

2410



കേരള സർക്കാർ

WOMEN IN KERALA





WOMEN
IN
KERALA

WOMEN
IN
KERALA

(COVER DESIGNED BY V. GOPALAN)
PRINTED BY THE S. G. P. AT THE GOVERNMENT PRESS,
TRIVANDRUM, 1984.

PREFACE

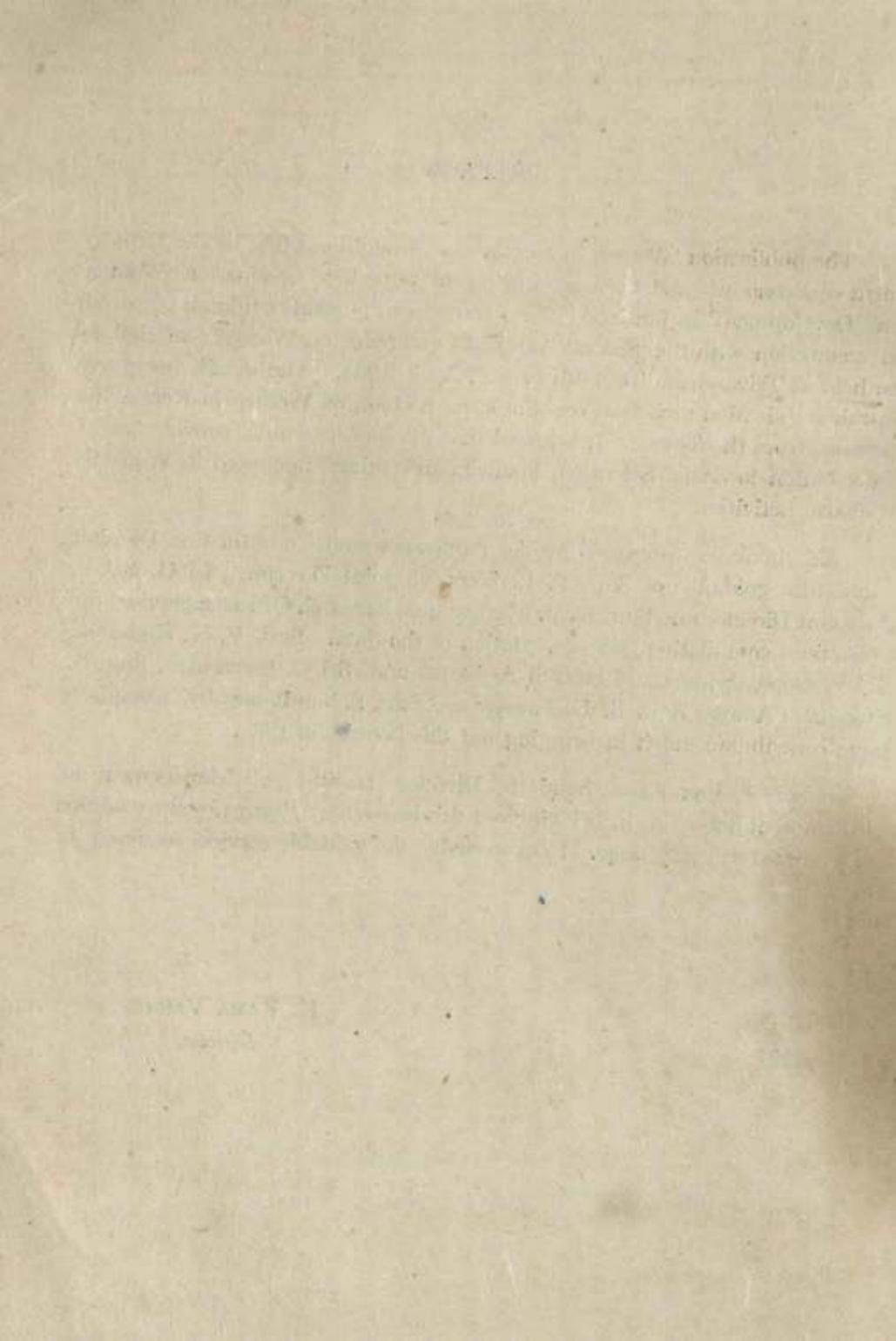
The publication 'Women in Kerala' was brought out first by the Department of Economics and Statistics during the State level Seminar on 'Women and Development' in January 1979. The present (second) edition is prepared in connection with the 'Second National Conference on Women's studies' to be held at Trivandrum from 9th to 12th April 1984. The details presented in this publication give facts on the latest position of Women in Kerala as revealed from the figures. It is hoped that this booklet would provide useful information to Social Scientists, Planners and others interested in Women's Welfare activities.

This book was prepared by the Publication and Co-ordination Division under the guidance of Smt. P. L. Sreedevi, Joint Director. Sri U. Balaji, Assistant Director and Smt. K. V. Mariyamma, Research Officer supervised the collection, compilation and presentation of the data. Smt. V. K. Kousalya, Sri P. Gopalakrishnan, Research Assistants and Sri C. Somarajan, Smt. S. Sukumari Amma, Smt. S. Leelamony and Smt. S. Santhanavally, Compilers have contributed much in bringing out this booklet in time.

Smt. Padma Ramachandran, Director, Institute of Management in Government helped us in bringing out this booklet by giving necessary advice and support at every stage. I acknowledge the valuable services rendered by her.

Trivandrum,
8-3-1984.

K. RAMA VARMA,
Director.



CONTENTS

TABLE		PAGE NO.
Selected Indicators		
I. Area & Population		
1.1	Area, population and density of population in Kerala 1971 & 1981 (District-wise and sex-wise) ..	5
1.2	Trends in population growth in Kerala during 1881 to 1981 (sex-wise) ..	6
1.3	Percentage of population by sex and age groups in 1971 ..	6
1.4	Percentage distribution of population by age and sex (Rural) in Kerala during 1971, 1979 & 1980 ..	7
1.5	Sex ratio of population by Districts 1981 ..	8
1.6	District-wise distribution of Scheduled Castes and Scheduled Tribes in Kerala 1981 by sex ..	9
1.7	Percentage distribution of population according to Marital Status in Kerala 1971 (sex-wise) ..	11
1.8	Percentage distribution of population according to marital status in Kerala 1971 (Age-wise and sex-wise) ..	12
1.9	Marriage rate per 1000 population of each sex under different age groups in Kerala (Rural) for the year 1980 ..	14
1.10	Selected Nuptiality indicators 1971 and 1981 in the different States of India ..	15
1.11	Proportion of population in age groups 0-4 and 5-9 (1971 & 1981) Child Women ratios (1966-71 and 1981) and dependency ratio (1981) in different States in India ..	16
1.12	Expectation of life at Birth in Kerala—Rural (sex-wise)	17

TABLE	PAGE No.
1.13	Estimated birth and death rates in Kerala and India for the years 1980-81 .. 17
1.14	Age specific death rate in Kerala (Rural) sex-wise 1980 .. 18
1.15	Number of Maternal death by age at death in Kerala (1977) .. 18
1.16	Age specific fertility rates in Kerala (Rural) (1971 to 1980) .. 19
1.17	Estimated Age specific fertility rates in Kerala 1975 .. 19
1.18	General fertility, total fertility and gross reproduction rates in Kerala (Rural) 1971 to 1980 .. 20
1.19	Fertility indices of Kerala for the year 1975 .. 20
1.20	General fertility rate and total fertility rate in Kerala and India during 1972 and 1978 (Rural and urban) .. 21
1.21	General Marital fertility rate and total Marital fertility rates in Kerala and India during 1972 and 1978 (Rural and urban) .. 21
1.22	Average number of children born per woman in Kerala (by age group) 1981 .. 22
1.23	Immigrants, out-migrants and net migrants in Kerala by sex during 1971 and 1981 .. 22
1.24	Estimated number (per lakh) of males, females and persons visually disabled by age groups .. 22
1.25	Estimated number (per one lakh) of males, females and persons having no light perception from birth or after birth in Kerala during 1981 .. 23
1.26	Estimated number (per lakh aged 5 years & above) of males, females and person having hearing disability from birth or after birth in Kerala during 1981 .. 23
1.27	Estimated number (per one lakh aged 5 years and above) of males, females and persons having speech disability from birth, or after birth in Kerala during 1981 .. 23

TABLE	II. Education	PAGE NO.
2.1	Literacy rates in Kerala—sex-wise 1901 to 1981 ..	24
2.1.1	Literacy rates in Kerala—sex-wise and district-wise for 1971 and 1981 ..	27
2.1.2	Literacy rates for all ages, above 5, 10, 15, 35 and above by sex for Kerala and India—sex-wise in Rural and Urban areas for 1971 and 1981 ..	28
2.1.3	General literacy rates of Kerala—Rural and urban break up 1981—District-wise ..	29
2.1.4	General literacy rates of Scheduled Castes and Scheduled Tribes in Kerala 1981—sex-wise and district-wise ..	30
2.1.5	State-wise literacy rates by sex for 1971 and 1981. ..	31
2.2	Education levels in Kerala in Rural and Urban areas (sex-wise) (1971 Census) ..	32
2.2.1	Enrolment of students in schools in Kerala—sex wise ..	33
2.2.2	Sex-wise and standard-wise enrolment in schools in Kerala for the years 1977-78 to 1982-83 ..	34
2.2.3	District-wise number and percentage distribution of boys and girls in schools for the year 1980-81 ..	36
2.2.4	Number of students that passed S.S.L.C. Examination in Kerala by sex—1971-72 to 1982-83 ..	37
2.2.5	Percentage of pass in the S.S.L.C. Examination by sex for the years 1977-78 to 1982-83 ..	37
2.2.6	Percentage of pass in S.S.L.C. Examination conducted in March 1980—sex-wise and educational district-wise ..	38
2.2.7	Wastage in school education in Kerala—1970-71 to 1979-80—sex-wise ..	39
2.2.8	Enrolment of students in Basic Training Schools by sex—1961-62, 1970-71 and 1978-79 to 1980-81 ..	39

TABLE	PAGE No
2.2.9	Out-turn of T. T. C Holders in Kerala by sex— 1971-72 to 1980-81 .. 40
2.2.10	Proportion (percent) of persons attending school/ college in the age group 5—9 and 10—14 by sex (1981) State-wise .. 41
2.2.11	Teachers in school education in Kerala—sex-wise .. 41
2.2.12	Teachers in Schools in Kerala—District-wise and Sex-wise .. 42
2.3	Enrolment of students in Arts and Science Colleges of Kerala—sex-wise—course-wise for the year 1981-82 .. 43
2.3.1	Student strength in Arts & Science Colleges 1981- 1982 sex-wise and district-wise .. 44
2.3.2	Number of post-Graduate students in University Departments of Kerala and Calicut Universities for the year 1981-82—sex-wise .. 46
2.3.3	Percentage of pass in different courses of studies under Kerala University for the years 1971-72 and 1980-81 (sex wise) .. 48
2.3.4	Teaching staff in Arts & Science colleges and Training Colleges in Kerala by sex and district for 1981-82 .. 49
2.4.1	Student strength in the College of Agriculture' Vellayani-by sex during 1981-82 .. 50
2.4.2	Student strength in the College of Horticulture, Vella- niĳkara by sex for 1981-82 .. 51
2.4.3	The strength of students in the Diploma Course in the Institute of Agricultural Technology Tavanoor sex-wise 1981-82 .. 52
2.4.4	Student strength in the Veterinary College, Mannuthy—sex-wise for 1981-82 .. 52
2.4.5	Student strength in the College of Fisheries, Panangad sex-wise in 1981-82 .. 53

TABLE	PAGE NO.
2.5.1.	Year-wise and sex-wise Intake and out-turn of graduates of Medicine (M.B.B.S.) .. 54
2.5.2.	Percentage distribution of post graduates according to native District (Modern Medicine) .. 54
2.5.3.	Year-wise and sex-wise Intake and out turn of Medical graduates (B.D.S.) .. 55
2.5.4 (a)	Intake in Female Health Worker and Nursing Schools .. 55
2.5.4 (b)	Number of ANM HW(F) & LHV/HA(F) Training schools with their admission capacity and number in position—State-wise .. 58
2.6.	Intake and total strength of students in various Technical Institutions by sex for the years 1978-79 to 1980-81 .. 60
2.6.1.	Total strength of students in various Engineering Colleges of Kerala 1980-81 .. 62
2.6.2.	District-wise total strength of students in Polytechnics in Kerala—sex-wise for the year 1980-81 .. 63
2.6.3.	Diploma level Enrolement of students in Polytechnics according to branch/subject of study—Sex-wise for the years 1978-79, 1979-80 and 1980-81 .. 65
2.6.4.	Strength of students in Women's Polytechnics in Kerala 1980-81 .. 66
2.6.5.	District-wise strength of students in Junior Technical Schools in Kerala 1980-81—Sex-wise .. 66
2.6.6.	Number of students appeared and passed in Engineering Colleges, Polytechnics and Women Polytechnics for the years 1978-79 to 1980-81—sex-wise .. 67
2.6.7.	Number of students appeared and passed in Junior Technical Schools—sex-wise .. 68
2.6.8.	Intake and out-turn of students in Pre-vocational Training centres for the years 1970-71, 1975-76, 1977-78 to 1980-81—sex-wise .. 68

TABLE	PAGE No.
2.6.9.	Actual Intake and out-turn of students in Tailoring and Garment Making Centres in Kerala—sex-wise .. 69
2.6.10 (a)	Intake and out-turn of full time students in Food Craft Institute Kalamassery—sex-wise .. 70
2.6.10 (b)	Intake and out-turn of part-time students in Food-craft Institute, Kalamassery—sex-wise .. 70
2.6.11.	Strength of teachers in various Engineering Colleges sex-wise .. 71
2.6.12.	Strength of teachers in Polytechnics in Kerala District-wise—sex-wise. .. 72
2.7.	Enrolement of Law Scholars in the Law College, Trivandrum and Law Academy, Trivandrum during 1983-84 .. 73

III. Health

3.	Number of female Doctors and Nurses in Kerala .. 77
3.1.	Number of Medical Institutions per lakh of population (modern medicine) .. 77
3.2.	No. of hospitals and beds for M.C.H. programme .. 78
3.2.1	Inpatient and out patients treated in Government Medical institutions .. 79
3.3.	Achievements in family welfare programme in Kerala—year-wise .. 80
3.4.	Percentage distribution of sterilized persons in Kerala according to No. of children living .. 80
3.5.	Percentage of sterilized persons according to age in Kerala .. 81

IV. Employment and Unemployment

4.1.	Distribution of main workers by broad industrial categories, marginal workers and non-workers 1981 by sex .. 85
------	---

TABLE	PAGE No.
4.2.	Distribution of main workers by industrial categories, marginal workers and non-workers (Rural) 1981 by sex .. 86
4.3.	Distribution of main workers by industrial categories, Marginal workers and non-workers (urban) .. 1981 by sex .. 87
4.4.	Work participation rates 1961, 1971 and 1981 .. sex-wise .. 88
4.5.	Percentage of Agricultural labourers to total population in Kerala (1901-1981)—sex-wise .. 89
4.6.	Estimated number of females engaged in domestic duties and of them the percentage of females engaged in specified activities for all-India and Kerala 1977-78 .. 89
4.7.	Percentage of Employed persons according to usual status current weekly status and current day status to total persons of age 5 and above for Kerala and India by sex and rural/urban residence status during 1977-78 .. 90
4.8.	Teachers in Kerala (School education) sex-wise—Trained and untrained .. 90
4.9.	Number of teachers in Arts and Science Colleges by sex .. 91
4.10.	Number of teaching staff in Training Colleges by sex .. 91
4.11.	Teaching staff in Engineering Colleges in Kerala by sex .. 92
4.12.	Teaching staff in ploytechnics in Kerala by sex .. 92
4.13.	Employment in various departments according to sex.. 93
4.13.1. (a)	Number of Officers in Government Secretariat (from the rank of Under Secretary to the rank of Secretaries) .. 96
4.13.1. (b)	No. of I.A.S. Officers in Kerala as on 1-1-1984 sex-wise. .. 96

TABLE	PAGE No.
4.13.2(a) Staff in the Department of Health Services (Technical)	.. 97
(b) Staff in Medical Colleges (Technical)	.. 97
(c) Staff in Dental Colleges (Technical)	.. 98
(d) No. of Registered Medical Practitioners in Kerala	.. 98
4.13.3. Nursing staff in Government Allopathic Institutions in Kerala	.. 98
(a) Staff position of Rural Family Welfare Centres and sub-centres—state-wise (1981-82)	.. 99
(b) Number of registered Nurses, Midwives, ANMs and Health Visitors (1981)—State-wise.	.. 100
4.13.4(a) Staff in Agriculture Department (Technical only) as on 1-12-1983	.. 101
4.13.4.(b) Staff in Fisheries Department as on 29-2-1984 (Gazetted)	.. 102
4.13.5. Staff in the Kerala Agricultural University for the year 1981-82	.. 103
4.13.6. Staff in the College of Agriculture, Vellayani for the year 1981-82	.. 103
4.13.7 Staff in the Animal Husbandry Department	.. 104
4.13.8 Staff in the College of Veterinary and Animal Science	.. 104
4.13.9. Staff in the College of Fisheries, Panangad.	.. 105
4.13.10.(a) Staff in the Directorate of Economics & Statistics (1983-84)	.. 105
4.13.10.(b) Staff in the State Planning Board	.. 106
4.13.11. Staff in the Department of General Education	.. 106
4.13.12. Staff in the Department of Social Welfare	.. 107
4.13.13. Number of Engineering personnel in the Public Works Department.	.. 107

TABLE	PAGE No.
4.13.14.	Staff in Regional Engineering College, Calicut .. 108
4.13.15	Staff in the T. K. M. College of Engineering, Quilon .. 110
4.13.16.	Staff in Polytechnics and other Commercial Institutions in Kerala during 1981-82 .. 112
4.13.17.	No. of registered lawyers in Kerala as on 6-3-1983 .. 112
4.13.18.	Staff in Law College Trivandrum and Law Academy Trivandrum .. 112
4.14.	Industry-wise distribution of Women Employment in Kerala as on 30-6-1982. .. 113
4.14.1.	Women Employment in Industries and Services in Kerala as on 30-6-1982 .. 113
4.15.	Percentage of Women Employment in Registered Factories from 1976 to 1981 .. 114
4.15.1.	Number and percentage of average daily employment of Women in Registered Factories submitting returns for the year 1976 .. 115
4.15.2.	Number and percentage of average daily employment of women in registered factories submitting returns for the year 1977. .. 116
4.15.3.	Do. for the year 1978 .. 117
4.15.4.	Do. for the year 1979 .. 118
4.15.5.	Do. for the year 1980 .. 119
4.15.6.	Do. for the year 1981 .. 120
4.16.	An indication of participation of women in Registered Factories 1981 (percentage) .. 121
4.17.	Percentage distribution of employed persons in factories by hours at work in Kerala. .. 122
4.18.	Distribution of coir workers in Kerala by age and sex. .. 123

TABLE	PAGE No.
4.19. Plantation-wise average daily employment in Kerala 1980 ..	124
4.20. Plantation-wise average daily employment in States during 1980 ..	124
4.21. Average daily wage rates of unskilled labour in the construction sector (urban) by sex ..	126
4.22. Average daily wage rates of paddy field labour by sex ..	127
4.23. Percentage of persons in the Labour Force during 1977—Sex wise ..	127
4.24. (a) No. of persons unemployed and their percentage 1977-sex wise ..	128
4.24. (b) Percentage of unemployed to total persons in labour force 1977-'78 (sex-wise) ..	128
4.25. No. of persons currently unemployed according to sex and literacy level ..	128
4.26. Percentage distribution of Engineering graduates according to sex and activity status 1981. ..	129
4.27. Professional work seekers in Kerala as on 31-1-1984—(sex-wise) ..	129
4.28. Incidence of unemployment by sex in India & Kerala (1977-78)—sex-wise ..	130
4.29. Percentage of persons classified as 'working' or 'employed' according to usual status but seeking or available for additional work to total persons working by sex and rural urban residence (1977-78) in India and Kerala ..	130
V. Programmes for welfare of women and children in Kerala	
5.1. Scheme for the Payment of Financial Assistance to women for self-employment—Social Welfare Department. ..	133

TABLE	PAGE No.
5.2.	Scheme for the promotion of employment opportunities to women—Social Welfare Department .. 133
5.3.	Special nutrition programmes for children as on 31-12-1983 .. 133
5.4.	Day Care Centres (Government) .. 133
5.5.1.	Creches (voluntary organisations) .. 133
5.5.2.	Creches attached to registered factories in Kerala .. 134
5.6.	Number of inmates in Abalamandirs in Kerala 1980-81 and 1981-82 .. 136
5.7.	Number of working Women's Hostels (Government) .. 136
5.8.	Rescue Homes/After Care Hostel/After-care Home for Adolescents and Home for Handicapped in Kerala for females .. 137
5.9.	Women's programme in C. D. Blocks in Kerala .. 137
5.10.	Statistics of maternity Benefit in respect of factories covered by the Maternity Benefit Act 1961 in Kerala. .. 137
5.11.	Statistics of Maternity Benefits in respect of plantations covered by the Maternity Benefit Act 1961 in Kerala .. 138
5.12.	Maternity Benefits claimed in Factories & Plantations (by States) .. 138
VI. Women Industrial units in Kerala	
6.1.	Number of women Industrial Units and employment generated in Kerala .. 143
6.2.	Women Industrial Units as on 12-10-1983 (district-wise) .. 143
6.3.	Percentage distribution of Women Industrial Units according to nature of enterprise 1981-82 .. 144
6.4.	Classification of workers in women Industrial Units in Kerala 1981-82 .. 144

TABLE	PAGE No.
6.5.	Percentage distribution of workers in Women Industrial Units according to training experience .. 144
6.6.	Distribution of workers in Women Industrial Units in Kerala according to monthly Income (%) .. 145
6.7.	Percentage distribution of Women Industrial Units running on profit and percentage of women Employment (district-wise) .. 145
6.8.	Percentage distribution of women Industrial Units according to nature of returns .. 146
6.9.	Ownership pattern of Women Industrial Units in Kerala .. 146
6.10.	Industrial Management Training imparted to Women entrepreneurs by Industries Department .. 147

VII. Miscellaneous

7.1.	District-wise and category-wise strength of Vanitha Police Force as on 1-12-1983 .. 151
7.2.	N.C.C. Strength in Kerala from 1975-76, 1979-80 to 1982-83 .. 152
7.3.	Non-agricultural, non-credit societies for Women in Kerala as on 30-6-1981 .. 152
7.4.1.	General information on election 1980 .. 153
7.4.2.	Number of constituencies .. 153
7.4.3.	Number of candidates contested in Elections .. 153
7.4.4.	Total number of electorates 1980 .. 153
7.4.5.	Details of Nominations filed in 1980 .. 154
7.4.6.	Cabinet Chronology .. 154
7.5.	Women Members in Block Development Committees & Panchayats .. 154
7.6.	Ministers of State-Government of India .. 154
7.7.	Lady Justice in High Court .. 154

Selected Indicators Relating to India & Kerala

Sl. No.	Items	Unit	Reference period	Kerala	India
(1)	(2)	(3)	(4)	(5)	(6)
1	Area	000 sq.KM.	1981	39	3287
2	Population	Lakh persons	1971	213	5482
3	Density persons per Sq. KM	Lakh persons	1981	255	6852
			1981	654	220 (excluding Assam)
4	Growth rate of population	percentage	1971-81	19	25
5	Sex ratio	Females/000 males	1971	1020	930
			1981	1032	933
6	General Literacy rate (all ages)	%	1971	60.42	29.48
		%	1981	70.42	36.23
7	Female Literacy rate (all ages)	%	1971	54.31	18.70
		%	1981	65.73	24.82
8	Couples per	'000 population	1971	140	170
	"	No.	1981	145	169
9	Mean age at Marriage				
	(a) Males		1971	26.74	22.60
			1981	27.20	23.41
	(b) Females		1971	21.04	17.75
			1981	21.87	18.66
10	Child Women ratio (per 1000)	P(0-4)/F(15-49)	1971	550	655
			1981	409	546
11	Birth rate		1980	26.8	33.7
12	Death rate		1980	7.0	12.6
13	General Fertility rate				
	Rural		1978	89.8	137.3
	Urban		1978	81.7	102.0
14	Work participating rates of Main workers				
	Males		1971	45.00	52.61
			1981	40.77	51.62
	Females		1971	13.49	12.06
			1981	12.77	13.99

<i>Sl. No.</i>	<i>Items</i>	<i>Unit</i>	<i>Reference period</i>	<i>Kerala</i>	<i>India</i>
(1)	(2)	(3)	(4)	(5)	(6)
15	Agricultural labourers	% of total working force	1971 1981	30.69 28.19	26.31 24.99
16	Hospitals	Per '000 Sq. KM of area	1982	19.5	2.1
17	Hospital beds	Per lakh of population	(1st Jan. 1982)	176	70
18	Doctors	"	"	46	39
19	Enrolement of students in Class I to V as percentage of children in age group 6-11		Sept. 1980		
	Boys	%		100.00	99.0
	Girls	%		99.5	66.2
	Total	%		99.8	83.1
20	Enrolement of students in Class 6 to 8 as percentage of children in age group 11-14		Sept. 1980		
	Boys	%		89.0	52.1
	Girls	%		84.0	27.2
	Total	%		86.5	40.0
21	Percapita expenditure on Education	Rs.	1980-81 1981-82(RE) 1982-83(BE)	85 95 103	47 53 57
22	Per capita income at current prices	Rs.	1970-71 1980-81 1981-82	596 1382 1448	633 1571 1750
	do. at 70-71 prices	Rs.	1970-71 1980-81 1981-82	596 619 636	633 700 720
23	Percapita Employment in the organised sector	No. per lakh of Population	March 1982	4015	3360
24	Job seekers	'000	December 1970	294	4069
		'000	March 1980	1243	14690
		'000	March 1983	2051	20120
25	Educated job seekers	% of total job seekers	June 1982	49	49

AREA AND POPULATION

UNIVERSITY OF MICHIGAN

1.1. Area, population and density of population of Districts in Kerala (sex-wise)

State/ District	1971 population			1981 population			Density of popu- lation per sq. km.	Density of popu- lation per sq. km.		
	Area Sq. km.	person	Male	Female	Density of popu- lation per sq. km.	Area in sq. km.			person	Male	Female
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Kerala State	38864.0	21947375	1058785	10759524	549	38863.0	25433680	12527767	12925913	655
Canannore	5706.0	2365164	1172338	1192826	415	4958.0	2803467	1378578	1424889	565
Wynaad	..	..	..	..	..	2132.0	554026	284261	269765	260
Kozhikode	3729.0	2106249	1057764	1048485	569	2345.0	2245265	1111409	1133856	957
Malappuram	3633.0	1856362	909515	946847	510	3548.0	2402701	1170778	1231923	677
Palghat	4400.0	1685342	819571	865771	383	4480.0	2044399	994196	1050203	456
Trichur	3032.0	2128797	1022774	1106023	702	3032.0	2439543	1161675	1277868	805
Ernakulam	2377.4	2163674	1088432	1075242	910	2408.0	2535294	1269174	1266120	1053
Idukki	5087.1	765608	395297	370311	150	5061.0	971636	494999	476637	192
Kottayam	2195.5	1539030	773182	765848	701	2204.0	1697442	848462	848980	770
Alleppey	1884.0	2125722	1048082	1077640	1128	1883.0	2350145	1146407	1203738	1248
Quilon	4623.0	2412821	1205720	1207101	522	4620.0	2813650	1388678	1424972	609
Trivandrum	2192.0	2198606	1095176	1103430	1003	2192.0	2596112	1279150	1316962	1184

Census reports 1971 and 1981.

1.2. Trends in population growth in Kerala during 1881-1981 (sex-wise)

Census year	Population			Decadal Percentage-increase
	Persons	Males	Females	
1881	5219141	2602098	2617043	(Base year)
1891	5823181	2909219	2913962	11.57
1901	6396262	3191466	3204796	9.84
1911	7147673	3559425	3588248	11.75
1921	7802127	3879458	3922669	9.16
1931	9507050	4702951	4804099	21.85
1941	11031541	5443296	5588245	16.04
1951	13549118	6681901	6867217	22.82
1961	16903715	8361927	8541788	24.76
1971	21347375	10587851	10759524	26.29
1981	25453680	12527767	12925913	19.24

Source: Census report-Paper 3 of 1983.

1.3. Percentage of population of Kerala by sex and quinquennial age groups 1971

Age group	1971		
	Male%	Female%	Total%
(1)	(2)	(3)	(4)
0-4	13.62	13.14	13.38
5-9	13.77	13.18	13.47
10-14	13.66	13.18	13.42
15-19	10.65	11.25	10.95
20-24	9.24	9.41	9.32
25-29	6.27	6.72	6.50
30-34	5.55	5.78	5.67
35-39	5.83	6.14	5.99
40-44	4.70	4.61	4.65
45-49	4.71	4.32	4.51
50-54	3.32	3.16	3.24
55-59	2.72	2.62	2.68
60	5.96	6.47	6.22
Total	100.00	100.00	100.00

Source: Census of India 1971

1.4. Percentage distribution of population by age and sex ratios (rural) in Kerala during, 1971, 1979 and 1980

Age Group	1971		1979		1980	
	Popula- tion %	Sex ratio*	Popula- tion%	Sex ratio*	Popula- tion%	Sex ratio*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
0-4	13.5	980	12.1	970	12.4	963
5-9	13.6	974	11.7	960	11.5	971
10-14	13.5	983	12.4	978	12.0	980
(0-14)	(40.6)	(976)	(36.2)	(972)	(35.9)	(971)
15-19	10.9	1078	11.5	1023	11.6	1022
20-24	9.2	1046	10.1	1154	10.2	1151
25-29	6.4	1103	8.2	1078	8.1	1081
30-34	5.6	1080	6.2	1099	6.3	1098
35-39	6.0	1080	5.2	1117	5.1	1137
40-44	4.6	1005	4.9	1152	4.9	1145
45-49	4.5	941	4.5	1127	4.5	1169
50-54	3.2	969	3.9	976	3.9	1005
55-59	2.7	982	3.0	975	3.0	966
60-64	2.3	1044	2.4	1071	2.5	1037
65-69	1.6	1086	1.7	1040	1.7	1051
70 & above	2.4	1116	2.2	1130	2.3	1125
All ages	100.00	1020	100.00	1041	100.00	1043

* Sex ratio No. of females per 1000 males

Source: Sample registration annual report No.18.

1.5. Sex ratio of population by districts in Kerala (1981)

Districts	Sex ratio females per 1000 males		
	Rural	Urban	Total
Trivandrum	1034	1018	1030
Quilon	1027	1018	1026
Alleppey	1052	1038	1050
Kottayam	999	1014	1001
Idukki	962	976	963
Ernakulam	1000	993	998
Trichur	1108	1070	1100
Palghat	1059	1034	1056
Malappuram	1054	1026	1052
Kozhikode	1025	1008	1020
Wynad	949	..	949
Cannanore	1033	1037	1034
State	1034	1021	1032

Source: Census of India 1981.

1.6. District-wise distribution of scheduled castes and scheduled tribes in Kerala (Sex-wise) 1981

State/ District	Total/ Rural/ Urban	Scheduled Castes			Scheduled Tribes			Percentage to total population	
		Persons	Males	Females	Persons	Males	Females	Scheduled caste	Scheduled tribe
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Kerala	Total	2549382	1260874	1288508	261475	131243	130232	10.02	1.03
	Rural	2240011	1107512	1132499	256485	128675	127810	10.83	1.24
	Urban	309371	153362	156009	4990	2568	2422	6.48	0.10
1. Cannanore	Total	143744	71963	71781	39704	20144	19560	5.13	1.42
	Rural	118620	59520	59100	39400	19978	19422	5.52	1.83
	Urban	25124	12443	12681	304	166	138	3.83	0.05
2. Wynaad	Total	21130	10935	10195	95557	47547	48010	3.81	17.25
	Rural	21130	10935	10195	85557	47547	48010	3.81	17.25
	Urban	..	..	..	..	..	..	..	..
3. Kozhikode	Total	161715	80254	81461	3888	1954	1934	7.20	0.17
	Rural	134989	67034	67955	3768	1878	1890	8.26	0.23
	Urban	26726	13220	13506	120	76	44	4.38	0.02
4. Malappuram	Total	208018	102457	105561	7955	3871	4084	8.66	0.33
	Rural	197280	97172	100108	7937	3860	4077	8.87	0.36
	Urban	10738	5285	5453	18	11	7	6.04	0.01

(1)	(2)	(3)	(4)	₹5	(6)	(7)	(8)	(9)	(10)
5. Palghat	Total	376424	184536	191888	29794	14553	14241	18.41	1.41
	Rural	351169	172068	179101	29720	14513	14207	19.11	1.56
	Urban	25255	12468	12787	74	40	34	12.22	0.04
6. Trichur	Total	302085	147787	154298	3227	1666	1561	12.38	0.13
	Rural	259520	126864	132656	3195	1648	1547	13.48	0.17
	Urban	42565	20923	21642	32	18	14	8.27	0.01
7. Ernakulam	Total	216443	108012	108431	3551	1828	1723	8.54	0.14
	Rural	157602	78423	79179	1855	976	879	10.28	0.12
	Urban	58841	29589	29252	1696	852	844	5.87	0.17
8. Idukki	Total	133177	66897	66280	38712	19733	18979	13.71	3.98
	Rural	130690	65654	65036	38263	19520	18743	14.10	4.13
	Urban	2487	1243	1244	449	213	236	5.57	1.01
9. Kottayam	Total	119377	59926	59451	15227	7567	7660	7.03	0.90
	Rural	109601	55007	54594	15054	7479	7575	7.12	0.98
	Urban	9776	4919	4857	173	88	85	6.14	0.11
10. Alleppey	Total	235423	116725	118698	3273	1638	1635	10.02	0.14
	Rural	217328	107767	109561	2536	1251	1285	10.99	0.13
	Urban	18095	8958	9137	737	387	350	4.84	0.20

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11. Quilon	Total	347567	172342	175225	7442	3758	3684	12.35	0.26
	Rural	316863	157187	159681	6812	3426	3386	12.97	0.28
	Urban	30699	15155	15544	630	332	298	8.29	0.17
12. Trivandrum	Total	284279	139040	145239	14145	6984	7161	10.95	0.54
	Rural	225214	109881	115333	13388	6599	6789	11.61	0.69
	Urban	59065	29159	29906	757	385	372	9.01	0.12

1.7. Percentage distribution of population according to marital status in Kerala (1971) sex-wise

Marital	1971	
	Total	Females
Never married	58.3	53.3
Married	35.6	36.0
Widowed	5.1	9.0
Divorced or separated	1.0	1.7
Unspecified	..	..
Total	100.00	100.00

Source: Census of India 1971.

1.8. Percentage distribution of population by Marital Status in Kerala by Age Groups 1971 (sex-wise)

All groups	Total population		Never married		Married		Widowed		Divorced or separated		unspecified status	
	(1)	(2)	(3)		(4)		(5)		(6)		(7)	
			Male	female	Male	Female	Male	Female	Male	Female	Male	Female
10-14	Total	50.49	49.51	99.98	99.46	0.02	0.52	..	..	..	0.02	..
	Rural	50.43	49.57	99.98	99.43	0.02	0.55	..	..	..	0.02	..
	Urban	50.80	49.20	99.99	99.59	0.01	0.40	..	..	..	0.01	..
15-19	Total	48.22	51.78	99.37	80.97	0.61	18.13	..	0.11	0.02	0.79	..
	Rural	48.12	51.88	99.32	80.61	0.66	18.41	..	0.11	0.02	0.87	..
	Urban	48.69	51.31	99.64	82.75	0.36	16.76	..	0.07	..	0.42	..
20-24	Total	49.14	50.86	82.53	32.74	17.19	64.16	0.04	0.77	0.24	2.33	..
	Rural	48.88	51.12	81.22	31.74	18.46	64.97	0.05	0.80	0.27	2.49	..
	Urban	50.35	49.65	88.50	37.64	11.34	60.20	0.14	0.60	0.02	1.56	..
25-29	Total	47.88	52.12	39.40	9.34	59.89	85.49	0.10	1.90	0.61	3.27	..
	Rural	47.54	52.46	37.03	8.74	62.09	85.89	0.21	1.92	0.67	3.45	..
	Urban	49.47	50.53	49.60	12.29	49.88	83.52	0.11	1.80	0.41	2.39	..
30-34	Total	48.57	51.47	14.55	5.27	84.34	86.87	0.34	3.86	0.77	4.00	..
	Rural	48.08	51.92	13.57	4.94	85.23	87.08	0.35	3.78	0.85	4.20	..
	Urban	50.88	49.12	18.93	6.94	80.36	85.33	0.27	4.23	0.44	3.00	..

35-39	Total	48.31	51.69	5.76	3.74	92.93	85.11	0.57	7.17	0.74	3.98	..
	Rural	48.08	51.92	5.27	3.54	93.36	85.34	0.59	7.00	0.78	4.12	..
	Urban	49.53	50.47	8.16	4.78	90.83	83.94	0.49	8.04	0.52	3.24	..
40-44	Total	49.53	50.47	3.74	3.50	94.45	78.85	1.02	13.35	0.79	4.30	..
	Rural	50.06	49.94	3.44	3.30	94.67	79.25	1.05	12.98	0.84	4.47	..
	Urban	49.87	50.13	5.17	4.53	93.37	76.79	0.89	15.19	0.57	0.49	..
45-49	Total	51.03	48.97	2.87	3.05	94.63	72.89	1.76	20.27	0.74	3.79	..
	Rural	51.76	48.34	2.59	2.77	94.80	73.65	1.84	19.67	0.77	3.91	..
	Urban	51.53	48.47	4.21	4.47	93.79	68.96	1.35	23.39	0.64	3.18	0.01
50-54	Total	52.92	47.08	2.56	2.93	93.55	61.51	3.04	31.98	0.85	3.58	..
	Rural	50.83	49.17	2.35	2.67	93.73	62.57	3.07	30.98	0.85	3.78	..
	Urban	50.79	49.21	3.60	4.24	92.63	56.10	2.89	37.08	0.88	2.58	..

Source: Census of India 1971.

1.9 Marriage rate per 1000 population of each sex under different age groups in Kerala (Rural) for the year 1980 (figures in brackets are percentages)

Age	First marriage		Remarriage		All marriages	
	Male	Female	Male	Female	Male	Female
(1)	(2)	(3)	(4)	(5)	(6)	(7)
15-19	2.11 (2.23)	42.09 (34.06)	..	0.62 (10.23)	2.11 (2.09)	42.71 (32.95)
20-24	34.54 (30.12)	63.64 (47.94)	0.94 (12.36)	1.84 (28.41)	35.48 (29.02)	65.48 (47.03)
25-29	63.42 (45.62)	27.43 (16.00)	2.58 (28.09)	2.76 (32.95)	66.00 (44.54)	30.19 (16.79)
30-34	32.84 (18.25)	3.90 (1.78)	3.47 (29.21)	1.46 (13.64)	36.31 (18.93)	5.36 (2.33)
35-39	6.85 (3.04)	0.15 (0.06)	1.84 (12.36)	0.89 (6.82)	8.69 (3.62)	1.04 (0.37)
40-44	0.88 (0.37)	0.46 (0.16)	0.86 (5.62)	0.46 (3.41)	1.76 (0.69)	0.92 (0.32)
45-49	0.97 (0.37)	..	2.13 (12.36)	0.65 (4.55)	3.10 (1.11)	0.66 (0.21)
All	22.49 (100.00)	27.23 (100.00)	1.48 (100.00)	1.33 (100.00)	23.97 (100.00)	28.56 (100.00)

Source: Sample registration report, Directorate of Economics & Statistics.

1.10 Selected nuptiality indicators 1971-1981

India/State	Percentage of married Females to total		Females in age group				Mean age at marriage				Couples per 1000 Population		
	15-44		15-19		20-24		Males		Females		+		
	1971	1981	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
India	83.90	80.48	55.41	43.47	88.83	88.44	22.60	23.41	17.75	18.66	170	169	
1. Andhra Pradesh	85.35	84.09	66.86	56.27	92.66	90.38	22.80	23.10	16.84	17.59	180	181	
2. Bihar	90.45	88.56	76.20	64.06	95.25	93.39	20.20	21.63	16.37	17.08	187	181	
3. Gujarat	80.72	76.29	39.48	26.86	88.59	82.86	22.30	23.15	18.61	19.62	164	167	
4. Haryana	87.37	80.64	61.03	47.44	93.92	88.92	20.87	21.91	17.26	18.22	161	162	
5. Karnataka	80.45	76.11	49.61	36.17	86.84	78.78	25.08	25.91	18.14	19.40	164	162	
6. Kerala	63.10	60.65	18.13	13.98	64.16	57.74	26.74	27.20	21.04	21.87	140	145	
7. Madhya Pradesh	91.02	87.07	77.88	62.71	95.37	91.75	20.28	20.85	16.27	17.19	178	176	
8. Maharashtra	83.80	79.76	53.13	38.09	88.12	83.97	23.63	24.34	17.89	18.93	171	169	
9. Orissa	85.45	77.42	56.70	30.93	92.31	86.78	24.19	22.60	17.49	19.10	175	164	
10. Punjab	73.64	69.39	22.32	14.12	77.60	67.41	23.34	24.45	20.24	21.12	143	147	
11. Rajasthan	91.21	88.54	75.46	64.25	96.63	94.71	20.07	20.77	16.33	17.02	170	174	
12. Tamil Nadu	75.98	72.66	26.77	22.83	81.19	75.74	25.93	25.99	19.60	20.25	169	168	
Uttar Pradesh	90.77	88.42	72.95	60.50	95.34	93.68	19.91	21.13	16.57	18.34	177	171	
West Bengal	79.18	74.66	81.42	37.28	85.03	77.82	24.38	25.70	18.22	19.40	152	160	

+ Refers to Number of currently married females in age group 15-44/'000s persons of all ages

Refers to Singulate mean age at marriage worked out by Majinalx method.

Source.—Census of India 1981 Series—I Paper 2 of 1983

Figures shown in column (2) (4) (6) include Assam All others Figures Exclude Assam

1.11. Proportion of population in age groups 0-4 and 5-9 (1971 & 1981) child-women ratios (1961, 1971 and 1981) and dependency ratio (1981)

India/State	Percentage of population in						Child-women ratio						
	0-4		5-9		p(0-4)		F (15-49)		p (5-9)		F (20-54)		Depen- dency ratio 1981 **
	1971	1981	1971	1981	1961	1971	1981	1971	1981	1961	1971	1981	
INDIA*	14.51	12.59*	14.96	14.07*	659	655	546*	711	755	695*	695*	854*	
Andhra Pradesh	13.83	12.16	14.63	14.25	589	599	514	654.	694	666	666	829	
Bihar	14.59	13.37	15.79	15.37	661	648	597	750	766	763	763	935	
Gujarat	14.45	12.42	15.32	13.38	699	651	518	748	787	648	648	809	
Haryana	15.72	13.34	15.93	14.34	830	781	620	855	924	788	788	931	
Karnataka	14.91	12.50	14.87	13.96	660	652	538	754	762	689	689	858	
Kerala	13.38	10.77	13.47	11.49	638	550	409	698	665	525	525	741	
Madhya Pradesh	16.04	13.59	15.80	14.68	704	747	611	672	806	748	748	901	
Maharashtra	14.39	11.98	14.68	13.40	651	643	513	696	728	641	641	914	
Orissa	14.24	11.86	15.25	14.40	588	636	507	887	750	708	708	853	
Punjab	12.98	11.84	14.29	12.38	732	611	512	849	794	634	634	806	
Rajasthan	15.51	14.13	15.71	15.03	727	728	656	741	816	794	794	946	
Tamil Nadu	13.09	11.17	13.17	11.94	547	531	435	560	590	529	529	706	
Uttar Pradesh	14.67	13.51	14.88	15.28	663	685	629	700	761	792	792	946	
West Bengal	14.57	11.50	15.24	13.54	697	700	493	807	844	683	683	739	

Source: Census of India 1981, Paper 2 of 1983 Series I.

* Excludes Assam.

** Dependency ratio has been calculated as number of persons in age groups 0-14 and above per 1000 persons in age group 15-59.

1.12. Expectation of Life at Birth in Kerala (Rural) (Sex-wise)

<i>Decade</i>	<i>Male</i>	<i>Female</i>
1911-20	25.49	27.41
1921-30	29.54	32.70
1931-40	33.19	35.00
1941-50	39.89	42.34
1951-60	46.17	50.00
1971-73	60.62	62.08
1975-77	62.53	65.17
1976-78	63.63	66.19
1977-79	63.82	66.91
1978-80	64.23	67.88

Source: D.E.S.

1.13. Estimated Birth & Death rates in Kerala and India for the years 1980-81

	<i>Annual rate per 1000 population</i>			
	<i>Birth rate</i>		<i>Death rate</i>	
	1980	1981	1980	1981
Kerala Combined	26.8	26.0	7.0	7.2
Rural	27.0	26.4	7.1	7.1
Urban	25.5	23.3	6.5	8.3
India Combined (including Bihar and West Bengal)	33.7	33.9	12.6	12.5
Rural	35.1	35.5	13.7	13.6
Urban	27.8	26.9	7.9	7.8

Source: Family Welfare Programme, year book 1981-82.

1.14. Age specific death rate (Rural) (Based on estimated values 1980) of Kerala

	<i>Male</i>	<i>Female</i>	<i>All</i>
All Ages	7.88	6.94	7.40
0-1	48.01	38.01	42.44
1-4	4.18	5.31	4.66
5-9	1.44	1.67	1.52
10-14	0.66	0.92	0.78
15-19	1.14	0.87	1.00
20-24	1.32	1.52	1.39
25-29	1.90	1.21	1.54
30-34	3.63	2.25	2.85
35-39	4.62	1.88	3.16
40-44	4.91	3.23	4.02
45-49	7.51	2.97	5.07
50-54	10.87	6.45	8.66
55-59	14.67	10.51	12.62
60-64	24.78	17.70	20.86
65-69	49.79	39.45	43.84
70+	96.44	87.45	93.13

Source: Annual report No. 18 Sample registration.

1.15. Number of Maternal death by age at death in Kerala during 1977

<i>Age at death</i>	<i>Total</i>	<i>Rural</i>
Below 15	27	26
15-19	13	10
20-24	14	13
25-29	13	11
30-34	10	7
35-39	9	8
40-44	5	5
45-49	2	2
50 & above	12	12
Age not stated	1	1
All ages	106	95

Source: Vital Statistics Bulletin No. 41.

1.16. Age specific fertility rates in Kerala (Rural)

Age Group of Women	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
15—19	49.1	50.6	48.8	44.5	41.6	42.7	44.2	43.6	48.5	47.0
20—24	213.9	212.6	206.5	179.3	188.5	193.4	186.2	183.2	184.8	197.2
25—29	226.6	238.5	221.8	190.2	194.8	202.3	171.9	169.1	181.4	184.3
30—34	175.8	174.9	153.6	134.3	134.0	137.1	113.1	112.7	121.5	105.8
35—39	118.4	119.3	99.9	86.3	94.1	80.7	75.9	71.4	65.1	59.5
40—44	43.6	45.7	38.6	25.7	29.8	25.3	24.3	22.0	19.4	15.9
45—49	7.0	6.3	6.0	6.9	5.4	6.1	5.6	3.7	5.5	3.6

Source: Annual report of Sample Registration 1980.

1.17. Estimated age specific fertility rates in Kerala during 1975

Age group	Combined	Rural	Urban
15—19	43.1	41.6	51.0
20—24	188.9	188.5	190.6
25—29	193.0	194.8	183.2
30—34	130.0	134.0	109.1
35—39	89.0	94.1	58.0
40—44	27.7	29.8	16.2
45—49	5.8	5.4	8.1

Source: Family Welfare Programme in India—Year Book 1981-82.

1.18. General fertility rate, Total Fertility rate and Gross reproduction rate (Rural) of Kerala for the years 1971 to 1980

Year	General Fertility rate	Total Fertility rate	Gross Reproduction rate
1971	126.7	4.1	2.0
1972	127.9	4.2	2.1
1973	118.4	3.9	1.9
1974	104.0	3.3	1.6
1975	108.0	3.4	1.6
1976	109.0	3.4	1.7
1977	99.4	3.1	1.5
1978	97.7	3.0	1.5
1979	101.3	3.1	1.5
1980	101.1	3.1	1.5

Source: Sample registration—Kerala Rural—Annual report No. 18.

1.19. Fertility Indices of Kerala for the year 1978

	General fertility rate	Total fertility rate	Gross reproduction rate
Rural	108.0	3.4	1.6
Urban	103.6	3.1	1.5
Combined	107.3	3.4	1.6

Source: Family Welfare Programme Year Book, 1981-82.

**1.20 General fertility rate and total fertility rate
in Kerala and India during 1972 & 78**

Year	General fertility rate		Total fertility rate	
	Rural	Urban	Rural	Urban
1972	127.9	114.0	4.2	3.6
Kerala				
1978	89.8	81.7	2.8	2.3
1972	165.6	139.8	5.4	4.3
India				
1978	137.3	102.0	4.6	3.2

Source: Family Welfare Programme Year Book 1981-82.

**1.21 General Marital Fertility Rate (GMFR) and Total
Marital Fertility Rate (TMF) during
1972 & 1978 in Kerala & India**

	General Marital Fertility rate (GMFR)				Total Marital Fertility rate			
	Rural		Urban		Rural		Urban	
	1972	1978	1972	1978	1972	1978	1972	1978
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Kerala	184.1	145.3	180.2	136.0	6.9	4.8	6.8	4.7
India	190.8	170.2	172.9	143.6	6.8	5.4	6.0	4.6

Source: Family Welfare Programme in India Year Book 1981-82.

1.22 Average number of children born per women in Kerala by age (1981)

Age group of women	Total	Rural	Urban
15-19	0.06	0.06	0.06
20-24	0.74	0.75	0.68
25-29	1.94	1.99	1.74
30-34	2.91	2.96	2.71
35-39	3.89	3.96	3.60
40-44	4.49	4.57	4.16
45-49	4.99	5.07	4.63
50+	5.03	5.11	4.70

Source: Census report—paper 2 of 1983—Series 1—India

1.23 Immigrants, outmigrants and netmigrants in Kerala during 1971&1981 by sex ('000)

	1971		1981	
	Male	Female	Male	Female
Inmigrants	137.26	126.00	176.18	179.54
Outmigrants	586.31	356.33	631.66	480.07
Netmigrants	(-)-499.05	(-)-230.33	(-)-455.48	(-)-300.53

Source: Census of India Paper 2 of series 1.

1.24 Estimated Number (per lakh) of Males, Females and persons visually disabled by sex and age group for Rural & Urban areas in Kerala during 1981

Age group	Rural			Urban		
	Male	Female	Persons	Male	Female	Persons
0-4	..	..	..	125	80	104
5-14	39	57	48	43	53	48
15-39	85	66	75	157	42	97
40-59	146	225	187	245	357	300
60 & above	1899	2809	2353	1532	3508	2643
All ages	219	291	255	228	377	303

Source: Sarvekshana—July—October 1983—N.S.S.C. Journal

1.25 Estimated Number (per one lakh) of males females and persons having no light perception from birth or after birth in Kerala during 1981

Having light perception	Rural			Urban		
	Male	Female	Persons	Male	Female	Persons
From Birth	8	7	7	9	1	5
Not from birth	51	76	64	96	83	89
Total	59	83	71	105	84	94

Source: Sarvekshana—July—October 1983—N.S.S.O. Journal

1.26 Estimated Number (per one lakh aged 5 years & above) of Males, Females and Persons Having Hearing Disability from Birth or after birth in Kerala during 1981

Having disability	Rural			Urban		
	Male	Female	Persons	Male	Female	Persons
From birth	208	167	187	219	149	184
Not from birth	282	322	302	239	219	229
Total	490	489	489	458	368	413

Source: Sarvekshana—July—October 1983—N.S.S.O.—Journal

1.27 Estimated Number (per one lakh aged 5 years & above) of Males Females and Persons having speech disability from birth or after birth in Kerala during 1981

Having disability	Rural			Urban		
	Male	Female	Persons	Male	Female	Persons
From birth	405	219	310	490	225	356
Not from birth	132	85	108	152	78	114
Total	537	304	418	642	303	470

Sources: Sarvekshana—July—October 1983—N.S.S.O. Journal

1.28 Selected nuptiality indicators 1971-1981

India/State	Percentage of married Females total						Females in age-group						Mean age at marriage @						Couples per 1000 Population*	
	15-44		15-19		20-24		Males		Females		Males		Females							
	1971	1981	1971	1981	1971	1981	1971	1981	1971	1981	1971	1981	1971	1981	1971	1981	(12)	(13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)								
India*	83.90	80.48	55.41	43.47	88.83	88.44	22.60	23.41	17.75	18.66	170	169								
1. Andhra Pradesh	85.35	94.09	66.86	56.27	92.66	90.38	22.80	23.10	16.84	17.59	180	181								
2. Bihar	90.45	88.56	76.20	64.06	95.25	93.39	20.20	21.63	16.37	17.08	187	181								
3. Gujarat	80.72	75.29	39.48	26.86	88.59	82.86	22.30	23.15	18.61	19.62	164	167								
4. Haryana	87.37	80.64	61.03	47.44	93.92	88.81	20.87	21.91	17.26	18.22	161	162								
5. Karnataka	80.45	76.11	49.61	36.17	86.84	78.78	25.08	25.91	18.14	19.40	164	162								
6. Kerala	63.10	60.65	18.13	13.98	64.16	57.74	26.74	27.20	21.04	21.87	140	145								
7. Madhya Pradesh	91.02	87.07	77.88	62.71	95.37	91.75	20.28	20.85	16.27	17.19	178	176								
8. Maharashtra	83.80	79.76	53.13	38.09	88.12	83.97	23.63	24.34	17.89	18.93	171	169								
9. Orissa	85.45	77.42	56.70	30.93	92.31	86.78	22.60	24.19	17.49	19.10	175	164								
10. Punjab	73.64	69.39	22.32	14.12	77.60	67.41	23.34	24.45	20.24	21.12	143	147								
11. Rajasthan	91.21	88.54	75.46	64.25	96.63	94.71	20.07	20.77	16.33	17.02	179	174								
12. Tamil Nadu	75.98	72.66	26.77	22.83	81.19	75.74	25.93	25.99	19.60	20.25	169	168								
Uttar Pradesh	90.77	88.42	72.95	60.50	95.34	93.68	19.91	21.13	16.57	18.34	177	171								
West Bengal	79.18	74.66	51.42	37.28	85.03	77.82	24.38	25.70	18.22	19.40	152	160								

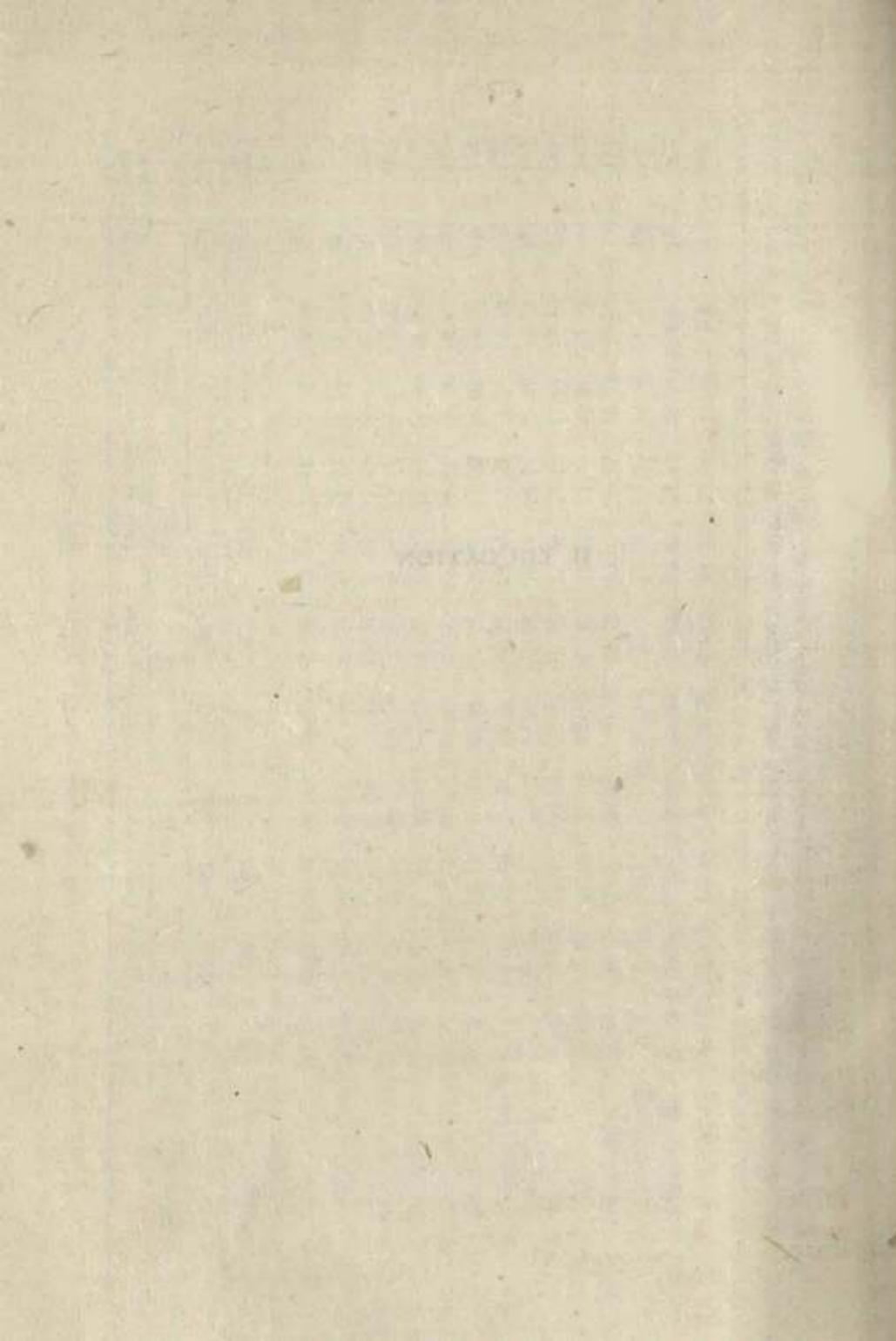
* Refers to Number of currently married females in age group 15-44/000 s persons of all ages

@ Refers to Singulate mean age at marriage worked out by Hajnal's method.

Source: Census of India 1981 Series-I Paper 2 of 1983.

Figures shown in column (2) (4) (6) include Assam All other Figures Exclude Assam.

II EDUCATION



2.1. Literacy Rates in Kerala—1901-81 (Sex-wise)

Census year	Persons	Males	Females
1901	11.14	19.15	3.15
1911	13.31	22.25	4.43
1921	19.02	27.88	10.26
1931	21.34	30.89	11.99
1941	Not available		
1951	40.47	49.79	31.41
1961	56.85	54.97	38.90
1971	60.42	66.62	54.31
1981	70.42	75.26	65.73

Source: Census reports

2.1.1 Literacy in Kerala—Sex-wise & District-wise
(Literacy in Percentage)

Districts	1971			1981		
	Male	Female	Persons	Male	Female	Persons
Trivandrum	68.64	56.48	62.54	75.29	65.85	70.50
Quilon	70.10	59.84	64.97	78.10	70.21	74.11
Alleppey	75.22	65.79	70.44	82.12	75.10	78.52
Kottayam	76.18	69.55	72.88	83.96	79.35	81.66
Idukki	62.21	50.25	56.42	72.15	62.55	67.44
Ernakulam	70.52	60.16	65.37	80.75	72.88	76.82
Trichur	66.35	57.23	61.61	77.31	70.21	73.59
Palghat	54.58	39.22	46.69	64.81	51.55	58.00
Malappuram	55.32	40.78	47.90	65.93	55.34	60.50
Kozhikode	67.65	49.94	58.77	76.56	63.82	70.12
Wynad	54.95	39.07	47.33	64.81	51.51	58.33
Cannanore	63.67	47.06	55.27	72.20	59.48	65.74
State	66.62	54.31	60.42	75.26	65.73	70.42

2.1.2. Literacy rates for all ages, above 5, 10, 15, 35 & above by sex

	Kerala						India					
	1971		1981		1971		1981		1971		1981	
	Persons	Male	Female	Persons	Male	Female	Persons	Male	Female	Persons	Male	Female
All ages	Total	60.42	66.62	54.31	70.42	65.73	29.48	39.52	18.70	36.23	46.89	24.82
	Rural	59.28	65.57	53.10	69.11	64.25	23.69	33.76	13.08	29.65	40.79	17.96
	Urban	66.31	71.99	60.62	76.11	72.20	52.37	61.24	42.05	57.40	65.83	47.82
5 and above	Total	69.75	77.13	62.53	78.92	84.67	36.46	46.01	21.95	41.44	53.48	28.47
	Rural	68.54	76.06	61.22	77.62	83.59	27.81	39.52	15.40	34.04	46.74	20.65
	Urban	75.92	82.50	69.33	84.48	89.25	60.15	69.80	48.73	64.89	74.00	54.41
10 and above	Total	72.84	81.62	64.33	80.99	87.72	36.84	49.92	22.60	43.52	56.99	28.99
	Rural	71.65	80.62	63.00	79.67	86.69	29.88	43.18	15.81	35.34	50.03	20.86
	Urban	78.83	86.57	71.13	86.53	92.05	62.98	73.79	49.94	67.23	77.31	55.43
15 & above	Total	69.15	79.37	59.35	78.14	85.98	34.04	47.69	19.32	40.76	54.84	25.68
	Rural	67.76	78.19	57.82	76.58	84.74	26.98	40.51	12.88	32.70	47.27	17.57
	Urban	76.02	85.08	67.08	86.53	92.05	60.28	72.42	45.42	65.13	76.36	51.88
35 & above	Total	55.66	70.16	41.44	63.90	77.16	25.16	37.97	10.75	30.18	44.61	14.44
	Rural	54.14	68.69	39.89	61.78	75.29	19.40	31.23	6.47	23.17	37.96	8.62
	Urban	63.41	77.66	49.38	73.03	85.23	49.33	64.47	30.18	54.25	69.42	35.91

2.1.3. General Literacy Rates Rural Urban Break up 1981

	Total Literates			Male Literates			Female Literates		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
Kerala	70.42	69.11	76.11	75.26	74.13	80.10	65.73	64.25	72.20
Cannanore	65.74	62.86	75.14	72.20	69.96	79.56	59.48	55.99	70.88
Wynad	58.33	58.33	..	64.81	64.81	..	51.51	51.51	..
Kozhikode	70.12	68.39	74.22	76.56	75.55	79.23	63.82	61.80	69.25
Malappuram	60.50	60.34	62.54	65.93	65.80	67.53	55.34	55.16	57.68
Palghat	58.00	56.54	71.00	64.81	63.49	76.42	51.55	49.97	65.76
Trichur	73.59	72.16	78.93	77.31	76.00	82.10	70.21	68.69	75.97
Ernakulam	76.82	75.29	79.15	80.75	79.48	82.68	72.88	71.11	75.60
Idukki	67.44	67.07	75.05	72.15	71.84	78.54	62.55	62.12	71.46
Kottayam	81.66	81.51	83.04	83.96	83.84	85.12	79.35	79.18	80.99
Alleppey	78.52	78.47	78.83	82.12	82.02	82.64	75.10	75.09	75.15
Quilon	74.11	74.16	73.75	78.10	78.19	77.52	70.21	70.24	70.05
Trivandrum	70.50	68.84	75.42	75.29	73.90	79.38	65.85	63.94	71.53

Sources: Census 1981.

**2.1.4 Literacy Rates of Scheduled Castes and Scheduled Tribes
in Kerala (1981) Sex-wise & District-wise**

State/District	Literacy rates					
	Scheduled Castes			Scheduled Tribes		
	Male	Female	All	Male	Female	All
<i>Kerala</i>	62.33	49.73	55.96	37.52	26.02	31.79
1. Cannanore	53.82	40.29	47.06	43.04	23.02	33.18
2. Wyanad	55.67	39.96	48.09	27.30	14.24	20.74
3. Kozhikode	69.27	55.36	62.26	25.95	16.91	21.45
4. Malappuram	54.17	41.45	47.71	19.94	12.90	16.33
5. Palghat	49.85	34.31	41.93	16.02	7.97	12.04
6. Trichur	63.52	53.02	58.16	34.33	25.18	29.90
7. Ernakulam	68.89	57.34	63.10	55.74	49.27	52.60
8. Idukki	57.76	39.68	48.76	47.23	39.33	43.35
9. Kottayam	76.29	67.24	71.79	75.51	71.78	73.63
10. Alleppey	73.72	62.27	67.95	58.67	48.75	53.71
11. Quilon	63.69	51.75	57.67	53.54	46.99	50.30
12. Trivandrum	64.41	53.84	59.01	62.87	53.37	58.06

Source: 1981 census reports paper 4.

2.1.5 Literacy Rates by Sex 1971-81 (State-wise)

India/State	1971			1981		
	Persons	Male	Female	Persons	Male	Female
(1)	(2)	(3)	(4)	(5)	(6)	(7)
India	29.48	39.52	18.70	36.23	46.89	24.82
Andhra Pradesh	24.57	33.18	15.75	29.94	39.26	20.39
Bihar	19.94	30.64	8.72	26.20	38.11	13.62
Gujarat	35.79	46.11	24.75	43.70	54.44	32.30
Haryana	26.89	37.30	14.89	36.14	48.20	22.27
Karnataka	31.52	41.62	20.97	38.46	48.81	27.71
Kerala	60.42	66.62	54.31	70.42	75.26	65.73
Madhya Pradesh	22.14	32.70	10.92	27.87	39.49	15.53
Maharashtra	39.18	51.04	26.43	47.18	58.79	34.79
Orissa	26.18	38.29	13.92	34.23	47.10	21.12
Punjab	33.67	40.38	25.90	40.86	47.16	33.69
Rajasthan	19.07	28.74	8.46	24.38	36.30	11.42
Tamil Nadu	39.46	51.78	26.86	46.76	58.26	34.99
Uttar Pradesh	21.70	31.50	10.55	27.16	38.76	14.04
West Bengal	33.20	42.81	22.42	40.94	50.67	30.25

Source: Census of India 1981 Series -1 paper 2 of 1983.

2.2. Education levels in Kerala in Rural & Urban areas 1971 (census) — Sex-wise

Sl. No.	(1)	(2)	URBAN				RURAL			
			Persons (3)	Males (4)	Females (5)	% of females (6)	Persons (7)	Males (8)	Females (9)	% of females (10)
1.	Total	3466449	1735501	1730948	49.93	17880926	8852350	9028576	50.49	
2.	Illiterate	1167786	486192	681594	58.37	7281517	3047563	4233954	58.15	
3.	Literate (without education level)	563570	289430	274140	48.64	3413396	1811439	1601957	46.93	
4.	Primary	858661	453497	405164	47.19	4594175	2499915	2100260	45.72	
5.	Middle	490082	272491	217591	44.40	1686495	942320	744175	44.13	
6.	Matriculation or Higher Secondary	289705	173480	116225	40.12	708970	438660	270310	38.13	
7.	Non-Technical diploma or certificate not equal to degree	4295	1988	2307	53.71	83595	41826	41769	49.97	
8.	Technical diploma not equal to degree	25580	12761	12819	50.11	37978	23468	14510	38.21	
9.	Graduate & above other than technical degree	49732	34841	14891	..	74800	53159	21641	28.93	
10.	Technical degree or diploma equal to degree or post-graduate	17088	10821	6217	36.49	..	..	..	..
11.	(a) Engineering technology	4174	3955	219	5.25	..	..	..	..
	(b) Medicine	3448	2434	1014	29.41	..	..	..	..
	(c) Agriculture, Veterinary, and Dairying	554	504	50	9.03	..	..	..	..
	(d) Teaching	8518	3629	4889	57.40	..	..	..	..
	(e) Others	344	299	45	13.08	..	..	..	..

Source: Census of India 1971—Economic Tables.

2.2.1. Enrolment of Students in Schools in Kerala—Sex wise

Year	Boys	Girls	Total	% of girls to total
(1)	(2)	(3)	(4)	(5)
1975-76	2774413	2520274	5294687	47.60
1980-81	2896774	2706179	5602953	48.30
1981-82	2913751	2737047	5650798	48.44
1982-83	2901909	2744364	5646273	48.60

2.2.2. Sex-wise and Standard-wise enrolment in Schools in Kerala
for the years 1977-78 to 1982-83

Standard	1977-78			1978-79			1979-80		
	Boys (2)	Girls (3)	Total (4)	Boys (5)	Girls (6)	Total (7)	Boys (8)	Girls (9)	Total (10)
I	337792	322227	660019	324908	307619	632527	325687	309990	635677
II	344280	324109	668389	346084	329171	675255	339272	521816	661088
III	325013	300927	625940	333672	316290	649962	339284	320722	660006
IV	319015	296663	615680	318177	299293	617470	328411	303617	634028
V	306975	276240	583215	299871	267149	567020	302868	274964	57882
VI	296881	262092	558973	285540	238851	544391	281937	257309	539246
VII	298429	267657	566086	289563	260356	549919	280243	253947	534190
VIII	227005	203970	430975	255495	235612	489107	265047	235445	500493
IX	190784	174251	365035	209774	196052	405826	232090	218517	450607
X	143018	131998	275016	148519	140933	289452	154526	149649	304175
Total	2789192	2560076	5349268	2811603	2609026	5420629	2849965	2647977	5497942

Table 2.2.2 (Contd.)

Standard	1980-81			1981-82			1982-83		
	Boys (11)	Girls (12)	Total (13)	Boys (14)	Girls (15)	Total (16)	Boys (17)	Girls (18)	Total (19)
I	322763	308716	631479	331704	314175	645879	319798	306498	626296
II	340240	321799	662039	335113	317443	652556	336107	320640	656747
III	332391	313563	645954	331022	313448	644470	322877	307453	630330
IV	337806	317525	655331	330836	312347	643183	326579	308788	635367
V	314666	288465	603131	322046	298779	620825	318617	294973	613590
VI	288528	264045	552573	298862	275846	574708	308236	287943	596179
VII	280987	257697	538684	287608	264073	551681	297804	274624	572428
VIII	260832	234906	495738	256673	236144	492817	259759	239723	499482
IX	242406	226055	468461	235458	222687	458145	232662	223248	455910
X	176155	173410	349565	184429	182105	366534	179470	180474	359944
Grand Total	2896774	2706179	5602953	2913751	2737047	5650798	2901909	2744364	5646273

Source: D. P. I.

2.2.3. District-wise Number and percentage distribution of boys and girls in schools (1980-81)

Revenue District	Boys		Girls		Total	
	Number (2)	Percentage (3)	Number (4)	Percentage (5)	Number (6)	Percentage (7)
Trivandrum	273388	51.20	260547	48.80	533935	100.00
Quilon	327328	51.32	310434	48.68	637762	100.00
Alleppey	273874	51.59	256938	48.41	530812	100.00
Kottayam	199107	50.12	198094	49.88	397201	100.00
Idukki	96315	51.25	91599	48.75	187914	100.00
Ernakulam	289290	50.99	278024	49.01	567314	100.00
Trichur	298388	51.29	283801	48.71	582689	100.00
Palghat	213806	53.10	188805	46.90	402611	100.00
Malappuram	273750	52.53	247376	47.47	521125	100.00
Kozhikode	322917	52.14	896333	47.86	619250	100.00
Cananore	323651	52.70	290391	47.30	614052	100.00
State	2892324	51.69	2702342	48.31	5594666	100.00

Source: D.P.I.

**2.2.4. Number of students that passed S.S.L.C. Examination in Kerala
by Sex 1971-72 to 1981-82**

Year	Boys	Girls	Total	% of girls to total
(1)	(2)	(3)	(4)	(5)
1971-72	48186	36720	84906	43.2
1972-73	47994	38490	86484	44.5
1973-74	40210	32884	73094	44.98
1974-75	65482	55779	121259	46.00
1975-76	54222	51206	105428	48.60
1976-77	51719	51845	103564	50.06
1977-78	83983	56768	140751	40.30
1978-79	84020	79724	163744	48.69
1979-80	89026	86595	175621	49.30
1980-81	82259	85250	167509	50.89
1981-82	91727	96093	187825	51.16
1982-83	96089	95203	191292	49.77

Source: Director of Public Instruction.

2.2.5. Percentage of pass in the S.S.L.C. Examination by Sex

Year	Boys			Girls		
	No. appeared	No. passed	% of pass	No. appeared	No. passed	Percentage of pass
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1978-79	224076	84020	37.50	198469	79724	40.17
1979-80	235708	89026	37.77	220293	86595	39.31
1980-81	221255	82259	37.18	204792	85250	41.63
1981-82	255813	91727	35.86	241971	96098	39.71
1982-83	263514	96089	36.46	249901	95203	38.10

**2.2.6. Percentage of pass in S.S.L.C. Examination conducted in
March 1980—Sex-wise and educational district-wise**

Educational District	Percentage	
	Boys	Girls
(1)	(2)	(3)
1. Kasargode	54.00	52.94
2. Cannanore	51.46	46.79
3. Tellicherry	43.92	43.98
4. Badagara	33.59	27.57
5. Wynad	39.18	40.78
6. Kozhikode	30.93	36.45
7. Malappuram	34.74	31.46
8. Tirur	28.48	27.58
9. Ottappalam	35.60	38.56
10. Palghat	28.05	36.18
11. Chavakkad	30.24	41.40
12. Trichur	39.83	50.59
13. Irinjalakuda	42.19	51.78
14. Ernakulam	37.05	48.45
15. Alwaye	45.03	53.83
16. Muvattupuzha	55.38	56.58
17. Idukki	47.76	51.52
18. Palai	52.85	60.87
19. Kottayam	50.58	57.97
20. Karjirappally	48.19	50.86
21. Thiruvalla	43.33	43.72
22. Alleppey	36.85	38.91
23. Mavelikkara	28.95	33.22
24. Pathanamthitta	39.36	36.51
25. Quilon	26.29	33.77
26. Kottarakkara	29.20	32.74
27. Attingal	23.01	27.55
28. Trivandrum	36.28	43.21
29. Neyyattinkara	21.05	27.70

Source: Educational Statistics 1981.

2.2.7. Wastage in School Education in Kerala 1970-71 to 1979-80 - Sex wise

Year	Standard	Boys			Girls		
		Enrolment	Index of pupils retained	Cumulative % of wastage	Enrolment	Index of pupils retained	Cumulative % of wastage
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1970-71	I	420693	1000	..	379777	1000	..
1971-72	II	383534	912	8.8	334603	881	11.9
1972-73	III	365207	868	13.2	331881	874	12.6
1973-74	IV	349315	830	17.0	318446	839	16.1
1974-75	V	309754	736	26.4	275023	724	27.6
1975-76	VI	280352	666	33.4	247846	653	34.7
1976-77	VII	260717	620	38.0	231247	609	39.1
1977-78	VIII	234628	558	44.2	206742	544	45.6
1978-79	IX	209507	498	50.2	192004	506	49.4
1979-80	X	154240	367	63.3	149364	393	60.7
S.S.L.C. Examination March 1980	} No. appeared } No. passed	151521	360	64.0	147265	388	61.2
		56496	134	86.6	62105	164	83.6

Source: Educational Statistics 1981.

2.2.8. Enrolment of students in Basic Training School by sex

Year	Male	Female	Total	% of females
(1)	(2)	(3)	(4)	(5)
1961-62	3830	3205	7035	45.56
1970-71	1747	2459	4206	58.46
1978-79	1560	3560	5120	69.53
1979-80	1439	4177	5616	74.38
1980-81	1701	4695	6396	73.41

Source: D.P.I.

**2.2.9 Out Turn of T.T.C. Holders in Kerala 1971-72 to
1980-81—Sex-wise**

Year	Boys	Girls	Total
1971-72	1099	1309	2408
1972-73	1027	1547	2574
1973-74	649	942	1591
1974-75	N.A.	N.A.	1305
1975-76	N.A.	N.A.	113 Admission discontinued since 1973-74.
1976-77	N.A.	N.A.	132
1977-78	..	..	..
1978-79	193	210	403
1979-80	979	1043	2022
1980-81	3325	3212	6537

Source: D. P. I.

2.2.10 Proportion (Per cent) of persons attending School/College in the age group 5-9, 10-14 by sex (1981) State-wise

India/State	Age Group					
	5-9			10-14		
	Persons	Males	Females	Persons	Males	Females
(1)	(2)	(3)	(4)	(5)	(6)	(7)
INDIA (*)	38.45	44.33	32.21	50.45	62.07	37.47
Andhra Pradesh	40.51	47.04	33.88	41.12	51.64	29.98
Bihar	25.88	32.96	18.37	41.44	55.41	24.70
Gujarat	44.89	49.97	39.41	60.63	70.35	49.66
Haryana	39.14	46.57	30.70	54.89	71.12	36.23
Karnataka	43.25	48.71	37.78	48.07	58.14	37.80
KERALA	75.10	75.14	75.06	85.96	87.90	83.97
Madhya Pradesh	29.99	37.78	21.90	41.25	55.38	25.34
Maharashtra	52.46	57.60	47.12	62.59	73.07	51.23
Orissa	41.01	48.54	33.58	43.46	56.18	30.42
Punjab	52.00	54.36	49.33	62.85	69.20	55.58
Rajasthan	26.97	36.84	16.28	39.99	58.84	18.68
Tamil Nadu	59.35	63.93	54.61	55.47	65.93	44.62
Uttar Pradesh	25.35	32.08	17.41	43.60	58.46	25.05
West Bengal	36.85	40.77	32.83	52.86	60.18	45.11

(*) Excludes Assam

Source: Census of India, Series-I-Paper 2 of 1983.

2.2.11 Teachers in School Education in Kerala (Sex-wise)

Years	Male	Female	Total	Percentage of female Teachers
1975-76	82096	80289	162385	49.44
1978-79	83430	91390	174825	52.12
1980-81 (P)	82056	93378	175434	53.23
1981-82 (P)	82007	96428	178435	54.04

(P) Provisional

Source: Directorate of Public Instruction.

2.2.12 Number of Teachers in Schools in Kerala—District-wise and Sex-wise as on 15th July

District	1975-76			1980-81			1981-82		
	Men (2)	Women (3)	Total (4)	Men (5)	Women (6)	Total (7)	Men (8)	Women (9)	Total (10)
Trivandrum	7741	7495	15236	7654	8979	16543	8143	9188	17331
Quilon	9891	9034	18725	10157	10523	20680	9909	10907	20816
Alleppey	7160	9446	16606	6728	10462	17190	6045	10810	16855
Kottayam	5633	7099	12732	5609	6952	12561	5569	6960	12529
Idukki	2230	2319	4549	2335	3143	5678	2455	3297	5752
Ernakulam	6121	9872	15993	5780	11752	17532	5856	11857	17713
Trichur	6144	11478	17622	5678	13158	18836	5555	13203	18758
Palghat	6440	5289	11729	5997	6071	12068	6036	6873	12909
Malappuram	8002	4868	12870	9150	6902	16052	9512	7175	16687
Kozhikode	11452	6783	18235	9560	6523	16083	9792	7031	16823
Wynad	..	..	..	1653	1136	2789	1515	1310	2825
Cannanore	11482	6606	18088	11545	7877	19422	11620	7817	19437
Total	82096	80289	162385	82056	93378	175434	82007	96428	178435

Source: D. P. I.

2.3 Enrolment of Students in Arts and Science Colleges of Kerala (Sex-wise) in 1981-82

Course (1)	Male (2)	Female (3)	Total (4)	% of females (5)
Pre-Degree	84987	81836	166823	49.06
Degree	46872	47607	94479	50.39
Post-graduate	3538	3314	6852	48.36
B.Ed.	800	1988	2788	71.31
Music	353	503	856	58.76

Source: Directorate of Collegiate Education.

2.3.1 Students strength in Arts and Science Colleges (1981-82) by Sex—District-wise

District	Pre-Degree				Degree			
	Male	Female	Total	% of female to total	Male	Female	Total	% of female to total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	9437	10192	19629	51.92	5705	24802	30507	81.30
Quilon	11275	11001	22276	49.38	5890	6485	12375	52.40
Alleppey	9217	10931	20148	54.25	4799	5283	10082	52.40
Kottayam	10889	12817	23706	54.06	6488	7246	13734	52.76
Idukki	1022	1273	2295	55.47	413	529	942	56.16
Ernakulam	10159	10612	20771	51.09	6492	6777	13269	51.07
Trichur	8370	8848	17218	51.39	4610	5628	10238	54.97
Palghat	5053	12971	18024	71.96	3043	2652	5695	46.57
Malappuram	4692	2770	7732	35.83	1558	738	2296	32.14
Kozhikode	6855	4422	11277	39.21	4427	3151	7578	41.58
Wynad	781	637	1418	44.92	265	129	394	32.74
Cannanore	7357	4581	11938	38.37	3955	2469	6424	38.43
State	85377	91055	176432	51.61	47645	83889	131534	63.78

Source: D. C. E.

2.3.1 Students strength in Arts and Science Colleges (1981-82) by sex—District-wise
(Contd.)

District	Post-Graduate Degree				Total			
	Male	Female	Total	% of female to total	Male	Female	Total	% of female to total
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
Trivandrum	465	782	1247	62.71	15607	17776	33383	53.25
Quilon	354	422	776	56.96	17519	17793	35312	50.39
Alleppey	219	195	414	47.10	14235	16409	30644	53.55
Kottayam	615	614	1229	49.96	17992	20677	38669	53.47
Idukki	..	..	..	..	1435	1802	3237	55.67
Ernakulam	694	645	1339	48.17	17345	18034	35379	50.97
Trichur	363	229	592	38.68	13343	14705	28048	52.43
Palghat	229	218	447	48.77	8325	6993	15318	45.65
Malappuram	104	27	131	20.61	6624	3535	10159	34.80
Kozhikode	326	105	431	24.36	11608	6940	18548	37.42
Wynad	..	..	..	..	1136	766	1902	40.27
Cannanore	169	77	246	31.30	11481	7127	18608	38.30
State	3538	3314	6852	48.37	136650	132557	269207	49.24

2.3.2 Number of Post-Graduate Students in University Departments—Kerala and Calicut Universities (1981-82)—Sex-wise

Name of Department	Kerala University			Calicut University			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Department of Economics	24	20	44	17	7	24	41	27	68
Do. Politics	35	11	46	..	..	..	35	11	46
Do. History	17	19	36	14	18	32	31	37	68
Do. Psychology	10	22	32	12	8	20	22	30	52
Do. Sociology	16	21	37	..	..	..	16	21	37
Do. Journalism	27	8	35	..	..	..	27	8	35
Do. Library Science	2	4	6	..	..	..	2	4	6
Do. Sanskrit	..	..	..	3	11	14	3	11	14
Do. English	15	36	51	26	34	60	41	70	111
Do. Hindi	..	..	..	16	24	40	16	24	40
Do. Arabic	..	..	..	16	..	16	16	N.A.	16
Do. Malayalam	14	16	30	10	16	26	24	32	56
Do. German	..	2	2	..	..	..	..	2	2
Do. Russian	9	11	20	..	..	..	9	11	20
Do. Tamil	4	7	11	..	..	..	4	7	11

Do.	Linguistics	11	28	39	..	..	..	11	28	39
Do.	Mathematics	12	23	35	21	6	27	33	29	62
Do.	Statistics	14	14	28	..	..	..	14	14	28
Do.	Physics	N.A.	N.A.	14	18	6	24	N.A.	N.A.	38
Do.	Chemistry	..	..	..	7	13	20	7	13	20
Do.	Biochemistry	4	10	14	..	..	..	4	10	14
Do.	Botany	12	8	20	6	18	24	18	26	44
Do.	Zoology	..	..	..	5	11	16	5	11	16
Do.	Geology	14	2	16	..	..	..	14	2	16
Do.	Education	..	..	..	16	11	27	16	11	27
Do.	Commerce	..	..	..	27	3	30	27	3	30
Do.	Demography and Population Studies	5	5	10	..	..	..	5	5	10
Do.	Life Science	..	..	..	6	4	10	6	4	10
Do.	Philosophy	..	..	..	12	12	24	12	12	24
Total		245	267	526	214	196	410	459	463	960

Source: Universities of Kerala & Calicut.

2.3.3 Percentage of pass in different courses of studies under Kerala University (Sex-wise)

1971-72

1980-81

Name of Courses	No. passed		Percentage of pass		No. passed		Percentage of pass	
	Male	Female	Male	Female	Male	Female	Mrle	Female
Pre-Degree	11298	8902	35.90	38.71	N.A.	N.A.	N.A.	N.A.
B.A.	3014	2915	55.54	61.98	2310	3202	43.03	31.19
B.Sc.	3212	2718	59.61	70.27	2418	2955	54.20	61.70
B.Sc. (H.S.)	..	194	..	94.63	..	107	..	89.91
B.L./L.L.B.	220	21	53.27	50.00	329*	68*	50.61*	59.65*
B.A. Music	..	10	..	90.91	..	11	..	61.10
B. Com.	841	60	40.85	27.91	34.04	2177	32.19	26.11
B.Lib. Science	15	13	83.33	100.00	13	13	81.25	86.66
M.A.	521	506	66.88	83.91	948	1014	67.14	54.14
M.Sc.	411	353	84.57	88.69	414	411	67.34	86.16
M.Sc. (H.S.)	..	20	..	95.24	..	25	..	92.59
M.A. (Music)	..	3	..	100.00	..	9	..	100.00
M.Com.	74	11	86.05	100.00	233	79	59.74	58.96
M.L./L.L.M.	6	..	23.08	..	N.A.	N.A.	N.A.	N.A.

* Relates to 1979-80.

Source: Kerala University.

2.3.4 Teaching staff in Arts & Science & Training Colleges of Kerala by sex and district-wise (1981-82)

District	Arts and Science Colleges			Training Colleges		
	Male	Female	% of Female	Male	Female	% of Female
Trivandrum	760	678	47.15	16	18	52.94
Quilon	949	500	34.51	13	5	27.78
Alleppey	878	408	31.73	17	9	34.62
Kottayam	1079	577	34.84	17	12	41.38
Idukki	84	40	32.26	..	..	..
Ernakulam	946	532	35.99	9	9	50.00
Trichur	685	466	40.49	12	3	20.00
Palghat	456	274	37.54	5	3	37.50
Malappuram	300	75	20.00	..	..	..
Kozhikode	561	239	29.88	16	3	15.79
Wynad	69	14	16.87	..	..	..
Cannanore	569	201	26.10	8	4	33.33
State	7336	4004	35.31	113	66	36.87

Source: D. C. E.

**2.4.1. Student strength in the College of Agriculture, Vellayani
during 1981-82—Sex-wise**

A.	Course and Class	Boys	Girls	Total	Percentage of girls total
	I	38	56	94	59.57
	II	37	43	80	53.75
	III	19	35	54	64.81
	IV	30	22	52	42.31
	Total	124	156	280	55.71

B.	Course and Class	Boys	Girls	Total	Percentage of girls total
	M. Sc. (Ag.) & PHD I Year	15	16	31	51.61
	M. Sc. (Ag.) & PHD II Year	21	13	34	38.24
	Total	36	29	65	44.62

Note: A.—U.G. Programme

B.—P.G. Programme.

Source: Annual report of Agricultural University.

**2.4.2. Student strength in the College of Horticulture
Vellanikkara during 1981-82—Sex-wise**

Course & Class	Boys	Girls	Total	% of girls
B.Sc. (Hort.)				
II year	11	27	38	71.05
III year	17	18	35	51.43
IV year	19	18	37	48.65
Total	47	63	110	57.27
B.Sc. (Ag.)				
I year	65	38	103	36.89
II year	21	18	39	46.15
III year	24	28	52	53.85
IV year	32	21	53	39.62
Total	142	105	247	42.51
Total U.G. Strength	189	168	357	47.06
P.G. Programme				
M.Sc. (Hort.)				
I year	6	8	14	57.14
II year	7	7	14	50.00
Total	13	15	28	53.57
M.Sc. (Ag.)				
I year	19	14	33	42.42
II year	11	11	22	50.00
Total	30	25	55	45.45
P.H.D.				
Junior	..	1	1	100.00
Senior	11	1	12	8.33
P. G. Diploma in N.R.P.	3	1	4	25.00
P. G. Diploma in WRD & M	4	0	4	..
Total P. G. Strength	61	43	104	41.35

Source: Annual report of Agricultural University

**2.4.3. The strength of students in the Diploma course
in Science, in the Institute of Agricultural Technology
Thavanoor—Sex-wise—1981-82**

Class	Boys	Girls	Total	% of girls
I year VII batch	48	..	48	..
I year (VI batch)	48	1	49	2.04
II year (V batch)	42	3	45	6.67
II year (IV batch)	37	7	44	15.91
Total	175	11	186	5.91

Source: Annual report in Kerala Agricultural University 1981-82.

**2.4.4. Student strength in Veterinary College, Mannuthy
for the year (1981-82)—Sex-wise**

U. G. Programme

Class	Boys	Girls	Total	% of girls
Pre. professional	7	..	7	..
I year	59	31	90	34.44
II year	57	15	72	20.83
III year	51	14	65	21.54
IV year	48	9	57	15.79
Final year	5	2	7	28.57
Total	227	71	298	23.83

P. G. Programme

The total strength of post graduate students

Course and class	Boys	Girls	Total	% of girls
M.V.Sc. I year	9	4	13	30.77
Final year	13	6	19	31.58
Ph. D. Junior	2	..	2	..
Senior	3	1	4	25.0
Total (P. G.)	27	11	38	28.95

Source: Annual report Kerala Agricultural University 1981-82.

**2.4.5. Students strength in College of Fisheries Panangad
(1981-82)—Sex-wise**

U. G. Programme

Class	Boys	Girls	Total	% of girls
I year	24	13	37	35.14
II year	18	9	27	33.33
III Year	19	8	27	29.63

Source: Annual report of Agricultural University.

2.5.1 Year-wise and Sex-wise intake and out turn of Graduates of Medicines (M.B.B.S.)

Year	Intake		Out turn	
	Female	Total	Female	Total
1977-78	264	525	240	572
1978-79	260	525	114*	365*
1979-80	254	525	139*	350*
1980-81	252	600	142*	358*
1981-82	250	600	229	546
1982-83	252	700	220	460
1983-84**	243	675		

Source D.H.S.

*Excluding Kozhikode

**Provisional

2.5.2 Sex-wise Percentage distribution of post-graduates in Modern medicine according to Native district

District	Percentage of post-graduate		
	Male	Female	Total
Trivandrum	70	30	100
Quilon	53.3	46.7	100
Alleppey	81.1	18.9	100
Kottayam	81.1	18.9	100
Idukki	..	..	..
Ernakulam	63.2	36.8	100
Trichur	72.2	27.8	100
Palghat	76.9	23.1	100
Malappuram	60.0	40.0	100
Kozhikode	56.3	43.7	100
Cannanore	100	—	100

Source: Manpower studies post-graduate in modern medicine.

2.5.3 Year-wise intake and out turn of Medical Graduates (B.D.S.) (sex wise)

Year	Intake			Out turn		
	Male	Female	Total	Male	Female	Total
1978-79	N.A	N.A	N.A	18	5	23
1979-80	20	20	40	19	10	29
1980-81	19	21	40	14	9	23
1981-82	36	34	70	6	14	20
1982-83	34	36	70	22	23	45
1983-84	35	35	70			

Source: D.H.S.

2.5.4 (a) Female Health Workers In take of ANM HWP (1983-84) Schools

Unit	(Government)	Intake
1. Health Worker School	Quilon	35
2. Do	Kottayam	38
3. Do	Trichur	32
4. Do	Malappuram	35
		140
	PRIVATE	
1. L.M.S. B.B. Hospital, Kundara		15
2. N.S.S. Medical Mission, Pandalam		30
3. St. Thomas Mission Hospital, Kattanam		30
4. I.H.M. Hospital, Bharananganam		15
5. Lourder Hospital, Kodangoor		15
6. N.S.S. Medical Mission, Kunnathoor		15
7. S.N. Medical Mission Hospital, Sherthallai		30
8. S.N. Trust Medical Mission, Quilon		20
9. Pushpagiri Hospital, Thiruvalla		30
10. S.S.M. Mission Hospital, Varkala		29
11. M.G.D.M. Hospital, Kangazha		15
12. K.V.M.S. Hospital, Ponkunnam		15
		259

NURSING SCHOOLS (PRIVATE)

	Intake
1. S.R.K. Asramam Charitable Hospital, Sasthamangalam	15
2. Sivagiri Sreecnarayana Medical Mission, Varkala	10
3. Benziger Hospital, Beach Road, Quilon	30
4. S.N.Trust Medical Mission, Quilon	20
5. Holy Cross Hospital, Kottayam P.O, Quilon.	40
6. St. Thomas Mission Hospital, Kattanam, Kayamkulam	17
7. N.S.S. Medical Mission Hospital, Pandalaru	20
8. Puspagiri Hospital, Thiruvalla	20
9. Thomvalla Medical Mission, Thiruvalla	40
10. St. Thomas Hospital, Chethupuzha, Chenganacherry	20
11. M.G.D.M. Hospital, Devagiri, Kangazha, Kangirampara P.O.	30
12. Karasthes Hospital, Thellakom P.O., Kottayam	24
13. Mandhram Hospital, Manganam P.O., Kottayam	17
14. St. Mary's Hospital, Manarcaud, Kottayam	15
15. I.B.M. Hospital, Bharanamganam	20
16. Holy Chose Mission Hospital, Muthuchira, Kottayam	10
17. S.R. General Hospital, Green gardens, Shertallai	20
18. St. Joseph's Hospital, Dharmagiri, Kothamangalam	25
19. Mar Baseloous Medical Mission Hospital, Kothamangalm	12
20. M.O.S.C.H. M. Hospital Kodencherry, Ernakulam	30
21. Lisce Hospital, Ernakulam, Cochin 18	36
22. Lourdes Hospital, Ernakulam	24
23. Medical Trust Hospital, Ernakulam	30
24. Mar Augustine Jubilee Hospital, Edappally, Cochin-24	17
25. Sam setan Hospital, Arogyapuram, Kizhakambalam	20
26. Little Flower Hospital, Angamaly	30
27. Sacred Heart Hospital, P.O. Puthoor, Irinjalakuda	15
28. Elite Mission Hospital, Koorkancherry, Trichur	10

29. Jubilee Mission Hospital, Trichur-5	35
30. St. Joseph Hospital, Choondal, Trichur	15
31. Mala Cancer Hospital, Puzhakal, Trichur	10
32. Bishop Alaput Hospital, Karamchira, Trichur	10
33. Nirmala Hospital, Marikunnu, Calicut	25
34. P.V.S. Hospital, Railway Station Road, Calicut	10
35. Malik Deenar Charitable Hospital, Kasargod	15
36. St. John's, Hospital, Kattappana	15
37. Holy Family Hospital, Thodupuzha	15
38. Lal Memorial Hospital, Irrinjalakuda	10
39. Ganatha Hospital, Badagara	10
40. Koyilo Hospital, Cannanore	10
41. Mary Queen Mission Hospital, Kanjirappally	15
42. St. Martin D.C. Poor Hospital, Cherukunnu	15
43. Marvyan Medical Centre, Palai	15

GOVERNMENT SCHOOLS (NURSING TRAINING)

1. College of Nursing		23
2. School of Nursing	Trivandrum	30
3. Do.	Quilon	28
4. Do.	Kottayam	25
5. Do.	Alleppey	27
6. Do.	Ernakulam	26
7. Do.	Trichur	22
8. Do.	Palghat	24
9. Do.	Kozhikode	49
10. Do.	Cannanore	49

Source: D.H.S.

2.5.2. (b) No. of ANM/HW (F) & LHV/HA (F) Training Schools with their admission capacity and number in position (State-wise)

Sl. No.	Name of State/ University	No. of Schools			Admission capacity				No. in position		As per the information received #p to
		ANM/ HWCF Govt.	Vol.	Total	LHV	ANM/ HW (F)	LHV/ HA (F)	ANM/ HW (F)	LHV/ HA (F)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1.	Andhra Pradesh	10	4	14	3	590	80	4267	1124	1-4-1982	
2.	Assam	10	..	10	2	180	25	1296	125	1-4-1981	
3.	Bihar	31	1	32	2	2480	180	5162	802	1-4-1981	
4.	Gujarat	19	4	23	2	389	50	3060	478	1-4-1982	
5.	Haryana	5	..	5*	1	195	30	1364	98	1-4-1982	
6.	Himachal Pradesh	4	..	4@	1	198	27	390	66	1-4-1982	
7.	Jammu and Kashmir	2	1	3	..	150	..	381	67	1-4-1982	
8.	Karnataka	19	6	25	3	720	90	5480	785	30-9-1982	
9.	Kerala	4	..	4	1	299	30	2121	436	1-1-1982	
10.	Madhya Pradesh	22	..	22	2	1000	200	5065	800	1-4-1981	
11.	Maharashtra	18	12	30	..	1094	..	3671	862	1-7-1981	
12.	Manipur	1	..	1	..	30	..	206	23	1-4-1981	
13.	Meghalaya	2	..	2	..	60	..	131	6	1-1-1982	
14.	Nagaland	2	..	2	..	40	..	85	9	1-1-1982	
15.	Orissa	17	..	17	1	680	60	2597	221	1-1-1982	

16. Punjab	6	..	6	1	360	30	2125	476	1-4-1982
17. Rajasthan	17	..	17	3	870	90	2306	392	1-7-1981
18. Sikkim	1	..	1	1	50	5	121	13	1-4-1982
19. Tamil Nadu	9	9	18	2	780	160	3400	852	1-7-1981
20. Tripura	1	..	1	..	50	..	117	27	1-7-1981
21. Uttar Pradesh	45	5	50	4	2270	456	9084	1668	1-4-1982
22. West Bengal	24	2	25	1	1709	30	3186	531	1-1-1982
23. A & N. Island	1	..	1	..	25	..	3	3	1-4-1981
24. Arunachal Pradesh	1	..	1	..	30	..	115	4	1-4-1982
25. Chandigarh	..	..	..	..	..	..	11	3	1-4-1982
26. D & N. Haveli	..	..	..	..	..	..	8	2	1-4-1982
27. Delhi	..	..	..	1	..	15	245	148	1-4-1982
28. Goa, Daman & Diu	1	..	1	..	60	..	97	20	1-4-1982
29. Lakshadweep	..	..	..	..	..	..	..	..	1-4-1982
30. Mizoram	2	..	2	..	59	..	231	..	1-4-1982
31. Pondicherry	..	..	..	..	..	..	56	12	1-7-1981
Total	274	44	318	31	14369	1558	56321	10053	

1. One LHV/HA (F) School in each State of Gujarat, J & K, Maharashtra and Uttar Pradesh has been sanctioned during the year 1979-80

2. *3 more ANM/HW (F) Schools and 54 additional seats to the existing training School has been sanctioned during 1981-82.

3. @2 more ANM/HW (F) School sanctioned in the year 1981-82.

Source: Family Welfare Programme in India—Year Book 1981-82.

2.6 Intake and total strength of students in Various Technical Institutions

Institutions	No. of students admitted											
	1978-79					1979-80					1980-81	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Engineering Colleges	1115	227	1342	1353	261	1384	1482	366	1848			
Poly technics	2303	180	2483	2353	229	2582	3304	291	3595			
Women's Polytechnic	..	292	292	..	308	308	..	296	296			
Junior Technical Schools	1270	73	1343	1275	74	1349	1723	128	1851			
Arts Institutions	NA	NA	162	29	1	30	156	11	167			
Commercial Institutions	175	98	273	53	60	113	739	702	1441			
Industrial Schools	..	40	40	..	40	40	..	40	40			
Vocational Schools	55	55	110	278	118	396	49	180	229			
Pre-Vocational Training Centres	89	23	122	..	65	65	292	75	367			

2.6. Intake and total strength of students in Various Technical Institutions—(Contd.)

Institutions	Total strength													
	1978-79						1979-80						1980-81	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)		
Engineering Colleges	4028	648	4676	4621	841	5462	4685	1012	5697					
Poly technics	5151	410	5561	7284	599	7883	6547	637	7184					
Women's Polytechnic	..	753	753	..	820	820	..	761	761					
Junior Technical Schools	3580	133	3713	3678	176	3854	4215	273	4488					
Arts Institutions	NA	NA	298	120	11	131	233	20	253					
Commercial Institutions	NA	NA	633	203	360	563	178	283	461					
Industrial Schools	..	78	78	..	77	77	..	79	79					
Vocational Schools	55	45	100	..	103	103	43	177	220					
Pre-Vocational Training Centres	231	60	291	433	111	544	631	159	790					

Source: Administration Report of Technical Education Department.

2.6.1. Total strength of students in Various Engineering Colleges of Kerala 1980-81

Name of College	P.G. Course		* Full time degree course		Part-time degree course		Total Strength of students		Total SC/ST students						
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls					
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total					
1. Engg. College, Trivandrum	69	27	96	336	1237	218	9	227	1188	370	1558	56	12	68	
2. Engg. Co'lege, Trichur	22	4	26	656	176	832	183	1	184	861	181	1042	51	2	53
3. T.K.M. College, Quilon	..	..	..	712	185	897	..	..	..	712	185	897	37	7	44
4. M.A. College, Kothamangalam	..	..	..	431	103	534	..	..	..	431	103	534	25	2	27
5. N.S.S. College of Engg., Palghat	..	..	..	472	82	554	..	..	..	472	82	554	12	1	13
6. Regional Engg. College, Calicut	8	2	10	1013	89	1102	..	..	..	1021	91	1112	54	2	56
Total	99	33	132	4185	971	5156	401	10	411	4685	1012	5697	235	26	261

Source: Directorate of Technical Education.

2.6.2. District-wise total strength of students in Polytechnics in Kerala 1980-81
(Excluding Women's Polytechnics)—Sex-wise—(Contd.)

District	Post Diploma			Full Diploma			Part-time Diploma		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Trivandrum	20	..	20	431	123	554	298	2	300
Quilon	..	..	..	538	50	583	..	..	..
Alleppey	..	..	..	1034	84	1118	..	..	..
Kottayam	..	..	..	323	54	377	..	..	..
Idukki	..	..	..	..	..	..	..	..	..
Ernakulam	10	..	10	612	36	648	190	..	190
Trichur	..	..	..	148	161	1309	179	..	179
Palghat	..	..	..	113	31	144	..	..	..
Malappuram	..	..	..	724	26	750	..	..	..
Kozhikode	..	..	..	718	23	741	169	..	169
Wynad	..	..	..	..	..	..	..	..	..
Cannanore	..	..	..	702	22	724	..	..	..
State	30	..	30	6338	610	6948	836	2	838

2.6.2. District-wise total strength of students in Polytechnic in Kerala 1980-81
(Excluding Women's Polytechnic)—Sex-wise—(Contd.)

District	Certificate			Total strength of students			Total strength of SC/ST		
	Boys (11)	Girls (12)	Total (13)	Boys (14)	Girls (15)	Total (16)	Boys (17)	Girls (18)	Total (19)
Trivandrum	105	78	183	854	203	1057	57	14	71
Quilon	..	..	..	533	50	583	68	10	78
Alleppey	..	..	..	1034	84	1118	66	6	72
Kottayam	..	..	..	823	54	377	29	10	39
Idukki	..	..	..	..	..	..	..	..	..
Ernakulam	..	..	..	812	36	848	51	..	51
Trichur	..	..	..	1327	161	1488	72	7	79
Palghat	..	..	..	113	31	144	10	4	14
Malappuram	..	..	..	724	26	750	33	1	34
Kozhikode	..	..	..	887	23	910	67	1	68
Wynad	..	..	..	..	..	..	..	..	..
Canmanore	51	2	53	753	24	777	28	2	30
State	156	80	236	7360	692	8052	481	55	536

2.6.3. Diploma level enrolment of students in Polytechnics according to branch/subject of study for the years

Branches	1978-79				1979-80				1980-81			
	M	F	T	M	F	T	M	F	T	M	F	T
Civil	1359	225	1584	1671	420	2091	1714	423	2137			
Mechanical	1456	2	1452	2005	9	2014	2037	10	2047			
Electrical	1397	58	1455	1823	46	1869	1791	66	1857			
Chemical Technology	58	3	61	52	4	56	59	..	59			
Chemical Engineering	63	..	63	91	2	93	78	2	80			
Automobiles	148	..	148	196	..	196	185	..	185			
Textile technology	118	26	144	177	4	181	160	17	177			
Costume design & dress making	..	162	162	..	181	181	..	176	176			
Diploma in Commercial Practice	25	442	467	31	489	520	27	437	464			
Electronics	211	128	339	228	140	368	203	165	368			
Instrument Technology	..	41	41	..	45	45	..	43	43			
Printing Technology	60	20	80	75	27	102	76	30	106			
Grand Total	4889	1107	5996	6349	1367	7716	6330	1369	7699			

Source: Directorate of Technical Education

2.6.4. Strength of students in Women's Polytechnics in Kerala 1980-81

Name of Institution and District	Total strength of students	Total Strength of SC/ST students
(1)	(2)	(3)
1. Women's Polytechnic Trivandrum	228	34
2. Women's Polytechnic Trichur	340	29
3. Women's Polytechnic Calicut	193	11
Total	761	74

Source: D.T.E.

2.6.5 District wise Total strength of students in Junior Technical Schools in Kerala 1980-81 (Excluding PVTC) Sex-wise

District	Total strength of students			Total strength of SC/ST students		
	Boys	Girls	Total	Boys	Girls	Total
Trivandrum	412	31	443	58	6	64
Quilon	433	50	483	53	17	70
Alleppey	399	6	405	43	..	43
Kottayam	379	12	391	40	6	46
Idukki	13	..	13	1	..	1
Ernakulam	203	37	240	32	6	38
Trichur	857	39	896	111	9	120
Palghat	380	20	400	59	5	64
Malappuram	208	13	221	34	6	40
Kozhikode	308	19	327	33	12	45
Cannanore	622	47	669	36	7	43
Total	4214	274	4488	500	74	574

Source: D.T.E.

2.6.6. Number of students appeared and passed in Engineering Colleges, Polytechnics and Women's Polytechnics—Sex-wise

Institutions	Number of students appeared						No. of students passed											
	1978-79		1979-80		1980-81		1978-79		1979-80		1980-81							
	M	F	T	M	F	T	M	F	T	M	F	T						
Engineering Colleges	589	47	636	471	39	510	914	139	1053	442	39	481	268	31	299	713	120	833
Polytechnics	1837	102	1939	2321	214	2535	2294	201	2485	954	42	936	906	72	978	835	70	925
Women's Polytechnic	..	248	248	..	268	268	..	257	257	..	161	161	..	146	146	..	129	129

Source: D.T.E.

2.6.7 Number of students appeared and passed in Junior Technical Schools

Year	No. of Institutions	Number appeared for examination		Number passed	
		Male	Female	Male	Female
1970-71	21	912	5	402	1
1975-76	21	1132	24	552	9
1978-79	21	976	21	667	11
1979-80	21	957	30	638	21
1980-81	21	1135	34	735	23
1981-82	21	1437	41	813	27

Source: D.T.E.

2.6.8 Intake and out turn of students in pre-Vocational Training Centres

Year	No. of Institutions	Actual Intake		No. appeared for Examination		No. passed	
		Male	Female	Male	Female	Male	Female
1970-71	1	28	..	30	..	18	..
1975-76	4	67	5	73	28	22	..
1977-78	4	145	39	NA		NA	
1978-79	4	89	23	Total 61		Total 41	
1979-80	13	433	111	60	18	20	17
1980-81				61	8	29	6

Source: Directorate of Technical Education

2.6.9 Actual Intake and out-turn of students in T.G.M. Centres and other Training Centres Sex-wise

Year	No. of Institutions Reported	Actual Intake		No. appeared for Examination		Number passed	
		Male	Female	Male	Female	Male	Female
1970-71	19	60	297	42	236	19	111
1975-76	21	53	333	36	289	17	141
1978-79	38	..	573	..	496	..	270
1979-80	38	..	756	..	651	..	390
1980-81	22	..	484	..	394	..	299

Source: Director of Technical Education T.G.M. Training & Garment Making

2.6.10. (a) Intake and outturn of full time students in Food craft Institute, Kalamassery—Sex-wise

Year	Actual Intake						Actual out-turn															
	Restaurant and counter service		Bakeries and confectionary		Hotel reception and Book keeping		Cookery		Canning and food preservation		Restaurant and counter service		Bakeries and confectionary		Hotel reception and Book-keeping		Cookery		Canning and food preservation			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1970-71	14	..	15	3	24	4	14	15	9	4	7	..	7	2	14	4	7	11	6	..	..	..
1975-76	12	..	12	3	14	6	18	2	11	4	9	..	8	3	7	3	10	3	8	3	..	..
1981-82	20	..	11	4	20	1	23	..	11	4	19	..	11	3	15	..	11	..	11	3	..	..

Source: D.T.E.

2.6.10 (b) Intake and outturn of part-time students for the years 1970-71, 1975-76, and 1980-81 in Food Craft Institute, Kalamassery—Sex-wise

Year	Actual Intake						Actual Output															
	Bakery and confectionary		Hotel Reception		Cookery		Canning and food preservation		Refresher Course in restaurant service		Bakery and confectionary		Hotel Reception		Cookery		Canning and food preservation		Refresher course in restaurant service			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1970-71	..	5	..	..	..	4	..	4	..	..	..	5	..	..	..	..	4	..	4	..	..	..
1975-76	..	30	..	..	..	30	..	..	..	16	..	28	..	..	..	26	..	..	..	..	..	15
1980-81	16	1	20	1	22	1	22	1	8	7	8	..	13	1	6	..	12	..	7	7	17	..

Source: D.T.E.

2.6.11. Strength of Teachers in various Engineering Colleges 1978-79 to 1980-81—Sex-wise

Name of Institution	1978-79			1979-80			1980-81		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1. Engineering College, Trivandrum	155	36	191	141	38	179	183	45	228
2. T.K.M. College of Engineering, Quilon	168	7	175	167	15	182	176	28	204
3. M.A. College of Engineering, Kothamangalam	59	4	63	60	5	65	61	10	71
4. Engineering College, Trichur	98	19	117	91	14	105	107	14	121
5. N.S.S. College of Engineering, Palghat	70	2	72	62	2	64	66	3	69
Regional Engineering College, Calicut	104	2	106	113	4	117	112	6	118
Total	654	70	724	634	78	712	705	106	811

Source: D.T.E.

2.6.12. Strength of Teachers in Polytechnics in Kerala District-wise 1978-79 to 1980-81—Sex-wise

District	1978-79			1979-80			1980-81		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Trivandrum	72	29	101	80	23	103	74	19	93
Quilon	30	12	42	28	7	35	38	16	54
Alleppey	68	8	76	81	4	85	84	4	88
Kottayam	45	8	53	38	8	46	39	8	47
Idukki	..	..	..	1	..	1	2	..	2
Ernakulam	81	8	89	81	8	89	87	19	106
Trichur	103	39	142	104	35	139	151	22	173
Palghat	16	..	16	15	3	18	22	3	25
Malappuram	86	6	92	91	9	100	102	7	109
Kozhikode	97	8	105	120	8	128	144	6	150
Wynad	..	..	..	..	..	..	..	..	..
Cananore	56	1	57	69	3	72	71	2	73
State	654	119	773	708	108	816	814	106	920

Source: D.T.E.

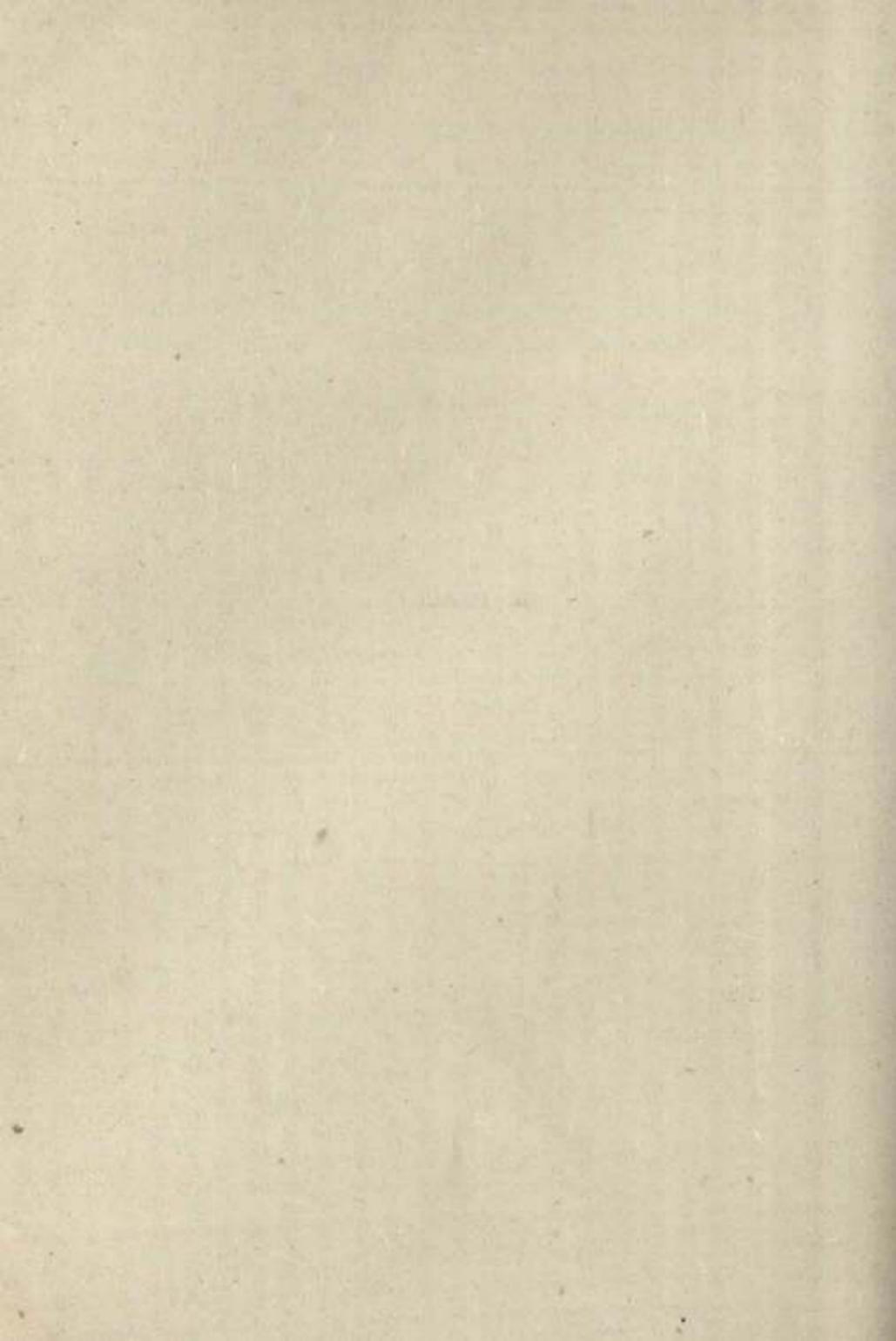
2.7. Enrolment of law scholars Sex-wise 1983-84

Class	Law College, Trivandrum			Law Academy, Trivandrum*		
	Male	Female	Total	Male	Female	Total
I Year	78	29	107	226	24	250
II Year	63	25	88	235	15	250
III Year	57	24	81	214	28	242

*Including Evening Class

Source: Law College and Law Academy Trivandrum

III. HEALTH



**3. Number of female Doctors and Nurses in Kerala
(Government)—1-12-1983**

Category	No. of females	Percentage of females to total
(1)	(2)	(3)
Doctors (Modern Medicine)	945	23.72
Dental Surgeons	55	50.46
Nurses	4894	98.02

3.1. Number of Medical Institutions per lakh population

District	1975-76	1979-80	1980-81
(1)	(2)	(3)	(4)
Trivandrum	3.66	3.81	3.74
Quilon	3.48	3.31	3.45
Alleppey	4.09	3.68	3.83
Kottayam	3.71	3.70	3.83
Idukki	4.75	4.58	4.73
Ernakulam	3.69	3.64	3.83
Trichur	3.58	3.31	3.85
Palghat	3.91	3.95	3.96
Malappuram	3.26	3.03	3.58
Kozhikode	3.14	2.96	2.81
Wynad	..	..	5.23
Cannanore	4.76	6.69	4.64
State	3.73	3.62	3.83

**3.2. Number of Hospitals and Beds for M.C.H. Programme—
1983-84**

Number of Hospital for women and children	9 (including one I.C.H.)
Number of beds	2693
Number of beds reserved for women and children in other Hospitals	2747 (including P.H.C.S.).
Number of in-patients treated (Females)	656912 (1981)
Number of out-patients treated (Females)	10620563 (1981)

Source: Director of Health Services.

3.2.1. In-patients and Out-patients treated in Government Medical Institutions in Kerala—1980-81

Sl. No.	District	In-patients			Out-patients				
		Total	Male	Female	Children	Total	Male	Female	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	Trivandrum	136306	41679	65193	29434	3496551	999210	1387775	1109566
2	Quilon	126170	39090	69099	17981	2014413	549443	877435	587535
3	Alleppey	86538	25631	42506	18401	2293900	625193	996129	733578
4	Kottayam	76140	20327	40750	15063	1431059	55596	899730	535733
5	Idukki	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
6	Ernakulam	141137	47308	68896	24933	2962576	809159	1251157	922260
7	Trichur	158912	55268	77928	25716	2760948	708287	1163914	888747
8	Palghat	68207	22735	32238	13234	1918382	587194	797888	533360
9	Malappuram	88555	34094	32262	21199	2196157	662267	346917	688873
10	Kozhikode	64027	16699	35381	11947	1563317	399433	663387	500447
11	Wynad	28496	7868	12536	8092	527124	145431	209038	172655
12	Cananore	121577	37118	55264	29195	2170700	639522	911369	369809
	Total	1096064	347817	533052	215195	23357027	5200785	9883679	7272563

Source: Director of Health Services.

3.3. Achievements in Family Welfare Programme in Kerala (Year-wise)

<i>Year</i>	<i>Vasectomy</i>	<i>P.P.S.</i>	<i>Total</i>	<i>I.U.C.D.</i>	<i>M.T.P.</i>
(1)	(2)	(3)	(4)	(5)	(6)
1970-71	46621	21396	68017	30584	..
1975-76	94270	62352	156622	28302	19969
1978-79	15190	75092	90282	12212	27830
1979-80	14335	84621	98956	17017	32597
1980-81	15854	97120	112974	18394	36215
1981-82	16262	107596	123858	20558	35033
1982-83	17250	126809	144059	28111	38936

Source: Director of Health Services.

3.4. Percentage distribution of sterilised person in Kerala according to number of children living—1970-71 and 1978-79 to 1982-83

<i>Year</i>	<i>One child</i>	<i>Two children</i>	<i>Three or more Children</i>
(1)	(2)	(3)	(4)
1970-71	1.2	19.5	28.7
1978-79	9.3	32.47	58.23
1978-80	8.68	32.00	59.32
1980-81	1.8	34.00	64.2
1981-82	0.16	27.00	72.84
1982-83	0.2	35.00	64.8

Source: Director of Health Services.

3.5. Percentage of sterilised persons according to age in Kerala 1970-71 & 1978-79 to 1982-83

Year	Age											
	15-19		20-24		25-29		30-34		35-39		40	
	M	F	M	F	M	F	M	F	M	F	M	F
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1970-71	0.1	0.1	2.1	17.7	16.1	38.3	24.3	26.8	27.1	14.2	30.3	5.0
1978-79	0.97	0.71	18.87	14.66	32.77	37.43	29.78	30.23	12.21	13.83	5.40	3.14
1979-80	0.59	0.27	21.77	19.88	36.61	38.69	29.90	27.37	12.93	10.91	4.20	2.88
1980-81	1.60	0.84	26.00	25.00	39.50	39.00	23.20	23.70	7.30	7.00	2.40	4.06
1981-82	0.71	0.27	21.00	22.30	40.00	37.00	26.00	27.00	9.60	10.00	2.69	3.43
1982-83	1.30	0.60	25.00	29.00	34.30	40.00	22.00	20.00	15.00	9.00	2.40	1.40

Source: Director of Health Services.

IV. EMPLOYMENT & UNEMPLOYMENT

**4.1. Distribution of Main workers by broad Industrial
Categories, Marginal Workers and Non-workers
in Kerala by sex**

(in thousands)

(1)	1961 Census			% of females to total
	Male	Female	Total	
	(2)	(3)	(4)	(5)
Total Population	12528	12926	25454	50.78
Total main workers	5141	1650	6791	24.30
1. Cultivators	806	82	888	9.13
2. Agricultural Labourers	1199	719	1918	37.45
3. Livestock forestry, fishing, hunting and plantations orchards allied activities	534	102	636	16.17
4. Mining and quarrying	48	5	53	9.43
5. Manufacturing, processing, servicing and repairs:				
(a) Household Industry	124	126	250	50.40
(b) Other than household industry	630	211	841	25.09
6. Constructions	193	12	205	5.88
7. Trade and commerce	704	55	759	7.12
8. Transport, Storage and communications	310	27	337	8.01
9. Others	593	312	905	34.48
10. Marginal workers	483	497	980	50.71
11. Non-workers	6904	10779	17683	60.96

Source:—Paper 2 of 1963, Census of India 1961 Series 1.

Note:—Because of rounding in some cases the total of serial No. 1 to 9 may not agree with the total main workers.

4.2. Distribution of Main Workers by Industrial Categories,
Marginal workers and Non-workers by sex (Rural) 1981.

('000 s)

Industrial category	Male	Female	Total	% of females to total
(1)	(2)	(3)	(4)	(5)
Total population	10167	10515	20682	50.84
Total main workers	4188	1417	5605	25.28
1. Cultivators	780	78	858	9.09
2. Agricultural labourers	1134	685	1819	37.66
3. Livestock, Forestry, Fishing, hunting and plantations orchards and allied activities	460	99	559	17.71
4. Mining and quarrying	46	5	51	9.80
5. Manufacturing, processing, servicing and repair				
(a) Household Industry	103	114	217	52.53
(b) Other than household Industry	421	174	595	29.24
6. Construction	141	8	149	5.37
7. Trade and Commerce	487	35	522	6.70
8. Transport, Storage and communication	194	19	213	8.92
9. Other services	423	199	622	31.99
Marginal workers	411	447	858	52.10
New workers	5568	8651	14219	60.84

4.3. Distribution of Main Workers by Industrial Categories Marginal Workers and Non-workers in Kerala by Sex (Urban) 1981.

	('000 s)			
	Male	Female	Total	% of females to total
(1)	(2)	(3)	(4)	(5)
Total population	2360	2411	4771	50.53
Total main workers	953	233	1186	19.65
1. Cultivators	26	3	29	10.34
2. Agricultural labourers	65	33	98	33.67
3. Livestock, forestry, fishing, hunting and plantations orchards and allied activities	74	4	78	5.13
4. Mining and quarrying	2	0	2	0
5. Manufacturing, processing, servicing and repairs:				
(a) Household Industry	22	12	34	36.36
(b) Other than household Industry	209	37	246	15.04
6. Construction	51	4	55	7.27
7. Trade and commerce	217	19	236	8.05
8. Transport, Storage and communication	116	8	124	6.45
9. Other services	171	113	284	39.79
Marginal workers	72	50	122	40.98
Non-workers	1336	2127	3463	61.42

4.4. Work participation rates—1961, 1971 and 1981 (Sex-wise)

		Kerala			India		
		Total	Males	Females	Total	Males	Females
1961 Census	Total	33.31	47.20	19.71	42.97	57.16	27.93
	Rural	33.97	47.42	20.88	45.09	58.30	31.42
	Urban	29.57	45.98	13.00	33.47	52.37	11.16
1971 Census (workers)	Total	29.12	45.00	13.49	33.09	52.61	12.13
	Rural	29.53	45.29	14.08	34.04	53.62	13.44
	Urban	26.99	43.51	10.42	29.34	48.82	6.68
1981 Census (P) (Main workers and Marginal workers)	Total	30.90	45.25	17.02	37.55	53.19	20.85
	Rural	31.69	45.68	18.20	39.46	54.32	23.89
	Urban	27.47	43.41	11.87	31.41	49.70	10.64
Main workers	Total	26.54	40.77	12.79	33.44	51.23	14.44
	Rural	26.95	40.90	13.49	34.77	52.21	16.49
	Urban	24.80	40.22	9.71	29.17	48.18	7.57

(P)—Provisional

Source: Paper 2 of 1981 Census Series 10, Kerala.

4.5. Percentage of Agricultural Labourers to total population in Kerala (1901-1981—Sex-wise)

Year	Persons	Male	Female
1901	7.8	10.2	5.3
1911	10.2	9.8	10.7
1921	8.7	8.9	8.4
1931	7.1	8.1	6.2
1941	..	..	..
1951	8.2	10.6	5.9
1961	5.8	6.2	5.4
1971	8.9	11.3	6.6
1981	7.5	9.6	5.6

Source:—Census reports.

4.6. Estimated number of females in ('000) engaged in domestic duties and of them the percentage of females engaged in specified activities for all India and Kerala during 1977-78

State	Estimated No. ('000) of females engaged in domestic duties	Percentage of females participating in					
		Free collection of fish, firewood, cowdung etc.	Kitchen gardening household poultry etc.	Sewing, tailoring, weaving etc.	Tutoring of own children	Bringing water from other villages	Any of the specified activities
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
All India							
Rural	845851	37.09	31.55	9.38	1.19	3.37	54.17
Urban	246723	6.82	8.41	14.06	4.63	..	26.06
Kerala							
Rural	34227	25.90	56.70	4.03	4.16	0.48	64.20
Urban	7109	11.78	31.70	5.32	4.32	..	39.65

Source:—Sarvekshana—July, October 1981.

47. Percentage of Employed persons according to usual status, current weekly status and current day status to total persons of age 5 and above for Kerala and India by Sex and Rural/Urban residence status during 1977-78

Status	Kerala						India					
	Rural		Urban		Rural		Urban		Rural		Urban	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
Usual status	49.37	21.06	49.39	15.51	62.25	28.82	56.22	14.03				
Current weekly status	48.96	24.10	48.92	18.86	60.20	26.90	55.50	14.22				
Current day status	39.61	16.49	41.44	13.59	56.55	22.56	53.47	12.46				

Source: Servekhana—July—October 1981.

48. Teachers in Kerala School Education (Sex-wise)—Trained and Untrained

Years	Trained			Untrained			Total		% of female to total	
	Male	Female	Total	Male	Female	Total	Male	Female		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1977-78	76715	83278	159993	3976	3232	7208	80691	86510	167201	51.74
1978-79	79457	87516	166973	3973	3299	7272	83430	90815	174245	52.62
1979-80	78817	90617	169434	3380	2911	6291	82187	93538	175725	53.23
1980-81	79103	90859	169962	2947	2525	5472	82050	93384	175434	53.23
1981-82	78986	93700	172686	3032	2736	5768	82018	96436	178454	54.04

Source: Directorate of Public Instruction.

4.9. Number of Teachers in Arts and Science Colleges by Sex

Year	No. of colleges	Male	Female	Total	% of females to total
(1)	(2)	(3)	(4)	(5)	(6)
1975-76	128	5477	2415	7892	30.60
1978-79	130	5744	2646	8390	31.54
1980-81	134	6728	3446	10174	33.87
1981-82 (P)	161	7396	4041	11437	35.33

(P) Provisional

Source: Directorate of Collegiate Education.

4.10. Number of Teaching Staff in Training Colleges in Kerala—Sex-wise (1981-82)

	No. of Colleges	Male	Female	Total	% of females to total
Government	4	35	17	52	32.69
Private	9	78	49	127	38.58
Total	13	113	66	179	36.87

4.11. Number of teaching staff in Engineering Colleges in Kerala (Sex-wise)

Year	No. of Colleges	No. of teaching staff			% of female to total
		Male	Female	Total	
(1)	(2)	(3)	(4)	(5)	(6)
1978-79	6	654	70	724	9.67
1979-80	6	634	78	712	10.96
1980-81	6	705	106	811	13.07

4.12. Number of Teachers in Polytechnics in Kerala (Sex-wise)

Year	Number of Polytechnics	Males	Females	Total	% of females to total
(1)	(2)	(3)	(4)	(5)	(6)
1978-79	18	654	119	773	15.39
1979-80	18	708	108	816	13.24
1980-81	20	814	106	920	11.52

**4.13. Number of Government Employees in various departments
(Sex-wise) 1981**

Sl. No.	Name of department	Male	Female	Total	% of female to total
(1)	(2)	(3)	(4)	(5)	(6)
1.	Advocate General's Office	65	46	111	41.44
2.	Agricultural Department	4323	910	5233	17.39
3.	Agricultural Income tax and Sales-tax	1779	330	2109	15.65
4.	Animal Husbandry Department	2498	377	2875	13.11
5.	Archaeology	39	25	64	39.06
6.	Chemical examiners	31	11	42	26.19
7.	Civil supplies	1292	323	1615	20.00
8.	Coir department	233	32	265	12.08
9.	Collegiate education	2127	701	2828	24.79
10.	Co-operative Department	1392	193	1585	12.18
11.	Diary Development	280	141	421	33.49
12.	Drugs Controller	99	36	135	26.67
13.	Economics & Statistics	1141	277	1418	19.53
14.	Encyclopaedia	18	4	22	18.18
15.	Employment and training	1481	258	1739	14.84
16.	Electrical Inspectorate	203	30	233	12.88
17.	E. S. I. scheme	888	943	1831	51.50
18.	Excise	2318	46	2364	1.95
19.	Factories and boilers	122	26	148	17.57
20.	Fire force	837	10	847	1.18
21.	Fisheries	959	133	1092	12.18
22.	Forests	2378	153	2531	6.05
23.	Gazetters		N.A.		
24.	Government Press	1291	323	1614	20.01

4.13. (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)
25.	Ground water survey	110	10	120	8.33
26.	Handloom	80	32	112	28.57
27.	Harijan Welfare	689	273	962	28.38
28.	Health services	8339	8800	17139	51.34
29.	Homeopathy	319	187	506	36.96
30.	Indegenous Medicine	1290	703	1993	35.27
31.	Ayurveda college	216	175	391	44.76
32.	Industries and Commerce	648	188	836	22.49
33.	Labour	416	118	534	22.10
34.	Land Use Board	39	2	41	4.88
35.	Land Revenue	12939	2341	15280	15.32
36.	Local fund audit	429	105	534	19.66
37.	Lotteries	126	29	155	18.70
38.	Medical colleges	1269	562	1831	30.69
39.	Mining and Geology	75	13	88	14.77
40.	Municipalities	111	30	141	21.28
41.	Museums and Zoos	215	50	265	18.87
42.	National Cadet Corps N.C.C.	635	105	740	14.19
43.	Panchayats	1707	273	1980	13.79
44.	Police	18247	514	18761	2.74
45.	Prisons	984	58	1042	5.57
46.	Ports	548	44	592	7.43
47.	Public Health Engineering	2162	387	2549	15.18
48.	Public Instruction	31503	32037	63540	50.42
49.	Public Library	46	13	59	22.03
50.	Public Relations	133	8	141	5.67

4.13 (Concld.)

(1)	(2)	(3)	(4)	(5)	(6)
51.	Public Service Commission	366	160	526	30.42
52.	Public Works	11644	2021	13665	14.79
53.	Raj Bhavan	119	27	146	18.49
54.	Raj Sainik Board	45	9	54	16.67
55.	Registration	1544	438	1982	22.09
56.	Secretariat General Administration	1365	478	1843	25.94
57.	Do. Finance	309	115	424	27.12
58.	Secretariat Legislature	238	83	321	25.86
59.	Do. Law	159	59	218	27.06
60.	Sample savings		N.A.		
61.	Social Welfare	208	209	417	50.12
62.	State Insurance	36	15	51	29.41
63.	State Institute of Languages	61	11	72	15.28
64.	State Planning Board	126	47	173	27.16
65.	State Institute of Education	32	15	47	31.91
66.	Stationery	144	34	178	19.10
67.	Subordinate judiciary	4300	885	5185	17.67
68.	Survey and Land Records	2854	467	3321	14.06
69.	Technical education	2113	392	2505	15.65
70.	Tourism	371	89	460	19.35
71.	Town Planning	246	68	314	21.66
72.	Treasuries	1739	530	2269	23.36
73.	Tribal Welfare	241	52	293	17.75
74.	Transport Commissionerate	622	120	742	16.17
75.	Vigilance Investigation	299	29	328	8.84
76.	Water transport	759	8	767	1.04
77.	Weights and measures	176	10	186	5.38

Source : Directorate of Economics and Statistics.

4.13.1 (a) Officers in Government Secretariat in the cadre or above of Under Secretaries upto Additional Secretaries (sex-wise)

	Finance Department (1-6-1981)		Law Department (1-6-1981)		Administrative Secretariat (15-6-1981)		Legislature Secretariat (31-1-1984)	
	Total	Female	Total	Female	Total	Female	Total	Female
Additional Secretaries	6	1	3	..	23	3	1	..
Joint Secretaries	12	1	8	1	24	5	3	1
Deputy Secretaries	14	3	13	1	59	11	6	1
Under Secretaries	44	5	21	4	158	26	15	2

Source: Government Secretariat.

4.13.1 (b) Number of I. A. S. Officers in Kerala as on 1-1-1984 (sex-wise)

	Male	Female	Total
Number of I. A. S. Officers	136	9	145

Source: Government Secretariat.

4.13.2 (a) Staff in the Department of Health Services (1983) (Technical)
(sex-wise)

Designation	Male	Female	Total
Director	2	..	2
Additional Director	3	4	7
Deputy Director	9	7	16
Civil Surgeon Grade I	2298	539	2837
Civil Surgeon Grade II			
Assistant Surgeons			
Dental Surgeon	30	38	68
Other Gazetted Officers	..	..	..
Assistant Director of Nursing	..	1	1
Nursing staff including Superintendents and Tutors	99	4893	4992

4.13.2 (b) Staff in Medical Colleges in Kerala (1983) (Technical)
(sex-wise)

College	Specialist			Tutors		
	Male	Female	Total	Male	Female	Total
Trivandrum	123	96	219	109	54	163
Alleppey	67	22	89	38	35	73
Kottayam	75	36	111	70	30	100
Trichur	25	16	41	6	5	11
Kozhikode	116	49	165	98	52	150
Total	406	219	625	321	176	497

4.13.2 (c) Staff in Dental Colleges for 1983 (Kozhikode & Trivandrum)
(sex-wise)

	Male	Female	Total
Dentist	24	17	41
Dental Hygienist	3	20	23

Source: Medical Education Directorate.

4.13.2 (d) Number of Registered Medical Practitioners in Kerala
as on 1-1-1984 (Modern Medicine)

	Male	Female	Total
Number of Registered Doctors	9730	3451	13181

Source:—Medical Council, Trivandrum.

4.13.3 Nursing staff in the Government Allopathic Institutions in Kerala

Category	1978	1979	1980	1981	1982	1983
Assistant Director of Nursing Services	1	1	1	1	1	1
Nursing Superintendent (Gazetted)	10	10	10	12	12	15
Nursing Superintendent (Non-Gazetted)	50	55	55	61	65	67
Nursing Tutors	34	34	34	58	58	70
Head Nurses	556	577	592	795	795	862
Staff Nurses	2884	2998	3277	3294	3386	3491
District Public Health Nurses	13	13	13	13	13	13
Public Health Nurses	321	441	441	447	447	450
Public Health Nursing Tutors	15	15	15	30	30	30
Total	3884	4144	4438	4711	4807	4993
Auxiliary Nurse/Midwives	2971	3072	3210	3260	3391	3781

Source: D.H.S.

4.13.3(a) Staff position of Rural Family Welfare Centres and Sub-Centres in different States/Union Territories (as on 30-6-1982)

Sl. No.	State/Union Territory	No. of functioning units as on 1-4-1982		Lady Visitor in position	Auxiliary Nurse Midwife in position
		Rural F.W. Centres at PHCs	Rural Sub- Centre F.W.		
(1)	(2)	(3)	(4)	(5)	(6)
1.	Andhra Pradesh	420	1909	420	1934
2.	Assam	146	180	..	244
3.	Bihar*	587	2398	310	2158
4.	Gujarat	251	1100	249	1230
5.	Haryana	89	476	85	565
6.	Himachal Pradesh	77	150	57	153
7.	Jammu & Kashmir	82	104	82	107
8.	Karnataka	269	1408	250	1007
9.	Kerala	163	1322	280	1263
10.	Madhya Pradesh	460	1599	460	2416
11.	Maharashtra	427	2297	420	2015
12.	Manipur	29	7	27	29
13.	Meghalaya	22	22	45	34
14.	Nagaland*	7	8	..	7
15.	Orissa	314	1448	163	1010
16.	Punjab	129	631	105	554
17.	Rajasthan	232	1214	180	1112
18.	Sikkim	15	10	12	12
19.	Tamil Nadu	383	1841	352	1815
20.	Tripura *	32	9	..	25
21.	Uttar Pradesh	907	4501	902	6714
22.	West Bengal	335	1256	334	994
23.	A & N Island	..	5	..	7
24.	Arunachal Pradesh	..	..	..	10
25.	Chandigarh	1	2	1	2
26.	D & N Haveli	2	1	2	4
27.	Delhi @	8	11	5	25
28.	Goa, Damon & Diu	15	5	15	21
29.	Lakshadweep	..	..	..	..
30.	Mizoram	14	10	14	14
31.	Pondicherry	12	4	7	11
Total		5428	23928	4735	25492

* Position as on 30-6-1980.

@ Position in respect of 5 centres under MCD, Delhi.

Source: Family Welfare Programme in India Year Book 1981-82.

**4.13.3(b) Number of Registered Nurses, Midwives, Auxiliary Nurse
Midwives and Health Visitors as on 31-12-1981 State-wise**

<i>Name of the State Total No. of qualified personnel entered on the State Registers upto 31st December 1981</i>								
<i>Nursing Council & Examining Boards</i>	<i>Nurses</i>				<i>Midwives</i>		<i>Auxiliary Nurse Midwives</i>	<i>Health Visitors</i>
	<i>Senior or 'A' grade</i>		<i>Junior 'A' grade</i>		<i>Senior or 'A' grade</i>	<i>Senior Asst. or 'B' grade</i>		
	<i>Men</i>	<i>Women</i>	<i>Men</i>	<i>Women</i>				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Andhra Pradesh	469	8960	172	1279	8649	3589	3861	724 *
2. Assam	158	2112	5	311	213	221	2054	46 *
3. Bihar	54	6812	16	870	5052	498	1935	419
4. Gujarat	116	4809	..	..	4318	673	3176	523@
5. Haryana	91	1714	..	..	770	..	1210	161
6. Himachal Pradesh	..	190	..	..	611	..	216	70
7. Kerala	146	8738	..	656	8695	..	3733	257
8. Mahakoshal Nursing Council	634	7455	..	8	7692	75	6635	553
9. Maharashtra	1122	32631	..	170	24492	3465	8468	541@
10. Madras	643	22352	..	1855	29807	..	4770	544
11. Karnataka	436	4740	..	..	6976	..	6493	810
12. Orissa	112	2857	..	..	2338	..	..	95
13. Punjab	1176	14699	..	..	12709	..	5552	1507
14. Rajasthan	5254	..	..	..	3013	..	6607	319
15. Uttar Pradesh	452	6474	..	590	8772	1352	9875	2724
16. West Bengal	45	7403	91	1321	7549	1391	8576	193
17. Medical India Board	Non-registering body							
18. South India Board	Non-registering body							
19. A.F.M.S. Examination Board	Non-registering body							
Grand Total	10908	132146	285	7060	133556	11264	73161	9486

* Relates to 1979.

@ Relates to 1980.

Source: Family Welfare Programme in India,
Year Book 1981-82

**4.13.4(a) Staff in Agricultural Department (Technical) as on
1-12-1983**

<i>Category</i>	<i>Male (Nos.)</i>	<i>Female (Nos.)</i>	<i>Total (Nos.)</i>
1. Director	1	..	1
2. Additional Director/Project Officer	5	..	5
3. Agricultural Specialist	1	..	1
4. Joint Director of Agriculture	29	..	29
5. Deputy Director of Agriculture	102	3	105
6. Assistant Director of Agriculture	274	19	293
7. Junior Agricultural Officer Grade-I	173	38	211
8. Junior Agricultural Officer Grade-II	604	227	831
9. Agricultural Demonstrator (Special Grade)	288	17	305
10. Agricultural Demonstrator Grade-I	918	456	1374
11. Agricultural Demonstrator Grade-II	915	460	1375
12. State Agricultural Engineer	1	--	1
13. Assistant Executive Engineer (Agricultural)	10	--	10
14. Assistant Executive Engineer (Civil)	1	--	1
15. Technical Assistant	1	--	1
16. Assistant Engineer (S.C.)	1	--	1
17. Assistant Engineer (Agrl.)	13	--	13
Total	3337	1220	4557

Source: Directorate of Agriculture.

**4.13.4(b) List of Gazetted Officers in Fisheries Department
as on 29-2-1984**

	<i>Total</i>	<i>Female</i>
1. Director of Fisheries	1	..
2. Joint Director of Fisheries	4	..
3. Administrative Officer	1	..
4. Financial Officer	1	..
5. Deputy Registrar	1	..
6. Co-ordination Officer	1	..
7. Deputy Director of Fisheries	10	..
8. Project Officers (Deputy Director grade)	5	2
9. Administrative Assistant	1	..
10. Assistant Director of Fisheries	12	2
11. Chief Executive Officers	3	..
12. Assistant Registrars	4	..
13. Research Officers	10	2
14. Senior Superintendents	4	1
15. Propaganda Assistant	1	..
16. Headmasters, R.F.T.H.S.	6	2
17. Superintendents F.T.C.S.	5	1
18. Assistant Executive Engineers	2	..
Total	72	10

4.13.5 Staff in the Kerala Agricultural University (1981-82)

<i>Category</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Vice-Chancellor	1	..	1
Registrar	1	..	1
Controller	1	..	1
Assistant Registrar	2	..	2
Assistant Controller	3	..	3
Labour Officer	1	..	1
Estate Officer	1	..	1
Transport Supervisor	1	..	1
Secretary to Vice-Chancellor	1	..	1
P.A. to Registrar	1	..	1
Section Officers	14	5	19
Assistants	26	33	59
Translator	1	..	1
Superintendents	4	2	6
Typist	3	7	10

Source: Annual Report of Agricultural University—1981-82

4.13.6 Staff in College of Agriculture, Vellayani (1981-82)

<i>Category</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Dean	1	..	1
Professors	73	33	106
Administrative Officer	2	..	2
Section Officer	24	11	35
Office Superintendent	3	1	4
Typist	3	7	10

Source: Annual Report of Agricultural University.

**4.13.7. Staff position as on 31-12-1983 in the Department of
Animal Husbandry**

<i>Class of Officers</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
<i>Technical:</i>			
1. Director	1	—	1
2. Other Class I Officers	161	4	165
3. Class II Officers	738	52	790
4. Class III Officers (L.A.s.)	978	72	1050
Total	1878	128	2006
<i>Ministerial:</i>			
1. Class I Officers	1	..	1
2. Class II Officers	7	2	9
3. Class III Officers	292	181	473
4. Class IV Officers	695	461	1156
Total	995	644	1639
Grand Total	2873	772	3645

Source: Directorate of Animal Husbandry.

4.13.8 Staff in College of Veterinary & Animal Sciences (1981-82)

<i>Category</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Dean	1	..	1
Professors	96	12	108

Source: Annual Report of Agricultural University—1981-82

4.13.9. Staff in College of Fisheries, Panangad 1981-82

Category	Male	Female	Total
Dean	1	—	1
Professors	17	4	21
Administrative Officer	1	..	1
Section Officer	2	..	2
Office Superintendent	1	..	1
Typist	..	1	1
Assistants	3	6	9

Source: Annual Report of Agricultural University—1981-82.

4.13.10(a) Staff in Directorate of Economics and Statistics (1983-84)*

Designation	Male	Female	Total
<i>Technical:</i>			
Director	1	..	1
Additional Director	3	—	3
Joint Director	12	3	15
Deputy Director	9	2	11
Assistant Director	21	7	28
Planning-cum-Survey Officers	9	1	10
District Officers	12	—	12
Regional Statistical Officers	3	..	3
Additional District Officers Price Supervisory Officers Statistical Officers in other Departments	38	5	43
Research Officers	91	28	119
Research Assistant/Statistical Inspector	275	45	320
Compilers/Investigators	1151	306	1457
<i>Administration (Gazettee):</i>			
Administrative Officer	..	1	1
Administrative Assistant	3	—	3
Senior Superintendents	3	1	4

*Includes officers working in other departments.

4.13.10(b) Staff in the State Planning Board during 1983-84

	Technical			Non-Technical		
	Male	Female	Total	Male	Female	Total
Gazetted	73	16	89	4	6	10
Non-Gazetted	27	7	34	77	49	126

Source: State Planning Board.

4.13.11. Staff in the Department of General Education (1981-82)
(Excluding Ministerial Staff)

Designation	Male	Female	Total
Director	1	..	1
Administrative Officer	1	..	1
Joint Director	1	..	1
Deputy Director	12	3	15
District Educational Officer	14	20	34
Headmaster of High Schools and Training Schools	1460	618	2078
Other District Officers:			
Teachers 1. High & Training Schools	34180	41223	75403
2. U. P. Schools	23103	26330	49433
3. L. P. Schools	23264	28257	51521
Total	80547	95810	176357

Source: Directorate of Public Instruction.

4.13.12. Staff in the Social Welfare Department

<i>Particulars</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Director	1	..	1
Other Class I Officers	..	..	..
Class II Officer	53	34	87
Class III Officers	355	293	648
Class IV Officers	142	76	218
Total	551	403	954

Source: Directorate of Social Welfare

4.13.13. Engineering Personnel working in the Public Works Department as on 1-10-1981

<i>Designation</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
<i>Graduate Engineers:</i>			
Chief Engineer	40	..	40
Superintending Engineer			
Executive Engineer	176	..	176
Assistant Executive Engineer	599	30	629
Assistant Engineer	869	114	983
1st Grade Overseers	2039	102	2141
2nd Grade Overseers	1965	510	2475
3rd Grade Overseers	1648	370	2018

Source: Public Works Department.

4.13.15. Staff in T. K. M. College of Engineering, Quilon

Sl. No.	Category of Staff	1977-78		1978-79		1979-80		1980-81		1981-82		1982-83	
		M	F	M	F	M	F	M	F	M	F	M	F
(1)	(2)	(3)		(4)		(5)		(6)		(7)		(8)	
1.	Principal	1	..	1	..	1	..	1	..	1	..	1	..
2.	Professor (Technical)	3	..	3	..	3	..	3	..	4	..	5	..
3.	Professors (Non-technical)	1	..	1	..	3	..	3	..	3	..	3	..
4.	Assistant Professor (Technical)	10	1	13	1	19	1	19	1	21	1	23	1
5.	Assistant Professor (Non-Technical Gr. II)	3	..	3	..	1	..	1	..	1	..	1	..
6.	Lecturers (Technical)	39	2	42	4	38	18	40	16	36	20	46	22
7.	Lecturer (Non-technical)	3	1	3	1	4	2	6	3	6	3	7	4
8.	Physical Director	1	..	1	..	1	..	1	..	1	..	1	..
9A.	Workshop Superintendent	1	..	1	..	1	..	1	..	1	..	1	..
9B.	Workshop Instructor Grade I	3	..	2	..	2	..	2	..	2	..	2	..
	Do. Grade II	2	..	5	2	5	2	5	2	5	2	5	2
10.	Draftsman—Civil	..	1	1	..	1	..	1	..	1	..	1	..
	Do. Mechanical	1	..	1	1	1	1	1	..	1	1	1	..
11.	Skilled Assistant Grade I	4	..	4	1	4	..	4	..	4	..	4	..
12.	Skilled Assistant Grade II	23	..	25	..	25	..	25	..	25	..	25	..
13.	Attendees	27	..	29	..	29	..	29	..	29	..	29	..

4.13.16. Staff in position in Poly-technics and other Commercial Institutions in Kerala during 1981-82 (Sex-wise)

Sl. No.	Category	Number of Institutions	Staff		
			Male	Female	Total
1.	Polytechnics including Institute of Printing:				
	Government	11	919	145	1064
	Private	6	406	49	455
	Women's	3	60	47	107
2.	Commercial Institutes	5	43	17	60
3.	Tailoring & Garment-making / Tailoring Centres/Trade School/ Tailoring Training Institute/ Industrial School/Vocational School	39	39	42	81

Source: Directorate of Technical Education.

4.13.17. Number of Registered Lawyers in Kerala as on 6-3-1983

	Total	Harijans
Male	7741	19
Female	495	21
Total	8236	40

Source: Bar council-Ernakulam.

4.13.18 Staff in Law College, Trivandrum and Law Academy (Sex-wise) 1983-84

Category	Law College, Trivandrum			Law Academy		
	Male	Female	Total	Male	Female	Total
Principal	1	..	1	1	..	1
Professors	2	1	3	3	..	3
Lecturers	8	..	8	6	..	6
Part-time Lecturers	1	1	2	..	..	..
Total	12	2	14	10	..	10

Source: Law College Trivandrum & Law Academy.

**4.14. Industry-wise distribution of women employment in Kerala
at the end of the quarter, 30-6-1982 (Sex-wise)**

Industry—Division description	Public Sector	Private Sector	Total
0. Agriculture, Forestry etc.	6152	45135	51287
1. Mining and Quarrying	70	56	126
2 & 3. Manufacturing	33902	102477	136379
4. Electricity, Gas, Water supply	1843	6	1849
5. Construction	3303	137	3440
6. Wholesale and Retail Trade	372	1062	1434
7. Transport, Storage	6275	176	6451
8. Banking, Insurance	7444	2639	10083
9. Community, Social, personal services	79453	76195	155648
All	138814	227883	366697

Source: Directorate of Employment and Training.

**4.14.1. Women Employment in the Industries & Services
in Kerala as on 30-6-1982 according to rank**

Rank No.	Industry/Services	No. of women employees at the end of June 1982
1.	Educational Services by non-technical— Colleges/Schools	108985
2.	Cashewnut processing	93083
3.	Tea Plantation	37959
4.	Health and medical Services	21973
5.	Manufacture of Coir and Coir products	13244
6.	Public services in State Government	10879
7.	Rubber plantation	8853
8.	Banking	7339
9.	Manufacture of Beedi	5731

Source: Quarterly Employment review for the quarter ended June 1982.

**4.15. Percentage of women employment in Registered
Factories from 1976 to 1981**

Year	Total No. of Registered Factories	No. of Factories submitted returns	Total employment in the Factories	Women employment in the Factories	Percentage of women employment
1976—Total	6921	3816	226357	133343	58.91
Public Sector	198	153	50381	29240	58.04
Private Sector	6723	3663	175976	104103	59.16
1977—Total	7625	3925	195765	107430	54.88
Public Sector	199	133	52694	29930	56.80
Private Sector	7426	3792	143071	77500	54.17
1978—Total	7784	3926	176673	89810	50.83
Public Sector	201	131	47442	25595	53.95
Private Sector	7583	3795	129231	64215	49.69
1979—Total	8491	4589	195092	99224	50.86
Public Sector	218	160	N.A.	N.A.	58.8
Private Sector	8273	4429	N.A.	N.A.	49.7
1980—Total	9106	4286	180590	86110	47.68
Public Sector	237	163	53893	29111	54.02
Private Sector	8869	4123	126697	56999	44.99
1981—Total	9099	4263	179513	84425	47.03
Public Sector	240	177	50892	28294	55.60
Private Sector	8859	4086	128621	56131	43.64

Source: DES

**4.15.1. Number and percentage of average daily employment of women
in Registered Factories submitting returns for the year 1976**

	Total No. of working Factories	No. of Factories submitted returns	Total em- ployment in sub- mitting Factories	Women employ- ment in submitting Factories	Percentage of women to employ- ment
1. Fruit, Juice—Concentrates and squashes	5	2	75	70	93.33
2. Canning fruits & vegetables	13	8	326	290	88.96
3. Processing and canning fish	85	44	1729	744	43.03
4. Flour milling	41	24	416	101	24.28
5. Rice milling	237	162	1239	472	38.10
6. Oil Mills	326	164	1058	99	9.36
7. Tea processing	109	92	4435	349	7.87
8. Coffee curing	16	10	1068	839	78.56
9. Cashew	272	230	122760	116511	94.91
10. Cotton spinning & weaving	28	21	9442	1279	13.55
11. Handloom, powerloom weaving	28	21	9442	1279	13.55
12. Embroidery & Readymade garments	32	6	140	114	81.43
13. Coir	271	80	1443	379	26.26
14. Splints and Veneers	291	230	7560	3692	48.84
15. Printing	452	254	3634	558	15.35
16. Matches	101	55	702	514	73.22
17. Bricks	6	4	30	14	46.67
18. Tiles	286	227	10523	2705	25.71
19. Transport equipments manufactures	43	21	1691	96	2.13
20. Others	4279	2161	48644	3298	6.78
All Factories	6921	3816	226357	133343	58.91

4.15.2. Number and percentage of average daily employment of women in Registered Ractories submitting returns for the year 1977.

	Total No. of working Factories	No. of Factories submitted returns	Total employ-ment in submitting Factories	Women employ-ment in submitting Factories	Percentage of women to employ-ment
1. Fruit, Juice— Concentrates and Squashes	6	1	5	3	60.00
2. Canning fruits & vegetables	12	8	448	447	99.78
3. Processing and canning of fish	83	44	1495	598	40.00
4. Flour milling	47	30	308	104	33.77
5. Rice milling	304	172	1256	448	35.67
6. Oil Mills	336	177	1155	113	9.78
7. Tea processing	102	94	4678	377	8.06
8. Coffee curing	17	13	1145	916	80.00
9. Cashew	270	169	97284	92202	94.78
10. Cotton spinning & weaving	27	20	8664	1216	14.04
11. Handloom & powerloom weaving	27	20	8664	1216	14.04
12. Embroidery & Readymade Garments	38	14	139	88	63.31
13. Coir	306	128	2560	438	17.11
14. Splints & Veneers	483	227	7154	3486	48.73
15. Printing	493	272	3353	518	15.45
16. Matches	114	37	531	384	72.32
17. Bricks	5	2	10	4	40.00
18. Tiles	288	170	7897	1684	21.32
19. Transport equipments manufactures	43	22	2253	11	0.49
20. Others	4624	2305	46766	3177	6.79
21. All Factories	7625	3925	195765	107430	54.88

**4.15.3. Number and percentage of average daily employment of women
in Registered Factories submitting returns for the year 1978**

	Total No. of working Factories	No. of Factories Submitted returns	Total employ- ment submitting Factories	Women employ- ment in submitting Factories	Percentage of women to employ- ment
1. Fruit Juice—Concentrates and squashes	3	1	5	3	60.00
2. Canning fruits & vegetables	10	6	443	405	94.42
3. Processing & canning of fish	79	41	1379	582	42.20
4. Flour milling	50	24	146	78	53.42
5. Rice Milling	350	231	1566	576	36.78
6. Oil Mills	329	154	983	77	7.83
7. Tea processing	107	81	4447	337	7.58
8. Coffee curing	17	9	875	668	76.34
9. Cashew	243	133	78309	74468	95.10
10. Cotton spinning & weaving	25	20	8614	1067	12.39
11. Handloom & powerloom weaving	25	20	8614	1067	12.39
12. Embroidery & Readymade garments	38	13	132	75	56.82
13. Coir	305	125	2365	372	15.73
14. Splints & Veneers	345	231	7284	3524	48.38
15. Printing	508	269	3184	512	16.08
16. Matches	110	40	520	391	75.19
17. Bricks	7	..	..	..	..
18. Tiles	290	206	8835	2390	27.05
19. Transpost equipments manufactures	46	24	1997	20	1.00
20. Others	4897	2298	46975	3198	6.81
21. All Factories	7784	3926	176673	89810	50.83

**4.15.4 Number and percentage of average daily employment of women
in Registered Factories submitting returns for the year 1979**

	Total No. of working Factories	No. of Factories submitted returns	Total employ- ment in submitting Factories	Women employ- ment in submitting Factories	Percentage of women to employ- ment
1. Fruit juice—Concentrates and Squashes	4	2	154	146	94.81
2. Canning fruits and vegetables	11	9	397	364	91.69
3. Processing and canning of fish	78	43	1303	521	39.98
4. Flour milling	51	29	410	101	24.63
5. Rice milling	392	251	1446	450	31.12
6. Oil Mills	337	177	1297	118	9.10
7. Tea processing	113	92	4967	352	7.09
8. Coffee curing	17	11	926	724	78.19
9. Cashew	263	150	86842	82907	95.47
10. Cotton spinning & weaving	25	21	9985	1108	11.10
11. Handloom & Powerloom weaving	25	21	9985	1108	11.10
12. Embroidery & Readymade garments	43	10	88	62	70.45
13. Coir	296	158	2835	361	12.73
14. Splints and Veneers	404	268	6675	3696	55.37
15. Printing	533	295	2788	418	14.99
16. Matches	134	70	902	594	65.85
17. Bricks	13	3	33	3	9.09
18. Tiles	294	202	9167	2204	24.04
19. Transport equipments manufactures	49	31	2426	25	1.03
20. Others	5469	2746	52466	3962	7.55
21. All Factories	8491	4589	195092	99224	50.86

**4.15.5 Number and percentage of average daily employment of women
in Registered Factories submitting returns for the year 1980**

	Total No. of working Factories	No. of Factories submitted returns	Total employ- ment in submitting Factories	Women employ- ment in submitting Factories	Percentage of women to employ- ment
1. Fruit juice—Concentrates & squashes	5	2	146	136	93.15
2. Canning fruits & vegetables	11	9	357	314	87.96
3. Processing & canning of fish	82	38	1026	378	36.84
4. Flour milling	53	25	372	99	26.61
5. Rice milling	399	207	1234	372	31.16
6. Oil mills	350	163	1181	102	8.64
7. Tea processing	115	43	5061	457	9.03
8. Coffee curing	17	10	794	622	78.34
9. Cashew	260	126	74116	70451	95.06
10. Cotton spinning & weaving	26	20	8048	954	11.85
11. Handloom & powerloom weaving	26	20	8048	954	11.85
12. Embroidery & Readymade garments	44	11	67	12	17.91
13. Coir	306	151	2624	433	16.50
14. Splints & Veneers	444	259	5959	3566	59.84
15. Printing	541	278	2364	368	15.57
16. Matches	144	70	875	657	75.09
17. Bricks	16	9	121	3	2.48
18. Tiles	309	211	9130	2275	24.92
19. Transport equipments manufactures	54	28	2626	14	0.53
20. Others	5904	2606	56441	3943	6.99
21. All Factories	9106	4286	180590	86110	47.68

4.15.6 Number and percentage of average daily employment of women in Registered Factories submitting returns for the year 1981

	Total No. of working Factories	No. of Factories submitted returns	Total employ-ment in submitting Factories	Women employ-ment in submitting Factories	Percentage of women to employ-ment
1. Fruit juice—Concentrates and squashes	5	3	17	14	82.35
2. Canning fruits and vegetables	13	10	442	388	87.78
3. Processing and canning of fish	82	45	1135	468	41.23
4. Flour milling	51	24	259	83	32.05
5. Rice milling	358	161	991	298	30.07
6. Oil Mills	322	162	1275	91	7.14
7. Tea processing	112	88	4653	316	6.79
8. Coffee curing	18	13	998	784	78.36
9. Cashew	263	121	70956	67697	95.41
10. Cotton spinning and weaving	26	16	8344	1003	12.02
11. Handloom and powerloom weaving	26	16	8344	1003	12.02
12. Embroidery and Readymade garments	44	11	109	71	65.14
13. Coir	293	148	2589	404	15.60
14. Splints and veneers	475	306	6468	3714	57.42
15. Printing	536	264	4061	718	17.68
16. Matches	139	58	852	570	66.90
17. Bricks	20	10	155	9	5.81
18. Tiles	314	236	10409	2450	23.54
19. Transport equipments manufactures	49	27	3002	31	1.03
20. Others	5953	2544	54453	5097	9.36
21. All Factories	9099	4263	179513	84425	47.03

**4.16 An indication of participation of women in Registered
Factories 1981**

Contributing share of women employment (%)	Name of Industries
Above 75%	Fruit juice, concentrates and squashes, canning of fruits and vegetables, cashew, coffee curing
50% and 75%	Embroidery and Readymade garments, splints and veneers, matches.
40% to 50%	Fish canning
30% to 40%	Flour milling and Rice milling
20% to 30%	Tiles
10% to 20%	Printing, Coir, cotton, handloom and powerloom
Below 10%	Oil mills, tea processing, bricks

**4.17 Percentage distribution of employed persons in Factories
by hours at work in Kerala (sex-wise)**

Year	Section	Male/ Female/ Total	Weekly hours at work				Total
			41 & below	43-45	46-48	Above 48	
1978	2m	Male	2.07	25.40	72.21	0.32	100.00
		Female	0.77	5.48	93.73	0.02	100.00
		Total	1.38	14.72	83.74	0.16	100.00
	85	Male	10.86	2.82	85.16	1.16	100.00
		Female	10.56	1.65	86.83	0.96	100.00
		Total	10.82	2.68	85.96	1.14	100.00
1979	2m	Male	2.76	19.61	75.82	1.81	100.00
		Female	1.34	2.02	96.47	0.17	100.00
		Total	1.99	10.12	86.96	0.93	100.00
	85	Male	7.96	3.90	87.11	1.03	100.00
		Female	7.18	2.56	88.55	1.71	100.00
		Total	7.87	3.74	87.28	1.11	100.00
1980	2m	Male	3.19	14.71	78.26	3.84	100.00
		Female	1.36	2.91	95.65	0.08	100.00
		Total	2.27	8.75	87.04	1.94	100.00
	85	Male	11.30	4.04	83.33	1.33	100.00
		Female	10.33	1.51	86.91	1.25	100.00
		Total	11.19	3.75	83.74	1.32	100.00
1981	2m	Male	4.03	24.95	69.48	1.54	100.00
		Female	0.73	1.54	97.58	0.15	100.00
		Total	2.39	13.35	83.41	0.85	100.00
	85	Male	12.07	3.81	82.73	1.39	100.00
		Female	9.95	3.57	86.48	...	100.00
		Total	11.84	3.78	83.14	1.24	100.00

4.18 Distribution of Coir Workers in Kerala by Age and sex

123

District	Distribution of workers by age and sex														
	Below 15 years					15-60 years					60 and above		Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Trivandrum	602	13781	1980	4392	20443	23035	417	869	1286	5611	22690	28301			
Quilon	137	972	1109	2992	29814	32806	453	2180	2633	3582	32966	36548			
Alleppey	184	1187	1371	17255	102889	120144	2124	9446	11570	19563	113522	133083			
Kottayam	22	111	133	3306	9761	13067	533	1005	1538	3861	10877	14738			
Ernakulam	156	202	358	3438	12384	15822	794	1289	2083	4398	13375	18263			
Trichur	31	112	143	2892	5763	8655	517	807	1324	3440	6682	10122			
Malappuram	60	290	350	978	7230	8208	52	509	561	1090	8029	9119			
Kozhikode	162	232	394	2031	23188	25219	181	2704	2885	2374	26124	28498			
Cannanore	21	158	179	675	3517	4192	74	359	433	770	4034	4804			
Kerala	1375	4642	6017	38159	214989	253148	5145	19168	24313	44679	238799	283478			

Source: Report on Survey of Coir Workers in Kerala, 1981.

**4.19. Plantation-wise average daily employment in Kerala
during 1980 (P)**

Plantation	Average daily employment			Percentage of females to total
	Men	Women	Total	
Tea	40550	44966	85516	52.58
Coffee	1995	1995	3990	50.0
Rubber	17401	14774	32175	45.92
Cardamom	4573	4130	8703	47.45
Cocoa	31	42	73	37.53
Oilpalm	209	180	389	46.27
Total	64759	66087	130846	50.51

Source:—Indian Labour Year Book—1982

**4.20 Plantation-wise average daily Employment in States
during 1980 (Provisional)**

States/Union Territory	Plantation	Average daily employment			
		Men	Women	Children	Total
(1)	(2)	(3)	4	5	6
Assam	Tea	202294 ^(a)	191456	70571	464321
Bihar	Tea	..	..	..	..
Himachal Pradesh	Tea	155	240	33	428
Karnataka	Tea	N.A.	N.A.	N.A.	2169
	Coffee	N.A.	N.A.	N.A.	33499
	Rubber	N.A.	N.A.	N.A.	2863
	Cardamom	N.A.	N.A.	N.A.	913
Total		20867	15874	1333	38074x
Kerala	Tea	40550	44966	N.A.	85516
	Coffee	1995	1995	..	3990
	Rubber	17401	14774	..	32175
	Cardamom	4573	4130	..	8703
	Cocoa	31	41	..	73
	Oilpalm	209	180	..	389
Total		64759	66087	..	130846

(1)	(2)	(8)	(4)	(5)	(6)
Tamil Nadu	Tea	26468	30640	N.A.	57108
	Coffee	4653	4125	"	8778
	Rubber	2453	1062	"	3515
	Cardamom	134	55	"	189
	Cinchona	963	963	"	1926
Total		34643	36873	"	71516
Tripura	Tea	1722(R)	1910(R)	374(R)	4006(R)
U. P.	Tea	146(R)	372(R)	52(R)	570(R)
West Bengal	Tea	101876	94040	9469	205385
	Cinchona	1788	942	45	2775
Total		103664	94982	9514	208160
Andaman & Nicobar Islands	Rubber	467	57	Nil	524
	Tea	373211	363624	80499	819503
	Coffee	6620	6148	Nil	46267
	Rubber	20321	15893	Nil	39077
	Cardamom	4707	4185	Nil	9805
	Cinchona (A)	2751	1905	45	4701
	Cocoa	31	42	Nil	73
	Oilpalm	209	180	Nil	389
Grand Total	*All plantations	428717	407851	81877	918445

Source: Indian Labour Year Book 1982.

Note: Includes female Adolescents also.

(A) Includes average daily employment in respect of medicinal plantations.

X Totals does not tally with plantation-wise for want of certain clarifications from the Karnataka State.

*Grand Total may not tally with the sum of plantation-wise average daily employment figures as sex-wise break-up of these figures for Karnataka State is not available.

4.21. Average daily wage rates of unskilled labour in the Construction Sector (Urban) Sex-wise

District	(in Rs.)									
	1965-66		1970-71		1975-76		1980-81		1981-82	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Trivandrum	3.10	1.75	5.18	4.10	7.68	5.89	12.42	10.85	16.10	11.20
Quilon	2.43	2.00	5.25	4.00	7.98	6.20	13.20	10.82	15.25	12.88
Alleppey	3.15	2.85	5.61	4.38	9.76	7.48	13.60	11.70	16.00	13.85
Kottayam	3.30	3.10	5.64	4.00	9.80	7.16	12.52	10.64	14.40	12.03
Idukki	..	..	..	..	..	..	13.41	10.03	17.01	13.24
Ernakulam	3.06	2.52	6.80	4.60	9.41	6.08	13.12	9.75	15.43	10.88
Trichur	3.50	2.48	5.97	3.69	8.71	5.94	12.63	9.60	16.25	12.45
Palghat	2.51	1.45	4.05	2.66	7.27	5.17	9.65	7.01	12.20	9.15
Malappuram	..	..	..	..	8.83	6.53	12.36	9.98	15.97	11.69
Kozhikode	3.97	2.70	6.30	3.99	10.58	7.81	15.80	11.37	18.50	13.50
Wynad	..	..	..	..	..	..	..	..	..	..
Cannanore	4.80	2.82	6.61	3.88	12.05	7.11	14.85	10.67	18.25	13.50
STATE.	3.31	2.41	5.71	3.92	9.31	6.54	13.07	10.22	15.94	12.22

4.22. Average daily wage rates of Paddy Field Labour—Sex-wise

(Rs.)

District	1978-79		1979-80		1980-81		1981-82	
	Male	Female	Male	Female	Male	Female	Male	Female
Trivandrum	8.00	6.58	8.90	7.71	11.04	9.38	12.83	10.00
Quilon	8.46	6.50	10.04	6.96	11.96	8.29	13.88	10.00
Alleppey	8.05	6.38	8.53	6.58	11.68	7.67	12.92	8.50
Kottayam	7.25	5.25	7.40	5.40	8.31	6.93	10.92	8.13
Idukky	..	..	..	..	..	..	..	..
Ernakulam	9.79	6.25	10.25	6.50	10.73	7.90	12.50	8.50
Trichur	8.88	5.80	10.09	6.96	12.46	8.38	14.40	9.27
Palghat	6.75	5.75	7.15	5.77	8.08	6.08	9.08	6.96
Malappuram	10.00	6.81	10.00	7.17	11.54	7.99	13.31	8.71
Kozhikode	9.71	7.21	10.17	7.83	11.40	9.35	12.98	10.21
Wynad	..	..	..	..	..	..	..	..
Cannanore	12.96	6.04	13.25	5.88	14.08	7.14	14.50	8.00
STATE	8.99	6.26	9.58	6.68	11.13	7.91	12.74	8.83

4.23 Percentage of persons in the Labour force during 1977

Particulars	1977	
	Male	Female
Percentage of persons in the Labour force	49.0	20.2
Percentage of persons not in the Labour Force	51.0	79.8
Total	100.0	100.0

Source: Unemployment Survey 1977-78

4.24. (a) Number of persons unemployed and their percentage—1977

Particulars	1977		
	Male	Female	All
Unemployed persons (in lakhs)	7.57	4.17	11.74
Unemployed as % of Sex-wise Population	6.1	3.2	4.86

Source: Unemployment Survey 1977-78.

4.24(b). Percentage of Unemployed to Persons in the Labour force 1977-78

Rural/Urban	Kerala		India	
	Male	Female	Male	Female
Rural	26.0	28.9	7.6	9.5
Urban	25.2	26.9	9.5	15.6

Source: Basic Statistics relating to Indian Economy Vol. II September 1983.

4.25. Number of persons currently unemployed according to sex and Literacy level

Literacy Level	Currently unemployed persons					
	Estimates (Lakhs)			Percentage		
	Male	Female	All	Male	Female	All
Illiterates	0.85	0.92	1.77	8.8	15.9	11.5
Literate but below metric	5.91	2.72	8.63	61.2	46.9	55.8
Metric and above	2.89	2.16	5.05	30.0	37.2	32.7
Total	9.65	5.80	15.45	100.0	100.0	100.0

Source: Unemployment Survey 1977-78.

4.26. Percentage Distribution of Engineering Graduates according to Sex and activity status (1981)

<i>Branches</i>	<i>Percentage</i>					
	<i>Employed</i>			<i>Un-employed</i>		
	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Civil	74.1	100.0	79.4	25.9	..	20.6
Mechanical	66.7	..	66.7	33.3	..	33.3
Electrical	58.3	16.7	52.4	41.7	83.3	47.6
Electronics	89.5	75.0	87.0	10.5	25.0	13.0
Chemical	73.7	..	68.8	26.7	100.0	31.2
Architecture	100.0	..	100.0	..	..	..
Total	70.5	61.1	69.4	29.5	38.9	30.6

Source: Study on the Utility Pattern of Engineering Graduates in Kerala—Man Power Study Series—37.

4.27. Professional Work seekers in Kerala as on 31-1-1984

<i>Category</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Engineering graduates	970	811	1781
Medical Graduates	582	320	902
Post Graduates	2298	1986	4284

Source: Professional Employment Exchange, Trivandrum.

4.28. Incidence of unemployment by Sex in India and Kerala (1977-78)

State	Male			Female		
	Usual Status	Current Weekly Status	Current day Status	Usual Status	Current Weekly Status	Current day Status
All India (Rural)	2.22	3.57	7.12	5.52	4.13	9.18
(Urban)	6.48	7.12	9.40	17.76	10.93	14.55
Kerala (Rural)	13.55	12.25	25.04	29.18	12.84	27.41
(Urban)	16.21	15.12	25.03	39.47	14.67	25.47

Source: Sarvekshana

Journal of the National Sample Survey Organisation July, October 1981.

4.29. Percentage of persons classified as working or 'employed' according to usual status, but 'seeking' or 'available for Additional work' to total persons working by sex and rural urban residence status in India and Kerala 1977-78

State	Rural		Urban	
	Male	Female	Male	Female
All India	27.34	26.58	17.52	20.73
Kerala	44.13	44.00	36.50	32.34

Source: Sarvekshana July, October 1981.

V. PROGRAMMES FOR THE WELFARE OF
WOMEN AND CHILDREN IN KERALA

5.1. Scheme for the payment of financial assistance to women for self employment from the social welfare department

Year	No. of Beneficiaries	Amount (Rs.'000)
1979-80	2500	500
1980-81	2500	500
1981-82	533	125
1982-83	521	165

Source: Social Welfare Department

5.2. Scheme for promotion of Employment opportunities to women, through social Welfare Department

Year	Beneficiaries	(Amount Rs,000)
1977-78	15 Voluntary Organisation	30
1978-79	25 "	50
1979-80	Nil	Nil
1980-81	47 Voluntary Organisation	328
1981-82	56 "	215
1982-83	63 "	215

Source: Social Welfare Department

5.3. Special Nutrition programmes for children as on 31-12-1983 (Social Welfare Department)

1.	No. of feeding Centres	1815
2.	Total Number of beneficiaries	181500
3.	No. of Pregnant women and lactating mothers	1815
4.	Per capital rate per child per day	35 ps per day

5.4. Day care centres (Government) as on 31-12-1983

No of day care centres (Government)	30
No. of children admitted	1440

Source: Social Welfare Department.

5.5.1. Creches (Voluntary organisation) as on 31-12-1983)

Number of creches	273
Number of Children	9555

Source: Social Welfare Department

5.5.2. Number of children utilising Creches attached to registered factories for the years 1976 to 1981

	31-12-1976		31-12-1977		31-12-1978	
	No. of factories	No. of children	No. of factories	No. of children	No. of factories	No. of children
1 Manufacture of food products	212	4801	187	4440	139	3424
2. Manufacture of cotton textiles	6	86	10	74	6	33
3 Manufacture of textile products (including wearing apparel other than Footwear)	1	15	1	10	1	6
4 Manufacture of paper and paper products and Printing, publishing and allied industries	..	..	1	2	1	2
5 Manufacture of Rubber, Plastic, Petroleum and Coal products	8	112	11	231	8	173
6 Manufacture of non-metallic mineral products	2	12	2	10	..	..
7 Manufacture of chemical and chemical products	..	..	1	4	..	..
8 Manufacture of Machines, apparatus, Machine tools and parts	..	..	..	..	1	12
9 Manufacture of Electrical machinery apparatus, applicants and Supplies and parts	..	..	..	..	2	37
10 Manufacture of wood and wood products, Furniture and fixtures.	..	..	..	..	..	..
Grand Total	229	5026	213	4771	158	3687

Source: D. E. S.

5.5.2 Number of Children utilising Creches attached to registered factories
for the years 1976 to 1981—Contd.

	31-12-1979		31-12-1980		31-12-1981	
	No. of factories	No. of children	No. of factories	No. of children	No. of factories	No. of children
1 Manufacture of food products	144	3418	125	4715	98	2018
2 Manufacture of cotton textiles	4	26	6	42	5	44
3 Manufacture of textile products (including wearing apparel other than Footwear)	..	..	1	17	2	8
4 Manufacture of paper and paper products and Printing, publishing and allied industries	..	..	1	..	1	2
5 Manufacture of Rubber, Plastic, Petroleum and Coal products	9	118	3	25	6	84
Manufacture of non-metallic mineral products	2	12	2	8	1	5
7 Manufacture of chemical and chemical products	1	5	1	6	..	..
8 Manufacture of Machines, apparatus, Machine tools and parts	1	12	1	12	..	..
9 Manufacture of Electrical machinery apparatus, applicants and Supplies and parts	..	..	..	..	..	..
10 Manufacture of wood and wood products, Furniture and fixtures	..	..	1	3	1	7
Grand Total	161	3591	141	4828	114	2168

5.6. Number of inmates in Abalamandirs in Kerala

Centre	1980-81		1981-82 (P)	
	Women	Children	Women	Children
Trivandrum	20	8	23	6
Quilon	21	2	17	2
Alleppey	13	2	20	2
Kottayam	15	4	21	10
Ernakulam	21	3	23	4
Trichur	13	8	16	6
Palghat	19	4	19	4
Manjeri	11	6	11	6
Kozhikode	23	2	23	2
Tellicherry	13	2	13	2
Total	169	41	186	44

Source: Directorate of Social Welfare.

5.7. Number of Working Women's Hostels (Government)

	Number of Hostels				
	1978-79	1979-80	1980-81	1981-82	1982-83
Trivandrum	5‡	1	2‡	2‡	2‡
Kottayam	5	Nil	2	Nil	1
Ernakulam	5	1	2	2	1
Malappuram	Nil	Nil	Nil	1	1
Calicut	Nil	Nil	1	1	..

‡One hostel is under the Control of P.W.D.

‡Source: Administration report of the Social Welfare Department.

5.8. Rescue Homes, After Care Hostel, After Care Home, Adolescents Home and Home for Handicapped in Kerala (for females)

	No. of Institution	No of Immates	
		Women	Children
Rescue Homes	3	143	13
After Care Hostel	1	5	1
After Care Home for Adolescence	2	91	..
Home for Physically Handicapped	1	25	..

Source: Social Welfare Directorate.

5.9. Women's programme in C. D. Blocks in Kerala as on 31-3-1982

1. Balawadies/Nurseries functioning in Block	2987
2. No. of children attending in Balawadies/Nurseries	167726
3. Mahilamandals	
1. No. in existence	9493
2. Membership	617929

Source: Dept. of Economics and Statistics-

5.10. Statistics of Maternity Benefits in respect of factories covered by the Maternity Benefits Act in Kerala

Year	No. of Establishments		Average daily No. of women employed in establishments submitted returns	No. of women who claimed maternity benefits	No. of claims accepted and paid either fully or partially
	Covered by the Maternity Benefits Act	Which submitted annual returns			
1961	877	428	51476	5689	5289
1971	887	622	24924	1445	1439
1978	781	541	39361	950	940
1979	1013	317	9292	364	355
1980	1176	817	88906	452	435
1981	1095	629	88297	716	465

Source Dept. of Economics and Statistics.

5.11. Statistics of Maternity Benefits in respect of plantations covered by the Maternity Benefits Act, 1961 in Kerala

Year	No. of Establishments		Average daily No. of women employed in establishment which submitted returns	No. of women who claimed maternity benefits	No. of claims accepted and paid either fully or partially
	Covered by the Maternity Benefit Act	Which sub-mitted annual returns			
(1)	(2)	(3)	(4)	(5)	(6)
1971	459	269	44127	9615	9591
1975	496	276	43034	8419	8053
1979	332	298	40532	6537	6537
1980	475	344	52648	6059	5862
1981	484	362	54618	6811	5720
1982	473	279	41152	5377	5324

Source: Chief Inspector of Plantations, Kottayam.

5.12. Maternity Benefits claimed in Factories & Plantations (by States) during 1978 & 1979 (Provisional) (Statewise)

State/Union Territory	No. of Establishments covered by the maternity benefit Act.		No. of Establishments submitting returns		Average daily No. of women workers employed in the establishments submitting returns		No. of women who claimed maternity benefit during the year	
	1978	1979	1978	1979	1978	1979	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Factories</i>								
Andhra Pradesh	5587	5489	3613	3660	72815	142187	136	110
Assam	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Bihar	467	429	467	429	9452	8523	165	137
Gujarat	2558	2641	1771	1047	23878	22671	152	185
Haryana	516	547	137	158	375	214	2	..
Himachal Pradesh	17	18	10	15	118	658	Nil	5
Jammu & Kashmir	14	9	14	9	1069	1024	41	28
Karnataka	2008	N.A.	652	N.A.	15501	N.A.	261	N.A.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Kerala	788	1020	548	323	39455	9385	959	375
Madhyapradesh	3060	3207	104	142	1549	663	27	14
Maharashtra	3118	3269	1743	2064	128865	17173	606	507
Mehalaya	53	53	11	17	15	28	Nil	2
Orissa	356	356	63	59	3086	2535	49	36
Punjab	811	1031	299	296	457	451	5	Nil
Rajasthan	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Tamil Nadu	3103	2973	2796	2658	87914	217240	200	136
Tripura	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Utterpradesh	441	431	441	429	4385	3950	40	34
West Bengal	375	393	292	295	6334	6165	63	72
Andaman & Nicobar Islands	1	1	1	1	241	301	Nil	Nil
Chandigrah	1	N.A.	1	N.A.	12	N.A.	Nil	N.A.
Delhi	577	588	241	203	2788	2655	41	61
Dadra Nagar Haveli	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Goa, Daman & Diu	1	2	1	2	1	3	Nil	Nil
Lakshadweep	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Pondicherry	14	12	9	9	92	79	..	1
Total	23866	22469	13214	11816	298402	445905	2747	1703
<i>Plantations</i>								
Assam	639	664	497	463	76390	45661	19697	12361
Bihar	9	6	6	6	100	37	Nil	Nil
Himachal Pradesh	13	13	13	13	314	375	--	..
Kerala	473	332	361	298	42583	40532	15821	6357
Tripura	49	48	32	22	2905	1973	352	350
West Bengal	237	237	177	165	53387	51151	7110	7664
Andaman & Nicobar Islands	3	3	2	3	605	521	11	8
Total	1432	1303	1088	970	715684	140250	42991	26920

Year	Month	Day	Event	Location	Notes
1880	Jan	1	...	...	...
1880	Jan	2	...	...	...
1880	Jan	3	...	...	...
1880	Jan	4	...	...	...
1880	Jan	5	...	...	...
1880	Jan	6	...	...	...
1880	Jan	7	...	...	...
1880	Jan	8	...	...	...
1880	Jan	9	...	...	...
1880	Jan	10	...	...	...
1880	Jan	11	...	...	...
1880	Jan	12	...	...	...
1880	Jan	13	...	...	...
1880	Jan	14	...	...	...
1880	Jan	15	...	...	...
1880	Jan	16	...	...	...
1880	Jan	17	...	...	...
1880	Jan	18	...	...	...
1880	Jan	19	...	...	...
1880	Jan	20	...	...	...
1880	Jan	21	...	...	...
1880	Jan	22	...	...	...
1880	Jan	23	...	...	...
1880	Jan	24	...	...	...
1880	Jan	25	...	...	...
1880	Jan	26	...	...	...
1880	Jan	27	...	...	...
1880	Jan	28	...	...	...
1880	Jan	29	...	...	...
1880	Jan	30	...	...	...
1880	Jan	31	...	...	...

VI. WOMEN INDUSTRIAL UNITS IN KERALA

6.1. Women Industrial Units and employment generated in Kerala

Year	No. of Units (Cumulative) at the end of the year	No. of Units assisted	Employment generated (Cumulative)
1978-79	92	5	1500
1979-80	210	120	3450
1980-81	358	201	5900
1981-82	510	208	8400
1982-83	619	152	10200

Source: Directorate of Industries.

6.2. Women Industries Units as on 12-10-1983—District-wise

District	Number of Units					Total
	Coopera- tive Societies	Charitable Institution	Joint stock Company	Partnership Company	Proprietary	
Trivandrum	8	8	2	3	67	88
Quilon	15	3	..	2	42	60
Alleppey	21	2	2	11	33	60
Kottayam	9	5	..	1	20	45
Idukki	5	1	..	5	10	17
Ernakulam	3	6	..	2	58	72
Trichur	30	7	..	1	76	115
Palghat	5	1	..	2	32	39
Malappuram	7	1	..	4	11	21
Kozhikode	9	1	..	2	48	62
Cannanore	11	3	..	..	24	40
State	123	38	4	33	421	619

Source: Directorate of Industries.

6.3. Percentage distribution of Women Industrial Units according to nature of enterprise—1981-82

Nature	Percentage
Functioning All Seasons	81.8
Functioning Seasonal	14.5
Not specified	3.7
Total	100.00

6.4. Classification of workers in Women Industrial Units in Kerala—1981-82

Name of Category	Percentage
Monthly wage earners	47.95
Weekly wage earners	0.60
Daily Wage earners	16.30
Paid at piece rates	35.15
Total	100.00

6.5. Percentage distribution of workers in Women Industrial units according to Training experience—1981-82

Category	Percentage
Experienced/trained	23.13
Skilled	0.62
General Workers	62.80
Not specified	13.45
Total	100.00

6.6. Distribution of workers in Women's Industrial Units in Kerala according to Monthly Income (%)—1981-82

Income group	Percentage of Workers
Upto Rs. 100	11.24
Rs. 101—200	14.41
Rs. 201—300	11.02
Rs. 301—500	4.35
Rs. 500—1000	1.01
Above Rs. 1000	0.06
Piece rate payment	35.15
Others	22.76
All	100.00

6.7. Percentage of Women Industrial Units running on profit and percentage of Women Employment—District-wise—1981-82

District	Percentage of Units running on profit	Percentage of Women employment
Trivandrum	51.29	94.54
Quilon	58.83	87.62
Alleppey	56.52	96.91
Kottayam	57.58	92.98
Idukki	64.28	95.15
Ernakulam	50.00	89.74
Trichur	48.90	96.37
Palghat	40.75	85.88
Malappuram	40.00	91.12
Kozhikode	48.00	91.16
Cannanore	48.15	92.86
Kerala	50.54	93.72

6.8. Percentage of Women's Industrial Units according to nature of returns (%)

Nature of return	Percentage of Units
Running on Profit	50.54
Running on loss	34.90
Running on no loss, no profit	4.36
Others	10.20
All	100.00

6.9. Ownership pattern of Women's Industrial Units in Kerala

Ownership pattern	Percentage of Units
Proprietary concerns	57.45
Co-operative Societies	23.63
Partnership firms	8.72
Charitable Societies	7.28
Companies	1.10
Others	1.82
All	100.00

Source: For Tables 6.3 to 6.9: Man power study Series—35 Directorate of Economics & Statistics.

(Based on a sample study of 275 units during 1980-82)

**6.10. Industrial Management training imparted to Women entrepreneurs
by Industries Department**

District	Number of women Trained during				Total
	1979-80	1980-81	1981-82	1982-83	
Trivandrum	12	5	9	26	52
Quilon	10	8	9	29	56
Alleppy	8	11	8	36	63
Kottayam	..	..	23	..	23
Idukki	5	10	10	46	73
Ernakulam	15	..	10	..	25
Trichur	3	..	8	42	53
Palghat	13	45	..	..	58
Malappuram	5	10	..	46	61
Kozhikode	7	10	26	30	73
Wynad	..	..	..	..	..
Cannanore	5	..	..	31	36
State	83	90	103	288	573

Source: Directorate of Industries.

THE UNIVERSITY OF CHICAGO
 LIBRARY

Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	Total
1890	10	10	10	10	10	10	10	10	10	10	110
1891	10	10	10	10	10	10	10	10	10	10	110
1892	10	10	10	10	10	10	10	10	10	10	110
1893	10	10	10	10	10	10	10	10	10	10	110
1894	10	10	10	10	10	10	10	10	10	10	110
1895	10	10	10	10	10	10	10	10	10	10	110
1896	10	10	10	10	10	10	10	10	10	10	110
1897	10	10	10	10	10	10	10	10	10	10	110
1898	10	10	10	10	10	10	10	10	10	10	110
1899	10	10	10	10	10	10	10	10	10	10	110
Total	110	110	110	110	110	110	110	110	110	110	1210

THE UNIVERSITY OF CHICAGO

VII MISCELLANEOUS

**7.1. District-wise and category-wise strength of Vanitha Police
Force in Kerala as on 1-12-1983**

District	S.I.	Sub Inspector	H.C.	N.K.	L.N.K.	P.C.	Total
Trivandrum City	..	2	8	..	3	40	53
Trivandrum Rural	2	..	1	9	12
Quilon	2	..	1	9	12
Alleppey	4	..	2	18	24
Kottayam	..	1	6	..	28	28	37
Idukki	2	..	1	9	12
Ernakulam City	..	1	6	..	2	28	37
Ernakulam Rural	2	..	1	9	12
Trichur	4	..	2	18	24
Palghat	..	1	4	..	2	18	25
Malappuram	2	..	1	9	12
Kozhikode	..	2	4	..	2	18	26
(including Vanitha P.S. Spl. Branch CID) (Trivandrum Air Port)	1	5	..	..	..	..	6
Cannanore	2	1	1	9	13
Spl. Branch CID (Cochin Air Port)	..	2	..	..	..	..	2
State	1	14	44	1	20	203	283

Source: Inspector General of Police.

7.2 N.C.C. Strength in Kerala from 1979-1980 to 1982-83 Sexwise.

Year	S.D.			J.D.		
	Male	Female	Total	Male	Female	Total
1975-76	7100	1422	8522	19422	2150	21572
1979-80	18839	3554	22393	39312	4300	43612
1980-81	17664	3649	21313	39509	4300	43809
1981-82	16506	3047	19553	38079	4390	42469
1982-83	16653	3061	19714	39195	4250	43445

S.D. Senior Division (Colleges)

J.D. Junior Division (High Schools)

Source: N.C.C. Directorate

7.3 Non-Agricultural non-credit Societies for Women in Kerala as on 30-6-1981

(Rs. in lakhs)

1	No. of Societies	3	..
2	Membership (No.)	794	..
3	Paid up Share Capital		
	Total	0.70	..
	Government	0.50	..
4	Reserve	0.20	..
5	Borrowings	..	..
6	Investments	0.24	..
7	Loan outstanding	0.10	..
8	Loan advanced	0.06	..
9	Government aid	..	..
10	Income From Service rendered	0.03	..
11	Profit	..	..
	(a) No. of Societies	1	..
	(b) Amount	0.92	..
12	Loss (a) No. of Societies	2	..
	(b) Amount	0.15	..
	No. of person employed	9	..

Source: A Hand book on Important Statistics on Co-operation for the year 1980-81,

7.4. 1. General information on elections 1980

Population (1971)	21347375	
Males	10587851	
Females	10759524	
Electoralates 1980	Males	Females
General	6493237	6683131
Service	67574	22122
Total	6560811	6703253

7.4. 2. No. of Constituencies 1980

	General	S.C.	S.T.	Total
House of the people	18	2	..	20
Kerala Legislative Assembly	126	13	1	140
Nomination to Legislative Assemble (Anglo-Indian)	1	..	..	1
Total No. of polling stations	14153			

Source: Election Department.

7.4. 3. Candidates contested in Elections

Legislative Assembly	1980		1982	
	Male	Female	Male	Female
	599	8	691	8

7.4. 4. Total No. Electoralates in 1980 and No. Voted

Total No. of electoralates	No. voted			Percentage of votes (Females)
	Male	Female	Total voted	
13266064	4171058	4075655	8246713	49.42

Source: Election dept. and Legislative Library.

7.4.5. Details of nominations filed in 1980 election

Nomination filed	Total	Contested		Elected	
		Male	Female	Male	Female
Assembly	1068	492	10	135	5
Parliament	192	91	2	52	1

7.4.6. Cabinet Chromology Council of Ministers
(Men-Women-break up)

	1980		1982	
	Male	Female	Male	Female
	16	1	18	1

Source: Election department and Legislature Library.

7.5. Women Members on Block development Committees Panchayat
as on March 1963

Women members on	
1. Block Development Committee	225
2. Panchayats	906

7.6. Ministers of State—1982

(Govt. of India)

	Male	Female	Total
	24	3	27

Deputy Ministers - 1982

(Govt. of India)

	Male	Female	Total
	10	1	11

7.7 Justice in High Court—1983

Total No.	13
Female	1

