

GOVERNMENT OF KERALA

**REPORT ON
COIR WORKERS
CENSUS
IN KERALA 1988**

DEPARTMENT OF ECONOMICS & STATISTICS
THIRUVANANTHAPURAM

1990

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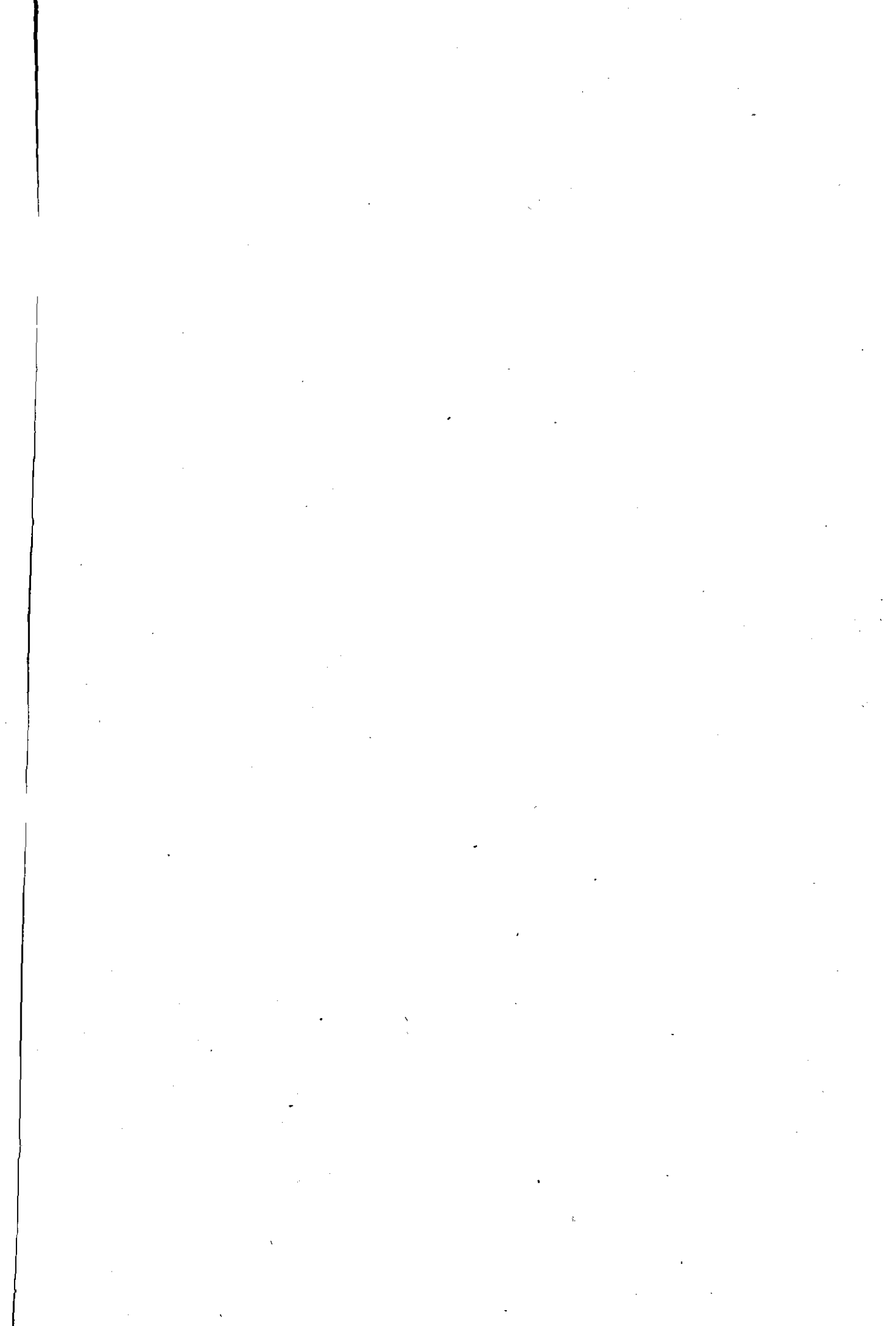
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DEPARTMENT OF ECONOMICS AND STATISTICS
TRIVANDRUM
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P R E F A C E

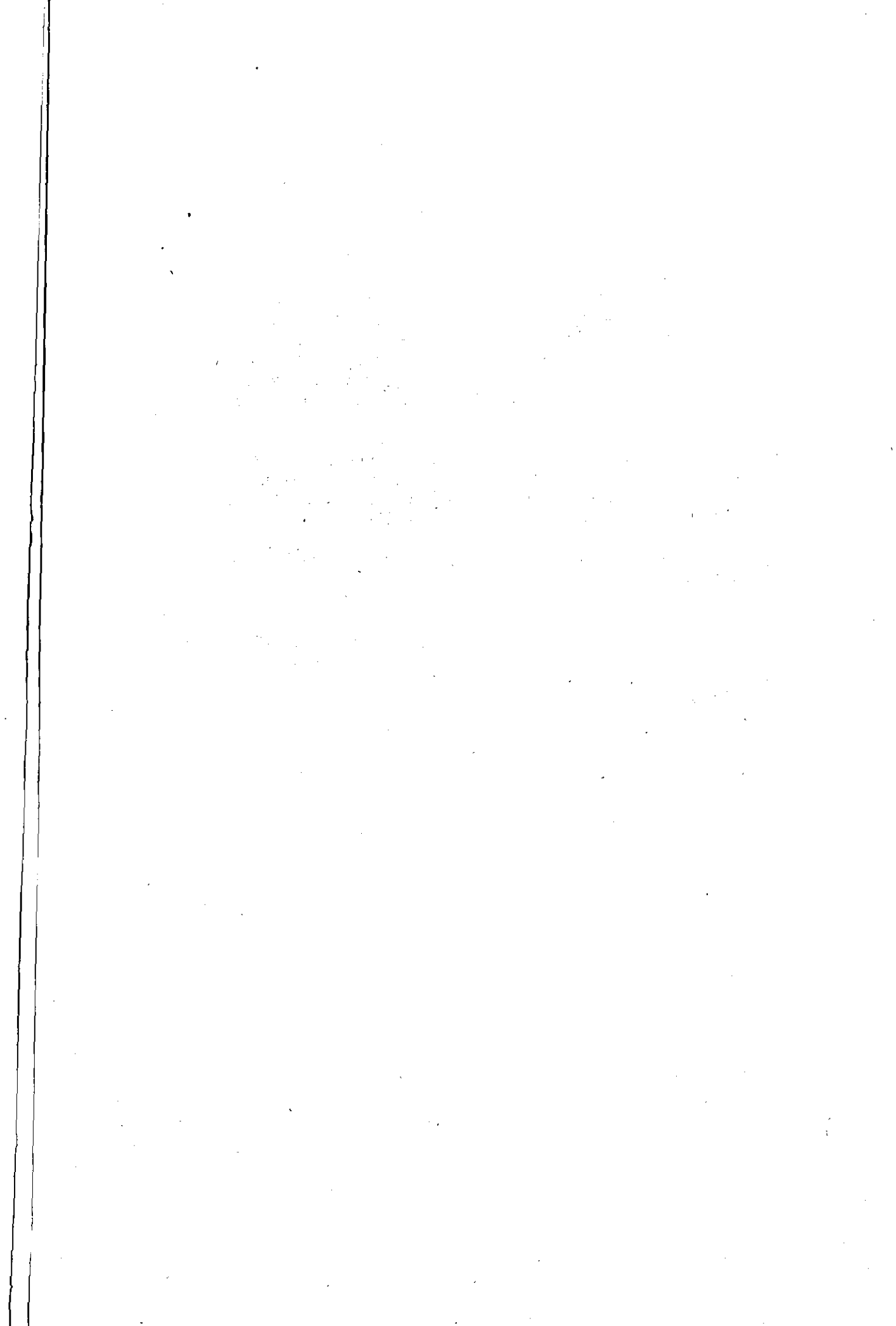
This report presents statistics on persons working in the coir sector in Kerala. Attempt has been made in this Report for presenting estimates of various socio-economic aspects of coir workers. Data presented in this report is brought out on the basis of coir workers' census conducted in the State during 1988.

I hope this report will be useful to the planners and administrators for formulating policies for the betterment of socio-economic conditions of the coir workers in the State.

This report has been prepared by the Survey and Design Unit of this Directorate.

P.L. SREEDEVI AMMA,
Director of Economics & Statistics.

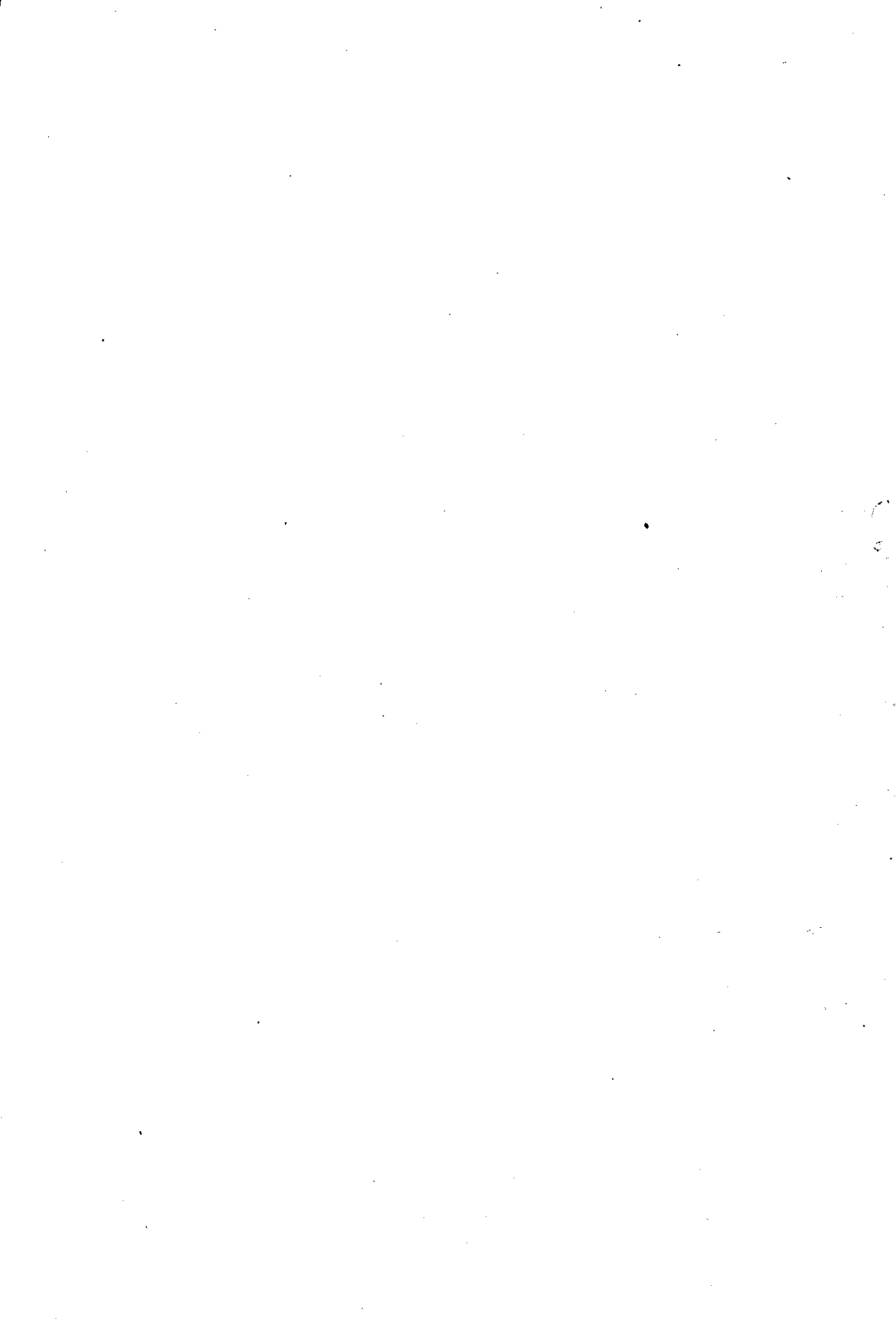
Thiruvananthapuram,
31. 5. 1990.



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Director of Economics and
Statistics.



C O N T E N T S

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Introduction

The Coir Industry which has developed in Kerala as a labour-oriented cottage industry occupies an important place in the State's economy. In 1981 the Department of Economics and Statistics conducted a survey of coir workers which identified the area of concentration and villages of the Coir workers. In order to chalkout schemes beneficial to coir workers it is necessary to launch a programme of identification of actual coir workers and thier registration and issue of identity cards.

1.1 As per the G.O.(Rt)No.83/88/ID. dated 30.1.1988 of Industries (E) Department, Government of Kerala authorised the Department of Economics and Statistics to conduct a Census of coir workers in the State. The present Census was conducted to meet this requirement. Subsequently as per G.O.(Rt)560/89/ID. dated 20.5.1989, Government required this Department to tabulate the data collected through the Census by recruiting Employment Exchange Personnel. The tabulation could be started only during July/August 1989. Due to the high volume of work Government extended the period of the tabulation work, for a period of 6 weeks. The district level tabulation work was completed in December 1989. State level consolidation of the tabulated data and the preparation of the report was done at the Headquarters by the Staff in the survey and Design Unit.

2. Design and Organisation of the Census

The objective of this Census was to identify the actual coir workers and issue family benefit identity cards to them incorporating all the relevant details of the members thereof. The Census covered 256 revenue villages spread over 29 Taluks in the State where coir workers are concentrated. The period of the survey was 4 months. The field work was carried out by enumerators specially recruited for the work through Employment Exchanges. A total of 250 enumerators were appointed for the work and they were paid a remuneration of Rs.3/- per coir household.

The enumerators visited each house in the selected villages and collected the required details through interview method. Field Supervision was done by the Taluk Statistical Officers/Statistical Inspectors/Investigators for which an honorarium of Rs.100/- per month was paid. The compilation and tabulation were done at the District Headquarters and the State level consolidation, analysis and report writing were done at the State headquarters.

The survey was primarily aimed at identifying the coir workers. It was considered desirable to make primary tabulation of the data collected so as to provide information on the basic characteristics of the coir workers and coir worker households.

The districts of Wayanad, Palakkad, Idukki and Pathanamthitta were not covered in the survey as coir industry is not a significant occupation in those areas.

For tabulation of the data, 40 tabulators were recruited through Employment Exchange for a period of two months for a monthly honorarium of Rs.900/-. Considering the work load the period of tabulation was later extended to 3 weeks more.

3. Concepts and Definitions

The important concepts and definitions adopted for the census are discussed hereunder.

3.1 Household

A group of persons normally living together and taking food from a common kitchen will constitute a household.

3.2 Coir worker

Persons engaged in any type of works related to coir industry for their livelihood are considered as coir workers. Those who were engaged in the works related to coir sector in their own houses without any salary and those who work for wages in any household or institution may

be treated as coir worker. Persons who were engaged in coir industry traditionally but were unemployed (or temporarily engaged in other activities) at the time of the survey due to lack of work in coir industry are also considered as coir workers.

3.3 Main worker

Coir workers who earn their income mainly through employment in the coir industry is defined as main worker.

3.4 Subsidiary worker

Coir workers whose employment in the coir industry is only a secondary source of income is defined as subsidiary worker.

3.5 Self-employed

A self employed person is an own account worker engaged in his own household unit with or without the help of the household members.

3.6 Employee

An employee is one who is engaged in a unit for wages or salary in cash or kind.

4. Findings of the Census

4.1 Population in the Coir Workers Households

According to the present census there were 212813 Coir Worker households in the State. The total population in the coir workers' households was about 11.08 lakhs, out of this 3.83 lakhs (34.62%) were coir workers (Table No. 1(a)). The district-wise percentage distribution of Coir workers to total population of the coir households is given in Table I(b). It reveals that the percentage of Coir workers to total population of Coir households is the highest (50.44%) in Kottayam district. This is followed by the districts of Trivandrum (38.74%) and Alleppey (36.91%). In Cannanore district only 24.68% of the population of Coir worker households were actual coir workers.

Table 1(a) District-wise distribution of population and number of Coir workers in the Coir Worker Households

Sl. No.	Name of District	No. of Coir workers household	Population in the Coir workers household	Number of coir workers
1	2	3	4	5
1.	Trivandrum	20959	99748	38643
2.	Quilon	33547	166336	53621
3.	Alleppey	93595	474644	175191
4.	Kottayam	6846	36079	18199
5.	Ernakulam	15071	82901	25409
6.	Trichur	5879	32263	10306
7.	Malappuram	8084	50825	14592
8.	Kozhikode	25739	145353	42489
9.	Cannanore	2140	13491	3330
10.	Kasaragode	953	5874	1614
Total		212813	1107514	383394

Table 1(b) District-wise percentage distribution of Coir Workers to total population of Coir households

Sl. No.	District	Percentage Distribution of Coir Workers		
		Male	Female	Total
1	2	3	4	5
1.	Trivandrum	15.78	57.56	38.74
2.	Quilon	9.30	53.09	32.24
3.	Alleppey	11.49	60.36	36.91
4.	Kottayam	33.64	66.45	50.44
5.	Ernakulam	12.59	46.89	30.65
6.	Trichur	19.14	43.05	31.94
7.	Malappuram	9.01	47.50	28.71
8.	Kozhikode	4.34	51.36	29.23
9.	Cannanore	10.03	36.88	24.68
10.	Kasaragode	15.32	37.65	27.48
State Total		11.53	55.49	34.62

The number of Coir workers in each district with percentages are given in Table 2(a).

Table 2(a) District-wise Distribution of Coir workers

Sl. District No.	Total No. of Coir workers	Percent-age
1	2	3
		4
1. Trivandrum	38643	10.08
2. Quilon	53621	13.99
3. Alleppey	175191	45.69
4. Kottayam	18199	4.75
5. Ernakulam	25409	6.63
6. Trichur	10306	2.68
7. Malappuram	14592	3.81
8. Kozhikode	42489	11.08
9. Cannanore	3330	0.87
10. Kasaragode	1614	0.42
Total	383394	100.00

Nearly 46% of the Coir workers are concentrated in Alleppey District. Quilon district has second place with about 14% of the coir workers. Kasaragode district has the lowest concentration with only 0.42% of the total coir workers.

4.2 Coir worker households and average number of Coir worker per household

Taluk-wise details of coir worker's households, number of coir workers and average number of coir workers per household are furnished in Table 2(b).

The total number of coir worker households in the State during the period of the census was found to be 2.13 lakhs giving an average number of 2 coir workers per household. The taluk-wise distribution of the coir workers shows the highest concentration of coir workers and coir households in Shertallai Taluk in Alleppey district.

Table 2(b) Taluk-wise details of Coir workers in Kerala

Sl. No.	Name of Taluk	Number of Coir households	Average of Coir workers per household	Total Coir workers in Kerala		
				Male	Female	Total
1	2	3	4	5	6	7
1.	Neyyattinkara	1305	2	1228	1893	3121
2.	Trivandrum	6841	2	2664	10711	13375
3.	Chirayinkil	12813	2	3195	18952	22147
4.	Quilon	15938	2	4079	20348	24427
5.	Karunagappally	16677	2	3053	24710	27763
6.	Kunnathur	932	2	238	1193	1431
7.	Shertalai	55475	2	12702	91823	104525
8.	Ambalapuzha	26487	2	8395	39023	47418
9.	Kuttanad	46	1	18	50	68
10.	Karthigappally	11587	2	5068	18112	23180
11.	Kottayam	244	1	32	301	333
12.	Vaikom	6602	3	5889	11977	17866
13.	Cochin	6437	2	1582	9123	10705
14.	Kanayannore	2710	2	1020	3869	4889
15.	Paravoor	5924	2	2341	7474	9815
16.	Trichur	427	2	98	600	698
17.	Mukundapuram	711	2	449	817	1266
18.	Chavakkad	1327	2	563	1670	2233
19.	Kodungallur	3414	2	1758	4351	6109
20.	Ernad	1008	2	126	1574	1700
21.	Tirur	5122	2	1095	8091	9186
22.	Ponnani	1954	2	1013	2693	3706
23.	Badagara	1393	2	964	1496	2460
24.	Quilandy	10095	2	844	15307	16151
25.	Kozhikode	14251	2	1162	22716	23878
26.	Tellicherry	545	1	177	583	760
27.	Taliparamba	266	2	152	287	439
28.	Cannanore	1329	2	286	1845	2131
29.	Hosdurg	953	2	410	1204	1614
	State	212813	2	60601	322793	383394

For the purpose of the census, coir workers were classified into main workers and subsidiary workers. For the main workers, major portion of their income is obtained through employment in the coir industry while for subsidiary workers employment in the coir industry is only a secondary source of income. Students are also included in the second category. Table No.3 given below shows that 93.58% of the total coir workers were main workers at the time of the census. The subsidiary workers constituted 6.42% of the total workers.

District-wise analysis of the main and subsidiary workers shows that in the districts of Trivandrum, Quilon, Alleppey, Ernakulam and Trichur more than 90% of the coir workers were main workers thus depending upon coir sector mainly for their livelihood.

Table - 3 District-wise distribution of Main workers and Subsidiary workers

Sl. No.	District	Percentage distribution					
		Main workers			Subsidiary workers		
		Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8
1.	Trivandrum	6731 (94.98)	31354 (99.36)	38085 (98.56)	356 (5.02)	202 (0.64)	558 (1.44)
2.	Quilon	7090 (96.20)	44703 (96.65)	51793 (96.59)	280 (3.80)	1548 (3.35)	1828 (3.41)
3.	Alleppey	24404 (93.21)	140627 (94.38)	165031 (94.20)	1779 (6.79)	8381 (5.62)	10160 (5.80)
4.	Kottayam	4011 (67.74)	11339 (92.35)	15350 (84.35)	1910 (32.26)	939 (7.65)	2849 (15.65)
5.	Ernakulam	4571 (92.47)	20396 (99.66)	24967 (98.26)	372 (7.53)	70 (0.34)	442 (1.74)
6.	Trichur	2643 (92.15)	7006 (94.19)	9649 (93.63)	225 (7.85)	432 (5.81)	657 (6.37)
7.	Malappuram	2092 (93.64)	10901 (88.21)	12993 (89.04)	142 (6.36)	1457 (11.79)	1599 (10.96)
8.	Kozhikode	2723 (91.68)	34062 (86.19)	36785 (86.58)	247 (8.32)	5457 (13.81)	5704 (13.42)
9.	Cannanore	455 (73.98)	2344 (86.34)	2799 (84.05)	160 (26.02)	371 (13.66)	531 (15.95)
10.	Kasaragode	311 (75.85)	1016 (84.39)	1327 (82.22)	99 (24.15)	188 (15.61)	287 (17.78)
	Total	55031 (90.81)	303748 (94.10)	358779 (93.58)	5570 (9.19)	19045 (5.90)	24615 (6.42)

NB: Figures in brackets show percentages.

4.3 Age and Sex composition of Coir workers

The age-sex patterns of coir workers is of significance in formulating welfare measures for coir workers. Of the total coir workers, 84.19% were females and 15.81% were males. The percentage distribution of coir workers according to age and sex shows that nearly 99.1% of the male workers and 99.3% of the female workers were in the age group 15 years and above. Contrary to the general belief children below 15 years of age, both male and female formed only less than 1% of total coir workers. District-wise age distribution of workers shows that the highest percentage (2.92%) of employment below 15 years of age were in Kottayam district. The age-sex patterns of coir workers are given in Table 4.

Table - 4 Percentage distribution of coir workers by age and sex

Sl. District No.	Percentage distribution of coir workers according to age and sex									Total
	<15			>15						
	M	F	T	M	F	T	M	F	T	
1	2	3	4	5	6	7	8	9	10	11
1. Trivandrum		1.48	0.86	0.98	98.52	99.14	99.02	18.34	81.66	100.00
2. Quilon		1.76	0.95	1.06	98.24	99.05	98.94	13.74	86.26	100.00
3. Alleppey		0.34	0.65	0.60	99.65	99.35	99.40	14.95	85.05	100.00
4. Kottayam		3.63	2.58	2.92	96.37	97.42	97.08	32.53	67.47	100.00
5. Ernakulam		0.04	0.05	0.05	99.96	99.95	99.95	19.45	80.55	100.00
6. Trichur		0.14	0.44	0.36	99.86	99.56	99.64	27.83	72.17	100.00
7. Malappuram		0.13	0.65	0.57	99.87	99.35	99.43	15.31	84.69	100.00
8. Kozhikode		0.51	0.30	0.31	99.49	99.70	99.69	6.99	93.01	100.00
9. Cannanore		-	0.15	0.15	100.00	99.82	99.85	18.47	81.53	100.00
10. Kasaragode		-	-	-	100.00	100.00	100.00	25.40	74.60	100.00
State Total		0.93	0.69	0.73	99.07	99.31	99.27	15.81	84.19	100.00

4.4 Occupational Status

Total Coir workers in the State have been classified according to the sector in which they were employed. Each category of activity is given a separate code. They are the following:-

Code	1	- Retting
Code	2	-- Beating
Code	3	- Fibre cleaning
Code	4	- Spinning
Code	5	- Drying & bundling
Code	6	- Works related to manufacturing of coir products
Code	7	- Finishing & packing of coir products
Code	8	- Other works related to coir sector

The major activity in the coir industry in which the workers were engaged was also ascertained in the Census. The spinning sector accounts for 70% of the coir workers and the beating sector around 14%. Only less than 1% of the workers were found to be engaged in the works related to finishing and packing of coir products. The number of coir workers in each district classified by the activity they were engaged is given in Tables 5(a) and 5(b). Details of workers given in Table 5(a) shows that in all districts except Kasaragode, spinning is the activity in which the major proportion of the coir workers, were engaged. While in Kozhikode district as high as 82.48% of the coir workers were engaged in spinning work, the corresponding figure for Kasaragode district was only 27.69%. In Kasaragode district nearly half of the coir workers (48.51%) were engaged in beating of the husk. Table 5(b) shows that spinning and beating are two major activities in which volume of women employment was very high forming nearly 80% of the total coir workers.

Table - 5(a) District-wise Percentage Distribution of Coir workers according to Occupational Status

District	Occupational Status									
	1	2	3	4	5	6	7	8	9	10
	Retting	Beating	Fibre cleaning	Spinning	Drying & bundling	Works related to manufacturing of coir products	Finishing & packing of coir products	Other works related to coir sector	Total	
Trivandrum	5.00	30.75	3.69	53.90	3.45	1.07	0.09	2.05	100.00	
Quilon	6.29	24.92	3.92	55.91	4.50	0.89	0.12	3.45	100.00	
Alleppey	1.79	5.75	0.94	76.70	1.92	10.77	0.58	1.55	100.00	
Kottayam	3.51	15.18	0.50	76.76	1.93	0.96	0.03	1.13	100.00	
Ernakulam	5.97	21.64	4.61	62.65	2.75	1.24	0.09	1.05	100.00	
Trichur	12.28	23.94	5.91	54.52	1.66	0.57	0.04	1.08	100.00	
Malappuram	7.48	12.67	3.47	74.48	0.68	0.66	0.03	0.53	100.00	
Kozhikode	4.79	10.53	0.94	82.48	0.52	0.42	0.03	0.29	100.00	
Cannanore	13.63	33.85	1.11	49.73	0.42	0.81	0.12	0.33	100.00	
Kasaragode	19.95	48.51	1.43	27.69	1.86	0.25	0.06	0.25	100.00	
State Total	4.11	14.16	2.09	70.08	2.27	5.38	0.31	1.60	100.00	

TABLE - 5(b) PERCENTAGE DISTRIBUTION OF COIR WORKERS ACCORDING TO SEX AND CATEGORY OF WORK

Sl. No.	Name of District	Retting		Beating		Fibre cleaning		Spinning		Drying and bundling	
		M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12
1.	Trivandrum	4.66	0.34	0.68	30.07	2.67	1.02	4.90	48.99	2.83	0.63
2.	Quilon	4.53	1.76	0.56	24.35	2.95	0.97	1.59	54.32	2.78	1.72
3.	Alleppey	1.71	0.08	0.21	5.55	0.64	0.29	1.42	75.28	1.03	0.89
4.	Kottayam	3.46	0.05	0.34	14.84	0.45	0.06	25.80	50.95	0.83	1.11
5.	Ernakulam	4.33	1.64	0.84	20.80	0.95	3.66	9.91	52.74	1.81	0.94
6.	Trichur	9.73	2.55	3.11	20.82	1.62	4.29	11.41	43.11	0.82	0.84
7.	Malappuram	7.20	0.28	0.82	11.86	1.94	1.53	4.09	70.39	0.33	0.34
8.	Kozhikode	3.70	1.09	0.23	10.30	0.16	0.78	2.13	80.35	0.36	0.17
9.	Cannanore	7.48	6.16	3.81	30.03	0.33	0.78	6.01	43.72	0.15	0.27
10.	Kasaragode	18.40	1.55	1.30	47.21	0.43	0.99	4.15	23.54	0.74	1.13
	Total	3.42	0.69	0.48	13.67	1.20	0.89	4.02	66.07	1.38	0.88

(Table 5(b) contd..)

Sl. No.	Name of District	Works re-lated manu-facturing of coir products		Finishing & packing of coir products		Other works related to coir sector		Percentage distribution of workers according to sex		
		M	F	M	F	M	F	M	F	T
1	2	13	14	15	16	17	18	19	20	21
1.	Trivandrum	0.65	0.39	0.06	0.03	1.86	0.19	18.34	81.66	100.00
2.	Quilon	0.60	0.29	0.09	0.04	0.65	2.80	13.74	86.26	100.00
3.	Alleppey	8.69	2.07	0.50	0.09	0.75	0.80	14.95	85.05	100.00
4.	Kottayam	0.82	0.13	0.02	0.02	0.87	0.31	32.53	67.47	100.00
5.	Ernakulam	1.05	0.19	0.07	0.02	0.50	0.55	19.45	80.55	100.00
6.	Trichur	0.44	0.14	0.03	0.01	0.67	0.41	27.83	72.17	100.00
7.	Malappuram	0.56	0.10	0.03	0.01	0.34	0.19	15.31	84.69	100.00
8.	Kozhikode	0.25	0.17	0.01	0.02	0.16	0.13	6.99	93.01	100.00
9.	Cannanore	0.09	0.03	0.12	-	0.48	0.54	18.47	81.53	100.00
10.	Kasaragode	0.06	0.19	0.06	-	0.25	-	25.40	74.60	100.00
	Total	4.30	1.07	0.26	0.05	0.75	0.87	15.81	84.19	100.00

4.5 Activity Status

The activity status of coir workers was determined on the basis of the nature of their employment. Accordingly the coir workers were classified into employees and self employed. An 'employee' is one who is engaged in a unit for wages or salary in cash or kind. A self employed person is an own account worker engaged, in his own household unit with or without the help of the household members. About 50.10% of the coir workers were found to be self employed and 49.90% of them were employees of other units. Distribution of coir workers according to the nature of their employment is furnished in Table 6.

Table - 6 Percentage Distribution of Coir workers according to activity Status

Sl. District No.	Percentage Distribution		
	Employee	Self employed	Total
1	2	3	4
			5
1. Trivandrum	84.61	15.39	100.00
2. Quilon	64.66	35.34	100.00
3. Alleppey	29.29	70.71	100.00
4. Kottayam	68.31	31.69	100.00
5. Ernakulam	68.16	31.84	100.00
6. Trichur	51.91	48.09	100.00
7. Malappuram	43.39	56.61	100.00
8. Kozhikode	67.20	32.80	100.00
9. Cannanore	58.38	41.62	100.00
10. Kasaragode	44.61	55.39	100.00
State total	49.90	50.10	100.00

4.6 Educational Standard of Coir workers

While identifying the actual coir workers, enquiries were made of the educational attainments of the coir workers. The tabulated figures of these aspects are furnished in Table 7. This shows that about 23.83%

of the coir workers were illiterate, 44.76% educated at Lower Primary level and 21.61% attained Upper Primary education. Only 8.58% had reached Secondary education level. Those who had above secondary level formed only 1.22%. The percentage of illiterate coir workers is the highest (39.17) in Malappuram District and the lowest (11.42) in Kottayam District. So also the percentage of coir workers who have educated above secondary level is 2.50% in Kottayam district while it is less than 1% in the districts of Malappuram, Kozhikode, Cannanore and Kasaragode.

Table - 7 Percentage distribution of coir workers by Educational Status

Sl. District No.	Percentage Distribution					Total	
	Illiterate	L.P.	U.P.	Secondary	Above secondary		
1	2	3	4	5	6	7	8
1. Trivandrum		33.81	29.07	19.48	15.68	1.95	100.00
2. Quilon		23.49	38.69	23.76	12.39	1.67	100.00
3. Alleppey		20.42	48.9%	22.47	7.20	0.93	100.00
4. Kottayam		11.42	41.55	34.65	9.88	2.50	100.00
5. Ernakulam		16.54	47.21	23.66	10.65	1.94	100.00
6. Trichur		23.12	39.29	24.65	11.42	1.52	100.00
7. Malappuram		39.17	41.61	15.37	3.38	0.47	100.00
8. Kozhikode		32.44	50.52	13.50	3.09	0.49	100.00
9. Cannanore		37.48	51.56	7.96	2.76	0.24	100.00
10. Kasaragode		32.28	59.98	6.75	0.93	0.06	100.00
State total,		23.83	44.76	21.61	8.58	1.22	100.00

4.7 Distribution of coir worker households by residential houses owned.

The district-wise distribution of coir workers households according to ownership of residential houses is given in Table 8. It shows that about 96.69% of the households were owning houses and the remaining 3.31% of the households were not having own houses. The figures furnished in the table shows that about 97% of the coir worker households in the State had their own houses for residential purposes.

Table - 8 District-wise Percentage distribution of coir workers households according to ownership of residential houses

Sl. District No.	Percentage Distribution			Total
	Owned		Not owned	
1	2	3	4	5
1. Trivandrum		90.83	9.17	100.00
2. Quilon		93.63	6.37	100.00
3. Alleppey		97.71	2.29	100.00
4. Kottayam		98.45	1.55	100.00
5. Ernakulam		98.75	1.25	100.00
6. Trichur		96.77	3.23	100.00
7. Malappuram		99.44	0.56	100.00
8. Kozhikode		99.55	0.45	100.00
9. Cannanore		94.07	5.93	100.00
10. Kasaragode		92.03	7.97	100.00
State Total		96.69	3.31	100.00

4.8 Type of Roof of residential houses

Percentage distribution of households according to the material of roof of their houses shows that about 53% of the households had houses made of thatched roof and 47% were of tiles. Less than 1% of the households had concreted roofs. The tabulated figures are given in Table 9.

Table - 9 Percentage Distribution of Coir worker households according to type of roof of houses

Sl. District No.	Percentage Distribution			Total	
	Thatched	Tiles	Concrete		
1	2	3	4	5	6
1. Trivandrum		83.10	15.28	1.62	100.00
2. Quilon		62.00	36.24	1.76	100.00
3. Alleppey		48.46	51.17	0.37	100.00
4. Kottayam		38.40	61.22	0.38	100.00
5. Ernakulam		25.69	73.23	1.08	100.00
6. Trichur		56.57	42.61	0.82	100.00
7. Malappuram		57.89	41.42	0.69	100.00
8. Kozhikode		51.38	47.77	0.85	100.00
9. Cannanore		20.89	78.18	0.93	100.00
10. Kasaragode		30.75	68.00	1.25	100.00
Total		52.65	46.50	0.85	100.00

4.9 Distribution of households according to Plinth area of residential houses

The distribution of households according to plinth area of houses shows that about 85% of the households were having residential houses with only less than 500 Sq.ft. of plinth area. Households having a plinth area in the range of 500 - 1000 Sq.ft. formed 13.68% and 1% of the households possessed houses with a plinth area of above 1000 Sq.ft. The figures are provided in Table 10.

Table - 10 Percentage distribution of coir worker households according to plinth area of residential houses

Sl. District No.	Percentage Distribution			Total	
	<500Sq.ft.	500-1000 Sq.ft.	>1000 Sq.ft.		
1	2	3	4	5	6
1. Trivandrum	87.42	10.93	1.65	100.00	
2. Quilon	86.21	12.83	0.96	100.00	
3. Alleppey	83.67	15.10	1.23	100.00	
4. Kottayam	94.67	5.08	0.25	100.00	
5. Ernakulam	88.96	10.73	0.31	100.00	
6. Trichur	69.99	28.53	1.48	100.00	
7. Malappuram	64.39	34.87	0.74	100.00	
8. Kozhikode	95.45	4.43	0.12	100.00	
9. Cannanore	75.23	22.76	2.01	100.00	
10. Kasaragode	66.53	32.42	1.05	100.00	
Total	85.32	13.68	1.00	100.00	

4.10 Income distribution of coir households

The income of the coir worker households from coir works and other sources were considered for this purpose. The percentage distribution of total income of the coir worker households by sources is given in Table 11. It shows that 48.17% of the income was from coir sector and 51.83% from other sources. The income distribution given in table 12 reveals that the average monthly income of a coir household from coir sector was Rs.97.77. The corresponding figure from other sources was Rs.105.18. Wages of the coir workers are comparatively low. Average monthly income of a coir worker from the coir sector was

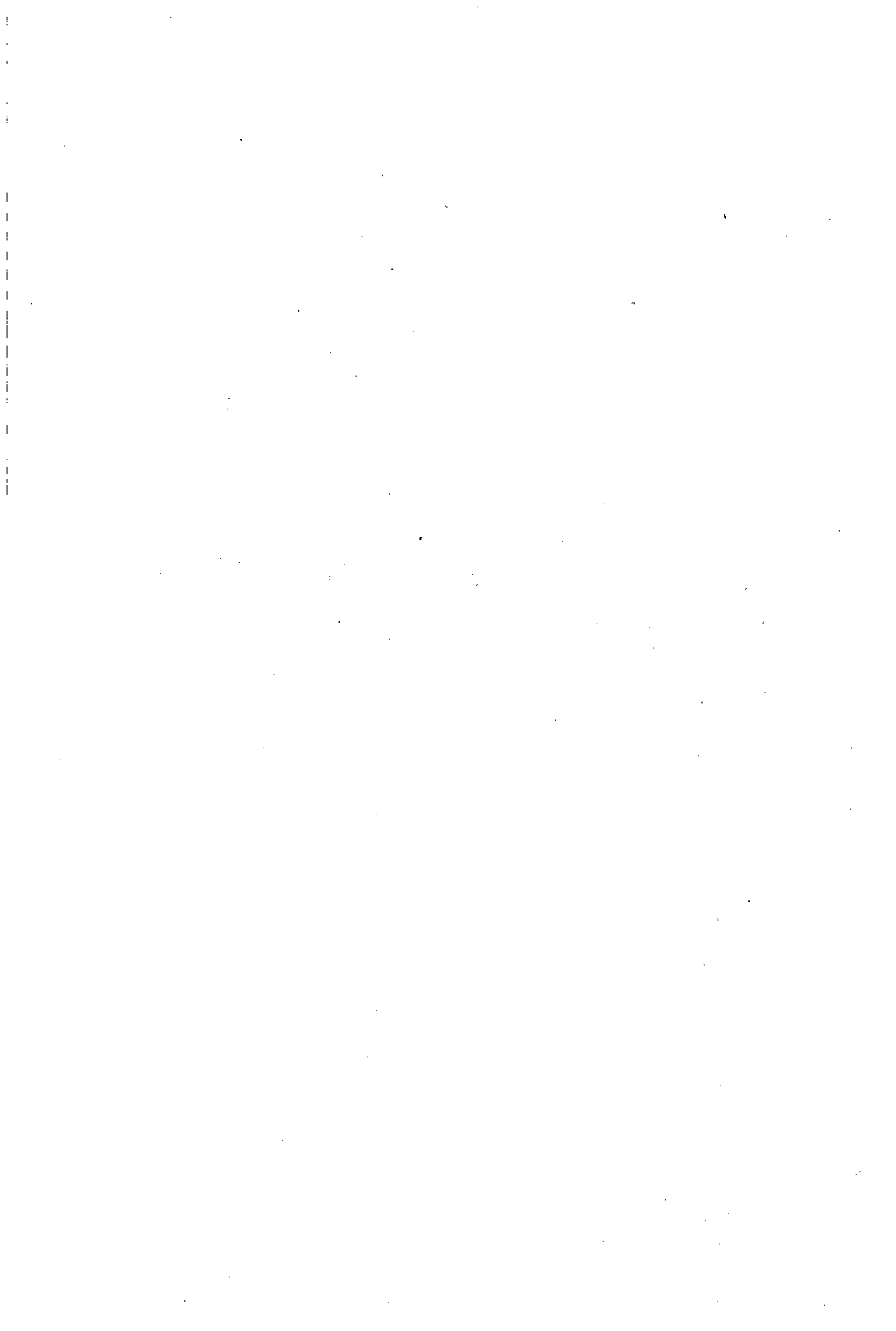
Rs.54.27 and the same from other sources was Rs.58.38. District-wise analysis of the average monthly income of the coir worker households from coir sector and other works shows that the average monthly income obtained from coir sector per household is the highest in Trivandrum District (Rs.183.40) and the lowest in Kozhikode District (Rs.70.33). Kasaragode District accounts for the highest average monthly income of the coir worker households (Rs.331.31). This includes income from coir sector as well as others. The corresponding figures for Kottayam district is only Rs.148.51 which is the lowest. The low average monthly income of the coir households may be due to high burden of dependancy in these households.

Table - 11 Percentage distribution of income of the coir worker households by source

Sl. No.	District	No. of households	Total coir workers	Source		
				Coir	Others	Total
1	2	3	4	5	6	7
1.	Trivandrum	20959	38643	62.82	37.18	100.00
2.	Quilon	33547	53621	61.76	38.24	100.00
3.	Alleppey	93595	175191	42.04	57.96	100.00
4.	Kottayam	6846	18199	51.81	48.19	100.00
5.	Ernakulam	15071	25409	40.82	59.18	100.00
6.	Trichur	5879	10306	59.60	40.40	100.00
7.	Malapuram	8084	14592	40.32	59.68	100.00
8.	Kozhikode	25739	42489	39.98	60.02	100.00
9.	Cannanore	2140	3330	50.21	49.79	100.00
10.	Kasaragode	953	1614	39.32	60.68	100.00
	State total	212813	383394	48.17	51.83	100.00

Table - 12 Average Monthly Income of Coir worker households
by Source of Income

Sl. No.	District	No. of Coir worker households	Source of Income (in Rs.)		
			Coir	Others	Total
1	2	3	4	5	6
1.	Trivandrum	20959	183.40	108.55	291.94
2.	Quilon	33547	107.82	66.77	174.59
3.	Alleppey	93595	85.74	118.18	203.91
4.	Kottayam	6846	76.95	71.56	148.51
5.	Ernakulam	15071	73.70	106.86	180.56
6.	Trichur	5879	145.12	98.34	243.46
7.	Malappuram	8084	84.35	124.84	209.19
8.	Kozhikode	25739	70.33	105.59	175.92
9.	Cannanore	2140	99.58	98.76	198.34
10.	Kasaragode	953	130.28	201.03	331.31
	State	212813	97.77	105.18	202.95



Taluk-wise distribution of population and number of coir workers in the coir worker households

Name of District/ Taluk	No. of coir worker households		Population in the coir worker households		Total coir workers			
	1	2	3	4	5	6	7	8
1. Trivandrum								
Neyyattinkara	1305	2882	3079	5961	1228	1893	3121	
Trivandrum	6841	15894	18446	34340	2664	10711	13375	
Chirayinkil	12813	26147	33300	59447	3195	18952	22147	
Total	20959	44923	54825	99748	7087	31556	38643	
2. Quilon								
Quilon	15938	35210	39633	74843	4099	20348	24427	
Karunagappally	16677	41865	45076	86941	3053	24710	27763	
Kunnathoor	932	2135	2417	4552	238	1193	1431	
Total	33547	79210	87126	166336	7370	46251	53621	
3. Alleppey								
Shertallai	55475	136536	145140	281676	12702	91823	104525	
Ambalapuzha	26487	64899	70621	135520	8395	39023	47418	
Kuttanad	46	112	127	239	18	50	68	
Karthikapally	11587	26232	30977	57209	5068	18112	23180	
Total	93595	227779	246865	474644	26183	149008	175191	
4. Kottayam								
Kottayam	244	603	671	1274	32	301	333	
Vaikom	6602	16998	17807	34805	5889	11977	17866	
Total	6846	17601	18478	36079	5921	12278	18199	
5. Ernakulam								
Cochin	6437	17160	18969	36129	1582	9123	10705	
Kanayannur	2710	7065	7749	14814	1020	3869	4889	

(contd.)

	1	2	3	4	5	6	7	8
Paravoor		5924	15033	16925	31958	2341	7474	9815
Total		15071	39258	43643	82901	4943	20466	25409
6. Trichur								
Trichur		427	1044	1267	2311	98	600	698
Mukundapuram		711	1747	2166	3913	449	817	1266
Chavakkadu		1327	3457	4051	7508	563	1670	2233
Kodungalloor		3414	8737	9794	18531	1758	4351	6109
Total		5879	14985	17278	32263	2868	7438	10306
7. Malappuram								
Eranad		1008	2729	2871	5600	126	1574	1700
Tirur		5122	15328	16916	32244	1095	8091	9186
Ponnani		1954	6751	6230	12981	1013	2693	3706
Total		8084	24808	26017	50825	2234	12358	14592
8. Kozhikode								
Badagara		1393	4143	4251	8394	964	1496	2460
Guilandy		10095	26717	30181	56898	844	15307	16151
Kozhikode		14251	37551	42510	80061	1162	22716	23878
Total		25739	68411	76942	145353	2970	39519	42489
9. Cannanore								
Tellicherry		545	1620	1935	3555	177	583	760
Taliparamba		266	784	869	1653	152	287	439
Cannanore		1329	3726	4557	8283	286	1845	2131
Total		2140	6130	7361	13491	615	2715	3330
10. Kasaragod								
Hosdurg		953	2676	3198	5874	410	1204	1614
State Total		212813	525781	581733	1107514	60601	322793	383394

Distribution of population in coir worker households and coir workers

Name of District/Taluk	No of coir worker households			Population in the coir worker household			Total coir workers			Main workers			Sub-workers			
	2	3	4	Male	Female	Total	5	6	7	8	9	10	11	12	13	14
1. Trivandrum																
Neyyattinkara	1305	2882	3079	1228	1893	3121	1129	1861	2990	99	32	131				
Trivandrum	6841	15894	18446	2664	10711	13375	2492	10661	13153	172	50	222				
Chirayinkil	12813	26147	33300	3195	18952	22147	3110	18832	21942	85	120	205				
Total	20959	44923	54825	7087	31556	38643	6731	31354	38085	356	202	558				
2. Quilon																
Quilon	15938	35210	39633	4079	20348	24427	4047	20308	24355	32	40	72				
Karunagappally	16677	41865	45076	3053	24710	27763	2805	23202	26007	248	1508	1756				
Kunnathoor	932	2135	2417	238	1193	1431	238	1193	1431	-	-	-				
Total	33547	79210	87126	7370	46251	53621	7090	44703	51793	280	1548	1828				
3. Alleppey																
Shertallai	55475	136536	145140	12702	91823	104525	11395	84763	96158	1307	7060	8367				
Ambalapuzha	26487	64899	70621	8395	39023	47418	8337	37874	46211	58	1149	1207				
Kuttanad	46	112	127	18	50	68	16	48	64	2	2	4				
Karthikappally	11587	26232	30977	5068	18112	23180	4656	17942	22598	412	170	582				
Total	93595	227779	246865	26183	149008	175191	24404	140627	165031	1779	8381	10160				
4. Kottayam																
Kottayam	244	603	671	32	301	333	22	245	267	10	56	66				
Vaikom	6602	16998	17807	5889	11977	17866	3989	11094	15083	1900	883	2783				
Total	6846	17601	18478	5921	12278	18199	4011	11339	15350	1910	939	2849				
5. Ernakulam																
Cochin	6437	17160	18969	1582	9123	10705	1556	9105	10661	26	18	44				
Kanayannoor	2710	7065	7749	1020	3869	4889	740	3845	4585	280	24	304				

(contd.)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Patavoor	5924	15033	16925	16925	31958	2341	7474	9815	2275	7446	9721	66	28	94
Total	15071	39258	43643	43643	82501	4943	20466	25409	4571	20396	24967	372	70	442
6. Trichur														
Trichur	427	1044	1267	1267	2311	98	600	698	83	579	662	15	21	36
Mukundapuram	711	1747	2166	2166	3913	449	817	1266	448	817	1265	1	-	1
Chavakkadu	1327	3457	4051	4051	7508	563	1670	2233	447	1440	1887	116	230	346
Kodungalloor	3414	8737	9794	9794	18531	1758	4351	6109	1665	4170	5835	93	181	274
Total	5879	14985	17278	17278	32263	2868	7438	10306	2643	7006	9649	225	432	657
7. Malappuram														
Eranad	1008	2729	2871	2871	5600	126	1574	1700	126	1560	1686	-	14	14
Tirur	5122	15328	16916	16916	32244	1095	8091	9186	969	6717	7686	126	1374	1500
Ponnani	1954	6751	6230	6230	12981	1013	2693	3706	997	2624	3621	16	69	85
Total	8084	24808	26017	26017	50825	2234	12358	14592	2092	10901	12993	142	1457	1599
8. Kozhikode														
Badagara	1393	4143	4251	4251	8394	964	1496	2460	886	1255	2141	78	241	319
Guilandy	10095	26717	30181	30181	56898	844	15307	16151	767	14689	15456	77	618	695
Kozhikode	14251	37551	42510	42510	80061	1162	22716	23878	1070	18118	19188	92	4598	4690
Total	25739	68411	76942	76942	145353	2970	39519	42489	2723	34062	36785	247	5457	5704
9. Cannanore														
Tellicherry	545	1620	1935	1935	3555	177	583	760	170	576	746	7	7	14
Taliparamba	266	784	869	869	1653	152	287	439	30	83	113	122	204	326
Cannanore	1329	3726	4557	4557	8283	286	1845	2131	255	1685	1940	31	160	191
Total	2140	6130	7361	7361	13491	615	2715	3330	455	2344	2799	160	371	531
10. Kasaragod														
Hosdurg	953	2676	3198	3198	5874	410	1204	1614	311	1016	1327	99	188	287
State Total	212813	525781	581733	581733	1107514	60601	322793	383394	55031	303748	358779	5570	19045	24615

Distribution of coir workers according to sex and age

Name of District/ Taluk	No. of coir workers household	Population in the coir workers household	Distribution of coir workers according to sex and age										
			below 15 years					above 15 years					Total
			Male	Female	Total	Male	Female	Total	Male	Female	Total		
1	2	3	4	5	6	7	8	9	10				
1. Trivandrum													
Neyyattinkara	1305	5961	17	19	36	1112	1842	2954	2990				
Trivandrum	6841	34340	29	90	119	2463	10571	13034	13153				
Chirayinkil	12813	59447	49	132	181	3061	18700	21761	21942				
Total	20959	99748	95	241	336	6636	31113	37749	38085				
2. Quilon													
Quilon	15938	74843	2	27	29	4045	20281	24326	24355				
Karunagappally	16677	86941	7	93	100	2798	23109	25907	26007				
Kunnathur	932	4552	-	-	-	238	1193	1431	1431				
Total	33547	166336	9	120	129	7081	44583	51664	51793				
3. Alleppey													
Sheratalai	55475	281676	18	154	172	11377	84609	95986	96158				
Ambalapuzha	26487	135520	5	96	101	8332	37778	46110	46211				
Kuttanad	46	239	-	-	-	16	48	64	64				
Karthikappally	11587	57209	6	41	47	4650	17901	22551	22598				
Total	93595	474644	29	291	320	24375	140336	164711	165031				
4. Kottayam													
Vaikom	6602	34805	27	74	101	3962	11020	14982	15083				
Kottayam	244	1274	-	-	-	22	245	267	267				
Total	6846	36079	27	74	101	3984	11265	15249	15350				
5. Ernakulam													
Cochin	6437	36129	1	4	5	1555	9101	10656	10661				
Kanayannur	2710	14814	-	-	-	740	3845	4585	4585				
Paravoor	5924	31958	1	7	8	2274	7439	9713	9721				
Total	15071	82901	2	11	13	4569	20385	24954	24967				

(Appendix 3 contd.)

Name of District/ Taluk	Sub workers											
	below 15 years				above 15 years				Total		All	
	Male	Female	Total		Male	Female	Total		Male	Female	Total	
1	11	12	13	14	15	16	17	18	19	20		
1. Triyandrum												
Neyyattinkara	1	9	10	98	23	121	131	1228	1893	3121		
Trivandrum	-	-	-	172	50	222	222	2664	10711	13375		
Chirayinkil	9	22	31	76	98	174	205	3195	18952	22147		
Total	10	31	41	346	171	517	558	7087	31556	38643		
2. Quilon												
Quilon	1	-	1	31	40	71	72	4079	20348	24427		
Karunagappally	120	318	438	128	1190	1318	1756	3053	24710	27763		
Kunnathur	-	-	-	-	-	-	-	238	1193	1431		
Total	121	318	439	159	1230	1389	1828	7370	46251	53621		
3. Alleppey												
Shertalai	42	595	637	1265	6465	7730	8367	12702	91823	104525		
Ambalapuzha	3	42	45	55	1107	1162	1207	8395	39023	47418		
Kuttanad	-	-	-	2	2	4	4	18	50	68		
Karthikappally	16	36	52	396	134	530	582	5068	18112	23180		
Total	61	673	734	1718	7708	9426	10160	26183	149008	175191		
4. Kottayam												
Vaikom	187	243	430	1713	640	2353	2783	5889	11977	17866		
Kottayam	1	-	1	9	56	65	66	32	301	333		
Total	188	243	431	1722	696	2418	2849	5921	12278	18199		
5. Ernakulam												
Cochin	-	-	-	26	18	44	44	1582	9123	10705		
Kanayannur	-	-	-	280	24	304	304	1020	3869	4889		
Paravoor	-	-	-	66	28	94	94	2341	7474	9815		
Total	-	-	-	372	70	442	442	4943	20466	25409		

(contd.)

(Appendix 3 contd.)

	1	2	3	4	5	6	7	8	9	10
6. Trichur										
Trichur	427	2311	-	-	-	83	579	662	662	662
Mukundapuram	711	3913	2	7	9	446	810	1256	1256	1265
Chavakkadu	1327	7508	-	1	1	447	1439	1886	1886	1887
Kodungalloor	3414	18531	2	23	25	1663	4147	5810	5810	5835
Total	5879	32263	4	31	35	2639	6975	9614	9614	9649
7. Malappuram										
Ernad	1003	5600	-	-	-	126	1560	1686	1686	1686
Tirur	5122	32244	1	68	69	968	6649	7617	7617	7686
Ponnani	1954	12981	1	6	7	996	2613	3614	3614	3621
Total	8084	50825	2	74	76	2090	10827	12917	12917	12993
8. Kozhikode										
Badagara	1393	8394	4	2	6	882	1253	2135	2135	2141
Quilandy	10095	56898	0	9	9	767	14680	15447	15447	15456
Kozhikode	14251	80061	7	27	34	1063	18091	19154	19154	19188
Total	25739	145353	11	38	49	2712	34024	36736	36736	36785
9. Cannanore										
Tellicherry	545	3555	-	1	1	170	575	745	745	746
Taliparmba	266	1653	-	-	-	30	83	113	113	113
Cannanore	1329	8283	-	4	4	255	1681	1936	1936	1940
Total	2140	13491	-	5	5	455	2339	2794	2794	2799
10. Kasaragod										
Hosdurg	953	5874	-	-	-	311	1016	1327	1327	1327
State Total	212813	1407514	179	885	1064	54852	302863	357715	357715	358779

(contd.)

	11	12	13	14	15	16	17	18	19	20
6. Trichur										
Trichur	-	-	-	15	21	36	36	98	600	698
Mukundapuram	-	-	-	1	-	1	1	449	817	1266
Chavakkadu	-	-	-	116	230	346	346	563	1670	2233
Kodungalloor	-	2	2	93	179	272	274	1758	4351	6109
Total	-	2	2	225	430	655	657	2868	7438	10306
7. Malappuram										
Eranad	-	-	-	-	14	14	14	126	1574	1700
Tirur	1	6	7	125	1368	1493	1500	1095	8091	9186
Ponnani	-	-	-	16	69	85	85	1013	2693	3706
Total	1	6	7	141	1451	1592	1599	2234	12358	14592
8. Kozhikode										
Badagara	0	3	3	78	238	316	319	964	1496	2460
Quilandy	0	5	5	77	613	690	695	844	5307	16151
Kozhikode	4	72	76	88	4526	4614	4690	1162	22716	23878
Total	4	80	84	243	5377	5620	5704	2970	39519	42489
9. Cannanore										
Tellicherry	-	-	-	7	7	14	14	177	583	760
Taliparamba	-	-	-	122	204	326	326	152	287	439
Cannanore	-	-	-	31	160	191	191	286	1845	2131
Total	-	-	-	160	371	531	531	615	2715	3330
10. Kasaragod										
Hosdurg	-	-	-	99	188	287	287	410	1204	1614
State Total	385	1353	1738	5185	17692	22877	24615	60601	322793	383394

Distribution of coir workers according to occupational status

Name of District/Taluk	Total coir workers				Retting				Beating				Fibre cleaning				Spinning	
	Male		Total		Male		Female		Male		Female		Male		Female		Male	Female
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
1. Trivandrum																		
Neyyattinkara	1228	1893	3121	211	23	234	103	714	817	31	19	50	814	1108	1922			
Trivandrum	2664	10711	13375	712	32	744	60	3258	3318	303	191	494	757	7067	7824			
Chirayinkil	3195	18952	22147	878	77	955	101	7648	7749	698	183	881	324	10757	11081			
Total	7087	31556	38643	1801	132	1933	264	11620	11884	1032	393	1425	1895	18932	20827			
2. Quilon																		
Quilon	3053	24710	27763	730	908	1638	170	5191	5361	561	433	994	393	16206	16599			
Karunagappally	4079	20348	24427	1586	35	1621	129	7406	7535	927	89	1016	444	12189	12633			
Kunnathur	238	1193	1431	113	2	115	2	460	462	94	-	94	18	731	749			
Total	7370	46251	53621	2429	945	3374	301	13057	13358	1582	522	2104	855	29126	29981			
3. Alleppey																		
Shertalai	12702	91823	104525	1019	47	1066	63	7528	7591	465	46	511	1748	81825	83573			
Ambalapuzha	8395	39023	47418	24	55	79	1	27	28	50	251	301	117	34912	35029			
Kuttanad	48	50	68	-	-	-	-	-	-	1	-	1	15	50	65			
Karthikappally	5068	18112	23180	1950	40	1990	299	2161	2460	610	216	826	608	15089	15697			
Total	26183	149008	175191	2993	142	3135	363	9716	10079	1126	513	1639	2488	131876	134364			
4. Kollayam																		
Vaikom	5889	11977	17866	626	10	636	58	2695	2753	81	11	92	4671	8978	13649			
Kollayam	32	301	333	3	-	3	4	6	10	-	-	-	25	295	320			
Total	5921	12278	18199	629	10	639	62	2701	2763	81	11	92	4696	9273	13969			
5. Ernakulam																		
Cochin	1582	9123	10705	347	36	383	47	1271	1318	126	510	636	631	7047	7678			
Kanayannur	1020	3869	4889	110	27	137	42	865	907	15	222	237	552	2724	3276			
Paravoor	2341	7474	9815	643	354	997	124	3149	3273	100	199	299	1334	3630	4964			
Total	4943	20466	25409	1100	417	1517	213	5285	5498	241	931	1172	2517	13401	15918			

(contd.)

1	Drying & bundling		Works related to manufacturing of coir products				Finishing & packing of coir products				Other works related to coir sector				Total			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1. Trivandrum																		
Neyyattinkara	9	10	19	11	13	24	2	-	2	47	6	53	1228	1893	3121			
Trivandrum	163	65	228	100	54	154	7	4	11	562	40	602	2664	10711	13375			
Chirayinkil	919	169	1088	151	84	235	14	7	21	110	27	137	3195	18952	22147			
Total	1091	244	1335	262	151	413	23	11	34	719	73	792	7087	31556	38643			
2. Quilon																		
Quilon	695	465	1160	195	126	321	37	12	49	66	26	92	4079	20348	24427			
Karunagappally	783	459	1242	128	30	158	8	5	13	280	1478	1758	3053	24710	27763			
Kunnathur	10	-	10	-	-	-	1	-	1	-	-	-	238	1193	1431			
Total	1488	924	2412	323	156	479	46	17	63	346	1504	1850	7370	46251	53621			
3. Alleppey																		
Shertalai	482	636	1118	7883	1318	9201	253	93	346	789	330	1119	12702	91823	104525			
Ambalapuzha	159	516	675	7227	2258	9485	598	65	663	219	939	1158	8395	39023	47418			
Kuttanad	-	-	-	1	-	1	1	-	1	-	-	-	18	50	68			
Karthikappally	1152	411	1563	120	59	179	17	1	18	312	135	447	5068	18112	23180			
Total	1793	1563	3356	15231	3635	18866	869	159	1028	1320	1404	2724	26183	149008	175191			
4. Kottayam																		
Vaikom	151	201	352	150	24	174	4	1	5	148	57	205	5889	11977	17866			
Kottayam	-	-	-	-	-	-	-	-	-	-	-	-	32	301	333			
Total	151	201	352	150	24	174	4	1	5	148	57	205	5921	12278	18199			
5. Ernakulam																		
Cochin	158	206	364	205	39	244	15	3	18	53	11	64	1582	9123	10705			
Kanayannur	250	16	266	34	9	43	2	-	2	15	6	21	1020	3869	4889			
Paravoor	52	18	70	28	1	29	2	-	2	58	123	181	2341	7474	9815			
Total	460	240	700	267	49	316	19	3	22	126	140	266	4943	20466	25409			

(contd.)

(appendix 4(a) contd.)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
6. Trichur																
Trichur	98	600	698	31	31	1	32	19	325	344	3	-	3	14	259	273
Mukundapuram	449	817	1266	160	160	30	190	41	421	462	43	73	116	194	289	483
Chavakkadu	563	1670	2233	245	245	44	289	153	445	598	6	33	39	126	1118	1244
Kodungalloor	1758	4351	6109	567	567	188	755	108	955	1063	115	336	451	842	2777	3619
Total	2868	7438	10306	1003	1003	263	1266	321	2146	2467	167	442	609	1176	4443	5619
7. Malappuram																
Eranad	126	1574	1700	81	81	-	81	5	18	23	23	49	72	7	1503	1510
Tirur	1095	8091	9186	597	597	31	628	56	1342	1398	74	103	177	250	6554	6804
Ponnani	1013	2693	3706	372	372	10	382	58	370	428	186	71	257	340	2215	2555
Total	2234	12358	14592	1050	1050	41	1091	119	1730	1849	283	223	506	597	10272	10869
8. Kozhikode																
Badagara	964	1496	2460	266	266	309	575	25	579	604	14	167	181	622	424	1046
Guilandy	844	15307	16151	640	640	3-	670	20	1766	1786	37	19	56	62	13482	13544
Kozhikode	1162	22716	23878	665	665	125	790	51	2030	2081	18	144	162	219	20236	20455
Total	2970	39519	42489	1571	1571	464	2035	96	4375	4471	69	330	399	903	34142	35045
9. Cannanore																
Tellicherry	177	583	760	82	82	24	106	38	414	452	7	13	20	38	118	156
Talipatamba	152	287	439	99	99	76	175	5	180	185	3	4	7	43	21	64
Cannanore	286	1845	2131	68	68	105	173	84	406	490	1	9	10	119	1317	1436
Total	615	2715	3330	249	249	205	454	127	1000	1127	11	26	37	200	1456	1656
10. Kasaragod																
Hosdurg	410	1204	1614	297	297	25	322	21	762	783	7	16	23	67	380	447
State Total	60601	322793	383394	13122	13122	2644	15766	1887	52392	54279	4599	3407	8006	15394	253301	268695

(contd.)

	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
6. Trichur															
Trichur	1	-	1	-	-	-	-	-	-	30	15	45	98	600	698
Mukundapuram	8	1	9	1	-	1	1	-	1	1	3	4	449	817	1266
Chavakkadu	8	7	15	1	1	2	-	-	-	24	22	46	563	1670	2233
Kodungalloor	67	79	146	43	13	56	2	1	3	14	2	16	1758	4351	6109
Total	84	87	171	45	14	59	3	1	4	69	42	111	2868	7438	10306
7. Malappuram															
Eranad	4	4	8	6	-	6	-	-	-	-	-	-	126	1574	1700
Tirur	35	43	78	67	9	76	4	-	4	12	9	21	1095	8091	9186
Ponnani	10	3	13	9	5	14	-	1	1	38	18	56	1013	2693	3706
Total	49	50	99	82	14	96	4	1	5	50	27	77	2234	12358	14592
8. Kozhikode															
Badagara	19	8	27	13	2	15	1	3	4	4	4	8	964	1496	2460
Guilandy	49	2	51	17	8	25	-	-	-	19	-	19	844	15307	16151
Kozhikode	84	61	145	75	64	139	4	5	9	46	51	97	1162	22716	23878
Total	152	71	223	105	74	179	5	8	13	69	55	124	2970	39519	42489
9. Cannanore															
Tellicherry	2	1	3	-	-	-	-	-	-	10	13	23	177	583	760
Taliparamba	1	-	1	-	1	1	-	-	-	1	5	6	152	287	439
Cannanore	2	8	10	3	-	3	4	-	4	5	-	5	286	1845	2131
Total	5	9	14	3	1	4	4	-	4	16	18	34	615	2715	3330
10. Kasaragod															
Hosdurg	12	18	30	1	3	4	1	-	1	4	-	4	410	1204	1614
State Total	5285	3407	8692	16469	4121	20590	978	201	1179	2867	3320	6187	60601	322793	383394

Appendix - IV(b) Distribution of main coir workers according to occupational status

Sl. No.	Name of Taluk	No. of house-hold	Population in the workers coir workers household					Retting		Beating		Fibre cle- aning		Spinning		Drying and bundling	
			Male	Female	Total	M	F	M	F	M	F	M	F	M	F		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
1. Trivandrum																	
	Neyyattinkara	1305	2882	3079	5961	206	23	95	704	30	19	733	1086	9	10		
	Trivandrum	6841	15894	18446	34340	662	31	58	3238	302	188	674	7043	163	65		
	Chirayinkil	12813	26147	33300	59447	858	77	99	7595	666	174	311	10710	908	163		
	Total	20959	44923	54825	99748	1726	131	252	11537	998	381	1718	18839	1080	238		
2. Quilon																	
	Quilon	15938	35210	39633	74843	1580	34	127	7391	913	88	436	12166	694	465		
	Karunagappally	16677	41865	45076	86941	717	906	168	5066	551	418	370	15260	774	443		
	Kunnathur	932	2135	2417	4552	113	2	2	460	94	-	18	731	10	-		
	Total	33547	79210	87126	166336	2410	942	297	12917	1558	506	824	28157	1478	908		
3. Alleppey																	
	Sherthalai	55475	136536	145140	281676	879	44	44	6724	441	28	874	75704	435	600		
	Ambalapuzha	26487	64899	70621	135520	24	54	1	25	47	250	101	33777	157	515		
	Kuttanadu	46	112	127	239	-	-	-	-	-	-	14	48	-	-		
	Karthikappally	11587	26232	30977	57209	1825	35	251	2116	534	213	564	15004	1065	393		
	Total	93595	227779	246865	474644	2728	133	296	8865	1022	491	124533	1657	1508	1553		
4. Kottayam																	
	Kottayam	244	603	671	1274	3	-	-	3	-	-	19	242	-	-		
	Vaikom	6602	16998	17807	34805	557	10	46	2623	77	11	2870	8178	148	199		
	Total	6846	17601	18478	36079	560	10	46	2626	77	11	2889	8420	148	199		
5. Ernakulam																	
	Cochin	6437	17160	18969	36129	339	36	47	1271	125	508	616	7031	158	206		
	Kanayannore	2710	7065	7749	14814	110	26	42	865	15	222	514	2705	8	12		
	Paravoor	5924	15033	16925	31958	598	347	123	3146	97	698	1321	3613	52	18		
	Total	15071	39258	43643	82901	1047	409	212	5282	237	928	2451	13349	218	236		

(Contd..)

(Appendix IV(b) contd.)

Sl. No.	Name of Taluk	Works related to manufacturing of coir products		Finishing & packing of coir products		Other works related to coir sector		Working members of the coir household other than coir works		Persons who were engaged in coir activities but not doing the work to due to old age		Total
		M	F	M	F	M	F	M	F	M	F	
1	2	17	18	19	20	21	22	23	24	25	26	27
1. Trivandrum												
	Neyyattinkara	11	13	-	-	45	6	1706	1145	47	73	5961
	Trivandrum	65	52	7	4	561	40	12993	6971	409	814	34340
	Chitreyinkil	147	79	12	7	109	27	22510	123	527	2099	59447
	Total	223	144	19	11	715	73	37209	20465	983	2986	99748
2. Quilon												
	Quilon	195	126	36	12	66	26	30833	18271	330	1054	74843
	Karunagappally	127	30	8	5	90	1074	38881	20945	179	929	86941
	Kunnathur	-	-	1	-	-	-	1893	1184	4	40	4552
	Total	322	156	45	17	156	1100	71607	40400	513	2023	166336
3. Alleppey												
	Sherthalai	7753	1272	240	92	729	299	123173	58997	1968	1380	281676
	Ambalapuzha	7194	2253	598	65	215	935	55119	31711	1443	1036	135520
	Kuttanadu	1	-	1	-	-	-	86	69	10	10	279
	Karthikappally	116	52	16	1	285	128	21149	11947	427	1088	57339
	Total	15064	3577	855	158	1229	1362	199527	102724	3848	3514	474644
4. Kottayam												
	Kottayam	-	-	-	-	-	-	581	426	-	-	1274
	Vaikom	149	23	4	1	138	49	12271	6020	738	693	34805
	Total	149	23	4	1	138	49	12852	6446	738	693	36079
5. Ernakulam												
	Cochin	205	39	15	3	51	11	15386	9476	218	388	36129
	Kanayannore	34	9	2	-	15	6	6145	3583	180	321	14814
	Paravoor	25	1	2	-	57	123	12570	9189	188	290	31958
	Total	264	49	19	3	123	140	34101	22248	586	999	82901

(Contd..)

Sl. No. of Taluk	No. of workers house- hold	Population in the coir workers household										Fibre cleaning		Spinning		Drying and bundling	
		Male		Female		Total		Retting		Beating		Fibre cleaning		Spinning		Drying and bundling	
		3	4	5	6	7	8	9	10	11	12	13	14	15	16		
6. Trichur																	
	427	1044	1267	2311	24	1	16	319	-	-	-	12	244	1	-		
Mukundapuram	711	1747	2166	3913	160	30	41	421	43	73	193	289	8	1			
Chavakkadu	1327	3457	4051	7508	209	36	132	420	4	31	73	924	7	7			
Kodungallore	2414	8737	9794	18531	530	177	104	928	114	326	809	2681	65	51			
Total	5879	14985	17278	32263	923	244	293	2088	161	430	1087	4138	81	59			
7. Malappuram																	
	1008	2729	2871	5600	81	-	5	18	23	49	7	1489	4	4			
Ernad	5122	15328	16916	32244	518	25	48	1299	71	101	226	5236	32	42			
Tirur	1954	6751	6230	12981	359	9	58	361	186	71	338	2158	9	2			
Ponnani	8084	24898	26017	50825	958	34	111	1678	280	221	571	8883	45	48			
Total	1393	4143	4251	8394	221	290	18	556	13	164	600	230	16	6			
8. Kozhikode																	
	10095	26717	30181	56898	589	23	17	1730	26	18	53	12910	46	2			
Badagara	14251	37551	42510	80061	627	104	47	1886	17	136	183	15831	76	55			
Qullandy	25739	68411	76942	145353	1437	417	82	4172	56	318	841	28971	138	63			
Total	545	1620	1935	3555	80	24	37	407	7	13	35	118	2	1			
9. Cannanore																	
	266	784	869	1653	18	37	2	34	-	1	9	10	-	-			
Tellicherry	1329	3726	4557	8283	46	97	83	346	1	8	113	1226	1	8			
Taliparamba	2140	6130	7361	13491	144	158	122	787	8	22	157	1354	3	9			
Total	953	2676	3198	5874	210	13	20	656	6	15	65	313	9	16			
10. Kasaragode																	
	212813	525781	581733	1107514	12143	2491	1731	50603	4403	3323	12156	236957	4857	3284			
Total	953	2676	3198	5874	210	13	20	656	6	15	65	313	9	16			

(Appendix IV(b) contd..)

Sl. No.	Name of Taluk	Works related to manufacturing of coir products				Finishing & packing of coir products				Other works related to coir sector				Working members of coir household other than coir works				Persons who were engaged in coir activities but not doing the work due to old age				Total
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	2	17	18	19	20	21	22	23	24	25	26	27										
6. Trichur																						
	Trichur	-	-	-	-	30	15	913	618	48	70	2311										
	Mukundapuram	1	-	1	-	1	3	1256	1288	43	61	3913										
	Chavakkad	1	1	-	-	21	21	2958	2553	52	58	7508										
	Kedungallore	29	4	2	1	12	2	6859	5277	213	347	18531										
	Total	31	5	3	1	64	41	11986	9736	356	536	32263										
7. Malappuram																						
	Ernad	6	-	-	-	-	-	2603	1303	-	8	5600										
	Tirur	59	8	4	-	11	6	13955	9546	404	653	32244										
	Pennani	9	5	-	-	38	18	5044	3786	189	341	12981										
	Total	74	13	4	-	49	24	21602	14635	593	1002	50825										
8. Kozhikode																						
	Badagara	13	2	1	3	4	4	3223	2887	34	109	8394										
	Quilandy	17	6	-	-	19	-	25777	14704	173	788	56898										
	Kozhikode	70	59	4	5	41	42	36253	23735	228	657	80061										
	Total	100	67	5	8	64	46	65253	41326	435	1554	145353										
9. Cannanore																						
	Tellicherry	-	-	-	-	9	13	1350	1449	9	1	3555										
	Taliparamba	-	-	-	-	1	1	774	747	12	7	1653										
	Cannanore	2	-	4	-	5	-	2754	3445	118	26	8283										
	Total	2	-	4	-	15	14	4878	5641	139	34	13491										
10. Kasaragode																						
	Hosdurg	-	3	1	-	-	-	2103	2313	79	52	5874										
	Total	16229	4037	959	199	2553	2849	461118	265954	8270	13393	1107514										

Appendix - IV(c) Distribution of subsidiary workers according to occupational status

Sl. No.	Name of Taluk	No. of Coir worker household	Population in the coir worker household		Retting		Beating		Fibre cleaning		Spinning		Drying & bundling	
			Male	Female	M	F	M	F	M	F	M	F	M	F
			4	5	6	7	8	9	10	11	12	13	14	15
1.	Trivandrum													
	Neyyattinkara	1305	2882	3079	5961	5	-	8	10	1	-	81	22	-
	Trivandrum	6841	15894	18446	34340	50	1	2	20	1	3	83	24	-
	Chirayinkil	12813	26147	33300	59447	20	-	2	53	32	9	13	47	6
	Total	20959	44923	54825	99748	75	1	12	83	34	12	177	93	6
2.	Quilon													
	Quilon	15938	35210	39633	74843	6	1	2	15	14	1	8	23	-
	Karunagappally	16677	41865	45076	86941	13	2	2	125	10	15	23	946	16
	Kunnathur	932	2135	2417	4552	-	-	-	-	-	-	-	-	-
	Total	33547	79210	87126	166336	19	3	4	140	24	16	31	969	16
3.	Alleppey													
	Sherthalai	55475	136536	145140	281676	140	3	19	804	24	18	874	6121	47
	Ambalapuzha	26487	64899	70621	135520	-	1	-	2	3	1	16	1135	2
	Kuttanad	46	112	127	239	-	-	-	-	1	-	1	2	-
	Karthikappally	11587	26232	30977	57209	125	5	48	45	76	3	44	85	18
	Total	93595	227779	246865	474644	265	9	67	851	104	22	935	7343	55
4.	Kottayam													
	Kottayam	244	603	671	1274	-	-	4	3	-	-	6	53	-
	Vaikom	6602	16998	17807	34805	69	-	12	72	4	-	1801	800	2
	Total	6846	17601	18478	36079	69	-	16	75	4	-	1807	853	2
5.	Ernakulam													
	Cochin	6437	17160	18969	36129	8	-	-	-	1	2	15	16	-
	Kanayannore	2710	7065	7749	14814	-	1	-	-	-	-	38	19	242
	Paravoor	5924	15033	16625	31958	45	7	1	3	3	1	13	17	-
	Total	15071	39258	43643	82901	53	8	1	3	4	3	66	52	242

(Contd...)

(Appendix IV(c) contd..)

Sl. No.	Name of Taluk	No. of coir worker household	Population in the coir worker household						Retting		Beating		Fibre cleaning		Spinning		Drying and bundling	
			Male	Female	Total	M	F	M	F	M	F	M	F	M	F	M	F	
																		3
6. Trichur																		
	Trichur	427	1044	1267	2311	7	-	3	6	3	-	2	15	-	-	-	-	-
	Mukundapuram	711	1747	2166	3913	-	-	-	-	-	-	4	14	-	-	-	-	-
	Chavakkadu	1327	3457	4051	7508	36	8	21	25	2	2	53	194	1	-	-	-	-
	Kondungallore	3414	8737	9794	18531	37	11	4	27	1	10	33	96	2	28	-	-	-
	Total	5879	14985	17278	32263	80	19	28	58	6	12	89	305	3	28	3	28	28
7. Malappuram																		
	Ernad	1008	2729	2871	5600	-	-	-	-	-	-	-	14	-	-	-	-	-
	Tirur	5122	15328	16916	32244	79	6	8	43	3	2	24	1318	3	1	1	1	1
	Ponnani	1954	6751	6230	12981	13	1	-	9	-	-	2	57	1	1	1	1	1
	Total	8084	24808	26017	50825	92	7	8	52	3	2	26	1389	4	2	4	2	2
8. Kozhikode																		
	Badagara	1393	4143	4251	8394	45	19	7	23	1	3	22	194	3	2	2	2	2
	Quilandy	10095	26717	30181	56898	51	7	3	36	11	1	9	572	3	-	-	-	-
	Kozhikode	14251	37551	42510	80061	38	21	4	144	1	8	31	4405	8	6	6	6	6
	Total	25739	68411	76942	145353	134	47	14	203	13	12	62	5171	14	8	8	8	8
9. Cannanore																		
	Tellicherry	545	1620	1935	3555	2	-	1	7	-	-	3	-	-	-	-	-	-
	Taliparamba	266	784	869	1653	81	39	3	146	3	3	34	11	1	-	-	-	-
	Cannanore	1329	3726	4557	8283	22	8	1	60	-	1	6	91	1	-	-	-	-
	Total	2140	6130	7361	13491	105	47	5	213	3	4	43	102	2	-	-	-	-
10. Kasaragode																		
	Hosdurg	953	2676	3198	5874	87	12	1	106	1	1	2	67	3	2	2	2	2
	Total	212813	527581	581733	1107514	979	153	156	1784	196	84	3238	16344	428	123	123	123	123

(Appendix IV(c) contd..)

Sl. No.	Name of Taluk	Works related to manufacturing of coir products				Finishing & packing of coir products				Other works related to coir sector				Working members of the coir household other than coir works				Persons who were engaged in coir activities but not doing the work due to old age				Total
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	2	17	18	19	20	21	22	23	24	25	26	27										
1. Trivandrum																						
	Neyyattinkara	-	-	2	-	2	-	2782	3046	1	1	5961										
	Trivandrum	35	2	-	-	1	-	15712	18360	10	35	34340										
	Chirayinkil	4	5	2	-	1	-	26062	33160	-	-	59447										
	Total	39	7	4	-	4	-	44556	54587	11	36	99748										
2. Quilon																						
	Quilon	-	-	1	-	-	-	35120	39533	-	60	74843										
	Karunagappally	1	-	-	-	190	404	41615	43514	4	52	86941										
	Kunnathur	-	-	-	-	-	-	2135	2417	-	-	4552										
	Total	1	-	1	-	190	404	78870	85464	62	112	166336										
3. Alleppey																						
	Sherthalai	130	46	13	1	60	31	135229	138080	-	-	281676										
	Ambalapuzha	33	5	-	-	4	4	64841	69472	-	-	135520										
	Kuttanadu	-	-	-	-	-	-	110	125	-	-	239										
	Karthikappally	4	7	1	-	27	7	25820	30807	-	-	57209										
	Total	167	58	14	1	91	42	226000	238484	-	-	474644										
5. Kottayam																						
	Kottayam	-	-	-	-	-	-	593	615	-	-	1274										
	Vaikom	1	1	-	-	10	8	15095	16919	3	5	34805										
	Total	1	1	-	-	10	8	15688	17534	3	5	36079										
5. Ernakulam																						
	Cochin	-	-	-	-	2	-	17134	18951	-	-	36129										
	Kacayanore	-	-	-	-	-	-	6785	7725	-	-	14814										
	Paravoor	3	-	-	-	1	-	14967	16897	-	-	31958										
	Total	3	-	-	-	3	-	38886	43573	-	-	82901										

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(Appendix IV(c) contd..)

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Sl. No.	Name of Taluk	Works related to manufacturing of coir products		Finishing & packing of coir products		Other works related to coir sector		Working members of the household other than coir works		Persons who were engaged in coir activities but not doing the work due to old age		Total		
		M		F		M		F		M			F	
		17	18	19	20	21	22	23	24	25	26		27	
6. Trichur														
	Trichur	-	-	-	-	-	-	1004	1244	25	2	2311		
	Makundapuram	-	-	-	-	-	-	1746	2166	-	-	3913		
	Chevakkad	-	-	-	-	3	1	3341	3821	-	-	7508		
	Kodungallore	14	9	-	-	2	-	8637	9605	7	8	18531		
	Total	14	9	-	-	5	1	14728	16836	32	10	32263		
7. Malappuram														
	Ernad	-	-	-	-	-	-	2729	2857	-	-	5600		
	Tirur	8	1	-	-	1	3	15194	15521	8	21	32244		
	Ponnani	-	-	-	1	-	-	6214	6680	-	2	12981		
	Total	8	1	-	1	1	3	24137	25058	8	23	50825		
8. Kozhikode														
	Badagara	-	-	-	-	-	-	4005	4070	-	-	8394		
	Quilandy	-	2	-	-	-	-	26821	29294	10	78	56898		
	Kozhikode	5	5	-	-	5	9	37662	37600	21	82	80751		
	Total	5	7	-	-	5	9	68488	70970	31	160	145353		
9. Cannanore														
	Tallicherry	-	-	-	-	1	-	1610	1923	3	5	3555		
	Taliparamba	-	1	-	-	-	4	662	665	-	-	1653		
	Cannanore	1	-	-	-	-	-	3694	4396	1	1	8283		
	Total	1	1	-	-	1	4	5966	6984	4	6	13491		
10. Kashtagode														
	Hosdurg	1	-	-	-	4	-	2575	3001	2	9	5874		
	Total	240	84	19	2	314	471	519894	562491	153	361	1107514		

Distribution of coir workers according to activity status

Name of Taluk/ District	No. of coir workers household	Population in the coir workers household													
		Main workers						Subsidiary workers						All workers	
		1	2	3	4	5	6	7	8	9	10	11	12	Employee	Self employed
1. Trivandrum															
Neyyattinkara	1305	5961	1170	1820	2990	44	87	131	1214	1907	3121				
Trivandrum	6841	34340	10146	3007	13153	65	157	222	10211	3164	13375				
Chirayinkil	12813	59447	21086	856	21942	185	20	205	21271	876	22147				
Total	20959	99748	32402	5683	38085	294	264	558	32656	5947	38643				
2. Quilon															
Quilon	15938	74843	21642	2713	24355	38	34	72	21680	2747	24427				
Karunagappally	16677	86941	11903	14104	26007	74	1682	1756	11977	15786	27763				
Kunnathur	932	4552	1012	419	1431	-	-	-	1012	419	1431				
Total	33547	166336	34557	17236	51793	112	1716	1828	34669	18952	53621				
3. Alleppey															
Sheritalai	55475	281676	21189	74969	96158	1119	7248	8367	22308	82217	104525				
Ambalapuzha	26487	135520	9587	36624	46211	28	1179	1207	9615	37803	47418				
Kuttanad	46	239	59	5	64	4	-	4	63	5	68				
Karthikappally	11587	57209	18925	3673	22598	396	186	582	19321	3859	23180				
Total	93595	474644	49760	115271	165031	1547	8613	10160	51307	123884	175191				
4. Kottayam															
Vaikom	6602	34805	10564	4519	15083	1868	915	2783	12432	5434	17866				
Kottayam	244	1274	-	267	267	-	66	66	-	333	333				
Total	6846	36079	10564	4786	15350	1868	981	2849	12432	5767	18199				
5. Ernakulam															
Cochin	6437	36129	8006	2655	10661	25	19	44	8031	2674	10705				
Kanayannur	2710	14814	2464	2121	4585	89	215	304	2553	2336	4889				
Paravoor	5924	31958	6681	3040	9721	54	40	94	6735	3080	9815				
Total	15071	82901	17151	7816	24967	168	274	442	17319	8090	25409				

(Appendix 5 contd.)

	1	2	3	4	5	6	7	8	9	10	11	12
6. Trichur												
Trichur	427	2311	361	301	662	13	23	36	374	324	698	
Mukundapuram	711	3913	765	500	1265	-	1	1	765	501	1266	
Chavakkadu	1327	7508	1127	760	1887	127	219	346	1254	979	2233	
Kodungalloor	3414	18531	2838	2997	5835	119	155	274	2957	3152	6109	
Total	5879	32263	5091	4558	9649	259	398	657	5350	4956	10306	
7. Malappuram												
Eranad	1008	5600	434	1252	1686	-	14	14	434	1266	1700	
Tirur	5122	32244	3448	4238	7686	409	1091	1500	3857	5329	9186	
Ponnani	1954	12981	1991	1630	3621	50	35	85	2041	1665	3706	
Total	8084	50825	5873	7120	12993	459	1140	1599	6332	8260	14592	
8. Kozhikode												
Badagara	1393	8394	1401	740	2141	60	259	319	1461	999	2460	
Quilandy	10095	56898	9823	5633	15456	166	529	695	9989	6162	16151	
Kozhikode	14251	80061	13315	5873	19188	3789	901	4690	17104	6774	23878	
Total	25739	145353	24539	12246	36785	4015	1689	5704	28554	13935	42489	
9. Cannanore												
Tellicherry	545	3555	664	82	746	12	2	14	676	84	760	
Taliparamba	266	1653	92	21	113	291	35	326	383	56	439	
Cannanore	1329	8283	779	1161	1940	106	85	191	885	1246	2131	
Total	2140	13491	1535	1264	2799	409	122	531	1944	1386	3330	
10. Kasaragod												
Hosdurg	953	5874	547	780	1327	173	114	289	720	894	1614	
State Total	212813	1107514	182019	176760	358779	9304	15311	24615	191323	192071	383394	

Appendix - VI Distribution of coir workers in the coir household by educational status

Sl. No. of District/ Taluk	Educational status of coir workers									
	No. of coir workers household		Population in the illite-rate workers household		L.P. U.P. Secondary Above Secondary					
	1	2	3	4	5	6	7	8	9	10
1. Trivandrum										
Neyyattinkara	1305	5961	1166	991	372	449	143	3121		
Trivandrum	6841	34340	4449	3910	2660	2191	165	13375		
Chirayinkil	12813	59447	7449	6334	4497	3420	447	22147		
Total	20959	99748	13064	11235	7529	6060	755	38643		
2. Quilon										
Quilon	15938	74843	6518	9227	5601	2609	472	24427		
Karunagappally	16677	86941	5788	10743	6832	3980	420	27763		
Kunnathur	932	4552	292	778	305	52	4	1431		
Total	33547	166336	12598	20748	12738	6641	896	53621		
3. Alleppey										
Sherthalai	55475	281676	22072	51311	22876	7272	994	104525		
Ambalapuzha	26487	135520	8597	24161	11198	3085	377	47418		
Kuttanad	46	239	2	45	18	3	-	68		
Karthikappally	11587	57209	5097	10282	5282	2258	261	23180		
Total	93595	474644	35768	85799	39374	12618	1632	175191		
4. Kottayam										
Kottayam	244	1274	6	226	79	21	1	333		
Vaikom	6602	34805	2073	7336	6226	1777	454	17866		
Total	6846	36079	2079	7562	6305	1798	455	18199		
5. Ernakulam										
Cochin	6437	36129	1716	5519	2234	1035	201	10705		
Kanayannore	2710	14814	1026	2038	940	706	179	4889		
Paravoor	5924	31958	1463	4438	2837	965	112	9815		
Total	15071	82901	4205	11995	6011	2706	492	25409		

(Contd..)

(Appendix - VI contd..)

	1	2	3	4	5	6	7	8	9	10
6. Trichur										
Trichur	427	2311	186	294	126	84	8	698		
Mukundapuram	711	3913	300	464	329	162	11	1266		
Chavakkadu	1327	7508	763	698	470	246	56	2233		
Kodungallore	3414	18531	1134	2593	1615	685	82	6109		
Total	5879	32263	2383	4049	2540	1177	157	10306		
7. Malappuram										
Ernad	1008	5600	876	570	213	37	4	1700		
Tirur	5122	32244	3268	3644	1785	427	62	9186		
Ponnani	1954	12981	1572	1858	244	29	3	3706		
Total	8084	50825	5716	6072	2242	493	69	14592		
8. Kozhikode										
Badagara	1393	8394	555	1677	289	128	11	2460		
Quilandy	10095	56898	6369	7981	1536	235	30	16151		
Kozhikode	14251	80061	6845	12006	3910	948	169	23878		
Total	25739	145353	13769	21464	5735	1311	210	42489		
9. Cannanore										
Tellicherry	545	3555	346	269	106	36	3	760		
Taliparabu	266	1653	112	293	30	4	-	439		
Cannanore	1329	8283	790	1155	129	52	5	2131		
Total	2140	13491	1248	1717	265	92	8	3330		
10. Kasaragode										
Hosdurg	953	5874	531	968	99	15	1	1614		
Total	212813	1107514	91361	171609	82838	32911	4675	383394		

Distribution of coir worker's households according to ownership of residential houses

Name of District/ Taluk	No. of coir workers household		Population in the coir workers household		Total	Whether residential houses owned or not		Total	
	2	3	4	5		6	7		8
1. Trivandrum									
Neyyattinkara	1305	2882	3079	5961	1181	124	1305		
Trivandrum	6841	15894	18446	34340	6405	436	6841		
Chirayinkil	12813	26147	33300	59447	11452	1361	12813		
Total	20959	44923	54825	99748	19038	1921	20959		
2. Quilon									
Quilon	15938	35210	39633	74843	14712	1226	15938		
Karunagappally	16677	41865	45076	86941	15815	862	16677		
Kunnathur	932	2135	2417	4552	883	49	932		
Total	33547	79210	87126	166336	31410	2137	33547		
3. Alleppey									
Shertalai	55475	136536	145140	281676	55169	306	55475		
Ambalapuzha	26487	64899	70621	135520	24783	1704	26487		
Kuttanad	46	112	127	239	42	4	46		
Karthikappally	11587	26232	30977	57209	11458	129	11587		
Total	93595	227779	246865	474644	91452	2143	93595		
4. Kottayam									
Vaikom	6602	16998	17807	34805	6500	102	6602		
Kottayam	244	603	671	1274	240	4	244		
Total	6846	17601	18478	36079	6740	106	6846		
5. Ernakulam									
Cochin	6437	17160	18969	36129	6371	66	6437		
Kanayannur	2710	7065	7749	14814	2686	24	2710		
Paravoor	5924	15033	16925	31958	5827	97	5924		
Total	15071	39258	43643	82901	14884	187	15071		

(contd.)

(appendix 7 contd.)

	1	2	3	4	5	6	7	8
6. Trichur								
Trichur	427	1044	1267	2311	423	4	427	
Mukundapuram	711	1747	2166	3913	666	45	711	
Chavakkadu	1327	3457	4051	7508	1297	30	1327	
Kodungalloor	3414	8737	9794	18531	3303	111	3414	
Total	5879	14985	17278	32263	5689	190	5879	
7. Malappuram								
Eranad	1008	2729	2871	5600	1008	-	1008	
Tirur	5122	15328	16916	32244	5099	23	5122	
Ponnani	1954	6751	6230	12981	1932	22	1954	
Total	8084	24808	26017	50825	8039	45	8084	
8. Kozhikode								
Badagara	1393	4143	4251	8394	1383	10	1393	
Quitandy	10095	26717	30181	56898	10047	48	10095	
Kozhikode	14251	37551	42510	80061	14193	58	14251	
Total	25739	68411	76942	145353	25623	116	25739	
9. Cannanore								
Tellicherry	545	1620	1935	3555	522	23	545	
Taliparamba	266	784	869	1653	241	25	266	
Cannanore	1329	3726	4557	8283	1250	79	1329	
Total	2140	6130	7361	13491	2013	127	2140	
10. Kasaragod								
Hosdurg	953	2676	3198	5874	877	76	953	
State Total	212813	525781	581733	1107514	205765	7048	212813	

Distribution of houses according to type of roof

Name of District/Taluk	Type of roof				Total
	Thatched	Tiled	Concreted		
1	2	3	4	5	
1. Trivandrum					
Neyyattinkara	1056	247	2		1305
Trivandrum	5607	1082	152		6841
Chirayinkil	10753	1874	186		12813
Total	17416	3203	340		20959
2. Quilon					
Quilon	9503	6183	252		15938
Karunagappally	10763	5577	337		16677
Kunnathur	533	399	-		932
Total	20799	12159	589		33547
3. Alleppey					
Shertalai	23375	31900	200		55475
Ambalapuzha	13282	13174	31		26487
Kuttanad	14	32	-		46
Karthikappally	8683	2792	112		11587
Total	45354	47898	343		93595
4. Kottayam					
Vaikom	2576	4000	26		6602
Kottayam	53	191	-		244
Total	2629	4191	26		6846
5. Ernakulam					
Cochin	1492	4872	73		6437
Kanayannur	366	2337	7		2710
Paravoor	2013	3828	83		5924
Total	3871	11037	163		15071

(contd.)

(appendix 8 contd.)

	1	2	3	4	5
6. Trichur					
Trichur		268	155	4	427
Mukundapuram		480	226	5	711
Chavakkadu		791	520	16	1327
Kodungalloor		1787	1604	23	3414
Total		3326	2505	48	5879
7. Malappuram					
Eranad		376	629	3	1008
Tirur		2745	2336	41	5122
Ponnani		1559	383	12	1954
Total		4680	3348	56	8084
8. Kozhikode					
Badagara		914	465	14	1393
Quilandy		6252	3741	102	10095
Kozhikode		6059	8090	102	14251
Total		13225	12296	218	25739
9. Cannanore					
Tellicherry		253	290	2	545
Taliparamba		45	218	3	266
Cannanore		149	1165	15	1329
Total		447	1673	20	2140
10. Kasaragod					
Hosdurg		293	648	12	953
State Total		112040	98958	1815	212813

Appendix - IX Distribution of coir workers households according to
plinth area of residential houses

Sl. No.	Name of District/ Taluk	No. of coir work- ers household	Plinth area of houses			Population in the coir workers household		
			<500 Sq. ft.	500-1000 Sq. ft.	>1000 Sq. ft.	Male	Female	Total
1	2	3	4	5	6	7	8	9
1. Trivandrum								
	Neyyattinkara	1305	833	347	125	2882	3079	5961
	Trivandrum	6841	5953	731	157	15894	18446	34340
	Chirayinkil	12813	11536	1212	65	20147	33300	59447
	Total	20959	18322	2290	347	4923	54825	99748
2. Quilon								
	Quilon	15938	14174	1643	121	38210	39633	74843
	Karunagappally	16677	13833	2645	199	41865	45076	86941
	Kunnathur	932	913	17	2	2135	2417	4552
	Total	33547	28920	4305	322	79210	87126	166336
3. Alleppey								
	Sherthalai	55475	44510	10056	909	136536	145140	281676
	Ambalapuzha	26487	22760	3531	196	64899	70621	135520
	Kuttanadu	46	44	2	-	112	127	239
	Karthikappally	11587	10993	544	50	26232	30977	57209
	Total	93595	78307	14133	1155	227779	246865	474644
4. Kottayam								
	Kottayam	244	193	50	1	603	671	1274
	Vaikom	6602	6288	298	16	16998	17807	34805
	Total	6846	6481	348	17	17601	18478	36079
5. Ernakulam								
	Cochin	6437	5824	590	23	17160	18969	36129
	Kasayannore	2710	2397	307	6	7065	7749	14814
	Peravur	5924	5186	720	18	15033	16925	31958
	Total	15071	13407	1617	47	39258	43643	82901

(Contd..)

(Appendix - IX contd..)

1	2	3	4	5	6	7	8	9
6. Trichur								
	Trichur	427	228	177	22	1044	1267	2311
	Mukundapuram	711	453	218	40	1747	2166	3913
	Chavakkadu	1327	1196	121	10	3457	4051	7508
	Kodungallore	3414	2238	1161	15	8737	9794	18531
	Total	5879	4115	1677	87	14985	17278	32263
7. Malappuram								
	Ernad	1008	1007	1	-	2729	2871	5600
	Tirur	5122	2531	2539	52	15328	16916	32224
	Ponnani	1954	1667	279	8	6751	6230	12981
	Total	8084	5205	2819	60	24808	26017	50825
8. Kozhikode								
	Badagara	1393	1167	221	5	4143	4251	8394
	Quilandy	10095	9387	682	26	26717	30181	56898
	Kozhikode	14251	14014	237	-	37551	42510	80061
	Total	25739	24568	1140	31	68411	76942	145353
9. Cannanore								
	Tellicherry	545	362	161	22	1620	1935	3555
	Taliparambu	266	194	72	-	784	869	1653
	Cannanore	1329	1054	254	21	3726	4557	8283
	Total	2140	1610	487	43	6130	7361	13491
10. Kasaragode								
	Hosdurg	953	634	309	10	2676	3198	5874
	Total	212813	181569	29125	2119	525781	581733	1107514

Average monthly income of the coir workers by source of income

Name of District/ Taluk	No. of coir workers household	Population in the coir workers household	Monthly Income			Total
			Coir		Others	
			4	5		
1	2	3	4	5	6	
1. Trivandrum						
Neyyattinkara	1305	5961	310952	113142	424094	
Trivandrum	6841	34340	1096820	617748	1714568	
Chirayinkil	12813	59447	2436006	1544093	3980099	
Total	20959	99748	3843778	2274983	6118761	
2. Quilon						
Quilon	15938	74843	1852590	841015	2693605	
Karunagappally	16677	86941	1624975	1365957	2990932	
Kunnathur	932	4552	139460	32885	172345	
Total	33547	166336	3617025	2239857	5856882	
3. Alleppey						
Shertalai	55475	281676	4246720	7304837	11551557	
Ambalapuzha	26487	135520	2794223	3015454	5809677	
Kuttanad	46	239	3240	3960	7200	
Karthikappally	11587	57209	979832	736116	1715948	
Total	93595	474644	8024015	11060367	19084382	
4. Kottayam						
Vaikom	6602	34805	510929	456042	966971	
Kottayam	244	1274	15865	33870	49735	
Total	6846	36079	526794	489912	1016706	
5. Ernakulam						
Cochin	6437	36129	577713	863851	1444564	
Kanayannur	2710	14814	176995	290123	467118	
Paravoor	5924	31958	356145	453567	809712	
Total	15071	82901	1110853	1610541	2721394	

(contd.)

1	2	3	4	5	6
6. Trichur					
Trichur	427	2311	100300	59645	159945
Mukundapuram	711	3913	94055	20850	114905
Chavakkadu	1327	7508	162195	151765	313960
Kodungalloor	3414	18531	496568	345913	842481
Total	5879	32263	853118	578173	1431291
7. Malappuram					
Eranad	1008	5600	70265	152525	222790
Tirur	5122	32244	440520	750292	1190812
Ponnani	1954	12981	171155	106390	277545
Total	8084	50825	681940	1009207	1691147
8. Kozhikode					
Badagara	1393	8394	158340	52905	211245
Quilandy	10095	56898	714442	1210681	1925123
Kozhikode	14251	80061	937454	1454135	2391589
Total	25739	145353	1810236	2717721	4527957
9. Cannanore					
Tellicherry	545	3555	39100	59845	98945
Taliparamba	266	1653	30085	47195	77280
Cannanore	1329	8283	143930	104296	248226
Total	2140	13491	213115	211336	424451
10. Kasaragod					
Hosdurg	953	5874	124165	191590	315755
State Total	212813	1107514	20805039	22383687	43188726

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