.52
11.	Total output	"	32.84
12.	Net output	"	8.75
13.	Ratio of working capital to value of output	"	0.01
14.	Value of material input for output worth Rs. 1,000	Rs.	698.84
15.	Net output per person employed	"	3,723.40
16.	Percentage of wages, etc., to net output	percentage	68.46

Code: 357

TABLE 19.61

**Manufacture of machine tools and accessories—
Economic indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	5
2.	Fixed capital	Rs. in lakhs	635.95
3.	Working capital	"	288.36
4.	(a) Productive capital (item 2+3)	"	924.31
	(b) Invested capital	"	1,053.77
5.	Number of workers	No.	1620
6.	Total number of employees	"	2500
7.	Wages to workers	Rs. in lakhs	100.21
8.	Wages and other benefits to all employees	"	216.66
9.	Material input	"	298.13
10.	Total input	"	342.45
11.	Total output	"	596.62
12.	Net output	"	209.85
13.	Ratio of working capital to value of output	"	0.48
14.	Value of material input for output worth Rs. 1,000	Rs.	499.69
15.	Net output per person employed	"	8,394.00
16.	Percentage of wages, etc., to net output percentage	"	47.75

Code: 359

TABLE 19.62

Manufacture of sewing machines—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	9
2.	Fixed capital	Rs. in lakhs	13.51
3.	Working capital	"	4.54
4.	(a) Productive capital (item 2+3)	"	18.05
	(b) Invested capital	"	31.78
5.	Number of workers	No.	247
6.	Total number of employees	"	314
7.	Wages to workers	Rs. in lakhs	8.46
8.	Wages and other benefits to all employees	"	19.74

TABLE 19.62—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	23.29
10.	Total input	"	24.80
11.	Total output	"	43.21
12.	Net output	"	16.90
13.	Ratio of working capital to value of output	"	0.11
14.	Value of material input for output worth Rs. 1,000	Rs.	539.00
15.	Net output per person employed	"	5,382.17
16.	Percentage of wages, etc., to net output	percentage	50.06

Code : 360

TABLE 19.63

**Manufacture of transformers, electricals, etc.,—
Economic indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	15
2.	Fixed capital	Rs. in lakhs	279.92
3.	Working capital	"	482.54
4.	(a) Productive capital (item 2+3)	"	762.46
	(b) Invested capital	"	952.74
5.	Number of workers	No.	1695
6.	Total number of employees	"	2099
7.	Wages to workers	Rs. in lakhs	73.87
8.	Wages and other benefits to all employees	"	133.81
9.	Material input	"	774.95
10.	Total input	"	804.80
11.	Total output	"	1,094.54
12.	Net output	"	259.89
13.	Ratio of working capital to value of output	"	0.44
14.	Value of material input for output worth Rs. 1,000	Rs.	708.01
15.	Net output per person employed	"	12,381.61
16.	Percentage of wages, etc., to net output	percentage	28.40

Code : 361

TABLE 19.64

Manufacture of insulated wires and cables—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	8
2.	Fixed capital	Rs. in lakhs	211.11
3.	Working capital	"	300.11
4.	(a) Productive capital (item 2+3)	"	511.22
	(b) Invested capital	"	485.96
5.	Number of workers	No.	415
6.	Total number of employees	"	792
7.	Wages to workers	Rs. in lakhs	35.20
8.	Wages and other benefits to all employees	"	84.55
9.	Material input	"	525.37
10.	Total input	"	550.01
11.	Total output	"	700.38
12.	Net output	"	125.73
13.	Ratio of working capital to value of output	"	0.43
14.	Value of material input for output worth Rs. 1,000	Rs.	750.12
15.	Net output per person employed	"	15,875 00
16.	Percentage of wages, etc., to net output	percentage	28.00

Code : 363

TABLE 19.65

Manufacture of electric lamps and bulbs—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	5
2.	Fixed capital	Rs. in lakhs	238.96
3.	Working capital	"	6.48
4.	(a) Productive capital (item 2+3))	"	245.44
	(b) Invested capital	"	340.45
5.	Number of workers	No.	541.
6.	Total number of employees	"	676
7.	Wages to workers	Rs. in lakhs	26.34
8.	Wages and other benefits to all employees	"	43.03

TABLE 19.65—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	158.94
10.	Total input	"	173.49
11.	Total output	"	256.74
12.	Net output	"	68.70
13.	Ratio of working capital to value of output	"	0.03
14.	Value of material input for output worth Rs. 1,000	Rs.	619.07
15.	Net output per person employed	"	10,162.72
16.	Percentage of wages, etc., to net output	percentage	38.34

Code : 369

TABLE 19.66

**Manufacture of electrical machinery and others—
Economic indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	6
2.	Fixed capital	Rs. in lakhs	6.35
3.	Working capital	" (—)	0.35
4.	(a) Productive capital (item 2+3)	"	6.00
	(b) Invested capital	"	36.00
5.	Number of workers	No.	135
6.	Total number of employees	"	187
7.	Wages to workers	Rs. in lakhs	5.88
8.	Wages and other benefits to all employees	"	11.53
9.	Material input	"	42.77
10.	Total input	"	43.44
11.	Total output	"	80.26
12.	Net output	"	36.15
13.	Ratio of working capital to value of output	"	0.01
14.	Value of material input for output worth Rs. 1,000	Rs.	532.89
15.	Net output per person employed	"	19,331.55
16.	Percentage of wages, etc., to net output	percentage	16.27

Code : 370

TABLE 19.67

Ship building and repairing—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No	23
2.	Fixed capital	Rs. in lakhs	36.16
3.	Working capital	"	76.44
4.	(a) Productive capital (item 2 + 3)	"	112.60
	(b) Invested capital	"	145.91
5.	Number of workers	No.	1778
6.	Total number of employees	"	2029
7.	Wages to workers	Rs. in lakhs	73.69
8.	Wages and other benefits to all employees	"	95.88
9.	Material input	"	76.96
10.	Total input	"	80.09
11.	Total output	"	193.59
12.	Net output	"	110.37
13.	Ratio of working capital to value of output	"	0.39
14.	Value of material input for output worth Rs. 1,000	Rs.	397.54
15.	Net output per person employed	"	5,439.62
16.	Percentage of wages, etc., to net output	Percentage	66.77

Code : 376

TABLE 19.68

**Manufacture of bicycles and cycle rickshaws—
Economic indicators**

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	8
2.	Fixed capital	Rs. in lakhs	16.88
3.	Working capital	"	42.63
4.	(a) Productive capital (item 2 + 3)	"	59.51
	(b) Invested capital	"	56.85
5.	Number of workers	No.	225
6.	Total number of employees	"	284
7.	Wages to workers	Rs. in lakhs	9.48
8.	Wages and other benefits to all employees	"	13.21

TABLE 19.68—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	88.76
10.	Total input	"	90.74
11.	Total output	"	121.60
12.	Net output	"	28.88
13.	Ratio of working capital to value of output	"	0.35
14.	Value of material input for output worth Rs. 1,000	Rs.	729.93
15.	Net output per person employed	"	10,169.01
16.	Percentage of wages, etc., to net output	Percentage	32.83

Code: 387

TABLE 19.69

Manufacture of pen and pencils—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	4
2.	Fixed capital	Rs. in lakhs	3.39
3.	Working capital	"	0.67
4.	(a) Productive capital (item 2+3)	"	4.33
	(b) Invested capital	"	7.29
5.	Number of workers	No.	68
6.	Total number of employees	"	88
7.	Wages to workers	Rs. in lakhs	1.16
8.	Wages and other benefits to all employees	"	1.73
9.	Material input	"	6.87
10.	Total input	"	7.21
11.	Total output	"	11.71
12.	Net output	"	4.16
13.	Ratio of working capital to value of output	"	0.08
14.	Value of material input for output worth Rs. 1,000	Rs.	586.68
15.	Net output per person employed	"	4,727.27
16.	Percentage of wages, etc., to net output	Percentage	27.88

Code: 389

TABLE 19.70

Manufacture of jewellery articles—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	8
2.	Fixed capital	Rs. in lakhs	1.18
3.	Working capital	"	2.29
4.	(a) Productive capital (item 2+3)	"	3.47
	(b) Invested capital	"	2.54
5.	Number of workers	No.	108
6.	Total number of employees	"	130
7.	Wages to workers	Rs. in lakhs	1.19
8.	Wages and other benefits to all employees	"	1.44
9.	Material input	"	9.45
10.	Total input	"	9.57
11.	Total output	"	12.35
12.	Net output	"	2.66
13.	Ratio of working capital to value of output	"	0.18
14.	Value of material input for output worth Rs. 1,000	Rs.	765.18
15.	Net output per person employed	"	2,046.15
16.	Percentage of wages, etc., to net output	Percentage	44.74

Code: 973

TABLE 19.71

Repair of motor vehicles—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	94
2.	Fixed capital	Rs. in lakhs	130.53
3.	Working capital	"	39.09
4.	(a) Productive capital (item 2+3)	"	169.62
	(b) Invested capital	"	117.47
5.	Number of workers	No.	2,767
6.	Total number of employees	"	3,318
7.	Wages to workers	Rs. in lakhs	138.65
8.	Wages and other benefits to all employees	"	190.05

TABLE 19.71—(cont.)

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
9.	Material input	Rs. in lakhs	578.63
10.	Total input	"	586.25
11.	Total output	"	818.51
12.	Net output	"	224.64
13.	Ratio of working capital to value of output		0.05
14.	Value of material input for output worth Rs. 1,000	Rs.	706.93
15.	Net output per person employed	"	6,770.34
16.	Percentage of wages, etc., to net output	Percentage	61.72

Code: 979

TABLE 19.72

Repair of enterprises not elsewhere classified—Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	7
2.	Fixed capital	Rs. in lakhs	23.44
3.	Working capital	"	13.52
4.	(a) Productive capital (item 2 + 3)	"	36.96
	(b) Invested capital	"	24.70
5.	Number of workers	No.	129
6.	Total number of employees	"	160
7.	Wages to workers	Rs. in lakhs	3.80
8.	Wages and other benefits to all employees		5.31
9.	Material input	"	9.78
10.	Total input	"	11.80
11.	Total output	"	13.43
12.	Net output	"	(—) 0.39
13.	Ratio of working capital to value of output		1.01
14.	Value of material input for output worth Rs. 1,000	Rs.	728.22
15.	Net output per person employed	"	(—) 243.75
16.	Percentage of wages, etc., to net output	Percentage	(—) 974.36

TABLE 19.73

Other industries — Economic indicators

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Amount</i>
(1)	(2)	(3)	(4)
1.	Number of factories reported	No.	52
2.	Fixed capital	Rs. in lakhs	3,191.89
3.	Working capital	"	1,982.71
4.	(a) Productive capital (item 2 + 3)	"	5,174.60
	(b) Invested capital	"	7,812.21
5.	Number of workers	No.	7,514
6.	Total number of employees	"	9,677
7.	Wages to workers	Rs. in lakhs	423.17
8.	Wages and other benefits to all employees	"	725.57
9.	Material input	"	15,453.72
10.	Total input	"	15,964.00
11.	Total output	"	17,892.43
12.	Net output	"	1,418.15
13.	Ratio of working capital to value of output		0.11
14.	Value of material input for output worth Rs. 1,000	Rs.	863.70
15.	Net output per person employed	"	14,654.85
16.	Percentage of wages, etc., to net output	Percentage	29.84

SECTION IV**MAJOR INDUSTRIAL CHARACTERISTICS—DISTRICT-WISE****Summary of the important industrial characteristic
of the district**

1. Number of industries arranged in the descending order
2. Industries arranged according to productive capital in the descending order.
3. Industries arranged according to fixed capital in the descending order.
4. Industries arranged according to working capital in the descending order.
5. Industries arranged according to invested capital in the descending order.
6. Industries arranged according to loans outstanding in the descending order.
7. Industries arranged according to the number of workers and total employees in the descending order.
8. Industries arranged according to the wages of workers and total emoluments in the descending order.
9. Industries arranged according to the total input in the descending order.
10. Industries arranged according to total output in the descending order.
11. Industries arranged according to net output or value added in the descending order.

TABLE 20
Summary of the important characteristics of the district

Serial number	Items	State			District			Percentage		
		Census		Non-census	Census		Non-census	District non-census		District total to state
		3	4	5	6	7	8	9	10	11
1	Number of factories (No.)	904	1,414	2,318	54	50	104	5.97	3.54	4.49
2	Fixed capital (Rs. in lakhs)	41,709.21	2,141.57	43,850.78	22,920.83	71.08	22,991.91	54.95	3.32	52.43
3	Working capital	12,589.86	1,366.57	13,956.43	2,232.65	53.82	2,286.47	17.73	3.94	16.38
4	Productive capital	54,299.07	3,508.14	57,807.21	25,153.48	124.90	25,278.38	46.32	3.56	43.73
5	Invested capital	59,419.49	3,463.72	62,883.21	25,232.49	114.64	25,347.13	42.47	3.31	40.31
6	Outstanding loans	38,275.72	1,474.54	39,750.26	24,095.60	65.56	24,161.16	62.95	4.45	60.78
7	All workers (No.)	176,813	31,210	208,023	25,056	2,426	27,482	14.17	7.77	13.21
8	All employees	205,733	37,696	243,429	33,877	2,742	36,619	16.47	7.27	15.04
9	Wages to workers									
10	Wages, salaries and other benefits to employees (Rs. in lakhs)	4,515.20	574.67	5,089.87	920.54	28.46	949.00	20.39	4.95	18.64
11	Material input (Rs. in lakhs)	7,565.66	885.66	8,451.32	1,834.94	45.37	1,880.31	24.25	5.12	22.25
12	Total input	48,031.40	8,945.03	56,976.43	1,358.25	109.45	1,467.70	2.83	1.22	2.58
13	Total output	50,541.16	9,116.86	59,658.02	1,985.00	117.76	2,102.76	3.93	1.29	3.52
14	Value added	63,752.81	11,241.05	77,993.86	5,057.10	157.00	5,214.10	7.58	1.40	6.69
15	Net income	13,701.89	1,952.36	15,654.25	2,445.35	30.93	2,476.28	17.85	1.58	15.82
		12,243.13	1,786.08	14,029.21	2,361.02	21.64	2,382.66	19.28	1.21	16.98

TABLE 20.1

Arrangement of industries according to number of units

District: Trivandrum

<i>Sl. Code No.</i>	<i>Name of industry</i>	<i>No. of units No.</i>
1. 214	Cashewnut processing	20
2. 285	Printing and publishing of books and journals	15
3. 973	Repair of motor vehicles	11
4. 271	Sawmills	8
5. 212	Tea processing	5
6. 289	Printing of picture and post cards	5
7. 235	Weaving and finishing of cotton— Handlooms	3
8. 300	Tyre and tube industries	3
9. 360	Manufacture of electrical industrial machinery	3
10.	Other industries	31
	Total	104

TABLE 20.2

Arrangement of industries according to fixed capital

Trivandrum

<i>Sl. Code No.</i>	<i>Name of industry</i>	<i>Fixed Capital (Rs. in lakhs)</i>
1. 285	Printing and publishing of books and journals	61.86
2. 300	Tyre and tube industries	24.68
3. 212	Tea processing	14.60
4. 214	Cashewnut processing	14.05
5. 973	Repair of motor vehicles	8.18
6. 360	Manufacture of electrical industrial machinery	7.51
7. 289	Printing of picture and post cards	4.41
8. 235	Weaving and finishing of cotton— Handlooms	1.43
9. 271	Sawmills	1.21
10.	Other industries	22,853.98
	Total	22,991.91

TABLE 20.3

Arrangement of industries according to working capital

		Trivandrum	
<i>Sl. Code No.</i>	<i>Name of industry</i>		<i>Working Capital (Rs. in lakhs)</i>
1.	285 Printing and publishing of books and journals	..	88.75
2.	214 Cashewnut processing	..	38.78
3.	300 Tyre and tube industries	..	12.61
4.	973 Repair of motor vehicles	..	11.33
5.	212 Tea processing	..	7.46
6.	289 Printing of picture and post cards	..	4.62
7.	360 Manufacture of electrical indu- strial machinery	..	3.85
8.	235 Weaving and finishing of cotton— Handlooms	..	2.88
9.	271 Saw mills	..	2.08
10.	Other industries	..	2,114.11
		Total	2,286.47

TABLE 20.4

Arrangement of industries according to productive capital

		Trivandrum	
<i>Sl. Code No.</i>	<i>Name of industry</i>		<i>Productive Capital (Rs. in lakhs)</i>
1.	285 Printing and publishing of books and journals	..	150.61
2.	214 Cashewnut processing	..	52.83
3.	300 Tyre and tube industries	..	37.29
4.	212 Tea processing	..	22.06
5.	973 Repair of motor vehicles	..	19.51
6.	360 Manufacture of electrical indu- strial machinery	..	11.36
7.	289 Printing of picture and post cards	..	9.03
8.	235 Weaving and finishing of cotton— Handlooms	..	4.31
9.	271 Sawmills	..	3.29
10.	Other industries	..	24,968.09
		Total	25,278.38

TABLE 20.5

Arrangement of industries according to invested capital

		Trivandrum	
<i>Sl. Code No.</i>	<i>Name of industry</i>		<i>Invested capital (Rs. in lakhs)</i>
1. 285	Printing and publishing of books and journals	..	131.16
2. 214	Cashewnut processing	..	72.19
3. 300	Tyre and tube industries	..	44.12
4. 212	Tea processing	..	22.10
5. 360	Manufacture of electrical indu- strial machinery	..	18.58
6. 973	Repair of motor vehicles	..	17.09
7. 289	Printing of picture and post cards	..	7.34
8. 235	Weaving and finishing of cotton— Handlooms	..	4.10
9. 271	Saw mills	..	2.19
10.	Other industries	..	25,028.26
		Total	25,347.13

TABLE 20.6

Arrangement of industries according of outstanding loans

		Trivandrum	
<i>Sl. Code No.</i>	<i>Name of industry</i>		<i>Outstanding loans (Rs. in lakhs)</i>
1. 300	Tyre and tube industries	..	77.63
2. 214	Cashewnut processing	..	38.22
3. 360	Manufacture of electrical indu- strial machinery	..	21.40
4. 285	Printing and publishing of books and journals	..	3.35
5. 289	Printing of picture and post cards	..	2.29
6. 235	Weaving and finishing of cotton— Handlooms	..	1.53
7. 271	Sawmills	..	0.77
8. 973	Repair of motor vehicles	..	0.58
9.	Other industries	..	24,015.39
		Total	24,161.16

TABLE 20·7

Arrangement of industries according to all workers

			Trivandrum
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers No.</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	5964
2.	285	Printing and publishing of books and journals ..	985
3.	973	Repair of motor vehicles ..	599
4.	235	Weaving and finishing of cotton— Handlooms ..	243
5.	271	Sawmills ..	226
6.	300	Tyre and tube industries ..	211
7.	289	Printing of picture and post cards ..	142
8.	360	Manufacture of electrical industrial machinery ..	119
9.	212	Tea processing ..	108
10.		Other industries ..	18885
		Total ..	27482

TABLE 20·8

Arrangement of industries according to all employees

			Trivandrum
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees No.</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	6189
2.	285	Printing and publishing of books and journals ..	1191
3.	973	Repair of motor vehicles ..	756
4.	300	Tyre and tube industries ..	304
5.	235	Weaving and finishing of cotton— Handlooms ..	255
6.	271	Sawmills ..	246
7.	289	Printing of picture and post cards ..	174
8.	360	Manufacture of electrical industrial machinery ..	136
9.	212	Tea processing ..	126
10.		Other industries ..	27242
		Total ..	36619

TABLE 20·9

Arrangement of industries according to wages to workers

Sl. No.	Code	Name of industry	Trivandrum	
				Wages to workers (Rs. in lakhs)
(1)	(2)	(3)		(4)
1.	285	Printing and publishing of books and journals	..	57·71
2.	214	Cashewnut processing	..	40·00
3.	973	Repair of motor vehicles	..	39·12
4.	300	Tyre and tube industries	..	13·02
5.	235	Weaving and finishing of cotton— Handlooms	..	2·95
6.	360	Manufacture of electrical industrial machinery	..	2·85
7.	271	Sawmills	..	1·66
8.	212	Tea processing	..	1·56
9.	289	Printing of picture and post cards	..	1·49
10.		Other industries	..	788·64
Total				949·00

TABLE 20·10

Arrangement of industries according to total employments

Sl. No.	Code	Name of industry	Trivandrum	
				Total employments (Rs. in lakhs)
(1)	(2)	(3)		(4)
1.	285	Printing and publishing of books and journals	..	76·12
2.	973	Repair of motor vehicles	..	56·04
3.	214	Cashewnut processing	..	51·47
4.	300	Tyre and tube industries	..	23·79
5.	360	Manufacture of electrical industrial machinery	..	4·23
6.	235	Weaving and finishing of cotton— Handlooms	..	3·84
7.	289	Printing of picture and post cards	..	3·02
8.	212	Tea processing	..	2·37
9.	271	Sawmills	..	2·08
10.		Other industries	..	1657·35
Total				1880·31

TABLE 20-11

Average wage per worker

Sl. No.	Code	Name of industry	Trivandrum	
				Average wage per worker (Rs.)
1.	973	Repair of motor vehicles ..		6,530.88
2.	300	Tyre and tube industries ..		6,170.61
3.	285	Printing and publishing of books and journals ..		5,858.88
4.	360	Manufacture of electrical industrial machinery ..		2,394.96
5.	212	Tea processing ..		1,444.44
6.	235	Weaving and finishing of cotton,— Handlooms ..		1,213.99
7.	289	Printing of picture and post cards ..		1,049.30
8.	271	Sawmills ..		734.51
9.	214	Cashewnut processing ..		670.69
10.		Other industries ..		4,176.01
Total ..				<u>3,453.17</u>

TABLE 20-12

Average wages, salaries and other benefits per employee

Sl. No.	Code	Name of industry	Trivandrum	
				Average wages salaries and other benefits per employee (Rs.)
1.	300	Tyre and tube industries ..		7,825.66
2.	973	Repair of motor vehicles ..		7,412.70
3.	285	Printing and publishing of books and journals ..		6,391.27
4.	360	Manufacture of electrical industrial machinery ..		3,110.29
5.	212	Tea processing ..		1,880.95
6.	289	Printing of picture and post cards ..		1,735.63
7.	235	Weaving and finishing of cotton— Handlooms ..		1,505.88
8.	271	Sawmills ..		845.53
9.	214	Cashewnut processing ..		831.64
		Other industries ..		6,083.82
Total ..				<u>5,134.79</u>

TABLE 20-13

Arrangement of industries according to total input

Sl. No.	Code	Name of industry	Trivandrum
			Total input (Rs. in lakhs)
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing	230.64
2.	973	Repair of motor vehicles	162.45
3.	300	Tyre and tube industries	94.78
4.	285	Printing and publishing of books and journals	48.63
5.	212	Tea processing	47.62
6.	360	Manufacture of electrical industrial machinery	41.59
7.	271	Sawmills	15.66
8.	289	Printing of picture and post cards	14.33
9.	235	Weaving and finishing of cotton— Handlooms	10.29
		Other industries	1,436.77
		Total	2,102.76

TABLE 20-14

Arrangement of industries according to total output

Sl No.	Code	Name of industry	Trivandrum
			Total output (Rs. in lakhs)
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing	320.52
2.	973	Repair of motor vehicles	224.93
3.	285	Printing and publishing of books and journals	119.61
4.	300	Tyre and tube industries	115.06
5.	212	Tea processing	61.89
6.	360	Manufacture of electrical industrial machinery	54.23
7.	289	Printing of picture and post cards	24.67
8.	271	Sawmills	19.25
9.	235	Weaving and finishing of cotton— Handlooms	14.89
10.		Other industries	4,259.05
		Total	5,214.10

TABLE 20-15

Arrangement of industries according to value added

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Trivandrum	
				<i>Value added (Rs. in lakhs)</i>
(1)	(2)	(3)		(4)
1.	214	Cashewnut processing ..		88.50
2.	285	Printing and publishing of books and journals ..		67.11
3.	973	Repair of motor vehicles ..		61.69
4.	300	Tyre and tube industries ..		16.56
5.	212	Tea processing ..		12.69
6.	360	Manufacture of electrical industrial machinery ..		12.20
7.	289	Printing of picture and post cards ..		9.98
8.	235	Weaving and finishing of cotton— Handlooms ..		4.48
9.	271	Sawmills ..		3.47
10.		Other industries ..		2,199.60
		Total ..		2,476.28

TABLE 20-16

Arrangement of industries according to net income

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Trivandrum	
				<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)		(4)
1.	214	Cashewnut processing ..		83.97
2.	285	Printing and publishing of books and journals ..		66.39
3.	973	Repair of motor vehicles ..		61.52
4.	212	Tea processing ..		12.69
5.	300	Tyre and tube industries ..		10.61
6.	289	Printing of picture and post cards ..		9.89
7.	360	Manufacture of electrical industrial machinery ..		6.73
8.	235	Weaving and finishing of cotton— Handlooms ..		4.46
9.	271	Sawmills ..		3.32
10.		Other industries ..		2,123.08
		Total ..		2,382.66

TABLE 21
Summary of the important characteristics of the district

Serial number	Items	State			District			Percentage		
		State			District			Percentage		
		Census	Non-census	Total	Census	Non-census	Total	District census to total to State	District non-census to State non-census	District total to State total
1	2	3	4	5	6	7	8	9	10	11
1	No. of factories reported	904	1,414	2,318	256	152	408	28.32	10.75	17.60
2	Fixed capital (Rs. in lakhs)	41,709.21	2,141.57	43,850.78	1,106.93	120.13	1,227.06	2.65	5.61	2.80
3	Working capital	12,589.86	1,366.57	13,956.43	1,966.38	131.84	2,098.22	15.62	9.65	15.03
4	Productive capital	54,299.07	3,508.14	57,807.21	3,073.31	251.97	3,325.28	5.66	7.18	5.75
5	Invested capital	59,419.49	3,463.72	62,883.21	3,295.89	311.46	3,607.35	5.55	8.99	5.74
6	Outstanding loans	38,275.72	1,474.54	39,750.26	1,598.74	103.94	1,702.68	4.18	7.05	4.28
7	All workers No.	176,813	31,210	208,023	84,006	8,074	92,080	47.51	25.86	44.26
8	All employees No.	205,733	37,696	243,429	89,618	8,788	98,406	43.56	23.31	40.42
9	Wages to workers	4,515.20	574.67	5,089.87	870.77	70.96	941.73	19.29	12.35	18.56
10	Wages, salaries and other benefits to employees	7,565.66	815.66	8,451.32	1,280.73	94.50	1,375.23	16.93	10.61	16.27
11	Material input	48,031.40	8,945.03	56,976.43	7,481.93	797.86	8,279.79	15.58	8.92	14.53
12	Total input	50,541.16	9,116.86	59,658.02	7,576.95	808.47	8,385.42	14.99	8.87	14.06
13	Total output	66,752.81	11,241.05	77,993.86	9,925.72	1,051.47	10,977.19	14.87	9.35	14.07
14	Value added	13,701.89	1,952.36	15,654.25	2,253.75	232.75	2,486.14	16.45	11.92	15.88
15	Net income	12,243.13	1,786.08	14,029.21	2,058.64	221.11	2,279.75	16.81	12.38	16.25

Quilon

TABLE 21.1

Arrangement of industries according to No. of units

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Quilon	
			<i>No. of units</i>	<i>No.</i>
1.	214	Cashewnut processing ..	115	231
2.	320	Manufacture of structural clay products ..	51	45
3.	271	Sawmills ..	27	26
4.	340	Manufacture of drums tanks, Rails, etc. ..	191	20
5.	302	Manufacture of rubber products— Others ..	142	16
6.	272	Manufacture of cane and bamboo boxes ..	75	11
7.	211	Manufacture of other edible oils ..	11	6
8.	212	Tea processing ..	11	5
9.	203	Canning, preserving and processing of fish and similar foods ..	112	4
10.	281	Manufacture of paper and paper boards ..	54	4
11.	285	Printing of books and journals ..	101	4
12.	274	Manufacture of wooden bobbins, blocks, etc. ..	83	3
13.	310	Manufacture of basic heavy organic chemicals ..	141	3
14.	341	Manufacture of structural metal products ..	101	3
15.	370	Boat building and repairing ..	101	3
16.	..	Other industries ..	101	24
Total ..				408

TABLE 21.2

Arrangement of industries according to fixed capital

Sl. No.	Code	Name of industry	Quilon	
				Fixed capital (Rs. in lakhs)
1.	214	Cashewnut processing ..		119.75
2.	302	Manufacture of rubber products— Others ..		70.25
3.	320	Manufacture of structural clay products ..		41.24
4.	203	Canning and preserving of fish and similar foods ..		22.79
5.	340	Manufacturing of drums, tanks, rails, etc. ..		11.23
6.	281	Manufacture of paper and paper board ..		8.61
7.	211	Manufacture of other edible oils ..		5.83
8.	310	Manufacture of basic heavy organic chemicals ..		5.53
9.	271	Sawmills ..		5.09
10.	212	Tea processing ..		3.98
11.	370	Boat building and repairing ..		2.70
12.	272	Manufacturing of cane and bamboo boxes ..		2.64
13.	341	Manufacturing of structural metal products ..		2.13
14.	285	Printing of books and journals ..		1.46
15.	274	Manufacturing of wooden bobbins, blocks, etc. ..		0.95
16.	..	Other industries ..		922.88
		Total ..		1227.06

TABLE 21.3

Arrangement of industries according to working capital

			Quilon
Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1.	214	Cashewnut processing ..	961.28
2.	341	Manufacturing of structural metal products ..	87.54
3.	302	Manufacture of rubber products— Others ..	47.37
4.	203	Canning of fish and similar foods ..	30.09
5.	211	Manufacturing of other edible oils ..	17.52
6.	320	Manufacturing of structural clay products ..	15.64
7.	370	Boat building and repairing ..	14.79
8.	212	Tea processing ..	14.66
9.	340	Manufacturing of drums, tanks, etc. ..	9.84
10.	281	Manufacturing of paper and paper board ..	8.67
11.	271	Sawmills ..	7.45
12.	310	Manufacturing of basic heavy organic chemicals ..	6.85
13.	272	Manufacturing of cane and bamboo boxes ..	3.73
14.	285	Printing of books and journals ..	0.56
15.	274	Manufacturing of wooden bobbins, blocks, etc. ..	0.50
16.		Other industries ..	871.73
Total ..			2098.22

TABLE 21.4

Arrangement of industries according to productive capital

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Quilon</i>	
			<i>Productive capital (Rs. in lakhs)</i>	
1.	214	Cashewnut processing ..	1081.03	
2.	302	Manufacturing of rubber products— Others ..	117.62	
3.	341	Manufacture of structural metal products ..	89.67	
4.	320	Manufacturing of structural clay products ..	56.88	
5.	203	Canning of fish and similar foods ..	52.88	
6.	211	Manufacturing of other edible oils ..	23.35	
7.	340	Manufacturing of drums, tanks, etc. ..	21.07	
8.	212	Tea processing ..	18.64	
9.	370	Boat building and repairing ..	17.49	
10.	281	Manufacturing of paper and paper boards ..	17.28	
11.	271	Sawmills ..	12.54	
12.	310	Manufacturing of basic heavy organic chemicals ..	12.38	
13.	272	Manufacturing of cane and bamboo boxes ..	6.37	
14.	285	Printing of books and journals ..	2.02	
15.	274	Manufacturing of wooden bobbins and blocks ..	1.45	
16.	..	Other industries ..	1794.61	
Total ..			3325.28	

TABLE 21.5

Arrangement of industries according to invested capital

			Quilon
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	1,245.75
2.	302	Manufacturing of rubber products—Others ..	116.24
3.	340	Manufacturing of drums, tanks etc. ..	94.03
4.	341	Manufacturing of structural metal products ..	71.95
5.	320	Manufacturing of structural clay products ..	71.15
6.	203	Canning of fish and similar foods ..	38.15
7.	281	Manufacturing of paper and paper boards ..	31.87
8.	211	Manufacturing of other edible oils ..	19.03
9.	370	Boat Building and repairing ..	17.09
10.	212	Tea processing ..	15.19
11.	271	Sawmills ..	12.06
12.	310	Manufacturing of basic heavy organic chemicals ..	11.44
13.	272	Manufacturing of cane and bamboo boxes ..	8.23
14.	285	Printing of books and journals ..	1.73
15.	274	Manufacturing of wooden bobbins and blocks ..	1.23
16.		Other industries ..	1,852.21
		Total ..	<u>3,607.35</u>

TABLE 21·6

Arrangement of industries according to outstanding loans

			Quilon
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Outstanding loans (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	644·25
2.	340	Manufacturing of drums, tanks etc. ..	50·70
3.	203	Canning of fish and similar foods ..	33·60
4.	281	Manufacturing of paper and paper boards ..	17·83
5.	211	Manufacturing of other edible oils ..	12·82
6.	320	Manufacturing of structural clay products ..	5·10
7.	341	Manufacturing of structural metal products ..	4·75
8.	271	Sawmills ..	2·53
9.	310	Manufacture of basic heavy organic chemicals ..	2·12
10.	272	Manufacturing of cane and bamboo boxes ..	1·37
11.	274	Manufacturing of wooden bobbins and blocks ..	0·48
12.	285	Printing of books and journals ..	0·06
13.		Other industries ..	927·07
Total ..			1,702·68

TABLE 21.7

Arrangement of industries according to workers

Sl. No.	Code	Name of industry	Quilon
			All workers No.
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing	83,422
2.	271	Sawmills	770
3.	320	Manufacturing of structural clay products	620
4.	302	Manufacturing of rubber products—Others	525
5.	340	Manufacturing of drums, tanks, rails, etc.	355
6.	203	Canning, preserving and processing of fish	349
7.	341	Manufacturing of structural metal products	194
8.	272	Manufacturing of cane and bamboo boxes	127
9.	370	Boat building and repairing	97
10.	212	Tea processing	91
11.	281	Manufacturing of paper and paper boards	81
12.	274	Manufacturing of wooden bobbins and blocks	76
13.	310	Manufacturing of basic heavy organic chemicals	61
14.	285	Printing of books and journals	38
15.	211	Manufacturing of other edible oils	34
16.		Other industries	5,240
Total			92,080

TABLE 21.8

Arrangement of industries according to employees

			Quilon
<i>Sl. No</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees No.</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing	87,421
2.	271	Sawmills	843
3.	320	Manufacturing of structural clay products	728
4.	302	Manufacturing of rubber products— Others	625
5.	340	Manufacturing of drums, tanks, rails, etc.	491
6.	203	Canning, preserving and processing of fish and similar foods	486
7.	341	Manufacturing of structural metal products	244
8.	271	Manufacturing of cane and bamboo boxes	163
9.	370	Boat building and repairing	126
10.	281	Manufacturing of paper and paper boards	114
11.	212	Tea processing	105
12.	310	Manufacturing of basic heavy organic chemicals	90
13.	274	Manufacturing of wooden bobbins, blocks, etc.	80
14.	211	Manufacturing of other edible oils	48
15.	285	Printing of books and journals	44
16.		Other industries	6,798
Total			98,406

TABLE 21.9

Arrangement of industries according to wages

			Quilon
<i>Sl. No</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	591.41
2.	320	Manufacturing of structural clay products ..	16.30
3.	302	Manufacturing of rubber products —Others ..	13.28
4.	203	Canning of fish and similar foods ..	9.59
5.	271	Sawmills ..	8.76
6.	341	Manufacturing of structural metal products ..	7.06
7.	340	Manufacturing of drums, tanks, etc. ..	4.95
8.	310	Manufacturing of basic heavy organic chemicals ..	4.14
9.	370	Boat building and repairing ..	4.09
10.	272	Manufacturing of cane and bamboo boxes ..	2.57
11.	212	Tea processing ..	1.51
12.	274	Manufacturing of wooden bobbins and blocks ..	1.48
13.	281	Manufacturing of paper and paper boards ..	1.33
14.	215	Printing of books and journals ..	1.04
15.	211	Manufacturing of other edible oils ..	0.69
16.		Other industries ..	273.46
		Total ..	941.73

TABLE 21.10

Arrangement of industries according to total emoluments

			Quilon
Sl. No.	Code	Name of industry	Wages, salaries and other benefits to employees (Rs. in lakhs)
(1)	(2)	(3)	(4)
1.	214	Tea processing ..	823.46
2.	320	Manufacturing of structural clay products ..	59.47
3.	302	Manufacturing of rubber products—Others ..	19.45
4.	203	Canning of fish and similar foods ..	17.45
5.	281	Manufacturing of paper and paper boards ..	14.28
6.	271	Sawmills ..	12.29
7.	341	Manufacturing of structural metal products ..	11.73
8.	340	Manufacturing of drums, tanks, etc. ..	8.02
9.	310	Manufacturing of basic heavy organic chemicals ..	7.87
10.	370	Boat building and repairing ..	6.27
11.	272	Manufacturing of cane and bamboo boxes ..	3.17
12.	274	Manufacturing of wooden bobbins and blocks ..	1.76
13.	285	Printing of books and journals ..	1.36
14.	211	Manufacturing of other edible oils ..	0.96
15.	212	Tea processing ..	0.37
16.		Other industries ..	387.32
		Total ..	1,375.23

TABLE 21.11

Average wage per worker

			Quilon
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wage per worker (Rs.)</i>
(1)	(2)	(3)	(4)
1.	310	Manufacture of basic heavy organic chemicals ..	6,786.88
2.	373	Boat building ..	4,216.49
3.	341	Manufacture of structural metal products ..	3,639.17
4.	203	Canning, preserving and processing of fish and other similar foods ..	2,747.85
5.	285	Printing of books and journals ..	2,736.86
6.	320	Manufacture of tiles and bricks ..	2,629.03
7.	302	Manufacture of rubber products and others ..	2,529.52
8.	211	Manufacture of edible oils ..	2,029.41
9.	272	Cane and bamboo boxes ..	2,023.62
10.	274	Manufacture of wooden bobbins blocks etc. ..	1,947.37
11.	212	Tea processing ..	1,659.34
12.	281	Manufacture of paper and paper boards ..	1,641.98
13.	340	Manufacture of drums, tanks etc. ..	1,394.36
14.	271	Sawmills ..	1,137.66
15.	214	Cashewnut processing ..	709.02
16.		Other industries ..	5,218.7
		Total ..	<u>1,022.73</u>

TABLE 21.12

Average wages, salaries and other benefits per employee

			Quilon
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries and other benefits per employee (Rs.)</i>
(1)	(2)	(3)	(4)
1.	310	Manufacture of basic heavy organic chemicals	.. 8,744.40
2.	320	Manufacture of tiles and bicks	.. 8,168.96
3.	370	Boat building	.. 4,976.19
4.	341	Manufacture of structural metal products	.. 4,807.38
5.	203	Canning, preserving and processing of fish and similar foods	.. 3,590.53
6.	212	Tea processing	.. 3,523.81
7.	302	Manufacture of rubber products and others	.. 3,112.00
8.	285	Printing of books and journals	.. 3,090.90
9.	274	Manufacture of wooden bobbins, blocks, etc.	.. 2,200.00
10.	211	Manufacture of edible oils	.. 2,000.00
11.	272	Cane and bamboo boxes	.. 1,944.79
12.	340	Manufacture of drums, tanks etc.	.. 1,633.40
13.	271	Sawmills	.. 1,457.89
14.	281	Manufacture of paper and paper boards	.. 1,252.63
15.	214	Cashewnut processing	.. 941.95
16.		Other industries	.. 5,697.55
		All industries	.. 1,397.51

TABLE 21.13

Arrangement of industries according to total input

			Quilon
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	5,119.45
2.	332	Manufacture of rubber products —Others ..	410.94
3.	203	Canning of fish and similar foods ..	390.14
4.	340	Manufacture of drums, tanks etc. ..	179.23
5.	211	Manufacture of other edible oils ..	149.76
6.	212	Tea processing ..	81.80
7.	271	Sawmills ..	58.24
8.	320	Manufacture of structural clay products ..	55.21
9.	341	Manufacture of structural metal products ..	51.15
10.	281	Manufacture of paper and paper boards ..	46.11
11.	310	Manufacture of basic heavy organic chemicals ..	28.28
12.	272	Manufacture of cane and bam- boo boxes ..	15.33
13.	274	Manufacture of wooden bobbins and blocks ..	5.61
14.	370	Boat building and repairing ..	2.34
15.	285	Printing of books and journals ..	1.84
16.		Other industries ..	1,790.29
Total ..			8,385.42

TABLE 21.14

Arrangement of industries according to total output

			Quilon
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	6,507.31
2.	302	Manufacture of rubber products—Others ..	587.91
3.	203	Canning of fish and similar foods ..	424.47
4.	340	Manufacture of drums and tanks etc. ..	210.39
5.	211	Manufacture of other edible oils ..	155.02
6.	329	Manufacture structural clay products ..	132.98
7.	271	Sawmills ..	90.81
8.	212	Tea processing ..	88.19
9.	341	Manufacture of structural metal products ..	66.67
10.	281	Manufacture of paper and paper boards ..	62.26
11.	310	Manufacture of basic heavy organic chemicals ..	44.77
12.	272	Manufacture of cane and bamboo boxes ..	19.64
13.	274	Manufacture of wooden bobbins and blocks ..	7.60
14.	370	Boat building and repairing ..	5.17
15.	285	Printing of books and journals ..	3.50
16.		Other industries ..	2,570.50
Total ..			10,977.19

TABLE 21.15

Arrangement of industries according to value added

			Quilon
			<i>Value added by manufacture</i>
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>(Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	1,374.55
2.	302	Manufacture of rubber products— Other ..	170.54
3.	320	Manufacture of structural clay products ..	74.64
4.	271	Sawmills ..	32.04
5.	203	Canning of fish and similar foods ..	30.62
6.	340	Manufacture of drums and tanks etc. ..	30.24
7.	310	Manufacture of basic heavy organic chemicals ..	15.84
8.	341	Manufacture of structural metal products ..	15.35
9.	281	Manufacture of paper and paper boards ..	14.98
10.	212	Tea processing ..	5.87
11.	272	Manufacture of cane and bam- boo boxes ..	4.36
12.	211	Manufacture of other edible oils ..	3.67
13.	370	Boat building and repairing ..	2.64
14.	274	Manufacture of wooden bobbins and blocks ..	1.91
15.	255	Printing of books and journals ..	1.53
16.		Other industries ..	707.36
Total ..			2,486.14

TABLE 21.16

Arrangement of industries according to net income

			Quilon
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing ..	1,291.36
2.	302	Manufacture of rubber products —Others ..	170.54
3.	320	Manufacture of structural clay products ..	73.28
4.	271	Sawmills ..	31.05
5.	340	Manufacture of drums, tanks, etc. ..	24.45
6.	203	Canning of fish and similar foods ..	17.51
7.	310	Manufacture of basic heavy organic chemicals ..	15.56
8.	341	Manufacture of structural metal products ..	14.20
9.	281	Manufacture of paper and paper boards ..	13.18
10.	212	Tea processing ..	5.76
11.	272	Manufacture of cane and bam- boo boxes ..	4.15
12.	370	Boat building and repairing ..	2.64
13.	211	Manufacture of other edible oils ..	2.37
14.	274	Manufacture of wooden bobbins and blocks ..	1.83
15.	285	Printing of books and journals ..	1.53
16.		Other industries ..	610.34
Total ..			2,279.75

TABLE 22
Alleppey

Serial number	Item	State			District			Percentage		
		Census	Non-census	Total	Census	Non-census	Total	District Census total to State census total	District non-census total to State non-census total	District total to State total
1	2	3	4	5	6	7	8	9	10	11
1	No. of factories reported ..	904	1,414	2,318	46	100	146	5.09	7.07	6.30
2	Fixed capital (Rs. in lakhs) ..	41,709.21	2,141.57	43,850.78	288.43	380.62	669.05	0.69	17.78	1.53
3	Working capital ..	12,589.86	1,366.57	13,956.43	433.67	105.63	539.30	3.44	7.73	3.86
4	Productive capital ..	54,299.07	3,508.14	57,807.21	722.10	486.26	1,208.36	1.33	13.86	2.09
5	Invested capital ..	59,419.49	3,463.72	62,883.21	879.39	514.68	1,394.07	1.48	14.86	2.22
6	Outstanding loans ..	38,275.72	1,474.54	39,750.26	453.72	172.72	626.4	1.19	11.71	1.58
7	All workers No. ..	176,813	31,210	208,023	8,832	1,976	10,808	5.00	6.33	5.20
8	All employees ..	205,733	37,696	243,429	10,529	2,412	12,941	5.12	6.40	5.32
9	Wages to workers (Rs. in lakhs) ..	4,515.20	574.67	5,089.87	159.17	44.28	203.45	3.53	7.71	4.00
10	Wages, salaries and other benefits to employees ..	7,565.66	885.66	8,451.32	245.85	60.39	306.24	3.25	6.80	3.62
11	Material input ..	48,031.40	8,945.03	56,976.43	1,722.55	1,137.13	2,859.68	3.59	12.72	5.02
12	Total input ..	50,541.16	9,116.86	59,658.02	1,756.86	1,152.08	2,908.94	3.48	12.65	4.88
13	Total output ..	66,752.81	11,241.05	77,993.86	2,219.72	1,278.79	3,498.51	3.33	11.38	4.49
14	Value added ..	13,701.89	1,952.36	15,654.25	428.55	111.76	540.31	3.13	5.72	3.46
15	Net income ..	12,243.13	1,786.08	14,029.21	381.95	92.02	473.98	3.12	5.15	3.38

TABLE 22.1

Arrangement of industries according to No. of units

Sl. No.	Code	Name of industry	Alleppey	
			No. of units	No.
(1)	(2)	(3)	(4)	
1.	268	Coir and coir products	..	55
2.	211	Manufacture of edible oils	..	18
3.	203	Canning of fish	..	12
4.	271	Sawmills	..	8
5.	285	Printing of books and journals	..	6
6.	214	Cashewnut processing	..	5
7.	313	Manufacture of allopathic medicines	..	4
8.	320	Manufacture of tiles and bricks	..	4
9.	360	Manufacture of transformers and electric motors	..	4
10.	321	Manufacture of hollow glassware	..	3
11.		Other industries	..	27
Total			..	146

TABLE 22.2

Arrangement of industries according to fixed capital

Sl. No.	Code	Name of industry	Alleppey	
			Fixed capital (Rs. in lakhs)	
(1)	(2)	(3)	(4)	
1.	321	Manufacture of hollow glassware	..	247.48
2.	268	Coir and coir products	..	82.24
3.	203	Canning of fish	..	21.08
4.	360	Manufacture of transformers and electric motors	..	17.85
5.	313	Manufacture of allopathic medicines	..	14.17
6.	285	Printing of books and journals	..	13.85
7.	320	Manufacture of tiles and bricks	..	9.76
8.	211	Manufacture of edible oils	..	4.62
9.	271	Sawmills	..	1.76
10.	214	Cashewnut processing	..	0.78
11.		Other industries	..	255.46
Total			..	669.05

TABLE 22·3

Arrangement of industries according to working capital

			Alleppey
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	268	Coir and coir products ..	151·14
2.	360	Manufacture of transformers and electric motors ..	124·50
3.	214	Cashewnut processing ..	70·58
4.	203	Canning of fish ..	25·29
5.	211	Manufacture of edible oils ..	22·57
6.	313	Manufacture of allopathic medicines ..	5·81
7.	271	Sawmills ..	2·81
8.	285	Manufacture of books and journals ..	1·41
9.	320	Manufacture of tiles and bricks ..	0·71
10.	321	Manufacture of hollow glassware ..	..
11.		Other industries ..	117·79
Total ..			522·61

TABLE 22·4

Arrangement of industries according to productive capital

			Alleppey
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	321	Manufacture of hollow glassware ..	247·48
2.	268	Coir and coir products ..	233·38
3.	360	Manufacture of transformers and electric motors ..	142·35
4.	214	Cashewnut processing ..	71·36
5.	203	Canning of fish ..	46·37
6.	211	Manufacture of edible oils ..	27·19
7.	313	Manufacture of allopathic medicines ..	19·98
8.	285	Printing of books and journals ..	15·26
9.	320	Manufacture of tiles and bricks ..	10·47
10.	271	Sawmills ..	4·57
11.		Other industries ..	373·25
Total ..			1,191·66

TABLE 22·5

Arrangement of industries according to invested capital

			Alleppey
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	268	Coir and coir products	279·13
2.	360	Manufacture of transformers and electric motors	265·01
3.	321	Manufacture of hollow glassware	247·48
4.	214	Cashewnut processing	61·86
5.	203	Canning of fish	60·17
6.	211	Manufacture of edible oils	29·64
7.	313	Manufacture of allopathic medicines	21·37
8.	285	Printing of books and journals	16·62
9.	320	Manufacture of tiles and bricks	11·81
10.	271	Sawmills	2·37
11.		Other industries	398·61
Total			1,394·07

TABLE 22·6

Arrangement of industries according to outstanding loans

			Alleppey
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Outstanding loans (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	268	Coir and coir products	272·92
2.	360	Manufacture of transformers and electric motors	86·77
3.	203	Canning of fish	43·89
4.	285	Printing of books and journals	16·81
5.	313	Manufacture of allopathic medicines	9·57
6.	320	Manufacture of tiles and bricks	8·01
7.	211	Manufacture of edible oils	7·96
8.	214	Cashewnut processing	4·45
9.	271	Sawmills	0·57
10.	321	Manufacture of hollow glassware	..
11.		Other industries	175·43
Total			626·43

TABLE 22·7

Arrangement of industries according to all workers

			Alleppey
			<i>All workers</i>
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>No.</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing	.. 5,564
2.	268	Coir and coir products	.. 1,865
3.	321	Manufacture of hollow glassware	.. 424
4.	271	Sawmills	.. 354
5.	360	Manufacture of transformers and electric motors	.. 349
6.	203	Canning of fish	.. 185
7.	313	Manufacture of allopathic medicines	.. 104
8.	320	Manufacture of tiles and bricks	.. 100
9.	285	Printing of books and journals	.. 90
10.	211	Manufacture of edible oils	.. 50
11.		Other industries	.. 1,722
Total			.. <u>10,808</u>

TABLE 22·8

Arrangement of industries according to all employees

			Alleppey
			<i>All employees</i>
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>No.</i>
(1)	(2)	(3)	(4)
1.	214	Cashewnut processing	.. 5,752
2.	268	Coir and coir products	.. 3,009
3.	360	Manufacture of transformers and electric motors	.. 476
4.	321	Manufacture of hollow glassware	.. 426
5.	271	Sawmills	.. 393
6.	203	Canning of fish	.. 311
7.	320	Manufacture of tiles and bricks	.. 136
8.	313	Manufacture of allopathic medicines	.. 120
9.	285	Printing of books and journals	.. 114
10.	211	Manufacture of edible oils	.. 76
11.		Other industries	.. 2,128
Total			.. <u>12,241</u>

TABLE 22.9

Arrangement of industries according to wages to workers

<i>Sl. No.</i>	<i>Code</i>	<i>Name of Industry</i>	<i>Alleppey Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
			Alleppey
1.	268	Coir and coir products ..	55.74
2.	214	Cashewnut processing ..	48.74
3.	360	Manufacture of transformers and electric motors ..	12.30
4.	321	Manufacture of hollow glassware ..	7.11
5.	313	Manufacture of allopathic medicines ..	4.23
6.	271	Sawmills ..	3.43
7.	203	Canning of fish ..	3.30
8.	285	Printing of books and journals ..	2.38
9.	211	Manufacture of edible oils ..	1.22
10.	320	Manufacture of tiles and bricks ..	1.21
11.		Other industries ..	63.80
		Total ..	203.46

TABLE 22.10

Arrangement of industries according to total emoluments

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Alleppey Total emoluments (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	268	Coir and coir products ..	85.84
2.	214	Cashewnut processing ..	65.59
3.	360	Manufacture of transformers and electric motors ..	26.50
4.	203	Canning of fish ..	7.94
5.	321	Manufacture of hollow glassware ..	7.11
6.	313	Manufacture of allopathic medicines ..	6.15
7.	271	Sawmills ..	4.95
8.	285	Printing of books and journals ..	3.37
9.	320	Manufacture of tiles and bricks ..	1.90
10.	211	Manufacture of edible oils ..	1.80
11.		Other industries ..	95.09
		Total	306.24

TABLE 22.11

Arrangement of industries according to total input

			Alleppey
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	268	Coir and coir products ..	1051.67
2.	214	Cashewnut processing ..	271.40
3.	203	Canning of fish ..	269.01
4.	211	Manufacture of edible oils ..	199.59
5.	360	Manufacture of transformers and electric motors ..	71.93
6.	313	Manufacture of allopathic medicines ..	21.94
7.	271	Sawmills ..	19.36
8.	321	Manufacture of hollow glassware ..	17.46
9.	285	Printing of books and journals ..	10.22
10.	320	Manufacture of tiles and bricks ..	2.34
11.		Other industries ..	974.02
Total ..			2908.94

TABLE 22.12

Arrangement of industries according to total output

			Alleppey
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	268	Coir and coir products ..	1224.02
2.	214	Cashewnut processing ..	377.70
3.	203	Canning of fish ..	30.46
4.	211	Manufacture of edible oils ..	207.84
5.	360	Manufacture of transformers and electric motors ..	109.85
6.	313	Manufacture of allopathic medicines ..	34.79
7.	271	Sawmills ..	26.67
8.	321	Manufacture of hollow glassware ..	24.52
9.	285	Printing of books and journals ..	14.54
10.	320	Manufacture of tiles and bricks ..	3.22
11.		Other industries ..	1173.90
Total ..			3498.51

TABLE 22.13

Arrangement of industries according to value added

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Alleppey Value added (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	268	Coir and coir products ..	167.61
2.	214	Cashewnut processing ..	106.20
3.	360	Manufacture of transformers and electric motors ..	28.83
4.	203	Canning of fish ..	28.74
5.	313	Manufacture of allopathic medicines ..	10.99
6.	211	Manufacture of edible oils ..	7.99
7.	271	Sawmills ..	7.20
8.	321	Manufacture of hollow glassware ..	5.80
9.	285	Printing of books and journals ..	4.15
10.	320	Manufacture of tiles and bricks ..	0.13
11.		Other industries ..	172.58
		Total ..	540.32

TABLE 22.14

Arrangement of industries according to net income

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Alleppey Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	268	Coir and coir products ..	146.28
2.	214	Cashewnut processing ..	103.48
3.	203	Canning of fish ..	26.31
4.	360	Manufacture of transformers and electric motors ..	15.85
5.	313	Manufacture of allopathic medicines ..	9.78
6.	271	Sawmills ..	6.91
7.	211	Manufacture of edible oils ..	6.10
8.	321	Manufacture of hollow glassware ..	5.80
9.	285	Printing of books and journals ..	1.03
10.	320	Manufacture of tiles and bricks (—) ..	0.57
11.		Other industries ..	153.01
		Total ..	473.98

TABLE 22-15
Average wages per worker

			Alleppey
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wage per worker (Rs.)</i>
(1)	(2)	(3)	(4)
1.	313	Manufacture of allopathic medicines..	4067.31
2.	360	Manufacture of transformers and electric motors ..	3524.35
3.	268	Coir and coir products ..	2987.14
4.	285	Printing of books and journals ..	2644.44
5.	211	Manufacture of edible oils ..	2440.00
6.	203	Canning of fish ..	1783.78
7.	321	Manufacture of hollow glassware ..	1676.89
8.	320	Manufacture of tiles and bricks ..	1210.00
9.	271	Sawmills ..	968.93
10.	214	Cashewnut processing ..	875.99
11.		Other industries ..	3704.99
			1882.49

TABLE 22-16
Average wages, salaries and other benefits per employee

			Alleppey
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries, and other benefits per employee (Rs.)</i>
(1)	(2)	(3)	(4)
1.	360	Manufacture of transformers and electric motors ..	5567.23
2.	313	Manufacture of allopathic medicines..	5125.00
3.	285	Printing of books and journals ..	2956.14
4.	268	Coir and coir products ..	2852.77
5.	203	Canning of fish ..	2553.05
6.	211	Manufacture of edible oils ..	2368.42
7.	321	Manufacture of hollow glassware ..	1669.01
8.	320	Manufacture of tiles and bricks ..	1397.06
9.	271	Sawmills ..	1259.54
10.	214	Cashewnut processing ..	1140.30
11.		Other industries ..	5117.87
		Total ..	2416.86

TABLE 23
Summary of important characteristics of the district

Serial number	Items	State			District			Percentage			
		Non-census		Total	Census		Non-census	Total	District census total to state	District non-census total to state non-census	District total to state total
		3	4	5	6	7	8	9	10	11	
1	Number of factories reported (Number) ..	904	1414	2318	38	68	106	4.20	4.81	4.57	
2	Fixed capital (Rs. in lakhs) ..	41,709.21	2,141.57	43,850.78	438.76	48.71	487.47	1.05	2.27	1.11	
3	Working capital ..	12,589.16	1,366.57	13,956.43	365.08	43.65	408.73	2.90	3.19	2.93	
4	Productive capital ..	54,299.07	3,508.14	57,807.21	803.84	92.36	896.20	1.48	2.63	1.55	
5	Invested capital ..	59,419.49	3,463.72	62,883.21	1,048.90	101.74	1,150.64	1.77	2.91	1.83	
6	Outstanding loans ..	38,275.72	1,474.54	39,750.26	470.04	58.02	528.06	1.24	3.93	1.33	
7	All workers (No.) ..	176,813	31,210	208,023	3058	1,072	4,130	1.73	3.43	1.99	
8	All employees ..	205,738	37,696	243,429	4,151	14,42	5,593	2.02	3.83	2.30	
9	Wages to workers (Rs. in lakhs) ..	4,515.20	574.67	5,089.87	129.69	28.60	158.29	2.87	4.98	3.12	
10	Wages, salaries and other benefits to employees (Rs. in lakhs) ..	7,565.66	885.56	8,451.32	240.26	44.01	284.26	3.18	4.97	3.36	
11	Material input ..	48,311.40	8,945.03	56,976.43	2,233.23	21,939	2,452.62	4.65	2.45	4.30	
12	Total input ..	50,541.16	9,116.86	59,658.02	2,278.23	223.63	2,501.86	4.51	2.45	4.19	
13	Total output ..	66,752.81	11,241.05	77,993.86	2,783.27	317.41	3,100.68	4.17	2.82	3.98	
14	Value added ..	13,701.89	1,952.36	15,654.25	460.04	89.54	549.57	3.36	4.59	3.51	
15	Net income ..	12,243.13	1,786.08	14,029.21	402.95	83.71	486.66	3.29	4.69	3.47	

Kottayam

TABLE 23.1

Arrangement of industries according to number of units

			Kottayam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>No. of units</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products ..	35
2.	271	Saw mills ..	14
3.	285	Printing of books and journals ..	13
4.	973	Repair of motor vehicles ..	11
5.	270	Manufacture of plywood ..	6
6.	300	Tyre and tube industries ..	4
7.	320	Manufacture of structural clay products ..	4
8.	324	Manufacture of cement, lime and plaster ..	4
9.	202	Canning and preservation of fruits and vegetables ..	3
10.		Other industries ..	12
		Total ..	106

TABLE 23.2

Arrangement of industries according to fixed capital

			Kottayam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products ..	155.31
2.	270	Manufacture of plywood ..	34.66
3.	300	Tyre and tube industries ..	30.79
4.	324	Manufacture of cement, lime and plaster ..	30.63
5.	285	Printing of books and journals ..	10.96
6.	973	Repair of motor vehicles ..	9.63
7.	202	Canning and preservation of fruits and vegetables ..	6.28
8.	271	Saw mills ..	3.69
9.	320	Manufacture of structural clay products ..	1.59
10.		Other industries ..	203.93
		Total ..	487.47

TABLE 23.3

Arrangement of Industries according to working capital

			Kottayam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products ..	200.80
2.	324	Manufacture of cement, lime and plaster ..	23.32
3.	270	Manufacture of plywood ..	18.83
4.	202	Canning and preservation of fruits and vegetables ..	10.42
5.	285	Printing of books and journals ..	8.11
6.	271	Saw mills ..	4.39
7.	973	Repair of motor vehicles ..	2.13
8.	320	Manufacture of structural clay products ..	0.81
9.	300	Tyre and tube industries ..	(—) 10.32
10.		Other industries ..	150.24
		Total ..	408.73

TABLE 23.4

Arrangement of industries according to productive capital

			Kottayam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products ..	356.11
2.	324	Manufacture of cement, lime and plaster ..	53.95
3.	270	Manufacture of plywood ..	53.49
4.	300	Tyre and tube industries ..	20.47
5.	285	Printing of books and journals ..	19.07
6.	202	Canning and preservation of fruits and vegetables ..	16.70
7.	973	Repair of motor vehicles ..	11.76
8.	271	Saw mills ..	8.08
9.	320	Manufacture of structural clay products ..	2.40
10.		Other industries ..	354.17
		Total ..	896.20

TABLE 23.5

Arrangement of industries according to invested capital

			Kottayam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products ..	412.12
2.	324	Manufacture of cement, lime and plaster ..	70.60
3.	300	Tyre and tube industries ..	68.19
4.	270	Manufacture of plywood ..	54.25
5.	285	Printing of books and journals ..	17.83
6.	202	Canning and preservation of fruits and vegetables ..	16.18
7.	973	Repair of motor vehicles ..	12.32
8.	271	Saw mills ..	8.69
9.	320	Manufacture of structural clay products ..	2.58
10.		Other industries ..	487.34
Total ..			1,150.10

TABLE 23.6

Arrangement of industries according to outstanding loan

			Kottayam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Outstanding loans (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products ..	112.80
2.	300	Tyre and tube industries ..	50.65
3.	270	Manufacture of plywood ..	37.18
4.	202	Canning and preservation of fruits and vegetables ..	18.72
5.	324	Manufacture of structural clay products ..	18.26
6.	271	Saw mills ..	5.60
7.	285	Printing of books and journals ..	3.58
8.	973	Repair of motor vehicles ..	1.09
9.		Other industries ..	280.18
Total ..			528.06

TABLE 23.7

Arrangements of industries according to all workers

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Kottayam <i>All workers</i> (<i>No.</i>)
(1)	(2)	(3)	(4)
1.	302	Manufacture of Rubber Products ..	1153
2.	270	Manufacture of Plywood ..	396
3.	973	Repair of Motor vehicles ..	370
4.	300	Tyre and tube industries ..	358
5.	285	Printing of books and journals ..	333
6.	271	Saw mills ..	295
7.	324	Manufacture of cement, lime and plaster ..	280
8.	202	Manufacture of rubber products ..	58
9.	320	Manufacture of structural clay products ..	42
10.		Other industries ..	845
		Total ..	4130

TABLE 23.8

Arrangement of industries according to all employees

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Kottayam <i>All employees</i> (<i>No.</i>)
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products ..	1508
2.	300	Tyre and tube industries ..	600
3.	270	Manufacture of plywood ..	513
4.	973	Repair of motor vehicles ..	452
5.	285	Printing of books and journals ..	409
6.	324	Manufacture of cement lime and plaster ..	356
7.	271	Saw mills ..	335
8.	202	Canning and preservation of fruits and vegetables ..	77
9.	320	Manufacture of structural clay products ..	54
10.		Other industries ..	1289
		Total ..	5593

TABLE 23.9

Arrangement of industries according to wages to workers

			Kottayam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products	33.17
2.	324	Manufacture of cement, lime and plaster	21.28
3.	973	Repair of motor vehicles	18.47
4.	270	Manufacture of plywood	14.64
5.	300	Tyre and tube industries	12.07
6.	285	Printing of books and journals	8.51
7.	271	Saw mills	4.35
8.	320	Manufacture of structural clay products	1.17
9.	202	Canning and preservation of fruits and vegetables	1.12
10.		Other industries	43.52
		Total	158.30

TABLE 23.10

Arrangement of industries according to total emoluments

			Kottayam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total emoluments (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products	64.88
2.	324	Manufacture of cement, lime and plaster	34.98
3.	973	Repair of motor vehicles	26.27
4.	300	Tyre and tube industries	25.03
5.	270	Manufacture of plywood	23.34
6.	285	Printing of books and journals	11.11
7.	271	Saw mills	5.86
8.	202	Canning and preservation of fruits and vegetables	2.20
9.	320	Manufacture of structural clay products	1.38
10.		Other industries	89.21
		Total	284.26

TABLE 23.11

Arrangement of industries according to total input

Sl. No.	Code	Name of industry	Kottayam
			Total input (Rs. in lakhs)
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products	1454.49
2.	324	Manufacture of cement, lime and plaster	129.59
3.	300	Tyre and tube industries	102.15
4.	270	Manufacture of plywood	93.93
5.	973	Repair of motor vehicles	81.05
6.	202	Canning and preservation of fruits and vegetables	23.90
7.	271	Saw mills	18.60
8.	285	Printing of books and journals	14.52
9.	320	Manufacture of structural clay products	0.87
10.		Other industries	582.76
		Total	2501.86

TABLE 23.12

Arrangement of industries according to total output

Sl. No.	Code	Name of industry	Kottayam
			Total output (Rs. in lakhs)
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products	1621.48
2.	324	Manufacture of cement, lime and plaster	171.10
3.	300	Tyre and tube industries	136.15
4.	270	Manufacture of plywood	135.68
5.	973	Repair of motor vehicles	115.43
6.	202	Canning and preservation of fruits and vegetables	32.79
7.	285	Printing of books and journals	27.91
8.	271	Saw mills	26.76
9.	323	Manufacture of structural clay products	2.97
10.		Other industries	830.41
		Total	3100.68

TABLE 23.13

Arrangement of industries according to value added

Sl. No.	Code	Name of industry	Kottayam	
				Value added in (Rs. in lakhs)
(1)	(2)	(3)		(4)
1.	302	Manufacture of rubber products	..	147.02
2.	270	Manufacture of plywood	..	39.38
3.	324	Manufacture of cement, lime and plaster	..	39.14
4.	973	Repair of motor vehicles	..	33.66
5.	300	Tyre and tube industries	..	31.40
6.	285	Printing of books and journals	..	12.35
7.	202	Canning and preservation of fruits and vegetables	..	8.47
8.	271	Saw mills	..	7.74
9.	320	Manufacture of structural clay products	..	1.98
10.		Other industries	..	228.43
		Total	..	549.57

TABLE 23.14

Average wages, salaries and other benefits per employee

Sl. No.	Code	Name of industry	Kottayam	
				Average wages, salaries and other benefits per employee (Rs.)
(1)	(2)	(3)		(4)
1.	324	Manufacture of cement, lime and plaster	..	9825.84
2.	973	Repair of motor vehicles	..	5811.95
3.	270	Manufacture of plywood	..	4549.71
4.	302	Manufacture of rubber products	..	4302.39
5.	300	Tyre and tube industries	..	4171.67
6.	202	Canning and preservation of fruits and vegetables	..	2857.14
7.	285	Printing of books and journals	..	2716.38
8.	320	Manufacture of structural clay products	..	2555.56
9.	271	Saw mills	..	1749.25
10.		Other industries	..	6929.87
		Total		5082.42

TABLE 23.15

Average wage per worker

Sl. No.	Code	Name of industry	Kottayam	
				Average wage per worker (Rs.)
(1)	(2)	(3)		(4)
1.	324	Manufacture of cement, lime and plaster	..	7600.00
2.	973	Repair of motor vehicles	..	4991.89
3.	270	Manufacture of plywood	..	3696.97
4.	300	Tyre and tube industries	..	3371.51
5.	302	Manufacture of rubber products	..	2876.84
6.	320	Manufacture of structural clay products	..	2785.71
7.	285	Printing of books and journals	..	2555.56
8.	202	Canning and preservation of fruits and vegetables	..	1931.03
9.	271	Saw mills	..	1474.58
10.		Other industries	..	5150.30
		Total	..	3832.93

TABLE 23.16

Arrangement of industries according to net income

Sl. No.	Code	Name of industry	Kottayam	
				Net income (Rs. in lakhs)
(1)	(2)	(3)		(4)
1.	302	Manufacture of rubber products		135.12
2.	324	Manufacture of cement, lime and plaster	..	36.43
3.	270	Manufacture of plywood	..	34.75
4.	973	Repair of motor vehicles	..	33.38
5.	300	Tyre and tube industries	..	22.44
6.	285	Printing of books and journals	..	11.71
7.	202	Canning and preservation of fruits and vegetables	..	7.81
8.	271	Saw mills	..	7.08
9.	320	Manufacture of structural clay products	..	1.97
10.		Other industries	..	195.97
		Total	..	486.66

TABLE 24

Summary of the important characteristics of the District

Idikki

Serial number	Item	State			District			Percentage		
		Census	Non-Census	Total	Census	Non-Census	Total	District Census to State	District Census to Non-Census	District Total to State Total
1	2	3	4	5	6	7	8	9	10	11
1	No. of factories reported	904	1,414	2,318	58	34	92	6.42	2.40	3.97
2	Fixed capital (Rs. in lakhs)	41,709.21	2,141.57	43,850.78	205.80	51.56	257.36	0.49	2.41	0.59
3	Working capital (")	12,589.86	1,366.57	13,956.43	108.85	28.49	137.34	0.86	2.08	0.98
4	Productive capital (")	54,299.07	3,508.14	57,807.21	314.65	80.05	394.70	0.58	2.28	0.68
5	Invested capital (")	59,419.49	3,463.72	62,883.21	315.11	70.06	385.18	0.53	2.02	0.61
6	Outstanding loans (")	38,275.72	1,474.54	39,750.26	1.23	54.04	55.27	0.00	3.66	0.14
7	All workers (No.)	176,813	31,210	208,023	3,237	848	4,085	1.83	2.72	1.96
8	All employees (")	205,733	37,696	243,429	3,544	988	4,532	1.72	2.62	1.86
9	Wages to workers (Rs. in lakhs)	4,515.20	574.67	5,089.87	56.88	20.43	77.31	1.26	3.55	1.52
10	Wages, salaries and other benefits to employees (Rs. in lakhs)	7,565.66	885.66	8,451.32	90.94	30.38	121.12	1.20	3.43	1.43
11	Material input (")	48,031.40	8,945.03	56,976.43	1,442.40	241.90	1,684.30	3.01	2.70	2.96
12	Total input (")	50,541.16	9,116.86	59,658.02	1,462.73	246.83	1,709.56	2.88	2.71	2.86
13	Total output (")	66,752.81	11,241.05	77,993.86	2,032.40	332.36	2,364.76	3.04	2.96	3.03
14	Value added (")	13,701.89	1,952.36	15,654.25	549.34	80.60	629.93	4.01	4.13	4.02
15	Net income (")	12,243.13	1,786.08	14,029.21	549.23	79.47	628.69	4.49	4.45	4.48

TABLE 24.1

Arrangement of industries according to number of units

			Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>No. of units</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing	72
2.	302	Manufacture of rubber products	7
3.	271	Saw mills	3
4.	973	Repair of motor vehicles	3
5.		Other industries	7
Total			92

TABLE 24.2

Arrangement of industries according to fixed capital

			Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing	233.77
2.	302	Manufacture of rubber products	11.90
3.	973	Repair of motor vehicles	2.24
4.	271	Saw mills	0.53
5.		Other industries	8.92
Total			257.36

TABLE 24.3

Arrangement of industries according to working capital

			Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing	112.77
2.	302	Manufacture of rubber products	7.66
3.	973	Repair of motor vehicles	6.11
4.	271	Saw mills	0.15
5.		Other industries	10.65
		Total	137.34

TABLE 24.4

Arrangement of industries according to productive capital

			Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing	346.54
2.	973	Repair of motor vehicles	19.57
3.	302	Manufacture of rubber products	19.56
4.	271	Saw mills	0.68
5.		Other industries	19.57
		Total	394.70

TABLE 24.5

Arrangement of industries according to invested capital

				Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>		<i>Invested capital (Rs. in lakhs)</i>
(1)	(2)	(3)		(4)
1.	212	Tea processing		346.52
2.	302	Manufacture of rubber products		19.42
3.	973	Repair of motor vehicles		8.34
4.	271	Saw mills		0.59
5.		Other industries		10.31
		Total		<u>385.18</u>

TABLE 24.6

Arrangement of industries according to outstanding loan

				Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>		<i>Outstanding loans (Rs. in lakhs)</i>
(1)	(2)	(3)		(4)
1.	212	Tea processing		48.00
2.	302	Manufacture of rubber products		2.74
3.	973	Repair of motor vehicles		0.78
4.	271	Saw mills		0.24
5.		Other industries		3.51
		Total		<u>55.27</u>

TABLE 24.7

Arrangement of industries according to all workers

			Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers (Nos.)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing	3,499
2.	302	Manufacture of rubber products	159
3.	973	Repair of motor vehicles	100
4.	271	Saw mills	54
5.		Other industries	273
Total			4,085

TABLE 24.8

Arrangement of industries according to all employees

			Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employes (Nos.)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing	3,844
2.	302	Manufacture of rubber products	181
3.	973	Repair of motor vehicles	114
4.	271	Saw mills	60
5.		Other industries	333
Total			4,532

TABLE 24.9

Arrangement of industries according to wages

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Iddikki Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing ..	58.69
2.	302	Manufacture of rubber products ..	3.34
3.	973	Repair of motor vehicles ..	3.07
4.	271	Saw mills ..	1.76
5.		Other industries ..	10.45
		Total ..	<u>77.31</u>

TABLE 24.10

Arrangement of industries according to total emoluments

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total emoluments (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing ..	95.76
2.	302	Manufacture of rubber products ..	4.80
3.	973	Repair of motor vehicles ..	3.91
4.	271	Saw mills ..	2.24
5.		Other industries ..	14.41
		Total ..	<u>121.12</u>

TABLE 24.11

Arrangement of industries according to total input

			Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing ..	1,559.51
2.	302	Manufacture of rubber products ..	78.18
3.	271	Saw mills ..	7.68
4.	973	Manufacture of motor vehicles ..	6.40
5.		Other industries ..	57.79
		Total	1,709.56

TABLE 24.12

Arrangement of industries according to total output

			Idikki
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing ..	2,153.64
2.	302	Manufacture of rubber products ..	119.47
3.	973	Repair of motor vehicles ..	11.24
4.	271	Saw mills ..	10.54
5.		Other industries ..	69.86
		Total	2,364.75

TABLE 24.13

Arrangement of industries according to value added

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Idikki</i>
			<i>Value added (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing ..	571.16
2.	302	Manufacture of rubber products ..	40.10
3.	973	Repair of motor vehicles ..	4.82
4.	271	Saw mills ..	2.82
5.		Other industries ..	11.03
		Total	629.93

TABLE 24.14

Arrangement of industries according to net income

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Idikki</i>
			<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	212	Tea processing ..	570.76
2.	302	Manufacture of rubber products ..	39.60
3.	973	Repair of motor vehicles ..	4.82
4.	271	Saw mills ..	2.79
5.		Other industries ..	10.72
		Total	628.69

TABLE 24.15

Average wage per worker

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Idikki	
				<i>Average wage per worker (Rs.)</i>
(1)	(2)	(3)		(4)
1.	271	Sawmills	..	3,259.25
2.	973	Repair of motor vehicles	..	3,070.00
3.	302	Manufacture of rubber products	..	2,100.63
4.	212	Tea processing	..	1,677.34
5.		Other industries	..	3,827.84
		Total	..	1,892.53

TABLE 24.16

Average wages, salaries and other benefits per employee

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Idikki	
				<i>Average wages, salaries and other benefits per employee (Rs.)</i>
(1)	(2)	(3)		(4)
1.	271	Sawmills		3,733.33
2.	973	Repair of motor vehicles	..	3,429.82
3.	302	Manufacture of rubber products	..	2,651.93
4.	212	Tea processing	..	2,491.16
5.		Other industries	..	4,327.33
		Total	..	2,672.55

TABLE 25
Summary of important characteristics of the District

District: Ernakulam

Serial number	Items	State			District			Percentage		
		Census	Non-census	Total	Census	Non-census	Total	District census total to State census total	District non-census total to State non-census total	District total to State total
1	2	3	4	5	6	7	8	9	10	11
1	Number of factories reported (Number)	904	1414	2318	122	206	328	13.50	14.57	14.15
2	Fixed capital (Rs. in lakhs)	41,709.21	2,141.57	43,850.78	13,631.57	828.44	14,460.00	32.68	38.68	32.98
3	Working capital "	12,589.86	1,366.57	13,956.43	5,105.80	521.09	5,626.89	40.56	38.13	40.32
4	Productive capital "	54,299.07	3,508.14	57,807.21	18,737.36	1,349.53	20,086.89	34.51	38.47	34.75
5	Invested capital "	59,419.49	3,463.72	62,883.21	22,416.55	1,261.65	23,678.20	37.73	36.42	37.65
6	Outstanding loans "	38,275.72	1,474.54	39,750.26	9,017.70	472.25	9,489.95	23.56	32.03	23.87
7	All workers (No.)	176,813	31,210	208,023	18,475	3,774	22,249	10.45	12.09	10.70
8	All employees (No.)	205,738	37,696	243,429	24,598	5,216	29,814	11.96	13.84	12.25
9	Wages to workers (Rs. in lakhs)	4,515.20	574.67	5,089.87	1,314.80	115.55	1,430.35	29.12	20.11	28.10
10	Wages, salaries and other benefits to employees (Rs. in lakhs)	7,565.66	885.66	8,451.32	2,316.98	219.27	2,536.25	30.62	24.07	30.01
11	Material input (Rs. in lakhs)	48,031.40	8,945.03	56,976.43	25,727.71	1,792.05	27,519.76	53.56	20.03	48.30
12	Total input "	50,541.16	9,116.86	59,658.02	27,090.84	1,856.99	28,947.83	53.60	20.37	48.52
13	Total output "	66,752.81	11,241.05	77,993.86	33,061.59	2,641.80	35,703.39	49.53	23.50	45.78
14	Value added "	13,701.89	1,952.36	15,654.25	4,607.62	719.87	5,327.49	33.63	36.87	34.03
15	Net income "	12,243.13	1,786.08	14,029.21	3,820.89	665.73	4,486.62	31.22	37.27	31.98

TABLE 25.1

Arrangement of industries according to number of units

			Ernakulam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>No. of units</i>
(1)	(2)	(3)	(4)
1.	271	Sawmills	54
2.	203	Canning, preserving and processing of fish	36
3.	285	Printing of books and journals	21
4.	320	Manufacture of tiles and clay products	20
5.	341	Manufacture of structural metal products	16
6.	370	Ship building, repairing and boat building	16
7.	340	Manufacture of drums, tanks, rails, etc.	15
8.	973	Repair of motor vehicles	13
9.	310	Manufacture of basic heavy organic and inorganic chemicals	10
10.	268	Manufacture of coir and coir products	8
11.	311	Manufacture of inorganic and mixed chemicals and pesticides	5
12.	331	Casting and forging of iron and steel—others	5
13.	345	Manufacture of metal utensils, cutlery, kitchenware	5
14.	363	Manufacture of household appliances	5
15.	204	Flour milling and rice milling	4
16.	211	Manufacture of edible oils	4
17.	300	Tyre and tube industries	4
18.	314	Manufacture of detergents	4
19.	316	Manufacture of synthetic fibres and resin	4
20.	376	Manufacture of bicycles, cycle rickshaw and parts	4
21.	214	Cashewnut processing	3
22.	231	Cotton spinning and weaving mills	3

TABLE 25.1—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>No. of units</i>
(1)	(2)	(3)	(4)
23.	276	Manufacture of wooden furniture and fixtures	3
24.	284	Printing and publishing of newspapers	3
25.	313	Manufacture of allopathic medicines	3
26.	343	Manufacture of hand tools and general hardware	3
27.	359	General engineering	3
28.	360	Manufacture of transformers	3
29.	361	Manufacture of insulated wires and cables	3
30.		Other industries	48
		Total	328

TABLE 25.2

Arrangement of industries according to fixed capital

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Ernakulam Fixed capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic, mixed chemicals and pesticides	7,193.40
2.	310	Manufacture of basic heavy organic and inorganic chemicals	1,808.22
3.	203	Canning, preserving and processing of fish	279.74
4.	363	Manufacture of household appliances	238.96
5.	360	Manufacture of transformers	209.97
6.	300	Tyre and tube industries	167.11
7.	231	Cotton spinning and weaving mills	152.95
8.	340	Manufacture of drums, tanks, rails, etc.	139.69
9.	361	Manufacture of insulated wires and cables	126.74

TABLE 25.2—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
10.	314	Manufacture of detergents ..	107.13
11.	331	Casting and forging of iron and steel—others ..	77.23
12.	341	Manufacture of structural metal products ..	73.76
13.	320	Manufacture of tiles and clay products ..	56.61
14.	316	Manufacture of synthetic fibres and resins ..	36.07
15.	271	Sawmills ..	29.03
16.	370	Ship building and repairing, boat building ..	27.50
17.	285	Printing of books and journals ..	27.15
18.	284	Printing and publishing of newspapers ..	12.55
19.	268	Manufacture of coir and coir products ..	9.38
20.	973	Repair of motor vehicles ..	9.14
21.	313	Manufacture of allopathic medicines ..	8.48
22.	376	Manufacture of bicycles, cycle rickshaw and parts ..	7.21
23.	343	Manufacture of hand tools and general hardware ..	6.41
24.	276	Manufacture of wooden furniture and fixtures ..	6.09
25.	345	Manufacture of metal utensils, cutlery, kitchenware ..	4.67
26.	359	General engineering ..	4.16
27.	214	Cashewnut processing ..	2.13
28.	211	Manufacture of edible oils ..	1.04
29.	204	Flour milling and rice milling ..	0.31
30.		Other industries ..	3,637.15
		Total ..	14,460.00

TABLE 25.3

Arrangement of industries according to working capital

			Ernakulam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	1,237.93
2.	300	Tyre and tube industries ..	627.68
3.	310	Manufacture of basic heavy organic and inorganic chemicals ..	355.27
4.	360	Manufacture of transformers ..	331.89
5.	314	Manufacture of detergents ..	200.18
6.	340	Manufacture of drums, tanks, rails, etc. ..	168.51
7.	203	Canning, preserving and processing of fish ..	133.44
8.	341	Manufacture of structural metal products ..	129.34
9.	231	Cotton spinning and weaving mills ..	93.15
10.	284	Printing and publishing of newspapers ..	70.04
11.	361	Manufacture of insulated wires and cables ..	63.96
12.	276	Manufacture of wooden furniture and fixtures ..	35.98
13.	370	Ship building and repairing, boat building ..	31.56
14.	316	Manufacture of synthetic fibres and resins ..	31.25
15.	320	Manufacture of tiles and clay products ..	22.61
16.	271	Sawmills ..	21.78
17.	331	Casting and forging of iron and steel—others ..	19.98
18.	285	Printing of books and journals ..	15.06
19.	268	Manufacture of coir and coir products ..	12.01
20.	376	Manufacture of bicycles, cycle rickshaw and parts ..	8.50

TABLE 25.3—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
21.	363	Manufacture of household appliances	6.48
22.	973	Repair of motor vehicles	4.94
23.	214	Cashewnut processing	4.87
24.	211	Manufacture of edible oils	1.38
25.	359	General engineering	1.16
26.	345	Manufacture of metal utensils, cutlery, kitchenware	0.46
27.	204	Flour milling and rice milling	0.03
28.	343	Manufacture of hand tools and general hardware	(—) 1.24
29.	313	Manufacture of allopathic medicines	(—) 2.43
30.		Other industries	2,000.13
		Total	<u>5,626.89</u>

TABLE 25.4

Arrangement of industries according to productive capital

			Ernakulam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides	8,431.33
2.	310	Manufacture of basic heavy organic and inorganic chemicals	2,163.49
3.	300	Tyre and tube industries	794.79
4.	360	Manufacture of transformers	541.86
5.	203	Canning, preserving and processing of fish	413.18
6.	340	Manufacture of drums, tanks, rails, etc.	308.20
7.	314	Manufacture of detergents	307.31
8.	231	Cotton spinning and weaving mills	246.90
9.	363	Manufacture of household appliances	245.44

TABLE 25.4—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
10.	341	Manufacture of structural metal products ..	203·10
11.	361	Manufacture of insulated wires and cables ..	190·70
12.	331	Casting and forging of iron and steel—Others ..	97·21
13.	284	Printing and publishing of newspapers ..	82·59
14.	320	Manufacture of tiles and clay products ..	79·22
15.	271	Sawmills ..	50·81
16.	285	Printing of books and journals ..	42·21
17.	276	Manufacture of wooden furniture and fixtures ..	42·07
18.	316	Manufacture of synthetic fibres and resins ..	36·07
19.	268	Manufacture of coir and coir products ..	21·39
20.	370	Ship building and repairing, boat building ..	20·44
21.	973	Repair of motor vehicles ..	16·48
22.	376	Manufacture of bicycles, cycle rickshaw and parts ..	7·21
23.	214	Cashewnut processing ..	7·00
24.	313	Manufacture of allopathic medicines ..	6·04
25.	343	Manufacture of hand tools and general hardware ..	5·63
26.	345	Manufacture of metal utensils, cutlery, kitchenware ..	5·27
27.	359	General engineering ..	4·44
28.	211	Manufacture of edible oils ..	2·42
29.	204	Flour milling and rice milling ..	0·34
30.		Other industries ..	5,637·28
		Total ..	20,086·89

TABLE 25.5

Arrangement of industries according to invested capital

Ernakulam

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	8,711.42
2.	310	Manufacture of basic heavy organic and inorganic chemicals ..	2,297.13
3.	300	Tyre and tube industries ..	744.10
4.	314	Manufacture of detergents ..	678.47
5.	360	Manufacture of transformers ..	598.51
6.	203	Canning, preserving and processing of fish ..	489.80
7.	231	Cotton spinning and weaving mills ..	396.76
8.	363	Manufacture of household appliances ..	340.45
9.	340	Manufacture of drums, tanks, rails, etc. ..	278.65
10.	341	Manufacture of structural metal products ..	244.35
11.	361	Manufacture of insulated wires and cables ..	202.16
12.	331	Casting and forging of iron and steel—Others ..	133.63
13.	370	Ship building and repairing, boat building ..	85.31
14.	320	Manufacture of tiles and clay products ..	83.30
15.	316	Manufacture of synthetic fibres and resins ..	71.13
16.	271	Sawmills ..	44.61
17.	285	Printing of books and journals ..	42.38
18.	214	Cashewnut processing ..	32.91
19.	284	Printing and publishing of newspapers ..	25.37
20.	276	Manufacture of wooden furniture and fixtures ..	25.02
21.	268	Manufacture of coir and coir products ..	23.86

TABLE 25.5—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
22.	313	Manufacture of allopathic medicines ..	16.37
23.	376	Manufacture of bicycles, cycle rikshaw and parts ..	13.54
24.	343	Manufacture of hand tools and general hardware ..	12.59
25.	973	Repair of motor vehicles ..	11.57
26.	345	Manufacture of metal utensils, cutlery, kitchenware ..	7.26
27.	359	General engineering ..	6.19
28.	211	Manufacture of edible oils ..	2.33
29.	204	Flour milling and rice milling ..	0.31
30.		Other industries ..	8,058.74
		Total ..	23,678.23

TABLE 25.6

Arrangement of industries according to outstanding loans

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Ernakulam Outstanding loans (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	3,142.10
2.	310	Manufacture of basic heavy organic and inorganic chemicals ..	1,121.52
3.	314	Manufacture of detergents ..	563.01
4.	203	Canning, preserving and processing of fish ..	370.61
5.	360	Manufacture of transformers ..	330.05
6.	300	Tyre and tube industries ..	240.50
7.	363	Manufacture of household appliances ..	208.29
8.	331	Casting and forging of iron and steel—Others ..	161.58
9.	361	Manufacture of insulated wires and cables ..	159.43

TABLE 25·6—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Outstanding loans (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
10.	231	Cotton spinning and weaving mills ..	128·95
11.	341	Manufacture of structural metal products ..	92·73
12.	340	Manufacture of drums, tanks, rails, etc. ..	79·27
13.	268	Manufacture of coir and coir products ..	48·05
14.	370	Ship building and repairing, boat building ..	42·50
15.	284	Printing and publishing of newspapers ..	33·02
16.	316	Manufacture of synthetic fibres and resins ..	32·91
17.	214	Cashewnut processing ..	32·03
18.	313	Manufacture of allopathic medicines ..	18·82
19.	320	Manufacture of tiles and clay products ..	18·06
20.	271	Sawmills ..	17·37
21.	285	Printing of books and journals ..	15·04
22.	343	Manufacture of hand tools and general hardware ..	13·09
23.	376	Manufacture of bicycles, cycle rikshaws ..	12·08
24.	345	Manufacture of metal utensils, cutlery, kitchenware ..	8·25
25.	359	General engineering ..	1·96
26.	973	Repair of motor vehicles ..	0·24
27.	211	Manufacture of edible oils ..	0·20
28.		Other industries ..	2,598·29
		Total ..	9,489·95

TABLE 25.7

Arrangement of industries according to all workers

			Ernakulam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers (Nos.)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides	.. 3,271
2.	370	Ship building and repairing, boat building	.. 1,440
3.	203	Canning, preserving and processing of fish	.. 1,358
4.	231	Cotton spinning and weaving mills	.. 1,309
5.	310	Manufacture of basic heavy organic and inorganic chemicals	.. 1,244
6.	271	Sawmills	.. 1,012
7.	320	Manufacture of tiles and clay products	.. 863
8.	314	Manufacture of detergents	.. 843
9.	360	Manufacture of transformers	.. 794
10.	300	Tyre and tube industries	.. 565
11.	363	Manufacture of household appliances	.. 541
12.	340	Manufacture of drums, tanks, rails, etc.	.. 518
13.	285	Printing of books and journals	.. 428
14.	214	Cashewnut processing	.. 369
15.	973	Repair of motor vehicles	.. 357
16.	341	Manufacture of structural metal products	.. 311
17.	331	Casting and forging of iron and steel— Others	.. 228
18.	284	Printing and publishing of newspapers	.. 188
19.	361	Manufacture of insulated wires and cables	.. 172
20.	268	Manufacture of coir and coir products	.. 170
21.	276	Manufacture of wooden furniture and fixtures	.. 139
22.	376	Manufacture of bicycles, cycle rikshaw and parts	.. 80

TABLE 25.7—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers (Nos.)</i>
(1)	(2)	(3)	(4)
23.	343	Manufacture of hand tools and general hardware ..	54
24.	345	Manufacture of metal utensils, cutlery, kitchenware ..	54
25.	211	Manufacture of edible oils ..	38
26.	313	Manufacture of allopathic medicines ..	38
27.	316	Manufacture of synthetic fibres and resins ..	36
28.	359	General engineering ..	34
29.	204	Flour milling and rice milling ..	4
30.		Other industries ..	5,791
		Total ..	22,249

TABLE 25.8

Arrangement of industries according to employees

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (Nos.)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	4,407
2.	203	Canning, preserving and precessing of fish ..	2,013
3.	310	Manufacture of basic heavy organic and inorganic chemicals ..	1,961
4.	370	Ship building and repairing, boat building ..	1,595
5.	231	Cotton, spinning, and weaving mills ..	1,440
6.	271	Sawmills ..	1,250
7.	314	Manufacture of detergents ..	1,102

TABLE 25·8—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (Nos.)</i>
(1)	(2)	(3)	(4)
8.	360	Manufacture of transformers ..	991
9.	320	Manufacture of tiles and clay products ..	976
10.	300	Tyre and tube industries ..	823
11.	363	Manufacture of household appliances ..	676
12.	340	Manufacture of drums, tanks, rails, etc. ..	668
13.	214	Cashewnut processing ..	551
14.	285	Printing of books and journals ..	529
15.	341	Manufacture of structural metal products ..	481
16.	973	Repair of motor vehicles ..	428
17.	331	Casting and forging of iron and steel— Others ..	321
18.	284	Printing and publishing of newspapers ..	306
19.	268	Manufacture of coir and coir products ..	254
20.	361	Manufacture of insulated wires and cables ..	235
21.	276	Manufacture of wooden furniture and fixtures ..	177
22.	313	Manufacture of allopathic medicines ..	99
23.	376	Manufacture of bicycles, cycle rikshaw and parts ..	96
24.	345	Manufacture of metal utensils, cutlery, kitchenware ..	74
25.	343	Manufacture of hand tools and general hardware ..	71
26.	316	Manufacture of synthetic fibres and resins ..	60
27.	211	Manufacture of edible oils ..	48
28.	359	General engineering ..	44
29.	204	Flour milling and rice milling ..	10
30.		Other industries ..	8,128
		Total ..	<hr/> 29,814 <hr/>

TABLE 25.9

Arrangement of industries according to wages

Ernakulam

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	315.13
2.	310	Manufacture of basic heavy organic and inorganic chemicals ..	110.27
3.	300	Tyre and tube industries ..	78.75
4.	231	Cotton spinning and weaving mills ..	68.19
5.	314	Manufacture of detergents ..	65.47
6.	370	Ship building and repairing, boat building ..	58.56
7.	360	Manufacture of transformers ..	51.68
8.	203	Canning, preserving and processing of fish ..	30.47
9.	363	Manufacture of household appliances ..	26.34
10.	320	Manufacture of tiles and clay products ..	23.86
11.	340	Manufacture of drums, tanks, rails, etc. ..	23.62
12.	341	Manufacture of structural metal products ..	23.51
13.	285	Printing of books and journals ..	21.99
14.	973	Repair of motor vehicles ..	17.32
15.	271	Sawmills ..	15.99
16.	361	Manufacture of insulated wires and cables ..	15.77
17.	331	Casting and forging of iron and steel—Others ..	11.57
18.	276	Manufacture of wooden furniture and fixtures ..	8.82
19.	284	Printing and publishing of newspapers ..	6.89
20.	214	Cashewnut processing ..	5.14
21.	268	Manufacture of coir and coir products ..	5.00

TABLE 25.9—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
22.	376	Manufacture of bicycles, cycle rikshaw and parts ..	2.08
23.	313	Manufacture of allopathic medicines ..	1.67
24.	316	Manufacture of synthetic fibres and resins ..	1.67
25.	345	Manufacture of metal utensils, cutlery, kitchenware ..	1.63
26.	343	Manufacture of hand tools and general hardware ..	1.53
27.	359	General engineering ..	1.38
28.	211	Manufacture of edible oils ..	0.82
29.	204	Flour milling and rice milling ..	0.07
30.		Other industries ..	435.16
		Total ..	1,430.35

TABLE 25.10

Arrangement of industries according to total emoluments

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Ernakulam Total emoluments (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	536.68
2.	310	Manufacture of basic heavy organic and inorganic chemicals ..	231.19
3.	300	Tyre and tube industries ..	153.63
4.	314	Manufacture of detergents ..	112.65
5.	231	Cotton spinning and weaving mills ..	94.16
6.	360	Manufacture of transformers ..	93.59
7.	203	Canning, preserving and processing of fish ..	69.13
8.	363	Manufacture of household appliances ..	48.03
9.	340	Manufacture of drums, tanks, rails, etc. ..	42.78

TABLE 25.10—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total emoluments (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
10.	341	Manufacture of structural metal products ..	39.15
11.	320	Manufacture of tiles and clay products ..	29.57
12.	285	Printing of books and journals ..	27.40
13.	973	Repair of motor vehicles ..	23.99
14.	370	Ship building and repairing, boat building ..	23.05
15.	271	Sawmills ..	22.90
16.	331	Casting and forging of iron and steel—Others ..	22.39
17.	361	Manufacture of insulated wires and cables ..	19.50
18.	276	Manufacture of wooden furniture and fixtures ..	13.65
19.	268	Manufacture of coir and coir products ..	7.27
20.	214	Cashewnut processing ..	7.14
21.	313	Manufacture of allopathic medicine ..	5.02
22.	316	Manufacture of synthetic fibres and resins ..	3.16
23.	359	General engineering ..	3.10
24.	345	Manufacture of metal utensils cutlery, kitchenware ..	2.49
25.	376	Manufacture of bicycles, cycle rikshaw and parts ..	2.33
26.	343	Manufacture of hand tools and general hardware ..	2.21
27.	211	Manufacture of edible oils ..	1.23
28.	204	Flour milling and rice milling ..	0.07
29.		Other industries ..	898.79
		Total ..	2,536.25

TABLE 25.11

Arrangement of industries according to total input

			Ernakulam
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	3,057.92
2.	310	Manufacture of basic heavy organic and inorganic chemicals ..	2,181.79
3.	314	Manufacture of detergents ..	2,039.89
4.	203	Canning, preserving and processing of fish ..	1,303.56
5.	300	Tyre and tube industries ..	1,249.05
6.	360	Manufacture of transformers ..	690.94
7.	231	Cotton spinning and weaving mills ..	663.93
8.	340	Manufacture of drums, tanks, rails, etc. ..	351.05
9.	363	Manufacture of household appliances ..	173.48
10.	271	Sawmills ..	156.01
11.	341	Manufacture of structural metal products ..	142.09
12.	331	Casting and forging of iron and steel—Others ..	118.08
13.	214	Cashewnut processing ..	100.90
14.	361	Manufacture of insulated wires and cables ..	89.50
15.	973	Repair of motor vehicles ..	71.97
16.	284	Printing and publishing of newspapers ..	70.64
17.	316	Manufacture of synthetic fibres and resins ..	69.46
18.	268	Manufacture of coir and coir products ..	58.62
19.	370	Ship building and repairing, boat building ..	58.35
20.	320	Manufacture of tiles and clay products ..	40.29
21.	385	Printing of books and journals ..	25.68

TABLE 25.11—(cont.)

Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
(1)	(2)	(3)	(4)
22.	211	Manufacture of edible oils ..	21.66
23.	376	Manufacture of bicycles, cycle rikshaw and parts ..	19.78
24.	313	Manufacture of allopathic medicines ..	16.83
25.	276	Manufacture of wooden furniture and fixtures ..	15.83
26.	343	Manufacture of hand tools and general hardware ..	12.17
27.	345	Manufacture of metal utensils, cutlery, kitchenware ..	7.29
28.	359	General engineering ..	1.15
29.	204	Flour milling and rice milling ..	0.11
30.		Other industries ..	16,139.80
		Total ..	<u>28,947.83</u>

TABLE 25.12

Arrangement of industries according to total output

			Ernakulam
Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	4,971.41
2.	310	Manufacture of basic heavy organic and inorganic chemicals ..	2,839.77
3.	314	Manufacture of detergents ..	2,627.97
4.	300	Tyre and tube industries ..	1,781.54
5.	203	Canning, preserving and processing of fish ..	1,481.68
6.	360	Manufacture of transformers ..	921.67
7.	331	Cotton spinning and weaving mills ..	860.96
8.	340	Manufacture of drums, tanks, rails, etc. ..	442.04
9.	363	Manufacture of household appliances ..	256.74

TABLE 25.12—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
10.	341	Manufacture of structural metal products	233·81
11.	271	Sawmills	184·67
12.	331	Casting and forging of iron and steel—Others	166·60
13.	370	Ship building and repairing, boat building	166·09
14.	361	Manufacture of insulated wires and cables	117·25
15.	214	Cashewnut processing	114·15
16.	973	Repair of motor vehicles	105·75
17.	284	Printing and publishing of newspapers	89·40
18.	320	Manufacture of tiles and clay products	81·64
19.	316	Manufacture of synthetic fibres and resins	80·94
20.	268	Manufacture of coir and coir products	67·46
21.	285	Printing of books and journals	55·78
22.	276	Manufacture of wooden furniture and fixtures	26·29
23.	211	Manufacture of edible oils	22·88
24.	376	Manufacture of bicycles, cycle rickshaw and parts	22·14
25.	313	Manufacture of allopathic medicines	20·40
26.	343	Manufacture of hand tools and general hardware	19·62
27.	345	Manufacture of metal utensils, cutlery, kitchenware	9·41
28.	359	General engineering	7·08
29.	204	Flour milling and rice milling	0·33
30.		Other industries	17,929·92
		Total	35,703·39

TABLE 25.13

Arrangement of industries according to value added

Ernakulam

<i>Sl No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Value added (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	1,397.52
2.	314	Manufacture of detergents ..	570.73
3.	310	Manufacture of basic heavy organic and inorganic chemicals ..	553.40
4.	300	Tyre and tube industries ..	450.96
5.	360	Manufacture of transformers ..	212.64
6.	231	Cotton spinning and weaving mills ..	170.33
7.	203	Canning, preserving and processing of fish ..	149.32
8.	340	Manufacture of drums, tanks, rails, etc. ..	83.29
9.	341	Manufacture of structural metal products ..	83.21
10.	363	Manufacture of household appliances ..	68.70
11.	331	Casting and forging of iron and steel—others ..	45.17
12.	370	Ship building and repairing, boat building ..	42.99
13.	320	Manufacture of tiles and clay products ..	33.03
14.	973	Repair of motor vehicles ..	32.95
15.	285	Printing of books and journals ..	28.05
16.	271	Sawmills ..	26.59
17.	284	Printing and publishing of newspapers ..	16.89
18.	361	Manufacture of insulated wires and cables ..	14.23
19.	214	Cashewnut processing ..	13.07
20.	276	Manufacture of wooden furniture and fixtures ..	9.71
21.	268	Manufacture of coir and coir products ..	8.50

TABLE 25.13—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Value added (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
22.	316	Manufacture of synthetic fibres ..	8.10
23.	359	General engineering ..	5.68
24.	343	Manufacture of hand tools and general hardware ..	4.86
25.	313	Manufacture of allopathic medicines ..	3.03
26.	345	Manufacture of metal utensils, cutlery, kitchenware ..	1.83
27.	376	Manufacture of bicycles, cycle rikshaw and parts ..	1.64
28.	211	Manufacture of edible oils ..	1.02
29.	204	Flour milling and rice milling ..	0.20
30.		Other industries ..	1,289.83
		Total ..	<u>5,327.49</u>

TABLE 25.14

Arrangement of industries according to net income

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>	Ernakulam
(1)	(2)	(3)	(4)	
1.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	1,192.91	
2.	314	Manufacture of detergents ..	569.30	
3.	310	Manufacture of basic heavy organic and inorganic chemicals ..	454.03	
4.	300	Tyre and tube industries ..	416.78	
5.	360	Manufacture of transformers ..	174.82	
6.	231	Cotton spinning and weaving mills ..	147.71	
7.	203	Canning, preserving and processing of fish ..	98.52	
8.	340	Manufacture of drums, tanks, rails, etc. ..	75.26	

TABLE 25.14—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
9.	341	Manufacture of structural metal products ..	68.33
10.	370	Ship building and repairing of boat building ..	39.38
11.	363	Manufacture of household appliances ..	35.39
12.	320	Manufacture of tiles and clay products ..	32.50
13.	973	Repair of motor vehicles ..	31.92
14.	285	Printing of books and journals ..	26.66
15.	331	Casting and forging of iron and steel— others ..	24.24
16.	271	Sawmills ..	22.37
17.	284	Printing and publishing of newspapers ..	15.80
18.	276	Manufacture of wooden furniture and fixtures ..	9.68
19.	214	Cashewnut processing ..	8.32
20.	359	General engineering ..	5.38
21.	268	Manufacture of coir and coir products ..	5.01
22.	316	Manufacture of synthetic fibres and resins ..	4.68
23.	343	Manufacture of hand tools and general hardware ..	2.90
24.	361	Manufacture of insulated wires and cables ..	1.58
25.	345	Manufacture of metal utensils, cutlery, kitchenware ..	1.53
26.	313	Manufacture of allopathic medicines ..	1.35
27.	376	Manufacture of bicycle, cycle rikshaw and parts ..	0.50
28.	204	Flour milling and rice milling ..	0.18
29.		Other industries ..	1,019.59
		Total ..	4,486.62

TABLE 25.15

Average wage per worker

Ernakulam

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wage per worker</i> <i>Rs.</i>
(1)	(2)	(3)	(4)
1.	300	Tyre and tube industries ..	13,938.05
2.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	9,634.06
3.	361	Manufacture of insulated wires and cables ..	9,168.60
4.	310	Manufacture of basic heavy organic and inorganic chemicals ..	8,864.15
5.	314	Manufacture of detergents ..	7,766.31
6.	341	Manufacture of structural metal products ..	7,559.49
7.	360	Manufacture of transformers ..	6,508.82
8.	276	Manufacture of wooden furniture and fixtures ..	6,345.32
9.	231	Cotton spinning and weaving mills ..	5,209.32
10.	285	Printing of books and journals ..	5,137.85
11.	331	Casting and forging of iron and steel—others ..	5,074.56
12.	363	Manufacture of household appliances ..	4,868.76
13.	973	Repair of motor vehicles ..	4,851.54
14.	316	Manufacture of synthetic fibres and resins ..	4,638.89
15.	340	Manufacture of drums, tanks, rails, etc. ..	4,559.85
16.	313	Manufacture of allopathic medicines ..	4,394.74
17.	370	Ship building and repairing of boat building ..	4,066.67
18.	359	General engineering ..	4,058.82
19.	284	Printing and publishing of newspapers ..	3,664.89
20.	345	Manufacture of metal utensils, cutlery, kitchenware ..	3,018.52

TABLE 25.15—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wage per worker Rs.</i>
(1)	(2)	(3)	(4)
21.	268	Manufacture of coir and coir products ..	2,941.18
22.	343	Manufacture of hand tools and general hardware ..	2,833.33
23.	320	Manufacture of tiles and clay products ..	2,764.77
24.	376	Manufacture of bicycle, cycle rikshaw and parts ..	2,600.00
25.	203	Canning, preserving and processing of fish ..	2,243.74
26.	211	Manufacture of edible oils ..	2,157.89
27.	204	Flour milling and rice milling ..	1,750.00
28.	271	Sawmills ..	1,580.04
29.	214	Cashewnut processing ..	1,392.85
30.		Other industries ..	7,514.42
		Total ..	6,428.83

TABLE 25.16

Average wage, salaries and other benefits per employee

Ernakulam

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries and other benefits per employee Rs.</i>
(1)	(2)	(3)	(4)
1.	300	Tyre and tube industries ..	18,667.07
2.	311	Manufacture of inorganic and mixed chemicals and pesticides ..	12,177.90
3.	310	Manufacture of basic heavy organic and inorganic chemicals ..	11,789.39
4.	314	Manufacture of detergents ..	10,222.32
5.	360	Manufacture of transformers ..	9,444.00
6.	313	Manufacture of allopathic medicines ..	8,754.46
7.	361	Manufacture of insulated wires and cables ..	8,297.87

TABLE 25.16—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries and other benefits per employee Rs.</i>
(1)	(2)	(3)	(4)
8.	341	Manufacture of structural metal products	8,139·29
9.	276	Manufacture of wooden furniture and fixtures	7,711·86
10.	363	Manufacture of household appliances	7,105·03
11.	359	General engineering	7,045·45
12.	331	Casting and forging of iron and steel—others	6,975·08
13.	231	Cotton spinning and weaving mills	6,538·39
14.	340	Manufacture of drums, tanks, rails, etc.	6,404·19
15.	973	Repair of motor vehicles	5,605·14
16.	316	Manufacture of synthetic fibres and resins	5,266·67
17.	285	Printing of books and journals	5,179·58
18.	203	Canning, preserving and processing of fish	3,434·18
19.	345	Manufacture of metal utensils, cutlery, kitchenware	3,264·86
20.	343	Manufacture of hand tools and general hardware	3,112·68
21.	320	Manufacture of tiles and clay products	3,029·71
22.	261	Manufacture of coir and coir products	2,862·20
23.	211	Manufacture of edible oils	2,562·50
24.	376	Manufacture of bicycles, cycle rikshaw and parts	2,427·08
25.	271	Sawmills	1,832·00
26.	370	Ship building and repairing of boat building	1,445·14
27.	214	Cashewnut processing	1,295·83
28.	204	Flour milling and rice milling	700·00
29.		Other industries	11,057·95
Total			85,069·09

TABLE 26
Summary of important characteristics of the District

Serial number	Items	State			District			Percentage			
		Census		Total	Census		Total	District census total to that of State		District non-census total to that of State	District total to State total
		3	4	5	6	7	8	9	10	11	
1	No. of factories reported (No.)	904	1414	2,318	113	234	347	12.50	16.55	14.97	
2	Fixed capital (Rs. in lakhs)	41,709.20	2,141.57	43,850.78	671.68	278.98	950.66	1.61	13.03	2.17	
3	Working capital	12,589.86	1,366.57	13,956.43	972.20	185.29	1,157.49	7.72	13.56	8.22	
4	Productive capital	54,299.07	3,508.14	57,807.21	1,643.88	464.27	2,108.15	3.03	13.23	3.65	
5	Invested capital	59,419.49	3,463.72	62,883.21	2,029.37	438.01	2,467.38	3.42	12.65	3.92	
6	Outstanding loans	38,275.72	1,474.54	39,750.26	921.91	215.05	1,136.96	2.40	14.58	2.86	
7	All workers (No.)	176,813	31,210	208,023	11,184	4,010	15,224	6.33	12.94	7.32	
8	All employees (No.)	205,733	37,696	243,429	12,582	5,036	17,618	6.12	13.36	7.24	
9	Wages to workers (Rs. in lakhs)	4,515.20	574.67	5,089.87	336.98	87.42	424.40	7.46	15.21	8.34	
10	Wages, salaries and other benefits to employees	7,565.66	885.66	8,451.32	447.58	135.62	583.20	5.92	15.31	6.90	
11	Material input	48,031.40	8,945.03	56,976.43	2,264.54	2,103.08	4,367.62	4.71	23.51	7.66	
12	Total input	50,541.16	9,116.86	59,658.02	2,312.95	2,130.61	4,443.56	4.58	2.34	7.45	
13	Total output	66,752.81	11,241.05	77,993.86	3,415.88	2,435.33	5,851.21	5.12	21.66	7.50	
14	Value added	13,701.89	1,952.36	15,654.25	1,054.52	277.19	1,331.71	7.71	14.20	8.51	
15	Total income	12,243.13	1,786.08	14,029.21	959.12	251.29	1,210.41	7.83	14.08	8.63	

TABLE 26.1

Arrangement of industries according to No. of units

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Trichur	
			<i>No. of Units</i>	<i>No.</i>
1.	330	Manufacture of structural clay products ..		131
2.	271	Sawmills ..		44
3.	211	Manufacture of other edible oils ..		14
4.	289	Printing picture of post cards ..		13
5.	204	Grain mill products ..		12
6.	331	Casting and forging of iron and steel ..		12
7.	973	Repair of motor vehicles ..		10
8.	302	Rubber and rubber products ..		8
9.	214	Cashewnut processing ..		7
10.	313	Manufacture of drugs and medicines ..		7
11.	354	Industrial machinery for other than food and textiles ..		7
12.	231	Cotton spinning and weaving mills ..		6
13.	272	Manufacture of cane and bamboo boxes ..		6
14.	202	Canning of fruits and vegetables ..		4
15.	285	Printing of books and journals ..		4
16.	300	Tyre and tube industries ..		4
17.	340	Manufacture of metal cans and tin plates ..		4
18.	270	Manufacture of plywood and veneers ..		3
19.	274	Manufacture of bobbins and blocks ..		3
20.		Other industries ..		48
		Total ..		347

TABLE 26.2

Arrangement of industries according to fixed capital

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>
1.	231	Cotton spinning and weaving mills ..	171·29
2.	320	Manufacture of structural clay products ..	151·67
3.	211	Manufacture of other edible oils ..	70·66
4.	289	Printing pictures of post cards ..	57·30
5.	302	Rubber and rubber products ..	29·6
6.	271	Sawmills ..	23·91
7.	331	Casting and forging of iron and steel ..	13·24
8.	202	Canning of fruits and vegetables ..	12·69
9.	270	Manufacture of plywood and veneers..	10·05
10.	313	Manufacture of drugs and medicines ..	9·65
11.	973	Repair of motor vehicles ..	7·37
12.	204	Grain mill products ..	5·58
13.	354	Industrial machinery for other than food and textiles ..	4·99
14.	214	Cashewnut processing ..	4·41
15.	235	Printing books and journals ..	2·98
16.	274	Manufacture of bobbins and blocks ..	1·42
17.	340	Manufacture of metal cans and tin plates ..	1·09
18.	272	Manufacture of cane and bamboo boxes ..	0·99
19.	300	Tyre and tube industries ..	0·70
20.		Other industries ..	371·51
Total ..			950·66

TABLE 26.3

Arrangement of industries according to working capital

			Trichur
Sl. No.	Code	Name of industry	Working capital (Rs. in lakhs)
1.	330	Manufacture of structural clay products ..	113.74
2.	231	Cotton spinning and weaving mills ..	81.31
3.	211	Manufacture of other edible oils ..	70.57
4.	202	Canning of fruits and vegetables ..	21.37
5.	271	Sawmills ..	18.31
6.	289	Printing picture of post cards ..	17.15
7.	214	Cashewnut processing ..	15.54
8.	313	Manufacture of drugs and medicines ..	6.89
9.	270	Manufacture of plywood and veneers ..	8.67
10.	331	Casting and forging of iron and steel ..	6.62
11.	302	Rubber and rubber products ..	5.01
12.	274	Manufacture of bobbins and blocks ..	2.73
13.	204	Grain mill product ..	2.49
14.	272	Manufacture of cane and bamboo boxes ..	1.36
15.	973	Repair of motor vehicles ..	1.24
16.	340	Manufacture of metal cans and tin plates ..	0.29
17.	300	Tyre and tube industries ..	0.27
18.	285	Printing books and journals ..	0.25
19.	354	Industrial machinery for other than food and textiles ..	(—) 0.09
20.		Other industries ..	783.77
Total			1157.49

TABLE 26.4

Arrangement of industries according to productive capital

Trichur

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of structural clay products ..	265.41
2.	231	Cotton spinning and weaving mills ..	252.60
3.	211	Manufacture of other edible oils ..	141.23
4.	289	Printing picture of post cards ..	74.45
5.	271	Sawmills ..	42.22
6.	302	Rubber and rubber products ..	34.17
7.	202	Canning of fruits and vegetables ..	34.06
8.	214	Cashewnut processing ..	19.95
9.	331	Casting and forging of iron and steel ..	19.86
10.	270	Manufacture of plywood and veneers ..	18.72
11.	313	Manufacture of drugs and medicines ..	16.54
12.	573	Repair of motor vehicles ..	8.61
13.	204	Grain mill products ..	8.07
14.	354	Industrial machinery for other than food and textiles ..	4.90
15.	274	Manufacture of bobbins and blocks ..	4.15
16.	285	Printing of books and journals ..	3.23
17.	272	Manufacture of cane and bamboo boxes ..	2.55
18.	340	Manufacture of metal cans and tin plates ..	1.38
19.	300	Tyre and tube industries ..	0.97
20.		Other industries ..	1,155.28
		Total ..	<u>2,108.15</u>

TABLE 26.5

Arrangement of industries according to invested capital

Trichur

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	231	Cotton spinning and weaving mills ..	369.05
2.	323	Manufacture of structural clay products ..	244.16
3.	211	Manufacture of other edible oils ..	124.75
4.	202	Canning of fruits and vegetables ..	74.43
5.	289	Printing picture of post cards ..	69.52
6.	214	Cashewnut processing ..	35.24
7.	302	Rubber and rubber products ..	33.11
8.	313	Manufacture of drugs and medicines ..	25.27
9.	331	Casting and forging of iron and steel ..	22.93
10.	271	Sawmills ..	21.35
11.	270	Manufacture of plywood and veneers ..	20.26
12.	354	Industrial machinery for other than food and textiles ..	14.28
13.	204	Grain mill products ..	11.05
14.	973	Repair of motor vehicles ..	8.17
15.	272	Manufacture of cane and bamboo boxes ..	4.41
16.	285	Printing books and journals ..	2.99
17.	274	Manufacture of bobbins and blocks ..	2.55
18.	340	Manufacture of metal cans and tin plates ..	1.26
19.	300	Tyre and tube industries ..	1.01
20.		Other industries ..	1,381.59
		Total ..	2,467.38

TABLE 26.6

Arrangements of industries according to outstanding loans

Trichur

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Outstanding loan (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	231	Cotton spinning and weaving mills ..	319.55
2.	320	Manufacture of structural clay products ..	72.25
3.	211	Manufacture of other edible oils ..	62.29
4.	202	Canning of fruits and vegetables ..	55.40
5.	331	Casting and forging of iron and steel ..	17.87
6.	271	Sawmills ..	15.43
7.	214	Cashewnut processing ..	13.92
8.	289	Printing picture of post cards ..	13.70
9.	313	Manufacture of drugs and medicines ..	11.27
10.	354	Industrial machinery for other than food and textiles ..	7.51
11.	274	Manufacture of bobbins and blocks ..	3.19
12.	204	Grain mill products ..	2.99
13.	973	Repair of motor vehicles ..	0.73
14.	270	Manufacture of plywood and veneers ..	0.53
15.	302	Rubber and rubber products ..	0.46
16.	285	Printing books and journals ..	0.24
17.	340	Manufacture of metal cans and tin plates ..	0.09
18.		Other industries ..	539.51
Total ..			1,136.96

TABLE 26.7

Arrangement of industries according to all workers

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers (No.)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of structural clay productts ..	4779
2.	231	Cotton spinning and weaving mills ..	2716
3.	214	Cashewnut processing ..	1547
4.	271	Sawmills ..	663
5.	202	Canning of fruits and vegetables ..	391
6.	289	Printing picture of post cards ..	333
7.	211	Manufacture of other edible oils ..	302
8.	302	Rubber and rubber products ..	262
9.	331	Casting and forging of iron and steel ..	200
10.	270	Manufacture of plywood and veneers ..	164
11.	973	Repair of motor vehicles ..	160
12.	354	Industrial machinery for other than food and textiles ..	143
13.	313	Manufacture of drugs and medicines ..	107
14.	272	Manufacture of cane and bamboo boxes ..	78
15.	274	Manufacture of bobbins and blocks ..	61
16.	285	Printing books and journals ..	48
17.	340	Manufacture of metal cans and tin plates ..	34
18.	204	Grain mill products ..	32
19.	300	Tyre and tube industries ..	22
20.		Other industries ..	3182
Total			15224

TABLE 26.8

Arrangement of industries according to all employees

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (No.)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of structural clay products ..	5314
2.	231	Cotton spinning and weaving mills ..	2895
3.	214	Cashewnut processing ..	1625
4.	271	Sawmills ..	809
5.	211	Manufacture of other edible oils ..	498
6.	202	Canning of fruits and vegetables ..	469
7.	289	Printing picture of post cards ..	437
8.	302	Rubber and rubber products ..	310
9.	331	Casting and forging of iron and steel ..	246
10.	313	Manufacture of drugs and medicines ..	198
11.	270	Manufacture of plywood and veneers ..	195
12.	973	Repair of motor vehicles ..	187
13.	354	Industrial machinery for other than food and textiles ..	181
14.	272	Manufacture of cane and bamboo boxes ..	100
15.	274	Manufacture of bobbins and blocks ..	70
16.	285	Printing books and journals ..	60
17.	204	Grain mill products ..	44
18.	340	Manufacture of metal cans and tin plates ..	42
19.	300	Tyre and tube industries ..	38
20.		Other industries ..	3,900
Total			17,618

TABLE 26.9

Arrangement of industries according to wages

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	231	Cotton spinning and weaving mills ..	134.97
2.	320	Manufacture of structural clay products ..	102.15
3.	214	Cashewnut processing ..	18.10
4.	289	Printing picture of post cards ..	12.31
5.	973	Repair of motor vehicles ..	8.83
6.	271	Sawmills ..	8.38
7.	211	Manufacture of other edible oils ..	6.97
8.	331	Casting and forging of iron and steel ..	5.77
9.	302	Rubber and rubber products ..	5.72
10.	354	Industrial machinery for other than food and textiles ..	4.82
11.	270	Manufacture of plywood and veneers ..	4.70
12.	313	Manufacture of drugs and medicines ..	4.00
13.	202	Canning of fruits and vegetables ..	3.15
14.	272	Manufacture of cane and bamboo boxes ..	2.50
15.	300	Tyre and tube industries ..	1.40
16.	274	Manufacture of bobbins and blocks ..	1.00
17.	340	Manufacture of metal cans and tin plates ..	0.97
18.	285	Printing books and journals ..	0.71
10.	204	Grain mill products ..	0.70
20.		Other industries ..	97.25
Total ..			424.40

TABLE 26·10

Arrangement of industries according to total emoluments

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages, salaries and other benefits to employees (Rs. lakhs)</i>
(1)	(2)	(3)	(4)
i.	231	Cotton spinning and weaving mills ..	168·29
2.	320	Manufacture of structural clay products ..	116·59
3.	214	Cashewnut processing ..	23·28
4.	211	Manufacture of other edible oils ..	22·91
5.	289	Printing picture of post cards ..	17·16
6.	271	Sawmills ..	12·27
7.	973	Repair of motor vehicles ..	12·02
8.	202	Canning of fruits and vegetables ..	10·58
9.	302	Rubber and rubber products ..	9·52
10.	331	Casting and forging of iron and steel ..	8·49
11.	313	Manufacture of drugs and medicines ..	8·40
12.	354	Industrial machinery for other than food and textiles ..	7·43
13.	270	Manufacture of plywood and veneers ..	6·59
14.	272	Manufacture of cane and bamboo boxes ..	3·12
15.	300	Tyre and tube industries ..	2·46
16.	340	Manufacture of metal cans and tin plates ..	1·39
17.	274	Manufacture of bobbins and blocks ..	1·22
18.	285	Printing books and journals ..	1·09
19.	204	Grain mill products ..	0·89
Total			583·20

TABLE 26·11

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

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Trichur Average wage per worker (Rs.)</i>
(1)	(2)	(3)	(4)
1.	300	Tyre and tube industries ..	6,363·64
2.	973	Repair of motor vehicles ..	5,518·75
3.	231	Cotton spinning and weaving mills ..	4,969·44
4.	313	Manufacture of drugs and medicines ..	3,738·32
5.	289	Printing picture and post cards ..	3,696·69
6.	354	Industrial machinery for other than foods and textiles ..	3,370·63
7.	272	Manufacture of cane and bamboo boxes ..	3,205·13
8.	331	Casting and forging of iron and steel ..	2,885
9.	270	Manufacture of plywood and veneers ..	2,865·85
10.	340	Manufacture of metal cans and tin plates ..	2,852·94
11.	211	Manufacture of other edible oils ..	2,307·94
12.	204	Grain mill products ..	2,187·50
13.	302	Rubber and rubber products ..	2,183·21
14.	320	Manufacture of structural clay products ..	2,136·43
15.	274	Manufacture of bobbins and blocks ..	1,803·28
16.	285	Printing books and journals ..	1,479·17
17.	271	Sawmills ..	1,263·95
18.	214	Cashewnut processing ..	1,170·01
19.	202	Canning of fruits and vegetables ..	805·63
20.		Other industries ..	3,056·25
		Total ..	<u>2,787·71</u>

TABLE 26 12

Arrangement of industries according to average wages, etc.

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries and other benefits per employees (Rs.)</i>
(1)	(2)	(3)	(4)
1.	300	Tyre and tube industries	6,473·68
2.	973	Repair of motor vehicles	6,427·81
3.	231	Cotton spinning and weaving mills	5,813·13
4.	211	Manufacture of other edible oils	4,600·40
5.	313	Manufacture of drugs and medicines	4,242·42
6.	354	Industrial machinery for other than food and textiles	4,104·97
7.	289	Printing picture and post cards	3,926·77
8.	331	Casting and forging of iron and steel	3,451·22
9.	270	Manufacture of plywood and veneers	3,379·49
10.	340	Manufacture of metal cans and tin plates	3,309·52
11.	272	Manufacture of cane and bamboo boxes	3,120
12.	302	Rubber and rubber products	3,070·97
13.	202	Canning of fruits and vegetables	2,255·86
14.	320	Manufacture structural clay products	2,194·02
15.	204	Grain mill products	2,022·73
16.	285	Printing books and journals	1,816·67
17.	274	Manufacture of bobbins and blocks	1,742·86
18.	271	Sawmills	1,516·69
19.	214	Cashewnut processing	1,432·62
20.		Other industries	3,833·33
Total			3,310·25

TABLE 26.13

Arrangement of industries according to total input

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	211	Manufacture of other edible oils ..	1,511.47
2.	231	Cotton spinning and weaving mills ..	822.19
3.	320	Manufacture of structural clay products ..	180.49
4.	214	Cashewnut processing ..	176.15
5.	302	Rubber and rubber products ..	163.29
6.	202	Canning of fruits and vegetables ..	89.83
7.	271	Sawmills ..	66.01
8.	204	Grain mill products ..	52.71
9.	331	Casting and forging of iron and steel ..	46.95
10.	313	Manufacture of drugs and medicines ..	39.88
11.	289	Printing picture of post cards ..	37.39
12.	973	Repair of motor vehicles ..	36.43
13.	354	Industrial machinery for other than food and textiles ..	21.95
14.	272	Manufacture of cane and bamboo boxes ..	21.93
15.	270	Manufacture of plywood and veneers ..	18.02
16.	274	Manufacture of bobbins and blocks ..	15.05
17.	300	Tyre and tube industries ..	14.20
18.	285	Printing books and journals ..	3.31
19.	340	Manufacture of metal cans and tin plates ..	0.73
20.		Other industries ..	1,125.58
Total			4,443.56

TABLE 26-14

Arrangement of industries according to total output

			Trichur
Sl. No.	Code	Name of industries	Total output (Rs. in lakhs)
(1)	(2)	(3)	(4)
1.	211	Manufacture of other edible oils ..	1,582.75
2.	231	Cotton spinning and weaving mills ...	1,093.21
3.	320	Manufacture of structural clay products ..	382.44
4.	214	Cashewnut processing ..	224.65
5.	302	Rubber and rubber products ..	217.70
6.	202	Canning of fruits and vegetables ..	112.87
7.	271	Sawmills ..	89.77
8.	331	Casting and forging of iron and steel ..	61.56
9.	289	Printing picture of post cards ..	60.97
10.	313	Manufacture of drugs and medicines ..	56.60
11.	204	Grain mill products ..	55.44
12.	973	Repair of motor vehicles ..	51.06
13.	272	Manufacture of cane and bamboo boxes ..	30.46
14.	354	Industrial machinery for other than food and textiles ..	29.49
15.	270	Manufacture of plywood and veneers ..	29.40
16.	300	Tyre and tube industries ..	21.33
17.	274	Manufacture of bobbins and blocks ..	17.53
18.	285	Printing of books and journals ..	4.62
19.	340	Manufacture of metal cans and tin plates ..	2.49
20.		Other industries ..	1,726.87
Total ..			5,851.21

TABLE 26·15

Arrangement of industries according to value added

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Value added by manufacture (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	231	Cotton spinning and weaving mills	.. 255·54
2.	320	Manufacture of structural clay products	.. 187·86
3.	211	Manufacture of other edible oils	.. 64·55
4.	302	Rubber and rubber products	.. 51·83
5.	214	Cashewnut processing	.. 48·19
6.	271	Sawmills	.. 22·23
7.	202	Canning of fruits and vegetables	.. 21·53
8.	289	Printing picture of post cards	.. 20·49
9.	313	Manufacture of drugs and medicines	.. 17·50
10.	973	Repair of motor vehicles	.. 14·70
11.	331	Casting of forging of iron and steel	.. 13·49
12.	270	Manufacture of plywood and veneers	.. 10·53
13.	272	Manufacture of cane and bamboo boxes	.. 8·44
14.	354	Industrial machinery for other than food and textiles	.. 7·10
15.	300	Tyre and tube industries	.. 6·71
16.	204	Grain mill products	.. 2·42
17.	274	Manufacture of bobbins and blocks	.. 2·41
18.	340	Manufacture of metal cans and tin plates	.. 1·68
19.	285	Printing of books and journals	.. 1·03
20		Other industries	.. 574·01
Total			.. <u>1,331·71</u>

TABLE 26·16

Arrangement of industries according to net income

			Trichur
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	231	Cotton spinning and weaving mills ..	230·25
2.	320	Manufacture of structural clay products ..	177·58
3.	211	Manufacture of other edible oils ..	56·61
4.	302	Rubber and rubber products ..	51·77
5.	214	Cashewnut processing ..	46·19
6.	271	Sawmills ..	20·14
7.	289	Printing picture of post cards ..	20·07
8.	313	Manufacture of drugs and medicines ..	15·12
9.	202	Canning of fruits and vegetables ..	14·13
10.	973	Repair of motor vehicles ..	14·14
11.	331	Casting and forging of iron and steel ..	11·75
12.	270	Manufacture of plywood and veneers ..	10·25
13.	272	Manufacture of cane and bamboo boxes ..	8·19
14.	300	Tyre and tube industries ..	6·36
15.	354	Industrial machinery for other than food and textiles ..	5·81
16.	274	Manufacture of bobbins and blocks ..	1·94
17.	340	Manufacture of metal cans and other plates ..	1·65
18.	204	Grain mill products ..	1·18
19.	285	Printing of books and journals ..	1·09
20.		Other industries ..	516·28
		Total ..	1,210·44

TABLE 27
Summary of important characteristics of the district

Palghat

Serial number	Items	State			District			Percentage		
		Census	Non-census	Total	Census	Non-census	Total	District to state census	District non-census total to state non-census total	District total to state total
1	2	3	4	5	6	7	8	9	10	11
1	No. of factories reported	904	1,414	2,318	42	170	212	4.65	12.02	9.15
2	Fixed capital (Rs. in lakhs)	41,709.21	2,141.57	43,850.78	587.08	75.53	662.61	1.41	3.53	1.51
3	Working capital	12,589.86	1,366.57	13,956.43	247.96	17.19	265.15	1.97	1.26	1.90
4	Productive capital	54,299.07	3,503.14	57,802.21	835.04	92.72	927.76	1.54	2.64	1.60
5	Invested capital	59,419.49	3,463.72	62,883.21	994.82	109.12	1,103.94	1.67	3.15	1.75
6	Outstanding loans	38,275.72	1,474.54	39,750.26	513.39	70.93	584.32	1.34	4.81	1.47
7	All workers	176,813	31,210	208,023	3,962	1,970	5,932	2.24	6.31	2.85
8	All employees	205,733	37,696	243,429	4,691	2,496	7,187	2.28	6.62	2.95
9	Wages to workers (Rs. in lakhs)	4,515.20	574.67	5,089.87	124.01	30.46	154.47	2.75	5.30	3.03
10	Wages, salaries and other benefits to employees (Rs. in lakhs)	7,565.66	885.66	8,451.32	204.11	40.58	244.69	2.70	5.36	2.90
11	Material input (Rs. in lakhs)	48,031.40	8,945.33	56,976.73	1,279.87	146.83	1,426.70	2.66	1.64	2.50
12	Total input	50,541.16	9,116.86	59,658.02	1,337.37	156.23	1,493.60	2.65	1.72	2.50
13	Total output	66,752.81	11,241.05	77,993.86	1,971.52	200.60	2,172.13	2.95	1.78	2.79
14	Value added	13,701.89	1,952.36	15,654.25	576.65	34.97	611.62	4.21	1.79	3.91
15	Net income	12,243.13	1,786.08	14,029.21	510.62	29.53	540.16	4.17	1.65	3.85

TABLE 27.1

Arrangement of industries according to number of units

			Palghat
Sl. No.	Code	Name of industry	No of units (No.)
1.	204	Grain mill products ..	56
2.	271	Sawmills ..	55
3.	320	Manufacture of structural clay products ..	10
4.	345	Agricultural implements ..	9
5.	973	Repair of motor vehicles ..	8
6.	389	Manufacture of brooms and brushes ..	6
7.	317	Manufacture of matches ..	5
8.	212	Tea processing ..	4
9.	276	Wooden furniture and fixtures ..	4
10.	289	Printing picture and post cards ..	4
11.	350	Manufacture of agriculture machinery parts ..	4
12.	369	Manufacture of electrical machinery ..	4
13.	211	Manufacture of other edible oils ..	3
14.	302	Manufacture of other rubber products ..	3
15.	331	Casting and forging of iron ..	3
16.	360	Manufacture of switch board and gears ..	3
17.	311	Manufacture of fertilizers ..	3
18.		Other industries ..	28
Total ..			212

TABLE 27.2

Arrangement of industries according to fixed capital

			Palghat
Sl. No.	Code	Name of industry	Fixed capital (Rs. in lakhs)
1.	302	Manufacture of other rubber products ..	35.92
2.	204	Grain mill products ..	26.72
3.	212	Tea processing ..	18.54
4.	320	Manufacture of structural clay products ..	16.41
5.	271	Sawmills ..	16.24
6.	350	Manufacture of agricultural machinery parts ..	8.20
7.	360	Manufacture of switch board and gears ..	6.51
8.	311	Manufacture of fertilizers ..	5.27
9.	331	Casting and forging of iron ..	4.78

TABLE 27·2—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>
10.	289	Printing picture and post cards ..	3·18
11.	211	Manufacture of other edible oils ..	2·33
12.	276	Wooden furniture and fixtures ..	1·08
13.	973	Repair of motor vehicles ..	1·59
14.	345	Agricultural implements ..	1·47
15.	369	Manufacture of electrical machinery ..	1·21
16.	389	Manufacture of browns and brushes ..	0·82
17.	317	Manufacture of matches ..	..
18.		Other industries ..	511·74
Total ..			662·61

TABLE 27·3

Arrangement of industries according to working capital

Palghat

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
1.	271	Sawmills ..	34·55
2.	212	Tea processing ..	19·45
3.	360	Manufacture of switch board and gears ..	16·60
4.	311	Manufacture of fertilizers ..	15·21
5.	350	Manufacture of agricultural machinery parts ..	13·49
6.	320	Manufacture of structural clay products ..	7·48
7.	204	Grain mill products ..	7·33
8.	345	Agricultural implements ..	2·82
9.	331	Casting and forging of iron ..	2·25
10.	317	Manufacture of matches ..	2·05
11.	389	Manufacture of browns and brushes ..	1·81
12.	302	Manufacture of other rubber products ..	1·67
13.	276	Wooden furniture and fixtures ..	0·69
14.	289	Printing picture and post cards ..	0·22
15.	973	Repair of motor vehicles ..	0·01
16.	211	Manufacture of other edible oils ..	—0·41
17.	369	Manufacture of electrical machinery ..	—4·04
18.		Other industries ..	143·97
Total ..			265·15

TABLE 27·4

Arrangement of industries according to invested capital

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
1.	350	Manufacture of agriculture machinery parts ..	52·83
2.	271	Sawmills ..	49·09
3.	212	Tea processing ..	39·31
4.	204	Grain mill products ..	30·88
5.	320	Manufacture of structural clay products ..	29·10
6.	360	Manufacture of switch board and gears	23·08
7.	311	Manufacture of fertilizers ..	19·88
8.	302	Manufacture of other rubber products ..	8·50
9.	331	Casting and forging of iron ..	8·22
10.	211	Manufacture of other edible oils ..	7·82
11.	345	Agricultural implements ..	4·85
12.	289	Printing picture and post cards ..	3·78
13.	276	Wooden furniture and fixtures ..	3·43
14.	317	Manufacture of matches ..	2·72
15.	369	Manufacture of electrical machinery ..	2·11
16.	389	Manufacture of browns and brushes ..	1·95
17.	973	Repair of motor vehicles ..	1·60
18.		Other industries ..	814·79
Total ..			1,103·94

TABLE 27·5

Arrangement of industries according to productive capital

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
1.	350	Manufacture of agricultural machinery parts ..	61·03
2.	271	Sawmills ..	57·68
3.	212	Tea processing ..	55·85
4.	204	Grain mill products ..	44·86
5.	302	Manufacture of other rubber products ..	44·11
6.	320	Manufacture of structural clay products	37·71
7.	360	Manufacture of switch board and gears	24·46
8.	311	Manufacture of fertilizers ..	20·16
9.	331	Casting and forging of iron ..	10·03

Palghat

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
10.	345	Manufacture of agriculture machinery parts	5.45
11.	369	Manufacture of electrical machinery	5.25
12.	211	Manufacture of other edible oils	3.46
13.	289	Printing picture and post cards	3.40
14.	389	Manufacture of brooms and brushes	2.63
15.	317	Manufacture of matches	2.51
16.	276	Wooden furniture and fixtures	2.37
17.	973	Repair of motor vehicles	1.60
18.		Other industries	545.20
Total			927.76

TABLE 27.6

Arrangement of industries according to outstanding loans

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Outstanding loans (Rs. in lakhs)</i>
1.	350	Manufacture of agricultural machinery products	46.29
2.	320	Manufacture of structural clay products	12.89
3.	360	Manufacture of switch board and gears	11.29
4.	369	Manufacture of electrical machinery	5.45
5.	331	Casting and forging of iron	4.84
6.	271	Sawmills	4.31
7.	302	Manufacture of other rubber products	4.00
8.	212	Tea processing	2.81
9.	211	Manufacture of other edible oils	2.80
10.	345	Agricultural implements	2.05
11.	289	Printing picture and post cards	2.03
12.	276	Wooden furniture and fixtures	1.88
13.	204	Grain mill products	1.26
14.	389	Manufacture of brooms and brushes	0.93
15.	311	Manufacture of fertilizers	..
16.	317	Manufacture of matches	..
17.	973	Repair of motor vehicles	..
18.		Other industries	481.49
Total			584.32

TABLE 27.7

Arrangement of industries according to all workers

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers (Number)</i>
1.	271	Sawmills	1104
2.	320	Manufacture of structural clay products	547
3.	350	Manufacture of agricultural machinery parts	478
4.	204	Grain mill products	229
5.	360	Manufacture of switch board and gears	171
6.	345	Agricultural implements	155
7.	317	Manufacture of matches	148
8.	212	Tea processing	137
9.	331	Casting and forging of iron	105
10.	389	Manufacture of brooms and brushes	100
11.	973	Repair of motor vehicles	86
12.	311	Manufacture of fertilizers	59
13.	276	Wooden furniture and fixtures	40
14.	289	Printing picture and post cards	30
15.	302	Manufacture of other rubber products	25
16.	211	Manufacture of other edible oils	15
17.	369	Manufacture of electrical machinery	6
18.		Other industries	2497
Total			5932

TABLE 27.8

Arrangement of industries according to all employees

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (Number)</i>
1.	271	Sawmills	1302
2.	350	Manufacture of agriculture machinery parts	600
3.	320	Manufacture of structural clay products	557
4.	204	Grain mill products	343
5.	345	Agricultural implements	196
6.	360	Manufacture of switch board and gears	196
7.	212	Tea processing	162
8.	317	Manufacture of matches	160
9.	311	Manufacture of fertilizers	136

TABLE 27·8—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (Number)</i>
10.	331	Casting and forging of iron ..	127
11.	389	Manufacture of browns and brushes ..	118
12.	973	Repair of motor vehicles ..	102
13.	276	Wooden furniture and fixtures ..	54
14.	289	Printing picture and post cards ..	38
15.	302	Manufacture of other rubber products ..	38
16.	211	Manufacture of other edible oils ..	24
17.	369	Manufacture of electrical machinery ..	6
18.		Other industries ..	3028
Total ..			7187

TABLE 27·9

Arrangement of industries according to wages to workers

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Palghat Wages to workers (Rs. in lakhs)</i>
1.	271	Sawmills ..	14·21
2.	320	Manufacture of structural clay products ..	12·51
3.	350	Manufacture of agricultural machinery parts ..	11·78
4.	204	Grain mill products ..	3·93
5.	345	Agricultural implements ..	3·53
6.	360	Manufacture of electrical machinery ..	3·49
7.	973	Repair of motor vehicles ..	3·42
8.	331	Casting and forging of iron ..	2·23
9.	212	Tea processing ..	1·79
10.	276	Wooden furniture and fixtures ..	1·16
11.	317	Manufacture of matches ..	1·13
12.	389	Manufacture of browns and brushes ..	0·99
13.	289	Printing picture and post cards ..	0·71
14.	311	Manufacture of fertilizers ..	0·65
15.	211	Manufacture of other edible oils ..	0·35
16.	302	Manufacture of other rubber products ..	0·23
17.	369	Manufacture of electrical machinery ..	0·17
18.		Other industries ..	92·19
Total ..			154·47

TABLE 27-10

Arrangement of industries according to total emoluments

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages, salaries and other benefits to employees (Rs.)</i>
1.	350	Manufacture of agriculture machinery parts	.. 21.45
2.	271	Sawmills	.. 19.06
3.	320	Manufacture of structural clay products	.. 15.07
4.	302	Manufacture of other rubber products	.. 13.62
5.	204	Grain mill products	.. 5.04
6.	360	Manufacture of switch board and gears	.. 4.75
7.	345	Agricultural implements	.. 4.72
8.	973	Repair of motor vehicles	.. 4.56
9.	212	Tea processing	.. 3.54
10.	331	Casting and forging of iron	.. 3.24
11.	276	Wooden furniture and fixtures	.. 1.67
12.	311	Manufacture of fertilizers	.. 1.52
13.	317	„ matches	.. 1.40
14.	389	„ browns and brushes	.. 1.16
15.	289	Printing picture and post cards	.. 0.89
16.	211	Manufacture of other edible oils	.. 0.47
17.	369	„ electrical machinery	.. 0.27
18.		Other industries	.. 142.26
Total			.. 244.69

TABLE 27-11

Arrangement of industries according to average wages

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages per worker Rs.</i>
1.	973	Repair of motor vehicles	.. 3,976.74
2.	276	Wooden furniture and fixtures	.. 2,900.00
3.	369	Manufacture of electrical machinery	.. 2,333.33
4.	350	„ a riculture machinery parts	.. 2,461.44
5.	289	Printing picture and post cards	.. 2,366.66
6.	211	Manufacture of other edible oils	.. 2,333.33
7.	320	„ structural clay products	.. 2,287.02
8.	345	Agriculture implements	.. 2,277.42
9.	331	Casting and forging of iron	.. 2,123.81

TABLE 27.11—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages per worker Rs.</i>
(1)	(2)	(3)	(4)
10.	360	Manufacture of switch board and gears..	2,040·94
11.	204	Grain mill products ..	1,716·16
12.	212	Tea processing ..	1,306·57
13.	271	Sawmills ..	1,287·14
14.	311	Manufacture of fertilizers ..	1,101·69
15.	389	Manufacture of browns and brushes ..	990·00
16.	302	Manufacture of other rubber products ..	920·00
17.	317	Manufacture of matches ..	763·51
18.		Other industries ..	3,692·03
		Total ..	<u>2,604·01</u>

TABLE 27.12

Arrangement of industries according to average wages, etc.

Palghat

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries and other benefits per employee Rs.</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of other rubber products ..	35,842·63
2.	369	Manufacture of electrical machinery ..	4,500·00
3.	973	Repair of motor vehicles ..	4 470 58
4.	350	Manufacture of agriculture machinery ..	3,575·00
5.	276	Wooden furniture and fixtures ..	3,092·59
6.	320	Manufacture of structural clay products..	2,705·55
7.	331	Casting and forging of iron ..	2,551·18
8.	360	Manufacture of switch board and gears ..	2,423·47
9.	345	Agriculture implements ..	2,408·17
10.	289	Printing picture and post cards ..	2,342·11
11.	212	Tea processing ..	2,185 19
12.	211	Manufacture of other edible oils ..	1,958·33
13.	204	Grain mill products ..	1,469·39
14.	271	Sawmills ..	1,463·90
15.	311	Manufacture of fertilizers ..	1,117·65
16.	389	Manufacture of browns and brushes ..	983·05
17.	317	Manufacture of matches ..	875·00
18.		Other industries ..	4,698·15
		Total ..	<u>3,404·62</u>

TABLE 27.13

Arrangement of industries according to total input

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	271	Sawmills	113.99
2.	204	Grain mill products	97.61
3.	350	Manufacture of agriculture machinery parts	88.04
4.	311	Manufacture of fertilizers	76.99
5.	212	Tea processing	56.40
6.	211	Manufacture of other edible oils	42.12
7.	320	Manufacture of structural clay products	14.56
8.	302	Manufacture of other rubber products	13.52
9.	360	Manufacture of switch board and gears	13.26
10.	317	Manufacture of matches	11.08
11.	345	Agricultural implements	9.67
12.	331	Casting and forging of iron	7.49
13.	389	Manufacture of browns and brushes	6.19
14.	289	Printing picture and post cards	3.99
15.	276	Wooden furniture and fixtures	1.95
16.	973	Repair of motor vehicles	0.61
17.	369	Manufacture of electrical machinery	0.04
18.		Other industries	936.09
		Total	1,493.60

TABLE 27.14

Arrangement of industries according to total output

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	271	Sawmills	166.81
2.	350	Manufacture of agriculture machinery parts	159.44
3.	204	Grain mill products	137.42
4.	311	Manufacture of fertilizers	89.52
5.	212	Tea processing	65.39
6.	211	Manufacture of other edible oils	38.47
7.	320	Manufacture of structural clay products..	36.99
8.	360	Manufacture of switch board and gears..	20.91
9.	312	Manufacture of other rubber products..	15.87

TABLE 27.14—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
10.	317	Manufacture of matches	14.77
11.	345	Agricultural implements	14.53
12.	331	Casting and forging of iron	9.88
13.	389	Manufacture of browns and brushes	8.44
14.	289	Printing picture and post cards	5.74
15.	973	Repair of motor vehicles	5.53
16.	276	Wooden furniture and fixtures	1.92
17.	369	Manufacture of electrical machinery	0.22
18.		Other industries	1,380.29
		Total	2,172.13

TABLE 27.15

Arrangement of industries according to value added

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Palghat Value added by manufacture (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	350	Manufacture of agriculture machinery parts	69.10
2.	271	Sawmills	51.34
3.	204	Grain mill products	37.51
4.	320	Manufacture of structural clay products	21.33
5.	311	Manufacture of fertilizers	11.73
6.	360	Manufacture of switch board and gears	6.81
7.	212	Tea processing	5.80
8.	973	Repair of motor vehicles	4.80
9.	345	Agricultural implements	4.75
10.	317	Manufacture of matches	3.68
11.	389	Manufacture of browns and brushes	2.17
12.	331	Casting and forging of iron	2.07
13.	302	Manufacture of other rubber products	1.84
14.	289	Printing picture and post cards	1.39
15.	369	Manufacture of electrical machinery	0.10
16.	276	Wooden furniture and fixtures	- 0.14
17.	211	Manufacture of edible oils	- 4.34
18.		Other industries	391.68
		Total	611.62

TABLE 27.16

Arrangement of industries according to net income

			Palghat
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	350	Manufacture of agriculture machinery parts ..	61.70
2.	271	Sawmills ..	49.95
3.	204	Grain mill products ..	37.06
4.	320	Manufacture of structural clay products ..	20.16
5.	311	Manufacture of fertilizers ..	11.72
6.	360	Manufacture of switch board and gears ..	6.42
7.	212	Tea processing ..	5.69
8.	973	Repair of motor vehicles ..	4.75
9.	345	Agriculture implements ..	4.21
10.	317	Manufacture of matches ..	3.30
11.	389	Manufacture of browns and brushes ..	1.98
12.	331	Casting and forging of iron ..	1.90
13.	289	Printing picture and post cards ..	1.09
14.	302	Manufacture of other rubber products ..	0.21
15.	369	Manufacture of electrical machinery ..	-0.18
16.	276	Wooden furniture and fixtures ..	-0.48
17.	211	Manufacture of other edible oils ..	-4.51
18.		Other industries ..	334.88
		Total ..	540.16

TABLE 28
Summary of important characteristics of the district

Serial number	Items	State			District			Percentage		
		Census		Total	Census		Total	District census total to state	District non-census total to state	District total to state total
		3	4	5	6	7	8	9	10	11
1	2	3	4	5	6	7	8	9	10	11
1	Number of factories reported (No.)	904	1,414	2,318	11	34	45	1.28	2.40	1.94
2	Fixed capital (Rs. in lakhs)	41,709.21	2,141.57	43,850.78	76.52	17.34	93.86	0.19	0.81	0.21
3	Working capital { " " }	12,589.86	1,366.57	13,956.43	52.53	29.82	82.35	0.41	2.18	0.59
4	Productive capital { " " }	54,299.07	3,508.14	57,807.21	129.05	47.16	176.21	0.24	1.34	0.30
5	Invested capital { " " }	59,410.49	3,463.72	62,883.21	160.98	44.98	205.96	0.27	1.30	0.33
6	Outstanding loans { " " }	38,275.72	1,474.54	39,650.26	81.12	13.09	94.21	0.21	0.89	0.24
7	All workers (No.)	176,813	31,210	208,023	982	286	1,268	0.56	0.92	0.61
8	All employees (")	205,733	37,696	243,429	1,148	394	1,542	0.56	1.05	0.63
9	Wages to workers (Rs. in lakhs)	4,515.20	574.67	5,089.87	38.57	4.36	42.93	0.85	0.76	0.84
10	Wages, salaries and other benefits to employees (Rs. in lakhs)	7,565	885.66	8,451.32	68.69	7.33	76.02	0.91	0.83	0.90
11	Material input { " " }	48,031.40	8,945.03	56,976.43	235.11	268.01	503.12	0.49	3.00	0.88
12	Total input { " " }	50,541.16	9,116.86	59,658.02	242.63	269.44	512.07	0.48	2.96	0.86
13	Total output { " " }	66,752.81	11,241.05	77,993.86	387.54	298.60	686.15	0.58	2.66	0.88
14	Value added { " " }	13,701.89	1,952.36	15,654.25	137.39	27.74	165.13	1.01	1.42	1.05
15	Net income { " " }	12,243.13	1,786.08	14,029.21	131.51	26.41	157.91	1.07	1.48	1.13

Malappuram

TABLE 28.1

Arrangement of industries according to number of units

			Malappuram	
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>		<i>No. of units (No.)</i>
(1)	(2)	(3)		(4)
1.	271	Sawmills	..	15
2.	211	Manufacture of other edible oils	..	6
3.	302	Manufacture of rubber products and others	..	5
4.	204	Processing and grinding of cereals and grain manually	..	4
5.	320	Manufacture of tiles	..	4
6.		Other industries	..	11
		Total	..	45

TABLE 28.2

Arrangement of industries according to fixed capital

			Malappuram	
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>		<i>Fixed capital (Rs. in lakhs)</i>
(1)	(2)	(3)		(4)
1.	320	Manufacture of tiles	..	7.07
2.	302	Manufacture of rubber products and others	..	4.87
3.	271	Sawmills	..	4.75
4.	211	Manufacture of other edible oils	..	3.44
5.	204	Processing and grinding of cereals and grain manually	..	2.45
6.		Other industries	..	71.28
		Total	..	93.86

TABLE 28.3

Arrangement of industries according to working capital

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	211	Manufacture of other edible oils	.. 21.90
2.	271	Sawmills	.. 4.08
3.	302	Manufacture of rubber products and others	.. 2.59
4.	320	Manufacture of tiles	.. 0.62
5.	204	Processing and grinding of cereals and grain manually	.. 0.25
6.		Other industries	.. 52.91
		Total	.. <u>82.35</u>

TABLE 28.4

Arrangement of industries according to productive capital

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
i.	211	Manufacture of other edible oils	.. 25.34
2.	271	Sawmills	.. 8.83
3.	320	Manufacture of tiles	.. 8.39
4.	302	Manufacture of rubber products and others	.. 7.46
5.	204	Processing and grinding of cereals and grain manually	.. 2.70
6.		Other industries	.. 123.49
		Total	.. <u>176.21</u>

TABLE 28.5

Arrangement of industries according to invested capital

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Malappuram	
			<i>Invested capital</i> (<i>Rs. in lakhs</i>)	
(1)	(2)	(3)	(4)	
1.	211	Manufacture of other edible oils	..	24.70
2.	302	Manufacture of rubber products and others	..	13.27
3.	320	Manufacture of tiles	..	9.59
4.	271	Sawmills	..	6.86
5.	204	Processing and grinding of cereals and grain manually	..	2.45
6.		Other industries	..	149.09
		Total	..	205.96

TABLE 28.6

Arrangement of industries according to outstanding loans

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	Malappuram	
			<i>Outstanding loans</i> (<i>Rs. in lakhs</i>)	
(1)	(2)	(3)	(4)	
1.	320	Manufacture of tiles	..	5.76
2.	271	Sawmills	..	5.57
3.	302	Manufacture of rubber products and others	..	4.73
4.	211	Manufacture of edible oils	..	3.09
5.		Other industries	..	75.09
		Total	..	94.21

TABLE 28·7

Arrangement of industries according to all workers

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers (No.)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of tiles	357
2.	271	Sawmills	175
3.	302	Manufacture of rubber products and others	120
4.	211	Manufacture of other edible oils	46
5.	204	Processing and grinding of cereals and grain manually	4
6.		Other industries	566
		Total	1,268

TABLE 28·8

Arrangement of industries according to all employees

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (No.)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of tiles	378
2.	272	Sawmills	209
3.	302	Manufacture of rubber products and others	152
4.	211	Manufacture of other edible oils	80
5.	204	Processing and grinding of cereals and grain manually	10
6.		Other industries	713
		Total	1,542

TABLE 28.9

Arrangement of industries according to wages to workers

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of tiles	7.13
2.	302	Manufacture of rubber products and others	2.22
3.	271	Sawmills	1.66
4.	211	Manufacture of other edible oils	1.14
5.	204	Processing and grinding of cereals and grain manually	0.05
6.		Other industries	30.73
		Total	42.93

TABLE 28.10

Arrangement of industries according to total emoluments

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages, salaries and other benefits to employees (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of tiles	12.59
2.	302	Manufacture of rubber products and others	4.34
3.	211	Manufacture of other edible oils	2.28
4.	271	Sawmills	2.19
5.	204	Processing and grinding of cereals and grain manually	0.12
6.		Other industries	54.50
		Total	76.02

TABLE 28·11

Arrangement of industries according to average wages

Malappuram

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wage per worker</i> <i>Rs.</i>
(1)	(2)	(3)	(4)
1.	211	Manufacture of other edible oils	2,478·26
2.	320	Manufacture of tiles	1,997·20
3.	302	Manufacture of rubber products and others	1,850·00
4.	204	Processing and grinding of cereals and grain manually	1,250·00
5.	271	Sawmills	948·58
6.		Other industries	5,429·32
		Total	3,385·64

TABLE 28·12

Arrangement of industries according to average wages

Malappuram

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries and other benefits/</i> <i>per employee</i> <i>Rs.</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of tiles	3,330·68
2.	302	Manufacture of rubber products and others	2,855·26
3.	211	Manufacture of other edible oils	2,850·00
4.	204	Processing and grinding of cereals and grain manually	1,200·00
5.	271	Sawmills	1,047·85
6.		Other industries	7,643·75
		Total	4,229·96

TABLE 28·13

Arrangement of industries according to total input

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input Rs. in lakhs</i>
(1)	(2)	(3)	(4)
1.	211	Manufacture of other edible oils ..	250·54
2.	302	Manufacture of rubber products and others ..	48·06
3.	320	Manufacture of tiles ..	12·22
4.	271	Sawmills ..	10·27
5.	204	Processing and grinding of cereals and grains manually ..	0·18
6.		Other industries ..	190·80
		Total ..	512·07

TABLE 28·14

Arrangement of industries according to total output

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	211	Manufacture of other edible oils ..	258·1
2.	302	Manufacture of rubber products and others ..	74·25
3.	320	Manufacture of tiles ..	31·81
4.	271	Sawmills ..	13·88
5.	204	Processing and grinding of cereals and grain manually ..	0·29
6.		Other industries ..	540·11
		Total ..	686·15

TABLE 28·15

Arrangement of industries according to value added

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Value added by manufacture (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products and others	25·48
2.	320	Manufacture of tiles	19·07
3.	211	Manufacture of other edible oils	7·29
4.	271	Sawmills	3·23
5.	204	Processing and grinding of cereals and grain manually	(—) 0·05
6.		Other industries	110·11
Total			165·13

TABLE 28·16

Arrangement of industries according to net income

			Malappuram
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	302	Manufacture of rubber products and others	24·64
2.	320	Manufacture of tiles	18·50
3.	211	Manufacture of other edible oils	6·68
4.	271	Sawmills	2·77
5.	204	Processing and grinding of cereals and grain manually	(—) 0·05
6.		Other industries	105·37
Total			157·91

TABLE 29
Summary of important characteristics of the district

Serial number	Items	State			District			Percentage			Kozhikode
		Census		Total	Census		Total	District to State		District total to State total	
		3	4	5	6	7	8	9	10	11	
1	No. of factories reported	904			101	202	303	11.17	14.29	13.07	
2	Fixed capital (Rs. in lakhs.)	41,709.21	1,414	2,318	1,386.28	195.96	1,582.24	3.32	9.15	3.61	
3	Working capital	12,589.86	1,366.57	13,956.43	586.13	156.83	742.96	4.66	11.48	5.32	
4	Productive capital	54,299.07	3,508.14	57,807.21	1,972.41	352.79	2,325.20	3.63	10.06	4.02	
5	Invested capital	59,419.49	3,463.72	62,883.21	2,174.36	335.69	2,510.05	3.66	9.69	3.99	
6	Outstanding loans	38,275.72	1,474.54	39,750.26	729.79	177.82	907.61	1.90	12.06	2.28	
7	All workers (Nos.)	176,813	31,210	208,023	10,049	3,786	13,835	5.68	12.14	6.65	
8	All employees (Nos.)	25,733	37,696	243,429	11,942	4,630	16,572	5.80	12.28	6.81	
9	Wages to workers (Rs. in lakhs.)	4,515.20	574.67	5,089.87	320.65	76.10	396.75	7.10	13.24	7.79	
10	Wages, salaries and other benefits to employees										
11	Material input (Rs. in lakhs.)	7,565.66	885.66	8,451.32	473.13	115.15	588.28	6.25	13.00	6.96	
12	Total input	48,031.40	8,945.03	56,976.43	2,800.17	1,547.04	4,347.21	5.83	17.29	7.63	
13	Total output	50,541.16	9,116.86	59,658.02	2,967.25	1,564.98	4,532.23	5.87	17.17	7.60	
14	Value added	66,752.81	11,241.05	77,993.86	3,715.27	1,775.00	5,490.27	5.57	15.79	7.04	
15	Net income	13,701.89	1,952.36	15,654.25	580.94	192.07	773.01	4.24	9.83	4.94	
		12,243.13	1,786.08	14,029.21	504.95	169.36	674.31	4.13	9.48	4.81	

TABLE 29.1

Arrangement of industries according to the number of units

			Kozhikode	
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>		<i>No. of units</i>
(1)	(2)	(3)		(4)
1.	271	Manufacture of saw mills	..	89
2.	973	Repair of motor vehicles	..	27
3.	320	Manufacture of structural clay products	..	22
4.	235	Weaving and finishing of cotton textiles	..	17
5.	270	Manufacture of plywood	..	14
6.	212	Tea processing	..	13
7.	268	Manufacture of coir and coir products	..	10
8.	265	Manufacture of rain coats, hats, umbrellas, etc.	..	7
9.	203	Canning, preserving and processing of fish	..	6
10.	330	Iron and steel industries	..	6
11.	284	Printing and publishing of news paper	..	5
12.	285	Printing of books and journals	..	5
13.	289	Printing picture and post card	..	5
14.	302	Manufacture of rubber products	..	5
15.	211	Manufacture of edible oils	..	4
16.	213	Coffee, curing, roasting and grinding	..	4
17.	274	Wooden bobbins and blocks	..	4
18.	387	Manufacture of stationery articles	..	4
19.	205	Manufacture of battery products	..	3
20.	313	Manufacture of drugs and medicines	..	3
21.	331	Foundries for casting and forging iron and steel	..	3
22.	359	Manufacture and repair of non-electrical machinery equipment	..	3
23.		Other industries	..	44
		Total	..	303

TABLE 29.2

Arrangement of industries according to fixed capital

				Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>	
(1)	(2)	(3)	(4)	
1.	330	Iron and steel industries	..	259.19
2.	212	Tea processing	..	53.36
3.	284	Printing and publishing of news paper	..	45.73
4.	320	Manufacture of structural clay products	..	37.82
5.	271	Sawmills	..	37.14
6.	268	Manufacture of coir and coir products	..	25.11
7.	973	Repair of motor vehicles	..	23.46
8.	203	Canning, preserving and processing of fish	..	22.47
9.	211	Manufacture of edible oils	..	15.67
10.	270	Manufacture of plywood	..	13.56
11.	331	Foundries for casting and forging iron and steel	..	12.23
12.	213	Coffee, curing, roasting and grinding etc.	..	11.89
13.	302	Manufacture of rubber products	..	11.68
14.	813	Manufacture of drugs and medicines	..	7.97
15.	235	Weaving and finishing of cotton textiles	..	7.42
16.	205	Manufacture of bakery products	..	7.38
17.	289	Printing picture and post card	..	6.21
18.	359	Manufacture and repair of non-electrical machinery equipment	.	5.76
19.	387	Manufacture stationery articles	..	3.36
20.	285	Printings of book and journals	..	1.47
21.	265	Manufacture of rain coat, hats, umbrella etc.		0.36
22.	274	Wooden bobbins, blocks	..	0.30
23.		Other industries	..	972.70
Total			..	1,582.24

TABLE 29.3

Arrangement of industries according to working capital

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	284	Printing and publishing of news paper	.. 72.00
2.	330	Iron and steel industries	.. 51.88
8.	211	Manufacture of edible oils	.. 47.26
4.	235	Weaving and finishing of cotton textiles	.. 44.10
5.	212	Tea processing	.. 41.05
6.	265	Manufacture of rain coats, hats, umbrellas etc.	.. 31.20
7.	320	Manufacture of structural clay products	.. 21.51
8.	271	Sawmills	.. 20.70
9.	270	Manufacture of plywood	.. 12.43
10.	973	Repair of motor vehicles	.. 9.43
11.	213	Coffee, curing, roasting and grinding	.. 6.57
12.	331	Foundries for casting and forging iron and steel	.. 6.45
13.	268	Manufacture of coir and coir products	.. 5.61
14.	205	Manufacture of bakery products	.. 4.53
15.	203	Canning, preserving and processing of fish	.. 4.48
16.	359	Manufacture and repair of non-electrical machinery equipment	.. 3.92
17.	313	Manufacture of drugs and medicines	.. 3.89
18.	285	Printing books and journals	.. 2.83
19.	302	Manufacture of rubber products	.. 2.49
20.	387	Manufacture of stationery articles	.. 0.97
21.	289	Printing picture and post card	.. 0.66
22.	274	Wooden bobbins, blocks	.. 0.06
23.		Other industries	.. 348.94
Total			.. 742.96

TABLE 29.4

Arrangement of industries according to productive capital

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	330	Iron and steel industries ..	311.07
2.	284	Printing and publishing of news paper ..	117.73
3.	212	Tea processing ..	94.41
4.	211	Manufacture of edible oils ..	62.93
5.	320	Manufacture of structural clay products ..	59.33
6.	271	Sawmills ..	57.84
7.	235	Weaving and finishing of cotton textiles ..	51.52
8.	973	Repair of motor vehicles ..	32.89
9.	265	Manufacture of rain coats, hats, umbrellas etc. ..	31.56
10.	268	Manufacture of coir and coir products ..	30.72
11.	203	Canning, preserving and processing of fish ..	26.95
12.	270	Manufacture of plywood ..	25.99
13.	331	Foundries for casting and forging iron and steel ..	18.68
14.	213	Coffee curing, roasting and grinding ..	18.46
15.	302	Manufacture of rubber products ..	14.17
16.	205	Manufacture of bakery products ..	11.91
17.	313	Manufacture of drugs and medicines ..	11.86
18.	359	Manufacture and repair of non-electrical machinery equipment ..	9.68
19.	289	Printing picture and post card ..	6.87
20.	387	Manufacture of stationery articles ..	4.33
21.	285	Printing books and journals ..	4.30
22.	274	Wooden bobbins blocks etc. ..	0.36
23.		Other industries ..	1,321.64
Total			2,325.20

TABLE 29.5

Arrangement of industries according to invested capital

Sl. No.	Code	Name of industry	Kozhikode
			Invested capital (Rs. in lakhs)
(1)	(2)	(3)	(4)
1.	330	Iron and steel industries ..	480.99
2.	212	Tea processing ..	98.06
3.	284	Printing and publishing of news paper ..	96.32
4.	320	Manufacture of structural clay products ..	77.10
5.	211	Manufacture of edible oils ..	67.64
6.	271	Sawmills ..	44.18
7.	235	Weaving and finishing of cotton textiles ..	42.13
8.	270	Manufacture of plywood ..	33.63
9.	973	Repair of motor vehicles ..	33.43
10.	268	Manufacture of coir and coir products ..	30.49
11.	203	Canning, preserving and processing of fish ..	29.53
12.	265	Manufacture of rain coats, hats, umbrellas, etc. ..	22.53
13.	331	Foundries for casting and forging iron and steel ..	16.33
14.	313	Manufacture of drugs and medicines ..	14.18
15.	359	Manufacture and repair of non-electrical machinery equipments ..	14.13
16.	213	Coffee, curing, roasting and grinding ..	13.63
17.	302	Manufacture of rubber products ..	12.83
18.	205	Manufacture of bakery products ..	9.46
19.	289	Printing picture and post card ..	8.16
20.	387	Manufacture of stationery articles ..	7.29
21.	285	Printing of books and journals ..	2.75
22.	274	Wooden bobbins, blocks, etc. ..	0.70
23.		Other industries ..	1,354.56
		Total ..	<u>2,510.05</u>

TABLE 29.6

Arrangement of industries according to outstanding loans

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Outstanding loans (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	330	Iron and steel industries ..	325.03
2.	320	Manufacture of structural clay products ..	45.26
3.	265	Manufacture of rain coats, hats, umbrellas, etc. ..	23.83
4.	313	Manufacture of drugs and medicines ..	23.62
5.	268	Manufacture of coir and coir products ..	23.30
6.	203	Canning, preserving and processing of fish ..	21.17
7.	271	Sawmills ..	19.91
8.	284	Printing and publishing of news paper ..	18.15
9.	235	Weaving and finishing of cotton textiles ..	17.18
10.	331	Foundries for casting and forging iron and steel ..	11.22
11.	205	Manufacture of bakery products ..	10.69
12.	270	Manufacture of plywood ..	10.05
13.	289	Printing picture and post card ..	6.13
14.	211	Manufacture of edible oils ..	5.84
15.	302	Manufacture of rubber products ..	5.52
16.	359	Manufacture and repair of non-electrical machinery equipment ..	5.48
17.	213	Coffee, curing, roasting and grinding ..	5.05
18.	973	Repair of motor vehicles ..	4.86
19.	387	Manufacture of stationery articles ..	3.62
20.	285	Printing books and journals ..	0.53
21.	274	Wodden bobbins, blocks, etc. ..	0.26
22.	212	Tea processing ..	..
23.		Other industries ..	320.88
Total ..			907.61

TABEE 29:7

Arrangement of industries according to workers

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers (Nos.)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of structural clay products	.. 2,963
2.	271	Sawmills	.. 1,699
3.	235	Weaving and finishing of cotton textiles	.. 1,136
4.	212	Tea processing	.. 639
5.	973	Repair of motor vehicles	.. 555
6.	330	Iron and steel industries	.. 515
7.	270	Manufacture of plywood	.. 495
8.	268	Manufacture of coir and coir products	.. 448
9.	284	Printing and publishing of newspaper	.. 358
10.	213	Coffee, curing, roasting and grinding	.. 310
11.	203	Canning, preserving and processing of fish	.. 190
12.	211	Manufacture of edible oils	.. 156
13.	359	Manufacture and repair of non-electrical machinery equipment	.. 152
14.	265	Manufacture of rain coats, hats, umbrellas, etc.	.. 138
15.	289	Printing picture and post card	.. 122
16.	313	Manufacture of drugs and medicines	.. 101
17.	285	Printing books and journals	.. 93
18.	387	Manufacture of stationery articles	.. 68
19.	331	Foundries for casting and forging iron and steel	.. 59
20.	802	Manufacture of rubber products	.. 52
21.	205	Manufacture of bakery products	.. 47
22.	274	Wooden bobbins, blocks, etc.	.. 22
23.		Other industries	.. 3,517
Total			.. 13,835

TABLE 29.8

Arrangement of industries according to employees

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (Nos.)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of structural clay products	.. 3,295
2.	271	Sawmills	.. 1,992
3.	235	Weaving and finishing of cotton textiles	.. 1,313
4.	330	Iron and steel industries	.. 785
5.	212	Tea processing	.. 708
6.	973	Repair of motor vehicles	.. 559
7.	270	Manufacture of plywood	.. 600
8.	284	Printing and publishing of newspaper	.. 559
9.	268	Manufacture of coir and coir products	.. 525
10.	213	Coffee, curing, roasting and grinding	.. 423
11.	203	Canning, preserving and processing of fish	.. 258
12.	265	Manufacture of rain coats, hats, umbrellas, etc.	.. 204
13.	211	Manufacture of edible oils	.. 196
14.	359	Manufacture and repair of non-electrical machinery equipment	.. 195
15.	289	Printing picture and post card	.. 143
16.	313	Manufacture of drugs and medicines	.. 143
17.	285	Printing books and journals	.. 111
18.	205	Manufacture of bakery products	.. 94
19.	387	Manufacture of stationery articles	.. 88
20.	331	Foundries for casting and forging iron and steel	.. 85
21.	302	Manufacture of rubber products	.. 66
22.	274	Wooden bobbins, blocks, etc.	.. 30
23.		Other industries	.. 4,100
Total			.. <u>16,572</u>

TABLE 29-9

Arrangement of industries according to wages

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of structural clay products	.. 93.78
2.	271	Sawmills	.. 27.93
3.	235	Repair of motor vehicles	.. 23.99
4.	973	Repair of motor vehicles	.. 21.96
5.	284	Printing and publishing of newspaper	.. 19.99
6.	330	Iron and steel industries	.. 17.34
7.	212	Tea processing	.. 13.20
8.	270	Manufacture of plywood	.. 9.53
9.	359	Manufacture and repair of non-electrical machinery equipment	.. 5.25
10.	203	Canning, preserving and processing of fish	.. 4.33
11.	313	Manufacture of drugs and medicines	.. 4.33
12.	289	Printing picture and post card	.. 4.32
13.	2.8	Manufacture of coir and coir products	.. 3.91
14.	211	Manufacture of edible oils	.. 3.71
15.	265	Manufacture of rain coats, hats, umbrellas, etc.	.. 3.16
16.	213	Coffee, curing, roasting and grinding	.. 2.75
17.	285	Printing books and journals	.. 2.47
18.	205	Manufacture of bakery products	.. 1.55
19.	387	Manufacture of stationery articles	.. 1.16
20.	302	Manufacture of rubber products	.. 0.87
21.	274	Wooden bobbins, blocks, etc.	.. 0.74
22.	331	Foundries for casting and forging iron and steel	.. 0.70
23.		Other industries	.. 129.68
Total			.. 396.75

TABLE 22-10

Average wage per worker

			Kozhikode
Sl. No.	Code	Name of industry	Average wage per worker (Rs.)
(1)	(2)	(3)	(4)
1.	284	Printing and publishing of news paper ..	5,583.80
2.	313	Manufacture of drugs and medicines ..	4,287.13
3.	973	Repair of motor vehicles ..	3,956.76
4.	289	Printing picture and post card ..	3,540.98
5.	205	Manufacture of bakery products ..	3,510.64
6.	359	Manufacture and repair of non-electrical machinery equipment ..	3,453.95
7.	330	Iron and steel industries ..	3,366.99
8.	274	Wooden bobbins, blocks, etc. ..	3,363.64
9.	320	Manufacture of structural clay products ..	3,165.04
10.	285	Printing books and journals ..	2,655.91
11.	211	Manufacture of edible oils ..	2,378.21
12.	265	Manufacture of rain coats, hats, umbrellas, etc. ..	2,289.86
13.	203	Canning, preserving and processing of fish ..	2,278.95
14.	235	Weaving and finishing of cotton textiles ..	2,111.80
15.	212	Tea processing ..	2,965.73
16.	270	Manufacture of plywood ..	1,925.25
17.	387	Manufacture of stationery articles ..	1,705.88
18.	302	Manufacture of rubber products ..	1,673.08
19.	271	Sawmills ..	1,643.91
20.	331	Foundries for casting and forging iron and steel ..	1,186.44
21.	213	Coffee, curing roasting and grinding ..	887.10
22.	268	Manufacture of coir and coir products ..	872.77
23.		Other industries ..	3,687.23
		Total ..	2,867.73

TABLE 29.11

Arrangement of industries according to total emoluments

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total emoluments (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of structural clay products ..	114.82
2.	284	Printing and publishing of news papers ..	43.35
3.	271	Sawmills ..	40.58
4.	330	Iron and steel industries ..	33.38
5.	235	Weaving and finishing of cotton textiles ..	32.64
6.	973	Repair of motor vehicles ..	30.16
7.	212	Tea processing ..	20.27
8.	270	Manufacture of plywood ..	14.91
9.	203	Canning, preserving and processing of fish ..	8.17
10.	359	Manufacture and repair of non-electrical machinery equipment ..	7.67
11.	313	Manufacture of drugs and medicines ..	7.47
12.	211	Manufacture of edible oils ..	6.60
13.	268	Manufacture of coir and coir products ..	6.11
14.	289	Printing picture and post card ..	5.75
15.	213	Coffee, curing, roasting and grinding ..	4.90
16.	265	Manufacture of rain coats, hats and umbrellas ..	4.73
17.	285	Printing books and journals ..	3.09
18.	205	Manufacture of bakery products ..	2.22
19.	337	Manufacture of stationery articles ..	1.72
20.	302	Manufacture of rubber products ..	1.41
21.	331	Foundries for casting and forging iron and steel ..	1.28
22.	274	Wooden bobbins, blocks, etc. ..	0.88
23.		Other industries ..	196.17
Total ..			588.28

TABLE 29.12

Average wages, salaries and other benefits per employee

			Kozhikode
Sl. No.	Code	Name of industry	Average wages salaries and other benefits per employee (Rs.)
(1)	(2)	(3)	(4)
1.	284	Printing and publishing of news paper ..	7,754.92
2.	313	Manufacture of drugs and medicines ..	5,223.78
3.	973	Repair of motor vehicles ..	4,576.63
4.	330	Iron and steel industries ..	4,252.23
5.	289	Printing picture and post card ..	4,020.98
6.	359	Manufacture and repair of non-electrical machinery equipment ..	3,933.33
7.	320	Manufacture of structural clay products ..	3,484.67
8.	211	Manufacture of edible oils ..	3,367.35
9.	203	Canning, preserving and processing of fish ..	3,166.67
10.	274	Wooden bobbins, blocks, etc. ..	2,933.33
11.	212	Tea processing ..	2,862.99
12.	285	Printing books and journals ..	2,783.78
13.	235	Weaving and finishing of cotton textiles ..	2,485.91
14.	270	Manufacture of plywood ..	2,485.00
15.	205	Manufacture of bakery products ..	2,361.70
16.	265	Manufacture of rain coats, hats and umbrellas ..	2,318.63
17.	302	Manufacture of rubber products ..	2,136.36
18.	271	Sawmills ..	2,037.15
19.	387	Manufacture of stationery articles ..	1,954.55
20.	331	Foundries for casting and forging iron and steel ..	1,505.88
21.	268	Manufacture of coir and coir products ..	1,163.81
22.	213	Coffee, curing, roasting and grinding ..	1,158.39
23.		Other industries ..	4,784.63
Total ..			3,549.84

TABLE 29.13

Arrangement of industries according to total input

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total input (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	211	Manufacture of edible oils	962.23
2.	330	Iron and steel industries	459.39
3.	212	Tea processing	303.00
4.	973	Repair of motor vehicles	175.95
5.	284	Printing and publishing of news papers	123.28
6.	271	Sawmills	90.76
7.	320	Manufacture of structural clay products	89.77
8.	235	Weaving and finishing of cotton textiles	74.13
9.	203	Canning, preserving and processing of fish	49.71
10.	270	Manufacture of plywood	48.01
11.	265	Manufacture of rain coats, hats, umbrellas, etc.	47.92
12.	205	Manufacture of bakery products	37.30
13.	302	Manufacture of rubber products	30.14
14.	268	Manufacture of coir and coir products	29.27
15.	313	Manufacture of drugs and medicines	20.77
16.	359	Manufacture and repair of non-electrical machinery equipment	15.13
17.	289	Printing picture and post card	9.34
18.	387	Manufacture of stationery articles	7.21
19.	331	Foundries, for casting and forging iron and steel	4.29
20.	213	Coffee, curing, roasting and grinding	4.41
21.	285	Printing books and journals	3.03
22.	274	Wooden bobbins and blocks	1.51
23.		Other industries	1,944.28
Total			4,532.23

TABLE 29.14

Arrangement of industries according to total output

Kozhikode

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	211	Manufacture of edible oils ..	969.19
2.	330	Iron and steel industries ..	515.88
3.	212	Tea processing ..	437.42
4.	320	Manufacture of structural clay products ..	255.20
5.	973	Repair of motor vehicles ..	214.74
6.	284	Printing and publishing of news paper ..	210.97
7.	271	Sawmills ..	144.47
8.	235	Weaving and finishing of cotton textiles ..	125.97
9.	270	Manufacture of plywood ..	82.99
10.	265	Manufacture of rain coat, hat, umbrellas etc. ..	58.58
11.	203	Canning, preserving and processing of fish ..	56.03
12.	205	Manufacture of bakery products ..	45.04
13.	268	Manufacture of coir and coir products ..	43.35
14.	302	Manufacture of rubber products ..	38.83
15.	313	Manufacture of drugs and medicines ..	29.08
16.	359	Manufacture and repair of non-electrical machinery equipment ..	23.64
18.	289	Printing picture and post card ..	18.04
18.	387	Manufacture of stationery articles ..	11.70
19.	213	Coffee, curing, roasting and grinding ..	10.14
20.	331	Foundries for casting and forging iron and steel ..	8.92
21.	285	Printing books and journals ..	7.17
22.	274	Wooden bobbins, blocks, etc. ..	2.68
23.		Other industries ..	2,180.24
		Total ..	<u>5,490.27</u>

TABLE 29-15

Arrangement of industries according to value added

			Kozhikode
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Value added (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	320	Manufacture of structural clay products ..	162.45
2.	212	Tea processing ..	128.17
3.	284	Printing and publishing of newspaper ..	82.65
4.	235	Weaving and finishing of cotton textiles ..	51.13
5.	271	Sawmills ..	50.39
6.	973	Repair of motor vehicles ..	36.48
7.	330	Iron and steel industries ..	34.65
8.	270	Manufacture of plywood ..	33.66
9.	268	Manufacture of coir and coir products ..	11.72
10.	265	Manufacture of raincoats, hats, umbrellas etc. ..	10.60
11.	289	Printing picture and post card ..	8.19
12.	313	Manufacture of drugs and medicines ..	7.99
13.	359	Manufacture and repair of non-electrical machinery equipment ..	7.94
14.	302	Manufacture of rubber products ..	7.73
15.	205	Manufacture of bakery products ..	6.32
16.	211	Manufacture of edible oils ..	5.46
17.	213	Coffee curing, roasting and grinding ..	4.71
18.	387	Manufacture of stationery articles ..	4.15
19.	285	Printing books and journals ..	4.02
20.	203	Canning, preserving and processing of fish ..	2.71
21.	331	Foundries for casting and forging iron and steel ..	2.53
22.	274	Wooden bobbins, blocks etc. ..	1.14
23.		Other industries ..	108.42
Total ..			773.01

TABLE 29.16

Arrangement of industries according to net income

			Kozhikode
Sl. No.	Code	Name of industry	Net income (Rs. in lakhs)
1.	320	Manufacture of structural clay products ..	154.28
2.	212	Tea processing ..	128.17
3.	284	Printing and publishing of news paper ..	76.24
4.	235	Weaving and finishing of cotton textiles ..	48.58
5.	271	Sawmills ..	47.93
6.	973	Repair of motor vehicles ..	35.53
7.	270	Manufacture of plywood ..	32.63
8.	330	Iron and steel industries ..	9.16
9.	268	Manufacture of coir and coir products ..	8.63
10.	265	Manufacture of raincoats, hats, umbrellas, etc. ..	7.69
11.	289	Printing picture and post card ..	7.63
12.	313	Manufacture of drugs and medicines ..	7.35
13.	302	Manufacture of rubber products ..	7.25
14.	359	Manufacture and repair of non-electrical machinery equipment ..	7.15
15.	205	Manufacture of bakery products ..	5.28
16.	213	Coffee curing, roasting and grinding ..	4.14
17.	387	Manufacture of stationery articles ..	3.65
18.	285	Printing books and journals ..	3.64
19.	274	Wooden bobbins, blocks, etc. ..	1.04
20.	331	Foundries for casting and forging iron and steel ..	0.77
21.	211	Manufacture of edible oils ..	0.72
22.	203	Canning preserving and processing of fish ..	-2.43
23.		Other industries ..	79.28
Total ..			674.31

TABLE 30
Summary of the important characteristics of the district

Cannanore

Serial number	Items	State			District			Percentage		
		Census	Non-Census	Total	Census	Non-Census	Total	District to state census total	District non-census total to state non-census total	District total to state total
1	2	3	4	5	6	7	8	9	10	11
1	No. of factories reported	904	1414	2318	63	164	227	6.97	11.59	9.79
2	Fixed capital (Rs. in lakhs)	41,709.21	2,141.57	43,850.78	395.33	73.22	468.55	0.95	3.42	1.06
3	Working capital (")	12,589.86	1,366.57	13,956.43	518.61	92.92	611.53	4.12	6.80	4.38
4	Productive capital (")	54,299.07	3,508.14	57,807.21	913.94	166.14	1,080.08	1.68	4.74	1.87
5	Invested capital (")	59,419.49	3,463.72	62,883.21	871.63	161.69	1,033.32	1.47	4.67	1.64
6	Outstanding loan (")	38,275.72	1,474.54	39,750.26	392.48	71.12	463.60	1.03	4.82	1.17
7	All workers number	176813	31210	208023	7972	2958	10930	4.51	9.48	5.25
8	All employees number	205733	37696	243429	9053	3552	12605	4.40	9.42	5.18
9	Wages to workers (Rs. in lakhs)	4,515.20	574.67	5,089.87	243.14	68.05	311.19	5.38	11.84	6.11
10	Wages, salaries and other benefits to employees (Rs. in lakhs)	7,565.66	885.66	8,451.32	362.65	93.07	455.72	4.79	10.51	5.39
11	Material input (")	48,031.40	8,945.03	56,976.43	1,485.64	582.29	2,067.93	3.09	6.52	3.64
12	Total input (")	50,541.16	9,116.86	59,658.02	1,530.35	589.84	2,120.19	3.03	6.47	3.56
13	Total output (")	66,752.81	11,241.05	77,993.86	2,182.80	752.69	2,935.49	3.27	6.70	3.75
14	Value added (")	13,701.89	1,952.36	15,654.25	607.74	155.30	763.04	4.45	7.95	4.87
15	Net income (")	12,243.13	1,786.08	14,029.21	562.25	145.81	708.06	4.59	8.16	5.05

TABLE 30.1

Arrangement of industries according to number of units

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>No. of units</i>
1.	235	Cotton spinning and weaving— Handlooms ..	77
2.	271	Sawmills ..	58
3.	236	Cotton spinning and weaving— Powerlooms ..	13
4.	320	Manufacture of structural clay products ..	7
5.	973	Repair of motor vehicles ..	7
6.	289	Printing picture and post cards ..	6
7.	341	Manufacture of structural metal products ..	6
8.	212	Tea processing ..	5
9.	276	Manufacture of wooden furnitur and fixtures ..	5
10.	231	Cotton spinning and weaving mills ..	4
11.	250	Knitting mills ..	4
12.	270	Manufacture of veneers and plywood ..	4
13.	203	Canning of fish and other sea foods ..	3
14.	280	Manufacture of paper and paper board..	3
15.		Other industries ..	25
Total ..			227

TABLE 30.2

Arrangement of industries according to fixed capital

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>
1.	231	Cotton spinning and weaving mills ..	151.82
2.	270	Manufacture of veneers and plywood ..	111.32
3.	235	Cotton spinning and weaving— Handlooms ..	38.32
4.	271	Sawmills ..	36.00
5.	203	Canning of fish and other sea foods ..	34.46
6.	280	Manufacture of paper and paper board ..	18.80
7.	236	Cotton spinning and weaving— Powerlooms ..	11.55
8.	320	Manufacture of structural clay products ..	10.60

TABLE 30.2—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Fixed capital (Rs. in lakhs)</i>
9.	260	Knitting mills	9.84
10.	212	Tea processing	4.64
11.	289	Printing picture and post card	2.67
12.	973	Repair of motor vehicles	2.18
13.	276	Manufacture of wooden furniture and fixtures	1.87
14.	341	Manufacture of structural metal products	1.61
15.		Other industries	32.87
		Total	468.55

TABLE 30.3

Arrangement of industries according to working capital

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Working capital (Rs. in lakhs)</i>
			Cannanore
1.	231	Cotton spinning and weaving mills	194.13
2.	270	Manufacture of veneers and plywood	135.50
3.	235	Cotton spinning and weaving— Handlooms	81.92
4.	271	Sawmills	37.55
5.	203	Canning of fish and other sea foods	20.18
6.	280	Manufacture of paper and paper board	16.88
7.	260	Knitting mills	12.58
8.	320	Manufacture of structural clay products	10.46
9.	236	Cotton spinning and weaving— Powerlooms	10.15
10.	276	Manufacture of wooden furni- ture and fixtures	9.03
11.	280	Manufacture of structural metal products	4.53
12.	289	Printing picture and post card	3.53
13.	212	Tea processing	2.96
14.	973	Repair of motor vehicles	2.32
15.		Other industries	69.81
		Total	611.53

TABLE 30.4

Arrangement of industries according to productive capital

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Productive capital (Rs. in lakhs)</i>
1.	231	Cotton spinning and weaving mills	345.95
2.	270	Manufacture of veneers and plywood	246.82
3.	235	Cotton spinning and weaving— Handlooms	.. 120.24
4.	271	Sawmills	.. 73.55
5.	203	Canning of fish and other sea foods	54.64
6.	280	Manufacture of paper and paper board	.. 35.68
7.	260	Knitting mills	.. 22.42
8.	236	Cotton spinning and weaving— Powerlooms	.. 21.70
9.	320	Manufacture of structural clay products	.. 21.06
10.	276	Manufacture of wooden furni- ture and fixtures	.. 10.90
11.	212	Tea processing	.. 7.60
12.	289	Printing picture and post card	.. 6.20
13.	341	Manufacture of structural metal products	.. 6.14
14.	973	Repair of motor vehicles	.. 4.50
15.		Other industries	.. 102.68
Total			.. 1080.08

TABLE 30.5

Arrangement of industries according to invested capital

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
1.	231	Cotton spinning and weaving mills	337.65
2.	270	Manufacture of veneers and plywood	255.64
3.	235	Cotton, spinning and weaving— Handlooms	.. 119.36
4.	271	Sawmills	.. 55.62
5.	203	Canning of fish and other sea foods	46.84
6.	280	Manufacture of paper and paper board	.. 26.88
7.	236	Cotton spinning and weaving— Powerlooms	.. 24.24
8.	260	Knitting mills	.. 19.30

TABLE 30.5—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Invested capital (Rs. in lakhs)</i>
9.	320	Manufacture of structural clay products ..	17.45
10.	276	Manufacture of wooden furniture and fixtures ..	11.54
11.	341	Manufacture of structural metal products ..	7.60
12.	212	Tea processing ..	7.57
13.	289	Printing picture and post card ..	4.89
14.	973	Repair of motor vehicles ..	2.60
15.		Other industries ..	96.14
		Total ..	1033.32

TABLE 30.6

Arrangement of industries according to outstanding loans

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Outstanding loans (Rs. in lakhs)</i>
			Cannanore
1.	231	Cotton spinning and weaving mills	130.42
2.	270	Manufacture of veneers and plywood ..	92.04
3.	235	Cotton spinning and weaving— Handlooms ..	66.96
4.	203	Canning of fish and other sea foods	42.76
5.	280	Manufacture of paper and paper board ..	33.99
6.	260	Knitting mills ..	18.12
7.	271	Sawmills ..	14.55
8.	276	Manufacture of wooden furniture and fixtures ..	8.99
9.	236	Cotton spinning and weaving— Powerlooms ..	8.87
10.	341	Manufacture of structural metal products ..	3.36
11.	289	Printing picture and post card ..	2.09
12.	320	Manufacture of structural clay products ..	1.28
13.	973	Repair of motor vehicles ..	1.13
14.	212	Tea processing ..	..
15.		Other industries ..	39.04
		Total ..	463.60

TABLE 30.7

Arrangement of industries according to workers

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All workers (No.)</i>
1.	235	Cotton spinning and weaving— Handlooms ..	2657
2.	231	Cotton spinning and weaving mills	2496
3.	271	Sawmills ..	1193
4.	270	Manufacture of veneers and plywood ..	927
5.	320	Manufacture of structural clay products ..	622
6.	236	Cotton spinning and weaving— Powerlooms ..	354
7.	280	Manufacture of paper and paper board ..	210
8.	260	Knitting mills ..	199
9.	212	Tea processing ..	132
10.	203	Canning of fish and other sea foods	125
11.	276	Manufacture of wooden furni- ture and fixtures	112
12.	973	Repair of motor vehicles ..	107
13.	341	Manufacture of structural metal products ..	48
14.	289	Printing picture and post card ..	46
15.		Other industries ..	1702
Total ..			10930

TABLE 30.8

Arrangement of industries according to all employees

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (No.)</i>
1.	235	Cotton spinning and weaving— Handlooms ..	13095
2.	231	Cotton spinning and weaving mills	2688
3.	271	Sawmills ..	1436
4.	270	Manufacture of veneers and plywood	1109
5.	320	Manufacture of structural clay products ..	694
6.	236	Cotton spinning and weaving— Powerlooms ..	441
7.	280	Manufacture of paper and paper board ..	279
8.	260	Knitting mills ..	264

TABLE 30.8—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>All employees (No.)</i>
9.	203	Canning of fish and other sea foods	181
10.	276	Manufacture of wooden furniture and fixtures ..	159
11.	212	Tea processing ..	145
12.	973	Repair of motor vehicles ..	124
13.	289	Printing picture and post card ..	60
14.	341	Manufacture of structural metal products ..	58
15.		Other industries ..	1872
Total ..			12605

TABLE 30.9

Arrangement of industries according to wages

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages to workers (Rs. in lakhs)</i>
			Cannanore
1.	231	Cotton spinning and weaving mills ..	114.97
2.	235	Cotton spinning and weaving— Handlooms ..	65.09
3.	270	Manufacture of veneers and plywood ..	35.40
4.	271	Sawmills ..	22.93
5.	320	Manufacture of structural clay products ..	15.89
6.	236	Cotton spinning and weaving— Powerlooms ..	7.57
7.	280	Manufacture of paper and paper board	7.03
8.	260	Knitting mills ..	3.62
9.	276	Manufacture of wooden furniture and fixtures ..	3.56
10.	203	Canning of fish and other sea foods ..	3.08
11.	973	Repair of motor vehicles ..	2.99
12.	212	Tea processing ..	2.12
13.	341	Manufacture of structural metal products ..	1.33
14.	289	Printing picture and post card ..	1.31
15.		Other industries ..	24.30
Total ..			311.19

TABLE 30.10

Arrangement of industries according to total emoluments

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Wages, salaries and other benefits to employees (Rs. in lakhs)</i>
1.	231	Cotton spinning and weaving mills..	154.61
2.	235	Cotton spinning and weaving— Handlooms ..	91.04
3.	270	Manufacture of veneers and plywood..	63.69
4.	271	Sawmills ..	31.62
5.	320	Manufacture of structural clay products	20.28
6.	280	Manufacture of paper and paper boards ..	17.26
7.	236	Cotton spinning and weaving— Powerlooms ..	10.28
8.	260	Knitting mills ..	7.42
9.	203	Canning of fish and other sea foods ..	7.06
10.	276	Manufacture of wooden furniture and fixtures ..	5.85
11.	973	Repair of motor vehicles ..	4.22
12.	212	Tea processing ..	2.95
13.	289	Printing picture and post card ..	2.01
14.	341	Manufacture of structural metal products ..	1.66
15.		Other industries ..	35.77
		Total ..	<u>455.72</u>

TABLE 30.11

Arrangement of industries according to average wage per worker

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wage per worker Rs.</i>
1.	231	Cotton spinning and weaving mills	4,606.17
2.	270	Manufacture of veneers and plywood	3,818.75
3.	280	Manufacture of paper and paper board	3,347.62
4.	276	Manufacture of wooden furniture and fixtures ..	3,178.57
5.	289	Printing picture and post card ..	2,847.82
6.	973	Repair of motor vehicles ..	2,794.39
7.	341	Manufacture of structural metal products ..	2,770.83

TABLE 30.11—(cont.)

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wage per worker</i> <i>Rs.</i>
8.	320	Manufacture of structural clay products	2,554.66
9.	203	Canning of fish and other sea foods ..	2,464.00
10.	235	Cotton spinning and weaving— Handlooms ..	2,449.76
11.	236	Cotton spinning and weaving— Powerlooms ..	2,138.41
12.	271	Sawmills ..	1,922.05
13.	260	Knitting mills ..	1,819.09
14.	212	Tea processing ..	1,606.06
15.		Other industries ..	1,427.73
		Total ..	2,847.12

TABLE 30.12

Arrangement of industries according to average emoluments per employee

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Average wages, salaries and other benefits per employee</i> <i>Rs.</i>
			Cannanore
1.	280	Manufacture of paper and paper board	6,186.37
2.	231	Cotton spinning and weaving mills	5,751.86
3.	270	Manufacture of veneers and plywood ..	5,743.01
4.	203	Canning of fish and other sea foods ..	3,900.55
5.	276	Manufacture of wooden furniture and fixtures ..	3,679.25
6.	973	Repair of motor vehicles ..	3,403.23
7.	289	Printing picture and post card ..	3,350.00
8.	235	Cotton spinning and weaving— Handlooms ..	2,941.52
9.	320	Manufacture of structural clay products ..	2,922.19
10.	341	Manufacture of structural metal products ..	2,862.07
11.	260	Knitting mills ..	2,810.61
12.	236	Cotton spinning and weaving— Powerlooms ..	2,331.06
13.	271	Sawmills ..	2,201.95
14.	212	Tea processing ..	2,034.48
15.		Other industries ..	1,910.79
		Total ..	3,615.39

TABLE 30.13

Arrangement of industries according to total input

			Cannanore
Sl. No.	Code	Name of industry	Total input (Rs. in lakhs)
1.	235	Cotton spinning and weaving— Handloomms ..	680.47
2.	231	Cotton spinning and weaving mills ..	524.18
3.	270	Manufacture of veneers and plywood ..	346.34
4.	271	Sawmills ..	75.80
5.	203	Canning of fish and other sea foods ..	75.50
6.	212	Tea processing ..	56.35
7.	236	Cotton spinning and weaving— Powerlooms ..	55.61
8.	280	Manufacture of paper and paper board ..	52.70
9.	260	Knitting mills ..	50.56
10.	320	Manufacture of structural clay products ..	17.17
11.	276	Manufacture of wooden furni- ture and fixtures ..	12.30
12.	289	Printing picture and post card ..	7.91
13.	973	Repair of motor vehicles ..	5.99
14.	341	Manufacture of structural metal products ..	5.54
15.		Other industries ..	153.77
		Total ..	2120.19

TABLE 30.14

Arrangement of industries according to total output

			Cannanore
Sl. No.	Code	Name of industry	Total output (Rs. in lakhs)
1.	235	Cotton spinning and weaving— Handlooms ..	836.56
2.	231	Cotton spinning and weaving mills ..	753.56
3.	270	Manufacture of veneers and playwood	491.89
4.	280	Manufacture of paper and paper board	137.69
5.	271	Sawmills ..	130.01
6.	203	Canning of fish and other sea foods ..	87.39
7.	236	Cotton spinning and weaving— Powerlooms ..	73.58
8.	260	Knitting mills ..	64.98

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Total output (Rs. in lakhs)</i>
9.	320	Manufacture of structural clay products ..	49.31
10.	212	Tea processing ..	17.79
11.	973	Repair of motor vehicles ..	12.95
12.	289	Printing picture and post card ..	11.21
13.	320	Manufacture of structural metal products ..	8.46
14.	276	Manufacture of wooden furniture and fixtures ..	8.12
15.		Other industries ..	205.99
		Total ..	<u>2935.49</u>

TABLE 30.15

Arrangement of industries according to value added

<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Cannanore Value added by manufacture (Rs. in lakhs)</i>
1.	231	Cotton spinning and weaving mills ..	212.33
2.	235	Cotton spinning and weaving— Handlooms ..	148.74
3.	270	Manufacture of veneers and plywood ..	133.54
4.	280	Manufacturer of paper and paper board ..	80.72
5.	271	Sawmills ..	50.19
6.	320	Manufacture of structural clay products	30.43
7.	236	Cotton spinning and weaving— Powerlooms ..	16.97
8.	260	Knitting mills ..	13.28
9.	212	Tea processing ..	10.99
10.	203	Canning of fish and other sea foods ..	8.38
11.	973	Repair of motor vehicles ..	6.73
12.	289	Printing picture and post card ..	3.03
13.	341	Manufacture of structural metal products ..	2.74
14.	276	Manufacture of wooden furniture and fixtures ..	—4.36
15.		Other industries ..	49.33
		Total ..	<u>763.04</u>

TABLE 30.16

Arrangements of industries according to net income

			Cannanore
<i>Sl. No.</i>	<i>Code</i>	<i>Name of industry</i>	<i>Net income (Rs. in lakhs)</i>
1.	231	Cotton spinning and weaving mills ..	198.77
2.	235	Cotton spinning and weaving— Handlooms ..	138.93
3.	270	Manufacture of veneers and plywood ..	122.46
4.	280	Manufacture of paper and paper board ..	77.09
5.	271	Sawmills ..	48.72
6.	320	Manufacture of structural clay products ..	29.59
7.	236	Cotton spinning and weaving— Powerlooms ..	16.07
8.	260	Knitting mills ..	11.07
9.	212	Tea processing ..	10.99
10.	973	Repair of motor vehicles ..	6.45
11.	203	Canning of fish and other sea foods ..	3.06
12.	299	Printing picture and post card ..	2.83
13.	341	Manufacture of structural metal products ..	2.50
14.	276	Manufacture of wooden furni- ture and fixtures ..	—5.62
15.		Other industries ..	45.15
		Total ..	708.06
			..

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